

**Planning Committee**  
**PJM Conference and Training Center**  
**May 09, 2023**  
**9:00 a.m. – 11:15 a.m. EPT**

## Administration (9:00 – 9:30)

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 May 9, 2023 Planning Committee (PC) Agenda.
  3. Marilyn Jayachandran reviewed and stakeholders approved the draft April 11, 2023 PC meeting minutes.
- X. Jonathan Kern, PJM, provided an update on the Release of ELCC/CIR Transition Study Results.

## Endorsements

No Endorsements

## First Reads (9:30 – 10:45)

4. Enhance CIR Transfers  
Denise Foster Cronin, EKPC, and Tonja Wicks, Elevate Renewables provided a problem statement and issue charge to develop a solution that enhances PJM's process for transferring CIRs from deactivating resources. **The committee will be requested to endorse the problem statement and issue charge at the June PC meeting.**
5. 2023 Reserve Requirement Study (RRS) Assumptions  
Patricio Rocha Garrido, PJM, presented the 2023 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 – 11:15)

6. Cost Drivers in M3 Process  
Greg Poulos, PJM Consumer Advocates, provided an update on the request for additional information regarding cost drivers in the M-3 process.
7. 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

- RTEP
  - Load Flow
    - PJM’s System Planning Modeling and Support delivered all cases to PJM’s Transmission Planning and is currently working with them to review.
  - Short Circuit
    - PJM’s System Planning Modeling and Support will deliver the 2028 case to PJM’s Transmission Planning by mid-May for review.
  - Dynamics
    - PJM is currently building the 2028 SUM and LL dynamics cases.
- MMWG
  - Load Flow
    - The starting cases were provided to Transmission Owners on April 28<sup>th</sup>.
    - Transmission Owners will provide idevs to update the starting cases by May 26<sup>th</sup>.
    - PJM submitted idevs to update the 2023 Winter Study case to PowerTech on May 1<sup>st</sup>.
  - Dynamics
    - The 2022 Series Dynamics cases were finalized by PowerTech on April 11<sup>th</sup>. PJM has posted these cases.
- The Gen Model Window for MOD-032 data submittals for applicable Generator Owners opened on May 1<sup>st</sup> and will end on June 15<sup>th</sup>.

<i>Future Meeting Dates and Materials</i>			Materials Due to Secretary 	Materials Published
<b>Date</b>	<b>Time</b>	<b>Meeting</b>		
<i>Tuesday, June 6, 2023</i>	9:00 a.m. – 12:00 p.m.	Planning Committee	Thursday, May 25, 2023	Tuesday, May 30, 2023
<i>Tuesday, July 11, 2023</i>	9:00 a.m. – 12:00 p.m.	Planning Committee	Thursday, June 29, 2023	Tuesday, July 5, 2023
<i>Tuesday, August 8, 2023</i>	9:00 a.m. – 12:00 p.m.	Planning Committee	Thursday, July 27, 2023	Tuesday, August 1, 2023
<i>Tuesday, September 5, 2023</i>	9:00 a.m. – 12:00 p.m.	Planning Committee	Thursday, August 24, 2023	Tuesday, August 29, 2023

Author: Marilyn Jayachandran

## Attendance

Last name	First Name	Company	Sector
Caroll	Rebecca (Chair)	PJM Interconnection	None
Jayachandran	Marilyn (Secretary)	PJM Interconnection	None
Abate	Steve	Duquesne Light Company	Transmission Owner
Abdulsalam	Sami	PJM Interconnection	None
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Allen	William	Commonwealth Edison Company	Transmission Owner
Amare	Kunal	Virginia Electric & Power Company	Transmission Owner
Amber	Thomas	Exelon Business Services Company, LLC	Transmission Owner
Amoling	Leo	PJM Interconnection	None
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
Anderson	Jared	Constellation Energy Generation, LLC	Generation Owner
Anyanwu	Tito	Geenex Solar LLC	Other Supplier
Archambault	Miah	Enel Green Power Hilltopper Wind, LLC	Generation Owner
aslam	nabeel	PSEG	Transmission Owner
Aurely	Marc	EN Engineering LLC	None
Bainbridge	Tom	American Transmission Systems, Inc.	Transmission Owner
Barker	Jason	Vitol Inc.	Generation Owner
Base	Jim	PJM Interconnection	None
Bensala	Tarik	PJM Interconnection	None
Benson	Dan	Duke Energy Indiana, LLC	Transmission Owner
Berner	Aaron	PJM Interconnection	None
Bernstein	Matthew	PJM Interconnection	None
Berthiaume	Scott	Coned	Other Supplier
Bhana	Rajesh	Exelon Business Services Company, LLC	Transmission Owner
Bhat	Ashwini	PJM Interconnection	None
Borgatti	Mike	Gabel and Associates	None
Bradley	Nathan	East Kentucky Power Cooperative, Inc.	Transmission Owner
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Bruno	Joshua	PJM Interconnection	None
Callen	Zachary	Illinois Commerce Commission	None
Caristia	James	Public Service Electric and Gas Company	Transmission Owner
Catenacci	Glenn	Public Service Electric and Gas Company	Transmission Owner
Caven	Augustine	PJM Interconnection	None
Cham	Edrissa	Savion, LLC.	None

Chau	Kevin	Duquesne Light Company	Transmission Owner
Christopher	Browning,	Public Utilities Commission of Ohio (The)	None
Christopher	Mahila	Public Utilities Commission of Ohio	None
Circelli	Roseanne	Public Service Electric and Gas Company	Transmission Owner
Coba	Luis	PSEG Renewable Transmission LLC	Transmission Owner
Cobb	Patrick	PJM Interconnection	None
cocco	michael	Old Dominion Electric Cooperative	Electric Distributor
Concina	Wendell	Commonwealth Edison Company	Transmission Owner
Connolly	Matt	PJM Interconnection	None
Copeland	Kyle	PJM Interconnection	None
Cox	Jason	EQ Energy Advisors, LLC	None
Crim	Jake	NextEra Energy Transmission, LLC	Other Supplier
Croop	Danielle	PJM Interconnection	None
Curtis	Kenneth	Enverus	None
D'Antonio	Phil	PJM Interconnection	None
dadourian	john	Monitoring Analytics	None
Dale	Doughlas	Exelon Business Services Company, LLC	Transmission Owner
David	Scarp	Calpine Energy Services, L.P.	Generation Owner
Davis	Elizabeth	PJM Interconnection	None
Davis	Jim	Dominion Virginia Power	Transmission Owner
Davis	David	PJM Interconnection	None
Davis	Elizabeth	PJM Interconnection	None
DeGiusto	Vince	UGI Utilities, Inc.	Transmission Owner
Dettrey	Mark	PJM Interconnection	None
Domian	Christin	Duquesne Light Company	Transmission Owner
Drom	Rick	Elevate Renewable Energy	None
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Dumitriu	Nicolae	PJM Interconnection	None
Edgar-Smith	Collin	Ohio Edison Company	Electric Distributor
Egan	David	PJM Interconnection	None
Ericson	Christine	Illinois Commerce Commission	None
Falin	Tom	PJM Interconnection	None
Fan	Zhenyu	PJM Interconnection	None
Fee	George	Appalachian Power Company (AEP Generation)	Transmission Owner
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fink	Sari	Pine Gate Mid-Atlantic, LLC	Other Supplier

Fishback	Luke	Affirmed Energy LLC (WMP)	Other Supplier
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Foley	Pauline	PJM Interconnection	None
Foster Cronin	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Franks	Chris	PJM Interconnection	None
Franks	Edmund	PJM Interconnection	None
Fuerst	Gary	American Transmission Systems, Inc.	Transmission Owner
Fultz	McClain	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Garnett	Bryan	Duke Energy	Transmission Owner
Ghosh	Josh	Cypress Creek Renewables, LLC	Generation Owner
Gilani	Rehan	RWE Clean Energy Wholesale Services, Inc.	Other Supplier
Gill	Mark	Dominion Energy	Transmission Owner
Glazer	Grant	PJM Interconnection	None
Gledhill	Andrew	PJM Interconnection	None
Gledhill	Andrew	PJM Interconnection	None
Gorman	Brad	American Transmission Systems, Inc.	Transmission Owner
Greening	Michele	PJM Interconnection	None
Greening	Michele	PJM Interconnection	None
Guntle	Vince	American PowerNet Management, L.P.	End-Use Customer
Ha	Soo Kwon	Dominion Virginia Power	Transmission Owner
Hallett	Brian	ReliabilityFirst	None
Heinle	Erik	Dynegy Marketing and Trade, LLC	Generation Owner
Herel	Suzanne	PJM Interconnection	None
Herman	Michael	PJM Interconnection	None
Hicks	Colleen	PJM Interconnection	None
Hitt	Jason	Duquesne Light Company	Transmission Owner
Hoatson	Thomas	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horning	Lynn	American Municipal Power, Inc.	Electric Distributor
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hozempa	Lawrence	American Transmission Systems, Inc.	Transmission Owner
Hudis	Gabriella	Jersey Green Energy LLC	Other Supplier
Hutt	Daniel	Public Service Electric and Gas Company	Transmission Owner
Hyatt	John	Monitoring Analytics	None
Hyzinski	Tom	GT Power Group, LLC	None
Iler	Art	Indiana Office of Utility Consumer Counselor	None

Jagana	Aminata	Dayton Power & Light Company (The)	Transmission Owner
Janapareddy	Anu	Green River Holdings, LLC	Generation Owner
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jardot	Gina	NRG Curtailment Solutions, Inc.	Other Supplier
Jeff	Baker	Duke Energy	Transmission Owner
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Johnston	David	URC Indiana	Transmission Owner
Jones	Peter	Savion, LLC.	None
Julie M	Mason	Duke Energy	Transmission Owner
Karki	Mahesh	Savion, LLC.	None
Kelly	Stephen	Dominion Virginia Power	Transmission Owner
Kent	Janessa	Duquesne Light Company	Transmission Owner
Khadr	Esam	Public Service Electric and Gas Company	Transmission Owner
Khalili	Ramtin	Dominion Virginia Power	Transmission Owner
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Kirk	Steven	NextEra Energy Marketing, LLC	Other Supplier
Koeplinger	Alexandria	Michigan Public Service Commission	None
Kogut	George	New York Power Authority	Other Supplier
Kuchan	Meagan	Dayton Power & Light Company (The)	Transmission Owner
Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
LaVista	William	RWE Renewables Americas, LLC	Generation Owner
Lawson	Ryen	Dominion Virginia Power	Transmission Owner
leeming	thomas	Exelon Business Services Company, LLC	Transmission Owner
Lehmann	Horst	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
LeithYessian	Devin	RTOinsider	None
Leith-Yessian	Devin	RTO Insider	None
Louwahi	Soufiane	Electric Power Engineers	None
Lowe	Brad	Dominion Virginia Power	Transmission Owner
Lyakhovich	Leonid	Public Service Electric and Gas Company	Transmission Owner
Mabry	David	McNees Wallace & Nurick LLC	None
Mahoor	Mohsen	Virginia Electric & Power Company	Transmission Owner
Mali	Gizella	PJM Interconnection	None
Mao	Yiming	PJM Interconnection	None
Mariam	Yohannes	Office of the People's Counsel for the District of Columbia	None
Martes	Eliasjavier	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner

Mason	Gary	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Matheson	Eric	Pennsylvania Public Utility Commission	None
Maucher	Andrea	Delaware Division of the Public Advocate	End-Use Customer
McClelland	Maura	Public Utilities Commission of Ohio	None
McDewell	Christian	Commonwealth of PA	None
McGill	Susan	PJM Interconnection	None
McLavery	Megan	PJM Interconnection	None
Mertz	Christopher	Virginia Electric & Power Company	Transmission Owner
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Mohler	Tina	PJM Interconnection	None
Mooney	Molly	PJM Interconnection	None
Nadel	Steven	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Nareshkumar	Koushy	Potomac Electric Power Company	Electric Distributor
Nekolny	Christopher	Exelon Business Services Company, LLC	Transmission Owner
Nitchie	Laura	PJM Interconnection	None
Niu	Grace	PJM Interconnection	None
Noel Jeune	Reynaldo	Orsted Onshore North America, LLC	Generation Owner
ODonnell	Colleen	Public Utilities Commission of Ohio	None
Okenfuss	James	Savion, LLC	None
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Pakela	Gregory	DTE Energy	None
Panegal	Ash	Apex Clean Energy	None
Papaconstandinou	Antonio	PJM Interconnection	None
Parikh	Lopa	Orsted Onshore North America, LLC	Generation Owner
Parker	Matt	Virginia Electric & Power Company	Transmission Owner
Parker	Matthew	Virginia Electric & Power Company	Transmission Owner
Parrot	Sarah	Public Utilities Commission of Ohio (The)	None
Patkar	Neil	Karbone	None
Perera	Asanga	PJM Interconnection	None
Potter	Harrison	Virginia Electric & Power Company	Transmission Owner
Poulos	Greg	PJM Interconnection	None
Prokop	Brenda	Silver Run Electric, LLC	Transmission Owner
Ptak	Anton	EDF Renewable Development, Inc.	None
Quevada	Jason	PJM Interconnection	None
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner
Reagan	Ryann	New Jersey Board of Public Utilities	None

Richards Jr	Cleveland	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Roberts	Casey	Sierra Club	None
Robichaud	Donna	Geenex Solar LLC	Other Supplier
Rocha Garrido	Patricio	PJM Interconnection	None
Rohs	Fred	Marina Energy, LLC	Generation Owner
Rory	Sweeney	Power Prose, Inc.	None
Rutledge	Craig	Appalachian Power Company (APCO Dedicated)	Transmission Owner
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Scarp	David	Calpine Energy Services, L.P.	Generation Owner
Scarpignato	Dominic	Scarp Industries	None
Scheidecker	Paul	Monitoring Analytics	None
Scheirer	Alexandra	PJM Interconnection	None
Schmidt	Tom	Buckeye Power, Inc.	Electric Distributor
Schmitt	Catherine	Public Service Electric and Gas Company	Transmission Owner
Schuyler	Ken	PJM Interconnection	None
Scott	Hugh	Baltimore Gas and Electric Company	Transmission Owner
Seiler	Ken	PJM Interconnection	None
Selick	Sam	Customized Energy Solutions, Ltd.	None
Shah	Pulin	PECO Energy Company	Transmission Owner
Shegarfi	Roosbeh	Constellation Energy Generation, LLC (NEV_XLON)	Generation Owner
Shields	Daniel	Office of the Ohio Consumers' Counsel	End-Use Customer
Sikora	Cliff	Earthrise Energy	None
Sliwa	Stanley	PJM Interconnection	None
Sloan	Ben	Organization of PJM States, Inc.	None
Souder	Michelle	PJM Interconnection	None
Souder	David	PJM Interconnection	None
Sparks	Bridget	sPower Development Company, LLC	Transmission Owner
Spatafore	Julia	PJM Interconnection	None
Sprinkle	Dan	Louisville Gas and Electric Company/Kentucky Utilities Company	Transmission Owner
Stadlmeyer	Rebecca	Jersey Green Energy LLC	Other Supplier
Stern	Alex	Exelon Business Services Company, LLC	Transmission Owner
Stern	Alexander	Exelon Business Services Company, LLC	Transmission Owner
Steven	Kirk	NextEra Energy Marketing, LLC	Other Supplier
Stuchell	Jeff	American Transmission Systems, Inc.	Transmission Owner
Stuchell	Jeff	American Transmission Systems, Inc.	Transmission Owner



Stupar	Rob	Invenergy Energy Management LLC	Generation Owner
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Sunderman	Derek	Savion, LLC.	None
Sussler	Philip	Office of People's counsel	None
Svenson	Heather	Public Service Electric and Gas Company	Transmission Owner
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Szmodis	Chris	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
T	Samantha	New Jersey Board of Public Utilities	None
Tekle	Zelalem	Bath County Energy, LLC	Generation Owner
Tesfa	Nebiat	PJM Interconnection	None
Tiwari	Megha	PJM Interconnection	None
Uddin	Shahab	Old Dominion Electric Cooperative	Electric Distributor
Ushijima	Hiroaki	Elwood Energy, LLC	Generation Owner
VanBlargan	Bryna	Sabinsville SunPower, LLC	None
Walcavich	Colin	Green River Holdings, LLC	Generation Owner
Walker	Preston	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Waweru	James	PJM Interconnection	None
Webb	Becky	Exelon Business Services Company, LLC	Transmission Owner
Welch	Shawn	Doral Renewables LLC	None
Whitehead	Jeff	GT Power Group	None
Wicks	Tonja L	ArcLight Capital Partners	None
widom	stuart	PJM Interconnection	None
Wild	Bailey	New Jersey Board of Public Utilities	None
Williams	Nicholas	Public Service Electric and Gas Company (Solar)	Transmission Owner
Wilson	James	Wilson Energy Economics	None
Wylie-Chambers	Ericka	Exelon Business Services Company, LLC	Transmission Owner
Yasutake	Sarah	Jersey Green Energy LLC	Other Supplier
Yochelson	Cheri	Dominion Virginia Power	Transmission Owner
Yovanovich	Laura	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Zhou	Zhangxin	Virginia Electric & Power Company	Transmission Owner
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Mason	Julie	Duke Energy Ohio, Inc.	Transmission Owner