

**Operating Committee**  
**Webex Only**  
**March 11, 2021**  
**9:00 a.m. – 12:00 p.m. EST**

## Administration

1. Lauren Strella Wahba, PJM, provided announcements; review the Antitrust, Code of Conduct, Public Meetings/Media Participation, and the WebEx Participant Identification Requirement.
  - a. Reviewed and approved draft minutes from the February 11th OC meeting.
  - b. Reviewed the OC work plan.

## Review of Operations

2. Mike Bryson, PJM, announced that PJM would intervene in the FERC SEEMS proposal to preserve the right to comment later and updated the OC on Winter Operations efforts.
3. PJM COVID-19 Update  
Paul McGlynn, PJM, provided an update on PJM's operations plan in response to COVID-19.  
<https://pjm.com/committees-and-groups/pandemic-coordination.aspx>
4. Review of Operating Metrics  
Stephanie Monzon, PJM, reviewed the February 2021 PJM operating metrics slides. Metrics included PJM's load forecast error, BAAL performance, and transmission / generation outage statistics.

## Endorsements

5. Manual 37: Reliability Coordination  
Matthew Wharton, PJM, reviewed Manual 37 changes. **The Operating Committee endorsed the changes to Manual 37 by acclimation with 0 objections and 0 abstentions.**
6. Manual 02: Transmission Service Request  
Jeff McLaughlin, PJM, reviewed Manual 02 changes. **The Operating Committee endorsed the changes to Manual 37 by acclimation with 0 objections and 0 abstentions.**
7. Synchronized Reserve Event Actions and Expectations Problem Statement & Issue Charge  
Chris Pilog, PJM, reviewed the Problem Statement & Issue Charge for Synchronized Reserve Event Actions and Expectations. **The Operating Committee endorsed the Issue Charge by acclimation with 0 objections and 0 abstentions.**
8. Resource Tracker Ownership Confirmation Requirement Problem Statement & Issue Charge  
Chris Franks, PJM, reviewed a Quick Fix Problem Statement & Issue Charge to update language in Manual 14D Section 5.3.7 regarding the Resource Tracker Ownership Confirmation Requirement. **The Operating Committee vote to approve the Issue Charge and endorse the proposed solution as**

part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 passed with 100% support. There were 164 Yes votes, 0 No votes, and 1 Abstention. When asked if stakeholders support the proposal over status quo, the vote passed with 100% support. There were 134 Yes votes, 0 No Votes, and 1 Abstention.

9. Transmission Services Transmission Loading Relief (TLR) buy-through Problem Statement & Issue Charge

Chris Advena, PJM, will review a Quick Fix Problem Statement & Issue Charge to remove the TLR buy-through congestion process from the Schedule 1, section 1.10.6A of the Operating Agreement. **The Operating Committee vote to approve the Issue Charge and endorse the proposed solution as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 passed with 100% support. There were 125 Yes votes, 0 No votes, and 1 Abstention. When asked if stakeholders support the proposal over status quo, the vote passed with 100% support. There were 107 Yes votes, 0 No Votes, and 1 Abstention.**

## First Reading

10. IROL-CIP Cost Recovery

Darrell Frogg, PJM, provided a first read of the Problem Statement and Issue Charge addressing IROL-CIP Cost Recovery. **The Operating Committee will be asked to approve the Issue Charge at its next meeting.**

## Informational Update

11. System Operations Subcommittee (SOS) Report

Donnie Bielak, PJM, provided a summary of the most recent SOS meeting.

12. Regulation Performance Updates

Gabrielle Genuario, PJM, provided an update on PJM regulation market performance.

13. Frequency Response Review

Ilyana Dropkin, PJM, provided an update on PJM primary frequency response performance.

14. Synchronous Reserve Updates

David Kimmel, PJM, provided a review of recent synchronized reserve performance.

15. Transmission Line Ratings RM20-16 NOPR

Chris Pilog, PJM, provided an update on PJM's filing related to the RM20-16 NOPR.

16. NERC Lessons Learned

Donnie Bielak, PJM, reviewed the latest posted NERC Lessons Learned reports.

## 16. Reliability Compliance

Becky Davis, PJM, provided an update on NERC, SERC and RFC standards, and other pertinent regulatory and compliance information, and solicit feedback from the members on Reliability Compliance efforts.

### Attendance

Last Name	First Name	Company	Sector
Phillips (Chair)	Darlene	PJM Interconnection	Not Applicable
Strella Wahba (Secretary)	Lauren	PJM Interconnection	Not Applicable
Abend	Erik	None Member	None
Advena	Chris	PJM Interconnection	Not Applicable
Ament	Todd	Cube Hydro Partners, LLC	Generation Owner
Anders	David	PJM Interconnection	Not Applicable
Anderson	Jared	S&P Global Platts	Not Applicable
Baker	Jeff	PJM Connect	None
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Benchek	Jim	First Energy	Transmission Owner
Bennett	Dan	PJM Interconnection	Not Applicable
Berton	Tyler	AEP Energy Partners, Inc.	Transmission Owner
Bielak	Donnie	PJM Interconnection	Not Applicable
Bleiweis	Bruce	DC Energy	None
Bowker	Shannon	PJM Interconnection	Not Applicable
Boyd	Chris	Dynegy Marketing & Trade, LLC (DECAM)	Generation Owner
Boyle	Glen	PJM Interconnection	Not Applicable
Brady	George	Ohio Valley Electric Corporation	Transmission Owner
Braerman	Ken	BGE	None
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Bryson	Michael	PJM Interconnection	Not Applicable
Burlew	Jim	PJM Interconnection	Not Applicable
Cao	Roger	PJM Interconnection	Not Applicable
Capra	Carlo	ITC Interconnection LLC	Transmission Owner
Carmean	Gregory	Organization of PJM States, Inc. (OPSI)	Not Applicable
Carter	Karyn	Rockland Electric Company	Transmission Owner
Caven	Augustine	PJM Interconnection	Not Applicable
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Chen	Hong	PJM Interconnection	Not Applicable
Chen	Yang	PJM Interconnection	Not Applicable

Christopher	Mahila	Public Utilities Commission of Ohio	None
Chu	George	PJM Interconnection	Not Applicable
Croop	Danielle	PJM Interconnection	Not Applicable
Crystle	Gil	UGI Utilities, Inc.	Transmission Owner
Dacella	Chris	Public Service Electric & Gas	
D'Antonio	Philip	PJM Interconnection	Not Applicable
Davis	Jim	Dominion Energy Generation Marketing, Inc.	Generation Owner
Davis	Elizabeth	PJM Interconnection	Not Applicable
DeGiusto Jr	Vincent	UGI Utilities, Inc.	Transmission Owner
Dillon	Matt	UGI Energy Services, LLC	Other Supplier
Dolan	James	PJM Interconnection	Not Applicable
Dolan	Ryan	American Municipal Power, Inc.	Electric Distributor
Domian	Christin	Duquesne Light Company	Transmission Owner
Downs	Jere	PJM Interconnection	Not Applicable
Dropkin	Ilyana	PJM Interconnection	Not Applicable
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Egan	Amanda	PJM Interconnection	Not Applicable
Elkins	Rachel	American Transmission Systems, Inc.	Transmission Owner
Fabiano	Janell	PJM Interconnection	Not Applicable
Fan	Zhenyu	PJM Interconnection	Not Applicable
Fereshetian	Damon	PJM Interconnection	Not Applicable
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fitzpatrick	Brian	PJM Interconnection	Not Applicable
Foladare	Kenneth	Geenex Solar LLC	Generation Owner
Foley	Sheila	PJM Interconnection	Not Applicable
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Franks	Christine	PJM Interconnection	Not Applicable
Frogg	Darrell	PJM Interconnection	Not Applicable
Gahimer	Mike	IN Office of Utility Consumer Counselor	End-Use Customer
Garnett	Bryan	Duke Energy Business Services LLC	Transmission Owner
Gates	Terry	Appalachian Power Company (AEP Generation)	Transmission Owner
Genuario	Gabrielle	PJM Interconnection	Not Applicable
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Glatz	Suzanne	PJM Interconnection	Not Applicable
Gledhill	Andrew	PJM Interconnection	Not Applicable
Gluck	Jim	PJM Interconnection	Not Applicable

Grear	Mark	Exelon Generation Co., LLC	Generation Owner
Greening	Michele	PJM Interconnection	Not Applicable
Greiner	Gary	PSEG Energy Resources and Trade LL	Other Supplier
Grippe	Andrew	PJM Interconnection	Not Applicable
Guignet	Doug	PJM Interconnction	Not Applicable
Guntle	Vince	UGI Energy Services, LLC	Other Supplier
Hammack	Matthew	PPL Electric Utilities Corporation	Transmission Owner
Hastings	David	PJM Committee Voting Generic Account	None
Hatch	Kevin	PJM Interconnection	Not Applicable
Hauske	Tom	PJM Interconnection	Not Applicable
Heisey	Bradley	Wolf Hills Energy, LLC	Generation Owner
Herel	Suzanne	RTO Insider	None
Hoang	Liem	PJM Interconnection	Not Applicable
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Hoke	Michael	PJM Interconnection	Not Applicable
Horning	Lynn	Customized Energy Solutions, Ltd.	None
Horstmann	John	Dayton Power & Light Company	Transmission Owner
Howe	Cullen	Non Member	None
Hsia	Eric	PJM Interconnection	Not Applicable
Hudson	Wesley	Dominion Virginia Power	
Hull	Gerit	Jennings, Strouss & Salmon, P.L.C	Not Applicable
Hunter	Andy	Metropolitan Edison Company	Electric Distributor
Hyzinski	Tom	GT Power Group, LLC	None
Iler	Art	Indiana Office of Utility Consumer Counsel	End-User Customer
Janicki	Diane	BETM	None
Jens	Tom	Black Oak Capital, LLC	Other Supplier
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Johnston	Dave	Other	None
Josyula	Siva	Monitoring Analytics	Not Applicable
Kauffman	Brian	Enel X North America, Inc.	Other Supplier
Keenan	Matthew	Elwood Energy, LLC	Generation Owner
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kimmel	David	PJM Interconnection	Not Applicable
Kogut	George	New York Power Authority	Other Supplier
Konowal	Richard	PJM Interconnection	Not Applicable
Kovler	Ed	PJM Interconnection	Not Applicable
Libbos	Robin	First Energy	Transmission Owner

Lieberman	Steve	American Municipal Power, Inc.	Electric Distributor
Lowe	Connie	Dominion Virginia Power	Transmission Owner
Mabry	David	McNees Wallace & Nurick LLC	None
Mali	Givella	Energy Harbor LLC	Generation Owner
Marcino	Angelo	PJM Interconnection	Not Applicable
Markiewicz	Cindy	First Energy	None
Matuszha	Alex	PJM Interconnection	Not Applicable
Matuszak	Alex	UGI Energy Services, LLC	Other Supplier
Mazzacano	Ed		
Mcgee	Brandon	Customized Energy Solutions, Ltd.	None
McGlynn	Paul	PJM Interconnection	Not Applicable
McLaughlin	Jeffrey	PJM Interconnection	Not Applicable
McLaverty	Megan	PJM Interconnection	Not Applicable
Midgley	Sharon	Exelon Business Services Company, LC	Transmission Owner
Monzon	Stephanie	PJM Interconnection	Not Applicable
Muhl	Nancy	PJM Interconnection	Not Applicable
Mulhern	Joseph	PJM Interconnection	Not Applicable
Murphy	Shaun	PJM Interconnection	Not Applicable
Nix	Emma	Gabel Associates	None
O'Leary	Chris	PSEG Energy Resources & Trade LLC	Other Supplier
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Pacella	Chris	PJM Interconnection	Not Applicable
Pilong	Christopher	PJM Interconnection	Not Applicable
Pincus	Steve	PJM Interconnection	Not Applicable
Rodriguez	Tomás	OPSI	None
Rohrbach	John	Southern Maryland Electric Cooperative	Electric Distributor
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Schweizer	David	PJM Interconnection	Not Applicable
Schwertner	Cody	Silver Run Electric, LLC	Transmission Owner
Schuyler	Ken	PJM Interconnection	Not Applicable
Sillin	John	FERC	None
Sims	Ryan	Interstate Gas Supply, Inc.	Other Supplier
Souder	Richard	PJM Interconnection	Not Applicable
Souder	Michelle	PJM Interconnection	Not Applicable
Squibb	Bill	Ohio Valley Electric	Generation Owner
Stack	James	Duquesne Light Company	Transmission Owner
Stefanowicz	Vince	PJM Interconnection	Not Applicable

Stern	Alex	Public Service Electric & Gas Company	Transmission Owner
Stone	Andy	Other	None
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Sullivan	James	Neptune Regional Transmission System, LLC	Transmission Owner
Svenson	Heather	Public Service Electric & Gas Company	Transmission Owner
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	GT Power Group, LLC	None
Tam	Simon	PJM Interconnection	Not Applicable
Thomas	Jack	PJM Interconnection	Not Applicable
Tribulski	Jennifer	PJM Interconnection	Not Applicable
Wei	Jane	Monitoring Analytics	Not Applicable
Wharton	Matthew	PJM Interconnection	Not Applicable
Wharton	Ron	Public Service Electric & Gas Company	Transmission Owner
Whitehead	Jeff	GT Power Group	None
Woznyj	Michael	PJM Interconnection	Not Applicable
Yoder	Michael	RTO Insider	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](#)

System Restoration Coordinators Subcommittee (SRCS): [SRCS Website](#)

Fuel Requirements for Black Start Resources: [Fuel Req't. for Black Start Resources Issue Tracker](#)

## Future Meeting Dates

April 08, 2021	9:00 a.m.	WebEx
May 14, 2021	9:00 a.m.	WebEx
June 10, 2021	9:00 a.m.	WebEx
July 15, 2021	9:00 a.m.	TBD/ WebEx
August 12, 2021	9:00 a.m.	TBD/ WebEx
September 10, 2021	9:00 a.m.	TBD / WebEx
October 07, 2021	9:00 a.m.	TBD / WebEx
November 04, 2021	9:00 a.m.	TBD / WebEx
December 02, 2021	9:00 a.m.	TBD / WebEx



# Draft Meeting Minutes

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.

During a Meeting	During an Acclamation Vote
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>*1</b></p> <p>To enter the question queue (does not work during a vote)</p> </div> <div style="text-align: center;"> <p><b>*2</b></p> <p>To be removed from the question queue</p> </div> </div> <div style="text-align: center; margin-top: 20px;"> <p><b>*0</b></p> <p>To signal for PJM support staff assistance</p> </div>	<p>Please log in to the voting application at <a href="http://voting.pjm.com">voting.pjm.com</a>, so that you can be registered as the active voter prior to the start of the meeting.</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <p><b>*7</b></p> <p>Yes</p> </div> <div style="text-align: center;"> <p><b>*8</b></p> <p>No</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <p><b>*9</b></p> <p>Abstain</p> </div> <div style="text-align: center;"> <p><b>*0</b></p> <p>To signal for PJM support staff assistance</p> </div> </div>
<h3>Asking A Question</h3> <ul style="list-style-type: none"> <li>Dialing *1 enters you into the question queue; the three dial tones are an auditory indication that you have successfully been placed in the queue.</li> <li>Questions are taken during the meeting when natural breaks occur and are asked in the order they are received.</li> </ul>	
<h3>Linking Teleconference Connection to Webex</h3> <p>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.</p>	





# Draft Meeting Minutes

## Join a Meeting

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3. Call in to the operator-assisted number

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

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Visit [learn.pjm.com](http://learn.pjm.com), an easy-to-understand resource about the power industry and PJM's role.