

Operating Committee

PJM Conference and Training Center

February 6, 2020

9:00 a.m. – 12:00 p.m. EPT

Administration (9:00-9:10)

1. Ms. Danielle Croop, PJM, provided announcements; reviewed the Antitrust, Code of Conduct, Public Meetings/Media Participation, and the WebEx Participant Identification Requirement.
 - a. The Operating Committee (OC) agenda for this meeting was approved, with the revisions of removing Item 9 from the agenda and moving Item 14 to informational only.
 - b. The draft minutes of the January 09 OC meeting were approved by acclamation with 0 objections and 0 abstentions.
 - c. The OC work plan was reviewed.

Review of Operations (9:10- 9:20)

2. Review of Operating Metrics
Ms. Stephanie Monzon, PJM, will reviewed the January 2020 PJM operating metrics slides. Metrics included PJM's load forecast error, BAAL performance, transmission / generation outage statistics, and Perfect Dispatch historical performance.

Endorsements/Approvals (9:20- 9:30)

3. PJM Manuals
 - a. Manual 40 Changes
Mr. William DePasquale, PJM, will review the proposed changed to PJM Manual 40: Training and Certification Requirements. The Operating Committee endorsed the proposed changes by acclamation with 0 objections and 0 abstentions.
4. TO/TOP Matrix Review
Mr. Srinivas Kappagantula, PJM will review the TO/TOP Matrix V14. The Operating Committee endorsed the recommendation to the TOA-A by acclamation with 0 objections and 0 abstentions.

First Reading (9:25- 10:30)

5. Deferred
6. OC/MIC Special Session: Fuel Requirements for Black Start Resources
Ms. Janell Fabiano provided a first read on three proposals from the OC/MIC special session: Fuel Requirements for Black Start Resources. Ms. Fabiano reviewed the logistics of the joint OC-MIC vote in March for this issue.
7. PJM Manuals
 - a. Manual 37 Changes

Mr. Jordan Shenk, PJM, will reviewed the proposed changes to PJM Manual 37: Reliability Coordination. The Operating Committee will be asked to endorse these changes at the next meeting.

b. Manual 13 Changes

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

c. Manual 12 Changes

Ms. Rebecca Carroll, PJM, will reviewed the proposed changes to PJM Manual 12: Balancing Operations. The Operating Committee will be asked to endorse these changes at the next meeting.

Tool and Informational Updates (10:30 – 12:00)

8. System Operations Subcommittee (SOS) Report

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

9. Manual 12 Attachment F Changes

This item was removed from the Operating Committee agenda.

10. Regulation Performance Update

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

11. Unit Specific Parameter Update

Ms. Lauren Strella Wahba, PJM, provided an update on Unit Specific Parameters.

12. Real-time Values Market Rules Update

Ms. Lauren Strella Wahba, PJM, provided an update on the most recent real-time values market rules meeting.

13. Reliability Compliance Update

An update on NERC, SERC and RFC standards, and other pertinent regulatory and compliance information is posted to the Operating Committee website for review. No verbal update was provided at the Operating Committee

14. Annual Meeting Update

An update regarding the PJM Annual Meeting and describe registration updates and enhancements is posted to the Operating Committee website for review. No verbal update was provided at the Operating Committee

OC Subcommittee/ Task Force Informational Section

System Operations Subcommittee (SOS): [SOS Website](#)

Data Management Subcommittee (DMS): [DMS Website](#)

Distributed Energy Resources Subcommittee (DERS): [DERS Website](#)

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

Primary Frequency Response Sr. Task Force (PFRSTF): [PFRSTF Website](#)

Fuel Requirements for Black Start Resources: [Fuel Requirements for Black Start Resources Issue Tracker](#)

Attendance (In-Person)

Last Name	First Name	Company Name	Sector
Phillips (Chair)	Darlene	PJM Interconnection	Not Applicable
Croop (Secretary)	Danielle	PJM Interconnection	Not Applicable
Benchek	Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bennett	Daniel	PJM Interconnection	None
Berckman	Joshua	PJM Interconnection	None
Bielak	Donnie	PJM Interconnection	None
Boyle	Glen	PJM Interconnection	None
Brown	Richard	PJM Interconnection	Not Applicable
Carroll	Rebecca	PJM Interconnection	None
Cerchio	Gerard	Monitoring Analytics	Not Applicable
D'Alessandris	Lou	FirstEnergy Solutions Corp.	Transmission Owner
Davis	Elizabeth	PJM Interconnection	None
Fabiano	Janell	PJM Interconnection	None
Foladare	Kenneth	Geenex Solar LLC	Generation Owner
Forrest	Stephen	PJM Interconnection	Not Applicable
Frogg	Darrell	PJM Interconnection	None
Genuario	Gabrielle	PJM Interconnection	None
Greening	Michele	PJM Interconnection	None
Hauske	Thomas	PJM Interconnection	None
Heidorn	Richard	RTO Insider	None
Hudis	Gabriella	Jersey Green Energy LLC	Other Supplier
Hyzinski	Tom	GT Power Group	None
Kappagantula	Srinivas	PJM Interconnection	None
Kimmel	David	PJM Interconnection	None
Kogut	George	New York Power Authority	Other Supplier
Kurywczak	Victor	PJM Interconnection	None

LOWE	CONNIE	Dominion Virginia Power	None
McAnulty	Shawn	PJM Interconnection	None
McGlynn	Paul	PJM Interconnection	None
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Monzon	Stephanie	PJM Interconnection	None
Morris	Eric	PJM Interconnection	Not Applicable
Nix	Emma	Gabel Associates	None
Pilong	Christopher	PJM Interconnection	None
Shenk	Jordan	PJM Interconnection	None
Skumanich	Bill	RTR Energy Solutions LLC	None
Smith	Christen	RTO Insider	None
Stefanowicz	Vincent	PJM Interconnection	None
Strella	Lauren	PJM Interconnection	None
Sweeney	Rory	GT Power Group	None
THOMAS	AMBER	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Thomas	Henry	PJM Interconnection	None
Tribulski	Jennifer	PJM Interconnection	None
Turtle	David	PJM Interconnection	Not Applicable
Whitehead	Jeff	GT Power Group	Not Applicable
Wittenauer	Steve	PJM Interconnection	None

Attendance (Conference Call)

Last Name	First Name	Company Name	Sector
Ament	Todd	Cube Hydro Partners, LLC	Generation Owner
Anders	David	PJM Interconnection	Not Applicable
Bockhorn	Tim	AES	Not Applicable
Cao	Roger	PJM Interconnection	Not Applicable
Capra	Carlo	ITC Interconnection LLC	Transmission Owner
Carmean	Greg	OPSI	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
Crystle	Gil	UGI Development Company	Generation Owner
DeGiusto	Vince	UGI Utilities, Inc.	Transmission Owner

Dolan	Ryan	American Municipal Power, Inc.	Electric Distributor
Domian	Christin	Duquesne Light Company	Transmission Owner
fan	zhenyu	PJM Interconnection	Not Applicable
Felix	Robert	Duquesne Light Company	Not Applicable
Filomena	Guy	Customized Energy Solutions, Ltd.	Not Applicable
Forcum	David	Duke Energy	Not Applicable
Garnett	Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Gates	Terry	Appalachian Power Company (AEP Generation)	Transmission Owner
Gebele	Don	PJM Connect	Not Applicable
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Gluck	Jim	PJM Interconnection	Not Applicable
Guntle	Vince	American PowerNet Management, L.P.	End-Use Customer
Hanebuth	Michele	Consolidated Edison Company of New York, Inc. (CE to PS Wheel)	Transmission Owner
Heisey	Bradley	Tenaska Pennsylvania Partners, LLC	Generation Owner
Helms	Joseph	Commonwealth Chesapeake Company, LLC	Generation Owner
Herel	Suzanne	PJM Interconnection	Not Applicable
Hoey	Ed	PJM Interconnection	Not Applicable
Horning	Lynn Marie	Customized Energy Solutions, Ltd.	Not Applicable
Hunter	Andy	FirstEnergy Solutions Corp.	Not Applicable
Jens	Thomas	Black Oak Capital, LLC	Other Supplier
Jha	Monica	Big Level Wind LLC	Generation Owner
Johnson	Carl	Customized Energy Solutions, Ltd.	Not Applicable
Keegan	Jack	PJM Interconnection	Not Applicable
Kelley	Ryan	Duke Energy Ohio, Inc.	Transmission Owner
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Lee	Ray	PJM Interconnection	Not Applicable
Levitt	Andrew	PJM Interconnection	Not Applicable
Libbos	Robin	FirstEnergy Solutions Corp.	Transmission Owner
Mabry	David	McNees Wallace & Nurick LLC	Not Applicable
Markiewicz	Cindy	Allegheny Power (MonPwr Gen)	Other Supplier
Matuszak	Alex	UGI Energy Services, LLC	Other Supplier
Olaleye	Michael	PJM Interconnection	Not Applicable

Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Sasser	Jonathan	Customized Energy Solutions, Ltd.	Not Applicable
Sauriol	Dennis	AEP Ohio Transmission Company, Inc.	Transmission Owner
Schloendorn	Ronald	PECO Energy Company	Transmission Owner
Schmitt	Jeff	PJM Interconnection	Not Applicable
Singh	Ajeet	PJM Interconnection	Not Applicable
Stancombe	Corey	Duke Energy Kentucky, Inc.	Transmission Owner
Stone	Andy	Other	Not Applicable
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Svenson	Heather	Public Service Electric & Gas Company	Transmission Owner
Swary	Michael	Interstate Gas Supply, Inc.	Other Supplier

Future Meeting Dates

March 12, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
April 16, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
May 14, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
June 4, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
July 9, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
August 6, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
September 3, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
October 8, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
November 6, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
December 3, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx

Author: Danielle 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.

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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.*

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