

Operating Committee  
WebEx Only  
May 14, 2021  
9:00 a.m. – 12:00 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 and approved the draft minutes from the April 8th OC meeting. The Committee approved the draft minutes from the April 8, 2021 Operating Committee meeting with 1 objection and 1 abstention.
  - b. Reviewed the OC work plan.
  - c. Reviewed and approved the OC Charter. **The Committee approved by acclimation the OC Charter language with 1 objection and 0 abstentions.**

## 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 McGlynn, PJM, provided a statement regarding PJM's review of the Colonial Pipeline event.
3. Review of Operating Metrics  
Hong Chen, PJM, reviewed the April 2021 PJM operating metrics slides. Metrics will include PJM's load forecast error, BAAL performance, and transmission / generation outage statistics.

## Endorsements/Approvals

4. Manual 03: Transmission Operations  
Lagy Mathew, PJM, reviewed Manual 03 changes. **The Operating Committee endorsed by acclimation the changes to Manual 03. There was 1 objection and 0 abstentions.**
5. Manual 36: System Restoration  
Rich Brown, PJM, reviewed Manual 36 changes. **The Operating Committee endorsed by acclimation the changes to Manual 36. There were 0 objections and 0 abstentions.**

## First Reading

## Informational Update (9:45-12:00)

6. System Operations Subcommittee (SOS) Report  
Rebecca Carroll, PJM, provided a summary of the most recent SOS meeting.
7. Winter Operations Assessment Follow-Up: Load Shed  
Paul McGlynn, PJM, provided an update on Load Shed efforts that are part of PJM's Winter Operations Assessment.
8. Real Time Value (RTV) Markets Gateway Change  
Tong Zhao, PJM, provided a review of the recent modification to Markets Gateway following the change to the RTV market rules.
9. Operations Assessment Task Force (OATF) Review  
Todd Bickel, PJM, reviewed the results of the summer 2021 OATF Study.
10. PHI Transmission Facility Rating Change Communications  
Doug Dale, Exelon, discussed PHI transmission facility rating changes.
11. System Resilience Update  
Chris Pilong, PJM, provided an update on System Resilience.
12. NERC Lessons Learned  
Donnie Bielak, PJM, reviewed the latest posted NERC Lessons Learned reports.
13. Reliability Compliance Update  
Becky Davis, PJM, provided an update on NERC, SERC and RFC standards, and other pertinent regulatory and compliance information, and solicited feedback from the members on Reliability Compliance efforts.

## 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
Barmer	Michael	Dominion Virginia Power	Not Applicable
Benchek	Jim	First Energy	Transmission Owner

Bennett	Dan	PJM Interconnection	Not Applicable
Berton	Tyler	AEP Energy Partners, Inc.	Transmission Owner
Bickel	Todd	PJM Interconnection	Not Applicable
Bielak	Donnie	PJM Interconnection	Not Applicable
Blair	Tom	Monitoring Analytics, LLC	None
Bleiweis	Bruce	DC Energy	None
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
Caven	Augustine	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
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Croop	Danielle	PJM Interconnection	Not Applicable
Curtis	Kenneth		
Dale	Doug	PECO Energy Company	Transmission Owner
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
Domian	Christin	Duquesne Light Company	Transmission Owner
Downs	Jere	PJM Interconnection	None
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Egan	Amanda	PJM Interconnection	Not Applicable
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
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Frogg	Darrell	PJM Interconnection	Not Applicable

Gahimer	Mike	IN Office of Utility Consumer Counselor	End-Use Customer
Gates	Terry	Appalachian Power Company (AEP Generation)	Transmission Owner
Gebele	Don	Dayton Power & Light	Transmission Owner
Genuario	Gabrielle	PJM Interconnection	Not Applicable
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Grear	Mark	Exelon Generation Co., LLC	Generation Owner
Greiner	Gary	PSEG Energy Resources and Trade LL	Other Supplier
Grippe	Andrew	PJM Interconnection	Not Applicable
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
Hoang	Liem	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
Hunter	Andy	Metropolitan Edison Company	Electric Distributor
Hyzinski	Tom	GT Power Group, LLC	None
Janicki	Diane	BETM	None
Jardot	Gina	Essential Power Rock Springs, LLC	Generation Owner
Jeong	Hyo	DC Energy	Other Supplier
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Keegan	Jack	PJM Interconnection, LLC	Not Applicable
Kilgallen	Kevin	Avangrid Renewables LLC	Generation Owner
Kimmel	David	PJM Interconnection	Not Applicable
Kogut	George	New York Power Authority	Other Supplier
Krawczyk	Leslie	Reliability First	Not Applicable
Lee	Ray	PJM Interconnection	Not Applicable
Lowe	Connie	Dominion Virginia Power	Transmission Owner
Lynn	Brian	PJM Interconnection	Not Applicable
Mabry	David	McNees Wallace & Nurick LLC	None
Mali	Gizella	PJM Interconnection	Not Applicable
Markiewicz	Cindy	First Energy	None
Mathew	Lagy	PJM Interconnection	Not Applicable
McGlynn	Paul	PJM Interconnection	Not Applicable
Mcguire	Bobby	Dominion Virginia Power	None

Midgley	Sharon	Exelon Business Services Company, LC	Transmission Owner
Militello	Nicole	PJM Interconnection	Not Applicable
Mulhern	Joe	PJM Interconnection	Not Applicable
Murphy	Shaun	PJM Interconnection	Not Applicable
Nix	Emma	Gabel Associates	None
Oakes	Brian	PJM Interconnection	Not Applicable
Olaley	Michael	PJM Interconnection	Not Applicable
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Pakela	Gregory	DTV Energy Trading, Inc.	Other Supplier
Pilong	Christopher	PJM Interconnection	Not Applicable
Pincus	Steve	PJM Interconnection	Not Applicable
Poulos	Greg	CAPS	Not Applicable
Proconiar	Jason	Dayton Power & Light Company	Transmission Owner
Rainey	John	Northern Virginia Electric Cooperative	Electric Distributor
Rodriguez	Tomás	OPSI	None
Rohrbach	John	Southern Maryland Electric Cooperative	Electric Distributor
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Schweizer	David	PJM Interconnection	Not Applicable
Schwertner	Cody	Silver Run Electric, LLC	Transmission Owner
Sotkiewicz	Paul	E-Cubed Policy Associates	Not Applicable
Souder	Michelle	PJM Interconnection	Not Applicable
Squibb	Bill	Ohio Valley Electric Corp	Transmission Owner
Stack	James	Duquesne Light Company	Transmission Owner
Stern	Alex	Public Service Electric & Gas Company	Transmission Owner
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Sullivan	James	Neptune Regional Transmission System, LLC	Transmission Owner
Sun	Haibin	Constellation Energy Services, Inc.	Other Supplier
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
Whitehead	Jeff	GT Power Group	None
Wisersky	Megan	Madison Gas & Electric Company	Other Supplier
Yoder	Michael	RTO Insider	None



Zhang	Michael	PJM Interconnection	Not Applicable
Zhao	Tong	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](#)

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

Fuel Requirements for Black Start Resources: [Fuel Req. 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.
June 10, 2021	9 a.m.	WebEx	May 31, 2021	June 3, 2021
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
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

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### 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>
<p><b>Asking A Question</b></p> <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>	
<p><b>Linking Teleconference Connection to Webex</b></p> <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>	

<h2>Join a Meeting</h2>	<ol style="list-style-type: none"> <li>1. Join meeting in the Webex desktop client</li> <li>2. Enter name (<i>First and Last*</i>) and corporate email</li> <li>3. Call in to the operator-assisted number</li> </ol>
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*\*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.