

Operating Committee  
Webex/ PJM Conference & Training Center  
January 12, 2023  
9:00 a.m. – 12:00 p.m. EST

## Administration

1. Lauren Strella Wahba, PJM, provided announcements; reviewed the Antitrust, Code of Conduct, Public Meetings/Media Participation, and the WebEx Participant Identification Requirement.
  - a. Reviewed and approved draft minutes from the December 8, 2022 OC meeting. **The Committee approved the draft minutes from the December 8, 2022 Operating Committee meeting with 0 objections and 0 abstentions**
  - b. Reviewed the OC work plan.

## Review of Operations

2. Overview of Winter Storm Elliott Weather Event (9:15 – 10:00)  
Donnie Bielak, PJM, led a follow-up discussion to the Market Implementation Committee's initial joint review of operational challenges and resulting market impacts during Winter Storm Elliott from Dec. 23–25.
3. Fuel Supply Overview (10:00 – 10:20)  
— Brian Fitzpatrick, PJM, will provide an overview of current fuel supply issues.
4. Review of Operating Metrics (10:00 – 10:20)  
Stephanie Schwarz, PJM, reviewed the December 2022 PJM operating metrics slides. Metrics included PJM's load forecast error, BAAL performance, and transmission / generation outage statistics.
5. Security Update (10:20 – 10:25)  
Steve McElwee, PJM, will provide a security briefing.  
**This item was moved to the Informational Only Postings section.**

## Endorsements/Approvals

6. Manual 38: Operations Planning (10:25 – 10:30)  
Liem Hoang, PJM, reviewed proposed revisions to Manual 38 as a part of the periodic review.  
**The Operating Committee endorsed the changes to Manual 38 with 0 objections and 0 abstentions.**

## First Reading

7. TO/TOP Matrix Review (10:30 – 10:35)  
Gizella Mali, PJM, reviewed Version 17 of the TO/TOP Matrix as a part of the periodic review.  
**The Operating Committee will be asked to recommend the TOA-AC approve the TO/TOP Matrix at its next meeting.**

8. Manual 40: Training and Certification Requirements (10:35 – 10:45)  
Ben Miller, PJM, reviewed proposed revisions to Manual 40 as a part of the periodic review.  
**The Operating Committee will be asked to endorse these changes at its next meeting.**
  
11. Dynamic Line Rating Task Force Update (11:05 – 11:20)  
Natalie Tacka, PJM, provided an update on the progress of the DLRTF and sought stakeholder feedback on next steps. In accordance with the feedback, the Operating Committee will be asked to approve the sunset of the DLFTF at its next meeting.

## Additional Items

9. NYISO-PJM Joint Operating Agreement Update (10:45 – 10:55)  
Simon Tam, PJM, reviewed the proposed changes to NYISO-PJM Joint Operating Agreement on NYISO removing the PJM-NY Interface as an IROL.
  
10. Reliability Compliance Update (10:55 – 11:05)  
~~Becky Davis, PJM, will provide an overview on NERC, SERC, RF, and NAESB standards, and other pertinent regulatory and compliance information, and solicit feedback from the members on Reliability Compliance efforts.~~  
**This item was moved to the Informational Only Postings section.**
  
- x. Fuel Supply Overview (11:20 – 11:30)  
~~\_\_\_\_\_ Brian Fitzpatrick, PJM, will provide an overview of current fuel supply issues.~~  
**This item was moved to the Informational Only Postings section.**
  
- y. Dynamic Line Rating Implementation Notice – Duquesne Light (11:30 – 11:45)  
Jason Hitt, Duquesne Light Company, presented on Duquesne's Dynamic Line Rating (DLR) per the M-03 2.1.1.2 requirement.

## Working Items

12. IROL-CIP Cost Recovery (11:45 – 12:00)  
Darrell Frogg, PJM, reviewed PJM's proposed solution package. Stakeholders are invited to submit final packages in advance of the February Operating Committee.

## Informational Only Postings

13. Unit Specific Parameter Adjustment Request Overview  
Informational posting on the overview of the unit specific parameter adjustment process including a reminder of the February 28, 2023 submittal deadline.
  
14. System Operations Subcommittee (SOS)  
Informational posting of the summary of the most recent SOS meeting.
  
15. NERC Lessons Learned

Informational posting of a review of the latest posted NERC Lessons Learned reports.

5. Security Update (10:20 – 10:25)  
Steve McElwee, PJM, will provide a security briefing.
  
10. Reliability Compliance Update (10:55 – 11:05)  
Becky Davis, PJM, will provide an overview on NERC, SERC, RF, and NAESB standards, and other pertinent regulatory and compliance information, and solicit feedback from the members on Reliability Compliance efforts.
  - x: Fuel Supply Overview (11:20 – 11:30)  
Brian Fitzpatrick, PJM, will provide an overview of current fuel supply issues.

## Attendance

Last Name	First Name	Company Name	Sector
Patel (Facilitator)	Anita	PJM Interconnection, LLC	None
Strella Wahba (Secretary)	Lauren	PJM Interconnection, LLC	None
Abdur-Rahman	Muhsin	ABB Enterprise Software Inc.	None
Adams	Aaron	Calpine Energy Services, L.P.	Generation Owner
Aguilar	Fabiano	Strom Power	Other Supplier
Ahouasson	Jean-Paul	MAG Energy Solutions, Inc.	Other Supplier
Akeel	Roddy		
Allegretti	Dan	Hull Street Energy	None
Anders	David	PJM Interconnection	None
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
Anderson	Bob	Tenaska Power Services Co.	Generation Owner
Anderson	Jared	S&P Global Inc.	None
Puckett	Andrew	Tenaska Power Services Co.	Generation Owner
Andrew Austin	Nick		
Androwick	Tim	PJM Interconnection, LLC	None
Ann Price	Ruth	Division of the Public Advocate of the State of Delaware	End-Use Customer
Annis	Sarah		
Antonelli	Diane	PJM Interconnection, LLC	None
Armstrong	Brian	Leidos	None
Aung	Thinzar	PJM Interconnection, LLC	None
Baer	Madelyn		
Baizman	Aaron	PJM Interconnection	None

Baker	Hayden		
Baker	Scott	PJM Interconnection, LLC	None
Barker	Jason	Constellation Energy Generation, LLC	Generation Owner
Barmer	Mike	Dominion Virginia Power	None
Barnett	Paul	Silver Run Electric, LLC	Transmission Owner
Barrow	Kimberly	PA Public Utility Commission	None
Bartlett	Dan		
Beban	Madalyn	PJM Interconnection, LLC	None
Beckford	Jean-Marc	SESCO Enterprises, LLC	Other Supplier
Benchek	Jim	American Transmission Systems, Inc.	Transmission Owner
Bennett	Stephen	PJM Interconnection, LLC	None
Bennett	Daniel	PJM Interconnection, LLC	None
Bernstein	Matthew	PJM Interconnection, LLC	None
Bhat	Ashwini	PJM Interconnection, LLC	None
Bickerstaff	Dean	Hartree Partners, LP	Other Supplier
Bleiweis	Bruce	DC Energy LLC	Other Supplier
Bloodworth	Michelle	ACCCE	None
Bobbio	Emmanuele	PJM Interconnection, LLC	None
Booth	Michael	Hull Street Energy	None
Bose	Avishek	PJM Interconnection, LLC	None
Bowring	Joe	Monitoring Analytics, LLC	None
Boyle	Glen	PJM Interconnection, LLC	None
Brady	George	Ohio Valley Electric Corp	Transmission Owner
Braerman	Ken	Baltimore Gas and Electric Company	Transmission Owner
Bresler	Stu	PJM Interconnection	None
Brodbeck	John	EDP Renewables North America, LLC	Generation Owner
Brophy	Conor	PJM Interconnection, LLC	None
Brown	William	VECO Power Trading, LLC	Other Supplier
Brown	Richard	PJM Interconnection, LLC	None
Bruno	Joshua	PJM Interconnection, LLC	None
Bruno	Patrick	PJM Interconnection	None
Bryson	Mike	PJM Interconnection, LLC	None
Budd	Ike	NextEra Energy Marketing, LLC	Other Supplier
Buehler	Susan	PJM Interconnection	None
Buonomo	Steven	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner

Burdis	Tim	PJM Interconnection, LLC	None
Burwen	Jason	Energy Storage	None
Bush Chambers	Laura	Tennessee Valley Authority (The)	Other Supplier
Callaghan	Christopher	PJM Interconnection, LLC	None
Callen	Zachary	Illinois Commerce Commission	None
Campbell	Bruce	Campbell Energy Advisors, LLC	None
Canchi	Devendra	Monitoring Analytics, LLC	None
Cao	Roger	PJM Interconnection, LLC	None
Carmean	Greg	OPSI	None
Carrasco	Eliseo	PJM Interconnection, LLC	None
Carroll	Rebecca	PJM Interconnection	None
Carroll	Dave	Red Oak Power, LLC	Generation Owner
Cassapo	John	Williams	None
Chadbourne	Jon	ArcLight Energy Marketing, L.L.C.	Other Supplier
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Chen	Hong	PJM Interconnection, LLC	None
Chen	Yang	PJM Interconnection, LLC	None
Christopher	Mahila	Public Utilities Commission of Ohio	None
Chu	George	PJM Interconnection, LLC	None
ciabattoni	joe	PJM Interconnection, LLC	None
Circelli	Roseanne	Public Service Electric & Gas Company	Transmission Owner
Cobb	Patrick	PJM Interconnection, LLC	None
cocco	michael	Old Dominion Electric Cooperative	Electric Distributor
Collins	John		
Concina	Wendell	Commonwealth Edison Company	Transmission Owner
Corash	Richard	PSEG Energy Resources & Trade LLC	Other Supplier
Cosby	Sarah	Dominion Virginia Power	None
Coscia	Carl	PJM Interconnection, LLC	None
Cox	Ryan	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Cox	Jason	Dynegy Power Marketing, Inc.	Generation Owner
Coyne	Suzanne	PJM Interconnection, LLC	None
Craig Grace	Stephen	Tennessee Valley Authority (The)	Other Supplier
Croop	Danielle	PJM Interconnection	None
Crystle	Gil	UGI Development Company	Generation Owner
Curley	Maureen	PJM Interconnection, LLC	None

Curtis	Kenneth	Drilling Info, Inc.	None
Dadourian	John	Monitoring Analytics, LLC	None
Dailey	Mike	Tennessee Valley Authority (The)	Other Supplier
Dajewski	Paul	PJM Interconnection, LLC	None
Dalton	David		
D'Annibale	Gregory	ConEdison Energy, Inc.	Other Supplier
Daugherty	Danielle	ReliabilityFirst	None
Wand	David	NJ Rate Counsel	None
Davies	Steve	Indiana Utility Regulatory Commission	None
Davin	Ken	Duke Energy Ohio, Inc.	Transmission Owner
Davis	Elizabeth	PJM Interconnection, LLC	None
Davis	Jim	Dominion Energy Generation Marketing, Inc.	Generation Owner
DeBree	Scott		
DeGiusto	Vince	UGI Utilities, Inc.	Transmission Owner
DeLosa	Joe	DE Public Service Commission	None
DeViscio	Michael	PJM Interconnection, LLC	None
Denby	Brett	NOVEC	None
Derin	Bilge	PJM Interconnection, LLC	None
DeSalvo	Russell		
Dewechter	Robert		
DiDonato	Anthony	PJM Interconnection, LLC	None
Diiorio	Michelle	PSEG Energy Resources & Trade LLC	Other Supplier
Dillon	Matt	UGI Development Company	Generation Owner
Ding	Yi	PJM Interconnection, LLC	None
Domian	Christin	Duquesne Light Company	Transmission Owner
Dorko	Keri	Monitoring Analytics, LLC	None
Douglass	Robert	Constellation Energy Generation, LLC	Generation Owner
Downs	Jere	PJM Interconnection, LLC	None
Drauschak	Lisa	PJM Interconnection	None
Drom	Rick	Eckert Seamans	None
Dropkin	Ilyana	PJM Interconnection, LLC	None
Dropkin	Robert	PJM Interconnection, LLC	None
Duensing	Allison	Saracen Energy East LP	Other Supplier
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner

Dumitriu	Nick	PJM Interconnection, LLC	None
Eckstein	Jim	Duke Energy Kentucky, Inc.	Transmission Owner
Edmonds	Brian	DC Public Service Commission	None
Egan	Amanda	PJM Interconnection	None
Elkins	Rachel	FirstEnergy Corporation	Transmission Owner
El-Tigani	Yasmin	Commonwealth Edison Company	Transmission Owner
Erikhman	Greg	ConEdison Energy, Inc.	None
Esterly	Theresa	PJM Interconnection	None
Everngam	Scott	The Federal Energy Regulatory Commission	None
Evrard	David	Pennsylvania Office of Consumer Advocate	End-Use Customer
Fabiano	Janell	PJM Interconnection	None
Fahr	Suzie	PJM Interconnection, LLC	None
Falin	Tom	PJM Interconnection, LLC	None
Fan	Zhenyu	PJM Interconnection, LLC	None
Farkas	Mike		
Fazio	Danielle	Noble Americas Gas & Power Corp.	Other Supplier
Fee	George	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Feng	Julan	PJM Interconnection, LLC	None
Fereshetian	Damon	PJM Interconnection, LLC	None
Fernandes	Zeenath	PJM Interconnection, LLC	None
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fink	Sari	American Clean Power Association	None
Fishback	Luke	Affirmed Energy LLC	Other Supplier
Fitch	Neal	NRG Power Marketing LLC	Generation Owner
Fitzgerald	Evan	North Carolina Electric Membership Corporation	Electric Distributor
Fitzpatrick	Brian	PJM Interconnection, LLC	None
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Foley	Sheila	PJM Interconnection, LLC	None
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Foster Cronin	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Francis Fitzgerald	John	Tennessee Valley Authority (The)	Other Supplier
franks	christine	PJM Interconnection, LLC	None
Frogg	Darrell	PJM Interconnection, LLC	None
Fuess	Christian	PBF Power Marketing, LLC	End-Use Customer

Gaddes	Caleb	Lightsource Renewable Energy Development, LLC	Other Supplier
Garcia	Adamy	PJM Interconnection, LLC	None
Gates	Jill	PJM Interconnection, LLC	None
Gebele	Don	Dayton Power & Light Company (The)	Transmission Owner
Gibbons	Jaret	ARIPPA	None
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Glazer	Craig	PJM Interconnection, LLC	None
Gledhill	Andrew	PJM Interconnection, LLC	None
Glover	Rob	Board of Public Utilities of NJ	None
Gluck	Jim	PJM Interconnection, LLC	None
Gorman	Bradley	American Transmission Systems, Inc.	Transmission Owner
Graf	Walter	PJM Interconnection, LLC	None
Guignet	Doug	PJM Interconnection, LLC	None
Guntle	Vince	American PowerNet Management	End-Use Customer
Hall	Andrew	Borrego Energy, LLC	None
Handlin	Mike	PJM Interconnection, LLC	None
Haque	Asim	PJM Interconnection, LLC	None
Hartigan	Jonathan	Tilton Energy, LLC	Generation Owner
Hastings	David	Market Interconnection Consulting Services (MICS)	None
Hatch	Kevin	PJM Interconnection, LLC	None
Hauske	David	PJM Interconnection, LLC	None
Hauske	Tom	PJM Interconnection, LLC	None
Healey	Terence	Cadwalader Wickersham & Taft LLP	None
Hebenstreit	Stephen		
Heidorn	Rich	RTO Insider	None
Heinle	Erik	Office of the Peoples Counsel for the District of Columbia	End-Use Customer
Heisey	Brad	Wolf Hills Energy, LLC	Generation Owner
Helm	Gary	PJM Interconnection	None
Helms	Joe	Rainbow Energy Marketing Corporation	Other Supplier
Henderson	George		
Henric	Greg		
Hepplewhite	Peter	Wrigley Capital LLC	Other Supplier
Herel	Suzanne	PJM Interconnection, LLC	None
Herrera	Maria	PJM Interconnection	None

Hislop	David	PJM Interconnection, LLC	None
Hitt	Jason	Duquesne Light Company	Transmission Owner
Hoang	Liem	PJM Interconnection, LLC	None
Hoatson	Thomas	Riverside Generating, LLC	Generation Owner
Hoey	Edward	PJM Interconnection, LLC	None
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Hoke	Michael	PJM Interconnection, LLC	None
Holter	Natasha	PJM Interconnection, LLC	None
Horger	Tim	PJM Interconnection	None
Horning	Lynn	Customized Energy Solutions, Ltd.*	None
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hough	James	PSEG Energy Resources & Trade LLC	Other Supplier
Hsia	Eric	PJM Interconnection, LLC	None
Huang	Jame	Rockland Electric Company	Transmission Owner
Hudis	Gabriella	Gabel Associates	None
Hugee	Jacqui	Dominion Energy Generation Marketing, Inc.	Generation Owner
Hurwich	Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Hyatt	Earl	Monitoring Analytics, LLC	None
Hyzinski	Tom	GT Power Group, LLC	None
Iler	Art	Indiana Office of Utility Consumer Counsel	End-Use Customer
Imburgio	Frank	Consolidated Energy, Inc	None
Iorii	Regina	State of Delaware	None
James	Solon		
Jani	Alpa	PJM Interconnection, LLC	None
Janicki	Diane	Boston Energy Trading & Marketing, LLC	Other Supplier
Jarrah	Danny	PPL Electric Utilities Corp.	Transmission Owner
Jasinski	Silke	Tenaska Power Services Co.	Generation Owner
Jasper	Madeline	RWE Renewables Americas, LLC	Generation Owner
Jennifer Panahi	S.	Troutman Sanders	None
Jennings	Rob		
Johnson	Carl	Customized Energy Solutions, Ltd.*	None
Johnson	Lucas		
Johnson	Nick	Tenaska Power Services Co.	Generation Owner
Johnston	Dave	Indiana Utility Regulatory Commission	None

Jones	Caleb		
Jones	Ryan	Allegheny Electric Cooperative, Inc.	Electric Distributor
Jones	Scott	Indiana Office of Utility Consumer Counsel	End-Use Customer
Kalaskar	Rahul	AES Ohio Generation, LLC	Generation Owner
Kaputkin	Jordan		
Kayne	Sam	State of Delaware	None
Kearney	Laila		
Keech	Todd	PJM Interconnection, LLC	None
Keenan	Matthew	Jpower USA	None
Keilholtz	Ken	NRG Power Marketing LLC	Generation Owner
Kelley	Ryan	Duke Energy Ohio, Inc.	Transmission Owner
Kelly	James	PJM Interconnection, LLC	None
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kenney	Susan	PJM Interconnection, LLC	None
Kent	Janessa	Duquesne Light Company	Transmission Owner
Kerecman	Joseph	Calpine Energy Services, L.P.	Generation Owner
Keslar	Zac		
Kim	Siwon		
Kingston	Amber	North Carolina Electric Membership Corporation	Electric Distributor
Kinney	James	FirstEnergy Corporation	Transmission Owner
Knepper	Megan		
Knotts	Pam	DE Public Service Commission	None
Kogut	George	New York Power Authority	Other Supplier
Koz	Brian	Alphataraxia Palladium LLC	None
Kroh	Judson	RES America Developments, Inc.	Generation Owner
Kucey	Tim	PSEG Energy Resources & Trade LLC	Other Supplier
Kuchan	Meagan	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Kumar	Nikhil	SIG Energy, LLLP	Other Supplier
Lai	Erin	PJM Interconnection, LLC	None
Laios	Takis	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Langbein	Pete	PJM Interconnection, LLC	None
LaRocque	Matt	PJM Interconnection, LLC	None
Lawson	Ryen	Dominion Virginia Power	None
Lawton	Nick	Earthjustice	None

Leasure	Jill	Keystone Projects	None
Lee	Ray	PJM Interconnection, LLC	None
Lee Norman	Jason	Tennessee Valley Authority	Other Supplier
Leith-Yessian	Devin	RTO Insider	None
Lerner	Garrett		
Liang-Nicol	Cecilia	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Libbos	Robin	FirstEnergy Corporation	Transmission Owner
Litchfield	Matt	CPV Shore, LLC	Generation Owner
Lockwood	Dan	PJM Interconnection, LLC	None
Lui	Jerry		
Luzetsky	Rob	TAQA Gen X LLC	Generation Owner
Lynn	Brian	PJM Interconnection, LLC	None
Mabry	David	McNees Wallace & Nurick LLC	None
Mali	Gizella	PJM Interconnection, LLC	None
Martin	Amanda	PJM Interconnection	None
Marzewski	Skyler	PJM Interconnection	None
Mason	Gary	FirstEnergy Corporation	Transmission Owner
Matheson	Doug	Enel X North America, Inc.	Other Supplier
Matheson	Eric	Pennsylvania Public Utility Commission	None
Mathew	Lagy	PJM Interconnection, LLC	None
Matticola	Michele	PJM Interconnection, LLC	None
Matuszak	Alex	UGI Energy Services, LLC	Other Supplier
McCormick	Katharine	Illinois Commerce Commission	None
McDewell	Christian	Commonwealth of PA	None
McElwaine	Kathy	PJM Interconnection, LLC	None
McGill	Susan	PJM Interconnection, LLC	None
McGlynn	Paul	PJM Interconnection	None
McGovern	Jason	PJM Interconnection, LLC	None
McLaughlin	Jeffrey	PJM Interconnection, LLC	None
McLaverty	.Megan	PJM Interconnection, LLC	None
McNeil	Justin	Office of the Attorney General, Kentucky	End-Use Customer
McNicholas	Daniel	Cogentrix Virginia Financing Holding Company, LLC	Other Supplier
Meade Fogleman	Carrie		
Mefford	Mark		
Michna	Jake	Tios Capital, LLC	Other Supplier

Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Mihaly	Imola	Essential Power LLC	Generation Owner
Miller	Tom		
Miller	Ben	PJM Interconnection, LLC	None
Mohler	Tina	PJM Interconnection, LLC	None
Mok	Alan	Duke Energy Kentucky, Inc.	Transmission Owner
Mok	Alan	Duke Energy Kentucky, Inc.	Transmission Owner
Montgomery	Melinda		
Monzon	Stephanie	PJM Interconnection, LLC	None
Mooney	Molly	PJM Interconnection, LLC	None
Morelli	Lisa	PJM Interconnection	None
Moretti	Andrea	PJM Interconnection, LLC	None
Moscovitz	Daniel	PJM Interconnection, LLC	None
Moye	Bob	Rainbow Energy Marketing Corporation	Other Supplier
Mulhern	Joseph	PJM Interconnection, LLC	None
Murawski	Jim	PSEG Energy Resources & Trade LLC	Other Supplier
Nader	Jordan	RunnerStone, LLC	None
Napoli	Matthew		
Nareshkumar	Koushy	Potomac Electric Power Company	Electric Distributor
Newkirk	Alex	PJM Interconnection, LLC	None
Nice	Ryan	PJM Interconnection, LLC	None
Nicholas Jr Pietrantone	Joseph	Tennessee Valley Authority (The)	Other Supplier
Nichols	Ross	Adapt2 Solutions, Inc.	None
Nicoll	Rob		
Oakes	Brian	PJM Interconnection, LLC	None
O'Connell	Moira	PJM Interconnection, LLC	None
Ofoegbu	Chidi	PJM Interconnection, LLC	None
Olaleye	Michael	PJM Interconnection, LLC	None
OLeary	Chris	PSEG Energy Resources & Trade LLC	Other Supplier
Olinger	Robert	Gen Ops, LLC	Other Supplier
Ondayko	Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Oxford	Emily	Tennessee Valley Authority (The)	Other Supplier
Pacella	Christopher	PJM Interconnection, LLC	None
Pakela	Gregory	DTE Energy Trading, Inc.	Other Supplier

Parasram	Patrick	Rockland Electric Company	Transmission Owner
Parkhill	Ken	Grand Ridge Energy LLC	Generation Owner
Parks	Chastity	NRG Power Marketing LLC	Generation Owner
Paronish	Matt		
Parrot	Sarah	Public Utilities Commission of Ohio	None
Patel	Keyur	PJM Interconnection, LLC	None
Patel	Shodhan	Constellation Energy Generation, LLC	Generation Owner
Peebles	Andy	Saracen Energy East LP	Other Supplier
Peters	Michael	Messer, LLC	End-Use Customer
Phenix	Michael	TAQA Gen X LLC	Generation Owner
Philips	Marjorie	Direct Energy Business Marketing, LLC	Other Supplier
Phillips	Darlene	PJM Interconnection	None
Phillips	Amanda	Wabash Valley Power Association, Inc.	Electric Distributor
Pierpont	Dan		
Pilong	Christopher	PJM Interconnection, LLC	None
Polito	Christopher	Sidley Austin LLP	None
poray	michael	Hartree Partners, LP	Other Supplier
Porter	Derek	Tilton Energy, LLC	Generation Owner
Poulos	Greg	CAPS	None
Powers	Sean	Linde Energy Services, Inc.	None
Prokop	Brenda	None	None
Purdie	Michael	Dominion Virginia Power	None
Quevada	Jason	PJM Interconnection, LLC	None
R Vitiello	Jacqueline	Dominion Energy Generation Marketing, Inc.	Generation Owner
Raggio	Debra	Talen Energy Marketing, LLC	Generation Owner
Rainey	John	Northern Virginia Electric Cooperative	Electric Distributor
Ramsay	Eli	PJM Interconnection, LLC	None
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner
Reagan	Ryann	New Jersey Board of Public Utilities	None
Reffner	Brent	PJM Interconnection, LLC	None
Renda	Michael	VECO Power Trading, LLC	Other Supplier
Reyes	Elynor		
Riley	Patrick	Archer Contingent Energy Risk	None
Roberts	Sammy		
Robichaud	Donna	Geenex Solar LLC	Other Supplier

Robinson	Evelyn	PJM Interconnection, LLC	None
Robson	Matt	SESCO Enterprises, LLC	Other Supplier
Rocha Garrido	Patricio	PJM Interconnection, LLC	None
Rogers	Aaron	East Kentucky Power Cooperative, Inc.	Transmission Owner
Rohrbach	John	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Romero Luna	Joel	Monitoring Analytics, LLC	None
Rosner	David		
Rutigliano	Tom	Achieving Equilibrium LLC	None
Rutledge	Craig	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Saini	Ishwar	Macquarie Energy LLC	Other Supplier
Sansone	Michael		
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	None
Saxe	Barbara	Public Service Electric & Gas Company	Transmission Owner
Scalzo	Christina		
Scheidecker	Paul	Monitoring Analytics, LLC	None
Schmitt	Jeff	PJM Interconnection, LLC	None
Schmitt	David	New Jersey Board of Public Utilities	None
Schreim	Morris	Maryland Public Service Commission	None
Schroeder	Connie	Virginia Electric & Power Company	Transmission Owner
Schum	Alice	Illinois Municipal Electric Agency	Electric Distributor
Schuyler	Ken	PJM Interconnection, LLC	None
Scott	Nicole	PJM Interconnection, LLC	None
Seh	Matthew	SESCO Enterprises, LLC	Other Supplier
Selick	Sam	Customized Energy Solutions, Ltd.	None
Sells	Scott	East Kentucky Power Cooperative, Inc.	Transmission Owner
Servera	Max	Unicia Energy LP	Other Supplier
Shaffer	Chris	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Shah	Ruchi		
Shah	Vijay	PJM Interconnection, LLC	None
Shaughnessy	Mike	Duquesne Light Company	Transmission Owner
Shenk	Jordan	PJM Interconnection, LLC	None
Shepherd	Ryan		
Shields	Dan	ConEdison Energy, Inc.	Other Supplier
Shields	Jeff	PJM Interconnection, LLC	None

Shober	Maggie		
Sikora	cliff	Tilton Energy, LLC	Generation Owner
Sillin	John	The Federal Energy Regulatory Commission	None
Skucas	Ruta	K & L Gates	None
Slater	Andrew	State of Delaware	None
Slifer	Diane	Other	None
Sloan	Ben	Organization of PJM States, Inc. (OPSI)	None
Slocum	Tyson	Public Citizen, Inc.	None
Sock	Bryan	PSEG Energy Resources & Trade LLC	Other Supplier
Sorrels	Jim	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Souder	Rich	PJM Interconnection, LLC	None
Souder	Michelle	PJM Interconnection, LLC	None
STACK	JAMES	Duquesne Light Company	Transmission Owner
Stadelmeyer	Rebecca	Jersey Green Energy LLC	Other Supplier
Stanisz	Mark	PJM Interconnection	None
Stefanowicz	Vince	PJM Interconnection, LLC	None
Stein	Mike		
Steinbacher	Richard	Rockland Electric Company	Transmission Owner
Stemetzki	Michael	PJM Interconnection, LLC	None
Stern	Alex	Public Service Electric & Gas Company	Transmission Owner
Stickney	Michael	Duke Energy Ohio, Inc.	Transmission Owner
Stolz	Dave	Hoosier Energy REC, Inc.	End-Use Customer
Stone	Andy	PJM Interconnection, LLC	None
Stupar	Rob	Invenergy, LLC	Generation Owner
Sturgeon	John	Duke Energy Carolinas, LLC	Other Supplier
Sun	Haibin	Constellation Energy Services, Inc.	Other Supplier
Sunderman	Derek	Tradewind Energy, Inc.	None
Sussler	Philip	State of Maryland	None
Sweeney	Rory	Power Prose, Inc.	None
Sweet	Brian	PJM Interconnection	None
Tam	Simon	PJM Interconnection, LLC	None
Tay	Sing	AES Laurel Mountain, LLC	Generation Owner
Tezak	Christi		

Theodore	Sharon	Electric Power Supply Association	None
Tiemann	Jeff	PJM Interconnection, LLC	None
Tiwari	Ashu	Dayton Power & Light Company (The)	Transmission Owner
Tribulski	Jen	PJM Interconnection, LLC	None
Trost	Jason	Macquarie Energy LLC	Other Supplier
Tuck	Rick		
Tully	Carla		
Tuna	Erkan	PJM Interconnection, LLC	None
Tutino	Joseph	PJM Interconnection, LLC	None
Tyler	Catherine	Monitoring Analytics, LLC	None
Uhrin	Jim	Reliability First Corporation	None
Van Cleve	Brie		
VanderLaan	Bill	Illinois Commerce Commission	None
Vatter	Mary		
Voreis	Kreig		
W Plumb	David		
Walcavich	Colin	National Grid Renewables, LLC	None
Walker	Preston	PPL Electric Utilities Corp.	Transmission Owner
Wang	August		
Warren	Elizabeth	Tios Capital, LLC	Other Supplier
Warshel	Kim	PJM Interconnection, LLC	None
Waweru	James	PJM Interconnection, LLC	None
Webster	John	Dyon LLC	None
Wehnes	Kathleen	Maryland Public Service Commission	None
Wei	Jane	Monitoring Analytics, LLC	None
Weinant	Eric	Illinois Municipal Electric Agency	Electric Distributor
Whitehead	Jeff	GT Power Group	None
Williams	Nicholas		
Wilson	James	Wilson Energy Economics	None
Woodyard	Phil	WGL Energy Services, Inc.	Other Supplier
Wynder	Michael	PJM Interconnection, LLC	None
Xu	Xu	PJM Interconnection, LLC	None
Yang	Dan	Parma Energy LLC	None
Yasutake	Sarah	Jersey Green Energy LLC	Other Supplier
Ye	Ping	Public Service Electric & Gas Company	Transmission Owner
York	Josh		

York	Denver		
Youth	Michael	North Carolina Electric Membership Corporation	Electric Distributor
Yovanovich	Laura	PJM Interconnection, LLC	None
Yu	Haibin	Calpine Energy Services, L.P.	Generation Owner
Zamarro	Alexander	Enel X North America, Inc.	Other Supplier
Zemanek	Kevin	Buckeye Power, Inc.	Electric Distributor
Zhang	Michael	PJM Interconnection, LLC	None

## OC Subcommittee/ Task Force Informational Section

System Operations Subcommittee (SOS): [SOS Website](#)  
 Data Management Subcommittee (DMS): [DMS Website](#)  
 DER & Inverter-Based Resources Subcommittee (DIRS): [DIRS Website](#)  
 Synchronous Reserve Deployment Task Force: [SRDTF Website](#)  
 Dynamic Line Rating Task Force: [DLRTF Website](#)  
 IROL – CIP Cost Recovery: [IROL – CIP Cost Recovery Issue Tracker](#)

Future Meeting Dates and Materials			Materials Due to Secretary 	Materials Published
Date	Time	Location	5 p.m.	4 p.m.
February 09, 2023	9 a.m.	PJM Conference & Training Center and webex	January 30, 2023	February 02, 2023
March 09, 2023	9 a.m.	PJM Conference & Training Center and webex	February 27, 2023	March 02, 2023
April 13, 2023	9 a.m.	PJM Conference & Training Center and webex	April 03, 2023	April 06, 2023
May 11, 2023	9 a.m.	PJM Conference & Training Center and webex	May 01, 2023	May 04, 2023
June 08, 2023	9 a.m.	PJM Conference & Training Center and webex	May 29, 2023	June 01, 2023
July 13, 2023	9 a.m.	PJM Conference & Training Center and webex	July 03, 2023	July 06, 2023
August 10, 2023	9 a.m.	PJM Conference & Training Center and webex	July 31, 2023	August 03, 2023
September 07, 2023	9 a.m.	PJM Conference & Training Center and webex	August 28, 2023	August 31, 2023
October 05, 2023	9 a.m.	PJM Conference & Training Center and webex	September 25, 2023	September 28, 2023
November 02, 2023	9 a.m.	PJM Conference & Training Center and webex	October 23, 2023	October 26, 2023
December 07, 2023	9 a.m.	PJM Conference & Training Center and webex	November 27, 2023	November 30, 2023

Author: L. Strella Wahba

### Antitrust:

You may not discuss any topics that violate, or that might appear to violate, the antitrust laws including but not limited to agreements between or among competitors regarding prices, bid and offer practices, availability of service, product design, terms of sale, division of markets, allocation of customers or any

other activity that might unreasonably restrain competition. If any of these items are discussed the chair will re-direct the conversation. If the conversation still persists, parties will be asked to leave the meeting or the meeting will be adjourned.

#### Code of Conduct:

As a mandatory condition of attendance at today's meeting, attendees agree to adhere to the PJM Code of Conduct as detailed in PJM Manual M-34 section 4.5, including, but not limited to, participants' responsibilities and rules regarding the dissemination of meeting discussion and materials.

#### Public Meetings/Media Participation:

Unless otherwise noted, PJM stakeholder meetings are open to the public and to members of the media. Members of the media are asked to announce their attendance at all PJM stakeholder meetings at the beginning of the meeting or at the point they join a meeting already in progress. Members of the Media are reminded that speakers at PJM meetings cannot be quoted without explicit permission from the speaker. PJM Members are reminded that "detailed transcriptional meeting notes" and white board notes from "brainstorming sessions" shall not be disseminated. Stakeholders are also not allowed to create audio, video or online recordings of PJM meetings. PJM may create audio, video or online recordings of stakeholder meetings for internal and training purposes, and your participation at such meetings indicates your consent to the same.

#### Participant Identification in Webex:

When logging into the Webex desktop client, please enter your real first and last name as well as a valid email address. Be sure to select the "call me" option. PJM support staff continuously monitors Webex connections during stakeholder meetings. Anonymous users or those using false usernames or emails will be dropped from the teleconference.

#### On the Phone, Dial



to Mute/Unmute

#### Linking Teleconference Connection to Webex

When logging in to the meeting, access Webex first and select the "call me" feature to receive a direct call to your phone. Using this feature will connect your name to your Webex presence.

#### Join a Meeting

1. Join meeting in the Webex desktop client
2. Enter name (*First and Last\**) and corporate email
3. Under "Select Audio Option" select "Call Me" option from the dropdown menu

*\*Note: Anonymous users or those using false usernames or emails will be dropped from the teleconference.*

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