

Operating Committee

PJM Conference and Training Center

January 9, 2020

9:00 a.m. – 12:00 p.m. EPT

Administration (9:00-9:10)

1. The Operating Committee (OC) agenda for this meeting was approved.
2. The draft minutes of the December 10 OC meeting were approved by acclamation with 0 objections and 0 abstentions.
3. The OC work plan was reviewed.

Review of Operations (9:10- 9:15)

4. Review of Operating Metrics
Ms. Stephanie Monzon, PJM, reviewed the December 2019 PJM operating metrics slides. Metrics included PJM's load forecast error, BAAL performance, transmission / generation outage statistics, and Perfect Dispatch historical performance. A proposed methodology was reviewed for load forecast metric updates.

Endorsements/Approvals (9:15- 9:25)

5. PJM Manuals
 - a. Manual 38 Changes
Mr. Robert Dropkin, PJM, reviewed the proposed changes to PJM Manual 38: Operations Planning. The Operating Committee endorsed the proposed changes by acclamation with 0 objections and 0 abstentions.

First Reading (9:25- 9:40)

6. PJM Manuals
 - a. Manual 40 Changes
Mr. Michael Hoke, PJM, reviewed the proposed changed to PJM Manual 40: Training and Certification Requirements. The Operating Committee will be asked to endorse these changes at the next meeting.
7. TO/TOP Matrix Review
Mr. Srinivas Kappagantula, PJM reviewed the TO/TOP Matrix V14. The Operating Committee will be asked for a recommendation to the Transmission Owner's Agreement-Administrative Committee to approve the TO/TOP Matrix V14 with an effective date of 4/1/2020 at the next meeting.

Tool and Informational Updates (9:40 – 12:00)

8. System Operations Subcommittee (SOS) Report
Ms. Rebecca Carroll, PJM, provided a summary of the most recent SOS meeting.

9. Data Management Subcommittee (DMS) Report
Ms. Diane Lake, PJM, provided an update on the recent DMS activities.
10. System Resilience Update
Mr. Jonathon Monken, PJM, provided an update on ongoing system resilience efforts.
11. Load Forecasting Education
Ms. Elizabeth Anastasio, PJM, provided education on load forecasting.
12. FERC- NERC Cold Weather Report Update
Ms. Alpa Jani, PJM, provided an update on the FERC-NERC Cold Weather Report.
13. Unit Specific Parameter Update
Ms. Lauren Strella Wahba, PJM, provided an update on Unit Specific Parameters.
14. NERC Lessons Learned
Mr. Donnie Bielak, PJM, provided a review of the recent NERC Lessons Learned.
15. Reliability Compliance Update
Mr. Preston Walker, 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.
16. Primary Frequency Response Sr. Task Force Update
Mr. Glen Boyle, PJM, provided a verbal review of the scheduled January MRC update on the PFRSTF.

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](#)

Action Items

1. Review the fuel security update to the OC work plan for alignment to MRC decision for stakeholder updates and determine if additional updates to OC on fuel security should be added.
2. Look for opportunities to post additional load forecasting data on PJM.com (Data Viewer or Data Miner)
3. Incorporate the 1800 forecast and the 1000 (day ahead) forecast into the new load forecasting methodology report in the operating metrics.

Attendance (In-Person)

Last Name	First Name	Company Name	Sector
Phillips (Chair)	Darlene	PJM Interconnection	Not Applicable
Croop (Secretary)	Danielle	PJM Interconnection	Not Applicable
Benckek	Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bielak	Donnie	PJM Interconnection	Not Applicable
Boyle	Glen	PJM Interconnection	Not Applicable
Brown	Rich	PJM Interconnection	Not Applicable
Callaghan	Chris	PJM Interconnection	Not Applicable
Carroll	Rebecca	PJM Interconnection	Not Applicable
Chang	Sean	Shell Energy North America (US), L.P.	Other
Dajewski	Paul	PJM Interconnection	Not Applicable
D'Alessandris	Lou	FirstEnergy Solutions Corp.	Transmission Owner
Davis	Elizabeth	PJM Interconnection	Not Applicable
Dropkin	Robert	PJM Interconnection	Not Applicable
Dumitriu	Nicolae	PJM Interconnection	Not Applicable
Fabiano	Janell	PJM Interconnection	Not Applicable
Foladare	Kenneth	Geenex Solar LLC	Generation Owner
Foley	Imelda	Other	Other
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Greening	Michele	PJM Interconnection	Not Applicable
Hauske	Thomas	PJM Interconnection	Not Applicable
Hoke	Michael	PJM Interconnection	Not Applicable
Jani	Alpa	PJM Interconnection	Not Applicable
Kappagantula	Srinivas	PJM Interconnection	Not Applicable
Lake	Diane	PJM Interconnection	Not Applicable
LOWE	CONNIE	Dominion Virginia Power	Other

Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Monzon	Stephanie	PJM Interconnection	Not Applicable
Monken	Jonathon	PJM Interconnection	Not Applicable
Pilong	Christopher	PJM Interconnection	Not Applicable
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Stefanowicz	Vincent	PJM Interconnection	Not Applicable
Strella	Lauren	PJM Interconnection	Not Applicable
Sweeney	Rory	Other	Other
Thomas	Henry	PJM Interconnection	Not Applicable
Walker	Preston	PJM Interconnection	Not Applicable

Attendance (Conference Call)

Last Name	First Name	Company Name	Sector
Anders	David	PJM Interconnection	Not Applicable
Book	Hayley	Other	Not Applicable
Brodbeck	John	EDP Renewables North America, LLC	Generation Owner
Buhler	Thomas	PJM Connect	Not Applicable
Burlew	James	PJM Interconnection	Not Applicable
Cao	Roger	PJM Interconnection	Not Applicable
Capra	Carlo	ITC Interconnection LLC	Transmission Owner
Carmean	Gregory	Oher	Not Applicable
Chen	Hong	PJM Interconnection	Not Applicable
Chintapalli	Raj	BP Energy Company	Other
Ciabattoni	Joe	PJM Interconnection	Not Applicable
Crystle	Gil	UGI Development Company	Generation Owner
DeLosa	Joseph	New Jersey Board of Public Utilities	Not Applicable
fan	zhenyu	PJM Interconnection	Not Applicable
Filomena	Guy	Customized Energy Solutions, Ltd.	Not Applicable
Gates	Terry	Appalachian Power Company (AEP Generation)	Transmission Owner
Gebele	Don	PJM Connect	Not Applicable
Genuario	Gabrielle	PJM Interconnection	Not Applicable
Gilani	Rehan	ConEdison Energy, Inc.	Other
Grear	Mark	Exelon Generation Co., LLC	Generation Owner
Greiner	Gary	PSEG Energy Resources and Trade LLC	Not Applicable
Hammack	Matthew	PPL Electric Utilities Corp. dba PPL Utilities (NYPA)	Transmission Owner

Heisey	Bradley	Tenaska Pennsylvania Partners, LLC	Generation Owner
Helms	Joe	Tyr Energy	Not Applicable
Hisa	Eric	PJM Interconnection	Not Applicable
Hoang	Liem	PJM Connect	Not Applicable
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Hoey	Edward	PJM Interconnection	Not Applicable
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horning	Lynn Marie	Customized Energy Solutions, Ltd.	Not Applicable
Hunter	Andrew	Metropolitan Edison Company (Transmission)	Transmission Owner
Hyzinski	Tom	Other	Not Applicable
Janicki	Diane	Boston Energy Trading and Marketing LLC	Not Applicable
Jens	Thomas	Black Oak Capital, LLC	Other
Jha	Monica	PCI	Not Applicable
Johnson	Carl	Customized Energy Solutions, Ltd.	Not Applicable
Johnston	David	Other	Not Applicable
Kelley	Ryan	Duke Energy	Not Applicable
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other
Kilgallen	Kevin	Avangrid	Other
Kirk	Ryan	Appalachian Power Company (AEP Generation)	Transmission Owner
Konowal	Richard	PJM Interconnection	Not Applicable
Krawczyk	Leslie	Other	Not Applicable
Libbos	Robin	Allegheny Power (MonPwr Gen)	Transmission Owner
Lieberman	Steven	American Municipal Power, Inc.	Electric Distributor
Liu McKenna	Phyllis	PSEG Energy Resources and Trade LLC	Other
Lynn	Brian	PJM Interconnection	Not Applicable
Mabry	David	McNees Wallace & Nurick LLC	Not Applicable
Markiewicz	Cindy	Allegheny Power (MonPwr Gen)	Transmission Owner
Mathew	Lagy	PJM Interconnection	Not Applicable
Matuszak	Alex	UGI Energy Services, LLC	Other
O'Connell	Robert	PPGI Fund A/B Development, LLC	Generation Owner
Pakela	Greg	DTE Energy Trading, Inc.	Other
Poulos	Greg	PJM Committee Voting Generic Account	Not Applicable
Sasser	Jonathan	Customized Energy Solutions, Ltd.	Not Applicable
Schmitt	Jeffrey	PJM Interconnection	Not Applicable
Schuyler	Ken	PJM Interconnection	Not Applicable
Searfoorce	Daniel	Other	Not Applicable

Sillin	John	FERC	Not Applicable
Singer	Chad	Trane Grid Services LLC	Other
Smith	Christen	RTO Insider	Not Applicable
Souder	Michelle	PJM Interconnection	Not Applicable
Squibb	Bill	Ohio Valley Electric Corporation	Transmission Owner
Stone	Andy	Other	Not Applicable
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Sweeney	Rory	Other	Not Applicable
Vayda	Brian	Borough of Park Ridge, New Jersey	Not Applicable
Whitehead	Jeffrey	GT Power Group	Not Applicable

Future Meeting Dates

February 6, 2020	9:00 a.m.	PJM Conference & Training Center/ WebEx
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

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Antitrust:

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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:

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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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