

**Operating Committee**  
**WebEx Only**  
**June 10, 2021**  
**9:00 a.m. – 2:00 p.m. EDT**

## 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 the draft minutes from the May 14th OC meeting. The Committee approved the draft minutes from the May 14, 2021 Operating Committee meeting with 0 objections and 0 abstentions.
  - b. Reviewed the OC work plan.

## Review of Operations

2. 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>
  - A. Paul announced that the PJM Manual 1 Attachment F, (PJM's guidance for Market Operations Centers to conduct remote operations during the COVID-19 Pandemic) set to expire on June 30th, 2021 has been extended through December 31, 2021.  
  
It was requested by stakeholders to not sunset Attachment F and to instead expand Attachment F to include other triggers for when a member may need to go to a remote MOC operation. PJM will draft proposed changes to the Attachment F language and bring back to the OC at a future date (prior to the December 31, 2021 expiration date).
3. Review of Operating Metrics  
Stephanie Monzon, PJM, reviewed the May 2021 PJM operating metrics slides. Metrics included PJM's load forecast error, BAAL performance, and transmission / generation outage statistics.  
  
It was requested that future presentations include a slide detailing shortage cases from the month in review.

## Endorsements/Approvals

There were no endorsements or approvals this month.

## First Reading

4. Manual 13: Emergency Operations  
Rebecca Carroll, PJM, reviewed Manual 13 changes. **The Operating Committee will be asked to endorse these changes at its next meeting.**

## Informational Update

5. Fuel Security Update  
Brian Fitzpatrick, Patricio Rocha Garrido, and Natalie Tacka, PJM, presented details about the methodology used in the 2021 Fuel Security analysis as well as preliminary results of the analysis.
6. System Operations Subcommittee (SOS) Report  
Rebecca Carroll, PJM, provided a summary of the most recent SOS meeting.
7. Primary Frequency Response Update  
Ilyana Dropkin, PJM, provided an update on PJM primary frequency response performance.
8. Regulation Performance Update  
Gabby Genuario, PJM, provided an update on PJM regulation market performance.
9. Synchronous Reserve Update  
Dave Kimmel, PJM, provided a review of recent synchronized reserve performance.
10. Generating Facility Cold Weather Operating Limits Periodic Survey  
Vince Stefanowicz, PJM, discussed the development of a planned survey related to the Generating Facility cold weather operating limits.
11. NERC Lessons Learned  
Donnie Bielak, PJM, reviewed the latest posted NERC Lessons Learned reports.
12. PJM Restoration Drills Review  
Brian Lynn, PJM, provided a review of the PJM Restoration Drills performed during COVID for both 2020 and 2021.
13. Reliability Compliance Update  
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.
14. IRC Comments on Supply Chain Management RFI  
Steve McElwee and Jim Burlew, PJM, provided a summary of the joint IRC comments filed on the Second 2021 DOE Supply Chain Management Request for Information (RFI).  
<https://www.pjm.com/-/media/documents/ferc/filings/2021/20210607-comments-of-the-iso-rto-council.ashx>.

## Working Items

## Informational Only Postings

## Attendance

Last Name	First Name	Company	Sector
Phillips (Chair)	Darlene	PJM Interconnection	Not Applicable
Strella Wahba (Secretary)	Lauren	PJM Interconnection	Not Applicable
Anders	David	PJM Interconnection	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
Bloodworth	Michelle	ACCCE	None
Borgatti	Mike	Gabel and Associates	None
Boyle	Glen	PJM Interconnection	Not Applicable
Braerman	Ken	BGE	None
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Brown	Rich	PJM Interconnection	Not Applicable
Bryson	Michael	PJM Interconnection	Not Applicable
Burlew	Jim	PJM Interconnection	Not Applicable
Capra	Carlo	ITC Interconnection LLC	Transmission Owner
Carmean	Gregory	Organization of PJM States, Inc. (OPSI)	Not Applicable
Carroll	Rebecca	PJM Interconnection	Not Applicable
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Chen	Hong	PJM Interconnection	Not Applicable
Chu	George	PJM Interconnection	Not Applicable
Dajewski	Paul	PJM Interconnection	Not Applicable
D'Alessandris	Lou	FirstEnergy Corporation	Transmission Owner
D'Antonio	Philip	PJM Interconnection	Not Applicable
Davis	Elizabeth	PJM Interconnection	Not Applicable
Davis	Jim	Dominion Energy Generation Marketing, Inc.	Generation Owner
DeGiusto	Vincent	UGI Development Company	Generation Owner
Dolan	James	PJM Interconnection	Not Applicable

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	FirstEnergy Corporation	Transmission Owner
Fabiano	Janell	PJM Interconnection	Not Applicable
Falin	Tom	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
Frogg	Darrell	PJM Interconnection	Not Applicable
Gates	Terry	Appalachian Power Company (AEP Generation)	Transmission Owner
Genuario	Gabrielle	PJM Interconnection	Not Applicable
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Glatz	Sue	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
Guignet	Doug	PJM Interconnection	Not Applicable
Guntle	Vince	UGI Energy Services, LLC	Other Supplier
Hammack	Matthew	PPL Electric Utilities Corporation	Transmission Owner
Hanebuth	Michele	Consolidated Edison Company of New York, Inc.	Transmission Owner
Heisey	Bradley	Wolf Hills Energy, LLC	Generation Owner
Hislop	David	PJM Interconnection	Not Applicable
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Horning	Lynn	Customized Energy Solutions, Ltd.	None
Horstmann	John	Dayton Power & Light Company	Transmission Owner
Hsia	Eric	PJM Interconnection	Not Applicable
Hudis	Gabriella	Jersey Green Energy LLC	Other Supplier
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Hyzinski	Tom	GT Power Group, LLC	None
Johnson	Carl	Customized Energy Solutions, Ltd.	None

Johnston	Dave	Indiana Utility Regulatory Commission	None
Kelley	Ryan	Duke Energy Ohio, Inc.	Transmission Owner
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kilgallen	Kevin	Avangrid Renewables LLC	Generation Owner
Kimmel	David	PJM Interconnection	Not Applicable
Kogut	George	New York Power Authority	Other Supplier
Lynn	Brian	PJM Interconnection	Not Applicable
Mabry	David	McNees Wallace & Nurick LLC	None
Markiewicz	Cindy	First Energy	None
Matuszak	Alex	UGI Energy Services, LLC	Other Supplier
McElwee	Steve	PJM Interconnection	Not Applicable
McGlynn	Paul	PJM Interconnection	Not Applicable
Midgley	Sharon	Exelon Business Services Company, LC	Transmission Owner
Monzon	Stephanie	PJM Interconnection	Not Applicable
Mulhern	Joe	PJM Interconnection	Not Applicable
Oakes	Brian	PJM Interconnection	Not Applicable
Olaley	Michael	PJM Interconnection	Not Applicable
O'Leary	Christopher	PSEG Energy Resources & Trade LLC	Other Supplier
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Pilong	Christopher	PJM Interconnection	Not Applicable
Pincus	Steve	PJM Interconnection	Not Applicable
Poulos	Greg	CAPS	Not Applicable
Rainey	John	Northern Virginia Electric Cooperative	Electric Distributor
Robinson	Becky	Vistra Energy Marketing, L.P.	Other Supplier
Rocha-Garrido	Patricio	PJM Interconnection	Not Applicable
Rodriguez	Tomás	OPSI	None
Rohrbach	John	Southern Maryland Electric Cooperative	Electric Distributor
Rooney	Alexa	PPL Electric Utilities Corp	Transmission Owner
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Schmitt	Jeffery	PJM Interconnection	Not Applicable
Schweizer	David	PJM Interconnection	Not Applicable
Schwertner	Cody	Silver Run Electric, LLC	Transmission Owner
Sells	Scott	East Kentucky Power Cooperative, Inc.	Transmission Owner
Sillin	John	FERC	None
Sotkiewicz	Paul	E-Cubed Policy Associates	Not Applicable

Souder	Michelle	PJM Interconnection	Not Applicable
Stack	James	Duquesne Light Company	Transmission Owner
Stefanowicz	Vince	PJM Interconnection	Not Applicable
Stern	Alex	Public Service Electric & Gas Company	Transmission Owner
Stone	Andy	PJM Interconnection	Not Applicable
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Svenson	Heather	Public Service Electric & Gas Company	Transmission Owner
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Tacka	Natalie	PJM Interconnection	Not Applicable
Tam	Simon	PJM Interconnection	Not Applicable
Thomas	Jack	PJM Interconnection	Not Applicable
Tribulski	Jennifer	PJM Interconnection	Not Applicable
Ward	Mike	PJM Interconnection	Not Applicable
Watkin	Erik	PJM Interconnection	Not Applicable
Whitehead	Jeff	GT Power Group	None
Yoder	Michael	RTO Insider	None
Zhang	Michael	PJM Interconnection	Not Applicable

## 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](#)

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

Synchronous Reserve Deployment Task Force: [SRDTF 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.
July 15, 2021	9 a.m.	WebEx	July 5, 2021	July 8, 2021
August 12, 2021	9 a.m.	WebEx	August 2, 2021	August 5, 2021
September 10, 2021	9 a.m.	WebEx	August 31, 2021	September 3, 2021
October 07, 2021	9 a.m.	WebEx	September 27, 2021	September 30, 2021



# Draft Meeting Minutes

November 04, 2021	9 a.m.	WebEx	October 25, 2021	October 28, 2021
December 02, 2021	9 a.m.	WebEx	November 22, 2021	November 25, 2021

Author: L. Stella 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>
<h4>Asking A Question</h4> <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>	
<h4>Linking Teleconference Connection to Webex</h4> <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>	

## Join a Meeting

1. Join meeting in the Webex desktop client
2. Enter name (*First and Last\**) and corporate email
3. Call in to the operator-assisted number

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