

**Operating Committee**  
**Webex Only**  
**January 13, 2020**  
**9:00 a.m. – 11:30 a.m. EPT**

## Administration (9:00-9:15)

1. Darlene Phillips, PJM and Danielle Croop, PJM, provided announcements; reviewed the Antitrust, Code of Conduct, Public Meetings/Media Participation, and the WebEx Participant Identification Requirement.
  - a. Draft minutes for the December 3rd OC meeting were reviewed and approved.
  - b. The OC work plan was reviewed.

## Review of Operations (9:15-9:30)

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>
3. Review of Operating Metrics  
Stephanie Monzon, PJM, reviewed the December 2020 PJM operating metrics slides. Metrics included PJM's load forecast error, BAAL performance, and transmission / generation outage statistics.

## Endorsements (9:30-10:00)

4. Manual 12: Balancing Operations  
Kevin Hatch, PJM, reviewed Manual 12 changes. The Operating Committee endorsed the changes to Manual 12 with 0 objections and 0 abstentions.
5. Manual 13: Emergency Operations  
Kevin Hatch, PJM, reviewed Manual 13 changes. The Operating Committee endorsed the changes to Manual 13 with 0 objections and 0 abstentions..
6. Manual 38: Operations Planning  
Liem Hoang, PJM, reviewed Manual 38 changes. The Operating Committee endorsed the changes to Manual 38 with 0 objections and 0 abstentions.
7. System Operations Subcommittee (SOS) Charter Review  
Paul Dajewski, PJM, reviewed the proposed charter update for the System Operations Subcommittee (SOS). The Operating Committee approved the changes to the SOS Charter with 0 objections and 0 abstentions.
8. System Restoration Coordinators Subcommittee (SRCS) Sunset Proposal

Brian Lynn, PJM, reviewed a proposal to sunset the System Restoration Coordinators Subcommittee (SRCS). The Operating Committee approved the SRCS Sunset proposal with 0 objections and 0 abstentions.

## First Reading (10:00-10:15)

9. Manual 40: Training and Certification Requirements

Michael Hoke, PJM, reviewed Manual 40 changes. The Operating Committee will be asked to endorse these changes at its next meeting.

10. TO/TOP Matrix Review

Mark Kuras, PJM, reviewed Version 15 of the TO/TOP Matrix. The Operating Committee will be asked to recommend the TOA-AC approve the TO/TOP Matrix at its next meeting.

## Informational Update (10:15-11:00)

11. System Operations Subcommittee (SOS) Report

Rebecca Carroll, PJM, provided a summary of the most recent SOS meeting.

12. PPL Dynamic Line Ratings

Shadab Ali, PPL, presented PPL's Dynamic Line Ratings (DLR) implementation plan. Chair Phillips announced additional education will be provided to the Operating Committee in coming meetings around DLR implementation and operational activities.

13. Unit Specific Parameter 2021/2022 DY Update

Tom Hauske, PJM, provided an update on Unit Specific Parameters for the 2021/2022 DY.

14. Reliability Compliance Update

Becky Davis, PJM, provided an update on NERC, SERC and RFC standards, and other pertinent regulatory and compliance information.

## Attendance

Last Name	First Name	Company Name	Sector
Phillips (Chair)	Darlene	PJM Interconnection	Not Applicable
Croop (Secretary)	Danielle	PJM Interconnection	Not Applicable
Abdur-Rahman	Muhsin	Vistra Energy	None
Ali	Shadab	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Ament	Todd	Cube Hydro Partners, LLC	Generation Owner
Anders	David	PJM Interconnection	Not Applicable

Baker	Jeff	PJM Connect	None
Balascak	Andrew	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Barmer	Mike	Dominion Virginia Power (EDC)	Transmission Owner
Beban	Madalyn	PJM Interconnection	Not Applicable
Bennett	Daniel	PJM Interconnection	Not Applicable
Berton	Tyler	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Bielak	Donnie	PJM Interconnection	Not Applicable
Bleiweis	Bruce	DC Energy, LLC	None
Bowen	Brandon	URC	None
Boyd	Chris	Dynergy Marketing & Trade, LLC (DECAM)	Generation Owner
Boyle	Glen	PJM Interconnection	Not Applicable
Brady	George	Ohio Valley Electric Corporation	Transmission Owner
Braerman	Kenneth	Baltimore Gas and Electric Company (TO)	Transmission Owner
Briggs	Mark	Direct Energy Business Marketing, LLC (Brandywine)	Other Supplier
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Bryson	Michael	PJM Internal	None
Buhler	Thomas	PJM Connect	None
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.	None
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
Ciabattoni	Joseph	PJM Interconnection	Not Applicable
Cocco	Michael	Old Dominion Electric Cooperative	Electric Distributor
Crystle	Gil	UGI Development Company	Generation Owner
Dajewski	Paul	PJM Interconnection	Not Applicable
D'Alessandris	Louis	American Transmission Systems, Inc.	Transmission Owner
Dantonio	Phil	PJM Interconnection	Not Applicable
Davis	Elizabeth	PJM Interconnection	Not Applicable
DeGiusto Jr.	Vincent	UGI Utilities, Inc.	Transmission Owner
Domian	Christin	Duquesne Light Company	Transmission Owner
Downs	Jere	PJM Connect	None
Dropkin	Ilyana	PJM Interconnection	Not Applicable
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Dumitriu	Nicolae	PJM Interconnection	Not Applicable
Elkins	Rachel	American Transmission Systems, Inc.	Transmission Owner
Fabiano	Janell	PJM Interconnection	Not Applicable
fan	zhenyu	PJM Interconnection	Not Applicable
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Foladare	Kenneth	Geenex Solar LLC	Generation Owner
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
Grear	Mark	Exelon Generation Co., LLC	Generation Owner
Greening	Michele	PJM Interconnection	Not Applicable
Greiner	Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Hammack	Matthew	PPL Electric Utilities Corp. dba PPL Utilities (TO)	None
Hanebuth	Michele	ORU	None
Hastings	David	None	None
Hatch	Kevin	PJM Interconnection	Not Applicable
Hauske	Thomas	PJM Interconnection	Not Applicable
Hislop	David	PJM Interconnection	Not Applicable
Hoang	Liem	PJM Connect	None
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Hoke	Michael	PJM Interconnection	Not Applicable
Horning	Lynn Marie	Customized Energy Solutions, Ltd.	None
Hsia	Eric	PJM Interconnection	Not Applicable
Hyzinski	Tom	gtpghyzinsk	None
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jens	Thomas	Black Oak Capital, LLC	Other Supplier

Johnson	Carl	Customized Energy Solutions, Ltd.	None
Johnston	David	Other	None
Kauffman	Brian	Enel X North America, Inc.	Other Supplier
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
Krawczyk	Leslie	Other	None
Kuras	Mark	PJM Interconnection	Not Applicable
Libbos	Robin	Allegheny Power (MonPwr Gen)	Transmission Owner
LOWE	CONNIE	Dominion Virginia Power	Transmission Owner
Lynn	Brian	PJM Interconnection	Not Applicable
Mabry	David	McNees Wallace & Nurick LLC	None
Markiewicz	Cindy	First Energy	None
Matheson	Eric	PA PUC	None
Matuszak	Alex	UGI Energy Services, LLC	Other Supplier
McGlynn	Paul	PJM Interconnection	Not Applicable
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Monzon	Stephanie	PJM Interconnection	Not Applicable
Mulhern	Joseph	PJM Interconnection	Not Applicable
Murphy	Shaun	PJM Interconnection	Not Applicable
Okenfuss	James	Savion, LLC	None
Olaley	Michael	PJM Interconnection	Not Applicable



O'Leary	Christopher	PSEG Energy Resources and Trade LLC	Other Supplier
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Pilong	Christopher	PJM Interconnection	Not Applicable
Pincus	Steven	PJM Interconnection	Not Applicable
Poulos	Greg	PJM Committee Voting Generic Account	
Proconiar	Jason	Buckeye Power, Inc.	Electric Distributor
Rodriguez	Tomas	Organization of PJM States, Inc.	None
Rooney	Alexa	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Schweizer	David	PJM Interconnection	Not Applicable
Schwertner	Cody	Silver Run Electric, LLC	Transmission Owner
Sillin	John	Federal Energy Regulatory Commission	None
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Souder	Michelle	PJM Interconnection	Not Applicable
Squibb	Bill	Ohio Valley Electric Corporation	Transmission Owner
Stefanowicz	Vincent	PJM Interconnection	Not Applicable
Stern	Alexander	Public Service Electric & Gas Company	Transmission Owner

Stone	Andy	Andy Stone	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
Thomas	Henry	PJM Interconnection	Not Applicable
Tribulski	Jennifer	PJM Interconnection	Not Applicable
Wei	Jane	Monitoring Analytics	None
Whitehead	Jeffrey	GT Power Group	
Wisersky	Megan	Madison Gas & Electric Co.	Other Supplier
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

February 11, 2021	9:00 a.m.	WebEx
March 11, 2021	9:00 a.m.	WebEx
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

Author: D. Croop

**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>	

## 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.*

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