

Operating Committee
Webex/ PJM Conference & Training Center
June 08, 2023
9:00 a.m. – 12:30 p.m. EPT

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 May 11, 2023 OC meeting. **The Committee approved the draft minutes from the May 11, 2023 Operating Committee meeting with 0 objections and 0 abstentions.**
 - b. Reviewed the OC work plan.
 - c. Mike Bryson, PJM, reviewed the plan for a future Reliability Must Run (RMR) Problem Statement and Issue Charge.

Review of Operations

2. Review of Operating Metrics
Stephanie Schwarz, PJM, reviewed the May 2023 PJM operating metrics slides. Metrics included PJM's load forecast error, BAAL performance, and transmission / generation outage statistics.
3. Security Update
Steve McElwee, PJM, provided a security briefing.

Endorsements/Approvals

4. Outage Coordination
 - a. Paul Dajewski, PJM, provided a review of the PJM/PSEG/DC Energy proposed joint solution package.
 - b. Joe Bowring, IMM, provided a review of the IMM proposed solution package.
The committee endorsed the PJM/PSEG/DC Energy proposal with 193 (100%) in favor, 0 (0%) opposed, and 2 abstentions. A second vote showed stakeholders preferred the PJM proposal over status quo with 188 (100%) in favor, 0 (0%) opposed, and 2 abstentions. The committee did not endorse the IMM proposal B with 32 (17%) in favor, 157 (83%) opposed, and 6 abstentions. A second vote showed stakeholders did not prefer the IMM proposal over status quo with 32 (17%) in favor, 157 (83%) opposed, and 6 abstentions. The committee did not endorse the IMM proposal C with 32 (17%) in favor, 157 (83%) opposed, and 6 abstentions. A second vote showed stakeholders did not prefer the IMM proposal over status quo with 32 (17%) in favor, 156 (83%) opposed, and 6 abstentions.

The PJM/PSEG/DC Energy proposal will move on to the Market and Reliability Committee (MRC)

as the main motion with 100% support and 100% preference over status quo.

[Outage Coordination Issue Tracker](#)

First Reading

5. Manual 01: Control Center and Data Exchange Requirements
Ryan Nice, PJM, will provide an overview of Manual 01 changes as a part of the periodic review.
The Operating Committee will be asked to endorse these changes at its next meeting.
6. Manual 13: Emergency Operations
Donnie Bielak, PJM, provided an overview of Manual 13 changes as a part of the periodic review.
The Operating Committee will be asked to endorse these changes at its next meeting.
7. Manual 02: Transmission Service Request and PJM Regional Transmission and Energy Scheduling Practices
Heather Reiter, PJM, provided an overview of Manual 02 and PJM Regional Transmission and Energy Scheduling Practices to incorporate PJM Interconnection Process reform Tariff changes filed in Docket ER22-2110-000 and conditionally approved on November 22, 2022.
The Operating Committee will be asked to endorse these changes at its next meeting.

Additional Items

8. Regulation Performance Update
Ilyana Dropkin, PJM, provided an update on PJM regulation market performance.
9. Primary Frequency Response Update
Ross Kelly, PJM, provided an update on PJM primary frequency response performance.
10. Synchronized Reserve Performance Update
Dave Kimmel, PJM, provided a review of recent synchronized reserve performance.
11. EPA Proposals Update
Gary Helm, PJM, reviewed recent EPA proposals including Effluent Limitation Guidelines, Mercury and Air Toxics Standards, and GHG New Source Performance Standards.
12. Review of Transmission Outages During Summer Peak Period
Lagy Mathew, PJM, reviewed transmission outages occurring during the 2023 Summer Peak Period.
13. Order No. 881 Update and Next Steps
Mark Stanisz, PJM, provided an update on Order No. 881 compliance filings and implementation.
14. Reliability Compliance

Becky Davis, PJM, provided an overview on NERC, SERC, RF, and NAESB standards, and other pertinent regulatory and compliance information, and solicited feedback from the members on Reliability Compliance efforts.

15. 2023 RTO Wide Black Start RFP Process

Dan Bennett, PJM, provided an overview of the PJM Black Start Request for Proposal Process and present the overall milestones for the upcoming 2023 RTO Wide Black Start RFP Process.

Working Items

None

Informational Only Postings

16. System Operations Subcommittee (SOS)

Informational posting of the summary of the most recent SOS meeting.

Attendance

In-Person Attendance			
Last Name	First Name	Company	Sector
Patel (Facilitator)	Anita	PJM Interconnection, LLC	None
Strella Wahba (Secretary)	Lauren	PJM Interconnection, LLC	None
Anders	David	PJM Interconnection, LLC	None
Bryson	Michael	PJM Interconnection, LLC	None
Chmielewski	Brian	PJM Interconnection, LLC	None
Connelly	Matt	PJM Interconnection, LLC	None
Dajewski	Paul	PJM Interconnection, LLC	None
Davis	Becky	PJM Interconnection, LLC	None
Downs	Jere	PJM Interconnection, LLC	None
Fabiano	Janell	PJM Interconnection, LLC	None
Ford	Adrien	Constellation Energy	Generation Owner
Greening	Michele	PJM Interconnection, LLC	None
Hatch	Kevin	PJM Interconnection, LLC	None
Hoshmand	Mojtaba	PJM Interconnection, LLC	None
Helm	Gary	PJM Interconnection, LLC	None
Jarrah	Danny	PPL Electric Utilities Corp.	Transmission Owner
Kimmel	David	PJM Interconnection, LLC	None
Kirk	Steven	NextEra Energy Marketing, LLC	Other Supplier

Kogut	George	New York Power Authority	Other Supplier
Kshatriya	Niraj	PJM Interconnection, LLC	None
Leith-Yessian	Devin	RTO Insider	None
Mason	Gary	FirstEnergy	
McElwee	Steve	PJM Interconnection, LLC	None
McGlynn	Paul	PJM Interconnection, LLC	None
Pilong	Christopher	PJM Interconnection, LLC	None
Pincus	Steve	PJM Interconnection, LLC	None
Poulos	Greg	PJM Committee Voting Generic	None
Reiter	Heather	PJM Interconnection, LLC	None
Schroeder	Connie	Dominion Virginia Power	Transmission Owner
Scott	Nicole	PJM Interconnection, LLC	None
Stanisz	Mark	PJM Interconnection, LLC	None
Stern	Alex	Exelon Business Services	Transmission Owner
Sweeney	Rory	Power Prose, Inc.	None
Tribulski	Jennifer	PJM Interconnection, LLC	None
Webex Attendance			
Abdur-Rahman	Muhsin	Dynegy Marketing & Trade, LLC	Generation Owner
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
Arega	Robel	GlidePath Development, LLC	
Baizman	Aaron	PJM Interconnection, LLC	None
Barker	Jason	Vitol Inc.	Generation Owner
Barmer	Mike	Dominion Virginia Power	Transmission Owner
Barnett	Paul	Silver Run Electric, LLC	Transmission Owner
Benchek	Jim	American Transmission	Transmission Owner
Bennett	Daniel	PJM Interconnection, LLC	None
Bhuyan	Arjun		
Bielak	Donnie	PJM Interconnection, LLC	None
Bleiweis	Bruce	DC Energy LLC	Other Supplier
Bloodworth	Michelle	ACCCE	
Bowring	Joe	Monitoring Analytics	None
Boyle	Glen	PJM Interconnection, LLC	None
Brodbeck	John	EDP Renewables North America, LLC	Generation Owner
Brown	Richard	PJM Interconnection, LLC	None
Buonomo	Steven	PPL Electric Utilities Corp.	Transmission Owner

Callaghan	Christopher	PJM Interconnection, LLC	None
Callen	Zachary	Illinois Commerce Commission	None
Cao	Roger	PJM Interconnection, LLC	None
Carmean	Greg	OPSI	None
Chen	Hong	PJM Interconnection, LLC	None
Christopher	Mahila	Public Utilities Commission of Ohio (The)	None
Chu	George	PJM Interconnection, LLC	None
Ciabattoni	Joe	PJM Interconnection, LLC	None
Corash	Richard	PSEG Energy Resources	Other Supplier
Corder	Nick	Commonwealth Chesapeake	Generation Owner
Cosby	Sarah	Dominion Virginia Power	Transmission Owner
Croop	Danielle	PJM Interconnection, LLC	None
Crystle	Gil	UGI Development Company	Generation Owner
D'Antonio	Phil	PJM Interconnection, LLC	None
Dadourian	John	Monitoring Analytics, LLC	None
Daugherty	Danielle	ReliabilityFirst	None
Davis	James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
De La Mora	Luis	Strom Power, LLC	Other Supplier
DeGiusto Jr	Vince	UGI Utilities, Inc.	Transmission Owner
Del Olmo	Rizki	PJM Interconnection, LLC	None
DeSalvo	Russell	Commonwealth Edison Company	Transmission Owner
Dropkin	Robert	PJM Interconnection, LLC	None
Dropkin	Ilyana	PJM Interconnection, LLC	None
Dumitriu	Nick	East Kentucky Power Cooperative, Inc.	Transmission Owner
Egan	Amanda	PJM Interconnection, LLC	None
Everngam	Scott	Blue Horseshoe Energy, LLC	None
Fabiano	Janell	PJM Interconnection, LLC	None
Fan	Zhenyu	PJM Interconnection, LLC	None
Fassett	Ryan	PJM Interconnection, LLC	None
Fereshetian	Damon	PJM Interconnection, LLC	None
Fewless	Dwayne	ReliabilityFirst Corporation	None
Filomena	Guy	Customized Energy Solutions	None
Fink	Sari	American Wind Energy Association	None
Fitzpatrick	Brian	PJM Interconnection, LLC	None
Foladare	Kenneth (Ken)	Geenex Solar LLC	Other Supplier

Foster Cronin	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Frogg	Darrell	PJM Interconnection, LLC	None
Gilani	Rehan	RWE Clean Energy	Other Supplier
Gorman	Brad	American Transmission	Transmission Owner
Hauske	David	PJM Interconnection, LLC	None
Hauske	Tom	PJM Interconnection, LLC	None
Hehir	Flannan	Appian Way Energy Partners	Other Supplier
Heisey	Brad	Tenaska Pennsylvania	Generation Owner
Himmelspach	Treasa	Appalachian Power Company	Transmission Owner
Hicks	Dave		
Hislop	David	PJM Interconnection, LLC	None
Hoatson	Thomas (Tom)	LS Power Development, LLC	None
Hoey	Edward	PJM Interconnection, LLC	None
Horger	Tim	PJM Interconnection, LLC	None
Horning	Lynn Marie	American Municipal Power, Inc.	Electric Distributor
Hu	Yong	PJM Interconnection, LLC	None
Hudis	Gabriella	Jersey Green Energy, LLC	Other Supplier
Hull	Gerit	American Municipal Power	Electric Distributor
Hyatt	Earl	Monitoring Analytics, LLC	None
Hyzinski	Tom	GT Power Group	None
Iler	Art	Indiana Office of Utility Consumer Counselor	None
Janicki	Diane	Boston Energy Trading & Marketing, LLC	Other Supplier
Jardot	Gina	NRG Power Marketing LLC	Generation Owner
Johns	Lucas		
Johnson	Carl	Customized Energy Solutions, Ltd.*	None
Kauffman	Brian	Enel X North America, Inc.	Other Supplier
Kelly	Ross	PJM Interconnection, LLC	None
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kent	Janessa	Duquesne Light Company	Transmission Owner
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Kim	Sung	PJM Interconnection, LLC	None
Kinney	James		
Lai	Erin	PJM Interconnection, LLC	None
Le	Vy	PJM Interconnection, LLC	None


Lee	Ray	PJM Interconnection, LLC	None
Liang-Nicol	Cecilia	Allegheny Power	
Lockwood	Dan	PJM Interconnection, LLC	None
Lynn	Brian	PJM Interconnection, LLC	None
Mabry	David	McNees Wallace & Nurick LLC	None
Mali	Gizella	PJM Interconnection, LLC	None
Marsh	Rachael		
Mathew	Lagy	PJM Interconnection, LLC	None
Matticola	Michele	PJM Interconnection, LLC	None
Matuszak	Alex	UGI Energy Services, LLC	Other Supplier
Mayers	Sharon	Clean Energy Future	Generation Owner
McClelland	Maura	Public Utilities Commission of Ohio	End-Use Customer
McGill	Susan	PJM Interconnection, LLC	None
McLavery	Megan	PJM Interconnection, LLC	None
McNicholas	Daniels	Nautilus Power, LLC	Generation Owner
Messina	Emmy	PJM Interconnection, LLC	None
Midgley	Sharon	Exelon Business Services	Transmission Owner
Mihaly	Imola	Cogentrix Virginia Financing Holding Company, LLC	Other Supplier
Milla	Rigoberto	NextEra Energy Transmission, LLC	Transmission Owner
Monzon	Stephanie	PJM Interconnection, LLC	None
Moscovitz	Daniel	PJM Interconnection, LLC	None
Moye	Bob	Commonwealth Chesapeake	Generation Owner
Mulhern	Joseph	PJM Interconnection, LLC	None
Murawski	Jim	PSEG Energy Resources and Trade, LLC	Other Supplier
Oakes	Brian	PJM Interconnection, LLC	None
O'Donnell	Colleen	PUCO	None
Okenfuss	James	Savion, LLC	
Olaleye	Michael	PJM Interconnection, LLC	None
O'Leary	Chris	PSEG Energy Resources and Trade, LLC	Other Supplier
Olinger	Robert	Gen Ops, LLC	Other Supplier
Ondayko	Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Osborn	Eric	EDF Trading North America	Other Supplier
Parrot	Sarah	Public Utilities Commission of Ohio	None

Patel	Shodhan	Constellation Energy	Generation Owner
Peebles	Andy	Saracen Energy East LP	Other Supplier
Phenix	Michael	Red Oak Power, LLC	Generation Owner
Phillips	Darlene	PJM Interconnection, LLC	None
Pierpont	Dan		
Pilch	Joe	Duquesne Light Company	Transmission Owner
Pilong	Melissa	PJM Interconnection, LLC	None
Prokop	Brenda	LS Power Development, LLC	None
Rainey	John	Northern Virginia Electric Cooperative	Electric Distributor
Ramsay	Eli	PJM Interconnection, LLC	None
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner
Rohrbach	John	Wabash Valley Power	Electric Distributor
Rutledge	Craig	Appalachian Power Company	Transmission Owner
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	None
Scheidecker	Paul	Monitoring Analytics	None
Selick	Sam	Customized Energy Solutions	None
Sells	Scott	East Kentucky Power Cooperative, Inc.	Transmission Owner
Shaffer	Chris		
Sillin	John		
Sims	Mark	PJM Interconnection, LLC	None
Sloan	Ben	OPSI	None
Smith	Marcus	PJM Interconnection, LLC	None
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
Sprinkle	Dan	Louisville Gas and Electric Company/Kentucky Utilities Company	Transmission Owner
Stadelmeyer	Rebecca	Jersey Green Energy, LLC	Other Supplier
Stefanowicz	Vince	PJM Interconnection, LLC	None
Stemetzki	Michael	PJM Interconnection, LLC	None
Stone	Andy	PJM Interconnection, LLC	None
Sturgeon	John	Duke Energy Carolinas, LLC	Other Supplier
Suh	Jung	Calpine Energy Solutions, LLC	Other Supplier

Sunderman	Derek	Savion, LLC	
Swalwell	Brad	Tangent energy Solutions, Inc.	Other Supplier
Sweet	Brian	PJM Interconnection, LLC	None
Terranova	Chris	PJM Interconnection, LLC	None
Theodore	Sharon		
Ushijima	Hiroaki	Jpower USA	None
VanBlargan	Bryna	Sabinsville SunPower, LLC	
Walcavich	Colin		
Whitehead	Jeffrey (Jeff)	GT Power Group	None
Willoughby	Liz		
Yasutake	Sarah	Gabel and Associates	None
You	Cindy	Monitoring Analytics, LLC	None
Yovanovich	Laura	PJM Interconnection, LLC	None
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](#)
 Outage Coordination: [Outage Coordination Issue Tracker](#)
 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.
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.

Participant Use of Webex Chat:

The use of the Webex chat feature during meetings shall be primarily reserved for administrative and logistical purposes, such as managing a question or comment queue, noting technical difficulties, and meeting support or management purposes. Utilizing Webex chat for any other commentary should be limited to short phrases. Detailed commentary or substantive dialog shall be shared orally by entering the speaker queue.

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.*

Provide feedback on the progress of this group: [Facilitator Feedback Form](#)
Visit learn.pjm.com, an easy-to-understand resource about the power industry and PJM's role.