

Operating Committee
PJM Webex
May 14, 2020
9:00 a.m. – 12:00 p.m. EPT

Administration (9:00-9:15)

1. Danielle Croop, PJM, provided announcements; reviewed the Antitrust, Code of Conduct, Public Meetings/Media Participation, and the WebEx Participant Identification Requirement.
 - a. Reviewed and approved the Operating Committee (OC) agenda for this meeting.
 - b. Reviewed and approved the draft minutes of the April 16 OC meeting.
 - c. Reviewed the OC work plan.

Review of Operations (9:15 - 9:45)

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 April 2020 PJM operating metrics slides. Metrics included load forecast error, BAAL performance, transmission / generation outage statistics, and Perfect Dispatch historical performance.

Endorsements/Approvals (9:45 – 11:00)

4. Manuals
 - a. Manual 01 Changes
Bilge Derin, PJM, reviewed the proposed changes to PJM Manual 01: Control Center and Data Exchange. **The Operating Committee endorsed these changes with 0 objections and 0 abstentions.**
 - b. Manual 03 CEII Changes
Lagy Mathew, PJM, reviewed the proposed changes to Manual 03: Transmission Operations and a proposed Manual 03B. **The Operating Committee endorsed these changes with 0 objections and 0 abstentions**
 - c. Manual 03 Changes
Lagy Mathew, PJM, reviewed the proposed changes to PJM Manual 03: Transmission Operations. **The Operating Committee endorsed these changes with 0 objections and 0 abstentions**
 - d. Manual 36 Changes

Liem Hoang, PJM, reviewed the proposed changes to PJM Manual 36: System Restoration. **The Operating Committee endorsed these changes with 0 objections and 0 abstentions**

5. Black Start Problem Statement and Issue Charge

David Kimmel, PJM, reviewed a problem statement and issue charge around the substitution and termination of black start resources. **The Operating Committee endorsed the issue charge with 0 objections and 0 abstentions.** This item will be worked in the monthly Operating Committee meetings.

a. Proposed Amendment to Blackstart PS/IC

Joe Bowring, IMM, reviewed a proposed amendment to the PS/IC to include Minimum Tank Suction Level as a key work activity in the Black Start Issue Charge. **The Operating Committee endorsed the addition to the Black Start Issue Charge with 0 objections and 0 abstentions contingent upon removal of the Minimum Tank Suction Level key work activity from the MRC Fuel Requirements for Black Start Resources Issue Charge.** The removal of MTSL for the Fuel Requirements for Black Start Resources Issue Charge will be reviewed at the May MRC.

b. Black Start Testing, Termination Rules, Substitution, and CRF Education

Becky Davis, PJM, provided education on black start testing, termination rules, substitution, and CRF.

Tool and Informational Updates (11:00 – 11:30)

6. Regulation Performance Update

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

7. NERC Lessons Learned

Donnie Bielak, PJM, reviewed the latest posted NERC Lessons Learned reports.

8. Reliability Compliance Update

Srinivas Kappagantula, 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.

Attendance (Conference Call)

Last Name	First Name	Company Name	Sector
Phillips (Chair)	Darlene	PJM Interconnection	Not Applicable
Croop (Secretary)	Danielle	PJM Interconnection	Not Applicable
Anders	David	PJM Interconnection	Not Applicable
Balascak	Andrew	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Barmer	Mike	Dominion Energy	None

Benchek	Jim	First Energy	Transmission Owner
Bennett	Daniel	PJM Interconnection	Not Applicable
Berger	Keith	First Energy	Transmission Owner
Bielak	Donnie	PJM Interconnection	Not Applicable
Bleiweis	Bruce	DC Energy	None
Bowring	Joe	Monitoring Analytics	None
Boyle	Glen	PJM Interconnection	Not Applicable
Brady	George	OVEC	None
Braerman	Ken	BGE	None
Brau	Brian	Silver Run Electric, LLC	Transmission Owner
Briggs	Mark	Tenaska Power Services Co. (TPS 4)	Generation Owner
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Bryson	Michael	PJM Interconnection	Not Applicable
Burlew	Jim	PJM Interconnection	Not Applicable
Cao	Roger	PJM Interconnection	Not Applicable
Capra	Carlo	ITC Interconnection LLC	Transmission Owner
Carmean	Gregory	OPSI	None
Carroll	Rebecca	PJM Interconnection	Not Applicable
Caven	Augustine	PJM Interconnection	Not Applicable
Cerchio	Jerry	Monitoring Analytics	None
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Chen	Hong	PJM Interconnection	Not Applicable
Chintapalli	Raj	BP Energy Company	Other Supplier
Christopher	Mahila	PUCO Ohio	None
Chu	George	PJM Interconnection	Not Applicable
Crystle	Gil	UGI Development Company	Generation Owner
Dajewski	Paul	PJM Interconnection	Not Applicable
D'Alessandris	Lou	First Energy	Transmission Owner
Dantonio	Phil	PJM Interconnection	Not Applicable
Davis	Elizabeth	PJM Interconnection	Not Applicable
Davis	James	Dominion Energy Generation Marketing, Inc.	Generation Owner
Derin	Zehra Bilge	PJM Interconnection	Not Applicable
Dolan	James	PJM Interconnection	Not Applicable
Domian	Christin	Duquesne Light Company	Transmission Owner
Downs	Jere	PJM Interconnection	Not Applicable

Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ericson	Christine	Illinois Commerce Commission	None
Fabiano	Janell	PJM Interconnection	Not Applicable
fan	zhenyu	PJM Interconnection	Not Applicable
Ferguson	Mike	INDeck Energy	None
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fitzpatrick	Brian	PJM Interconnection	Not Applicable
Foladare	Kenneth	Geenex Solar LLC	Generation Owner
Forcum	David	Duke Energy	None
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
Hastings	David	PJM Committee Voting Generic Account	None
Hatch	Kevin	PJM Interconnection	Not Applicable
Hauske	Thomas	PJM Interconnection	Not Applicable
Heidorn	Richard	RTO Insider	None
Heinle	Frederick	Office of the Peoples Counsel	None
Helms	Joe	TY Energy	None
Herel	Suzanne	PJM Interconnection	Not Applicable
Hoang	Liem	PJM Interconnection	Not Applicable
Horning	Lynn Marie	Customized Energy Solutions, Ltd.	None
Hsia	Eric	PJM Interconnection	Not Applicable
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Hunter	Andrew	Metropolitan Edison Company (Transmission)	Electric Distributor
Janicki	Diane	BETM	None
Jens	Thomas	Black Oak Capital, LLC	Other Supplier
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Kalle	Ibrahima	Tibiri Energy Group, LLC	None
Kappagantula	Srinivas	PJM Interconnection	Not Applicable

Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Kimmel	David	PJM Interconnection	Not Applicable
Kogut	George	New York Power Authority	Other Supplier
Krawczyk	Leslie	ReliabilityFirst	None
Last Name	First Name	Company Name	Sector
Lee	Ray	PJM Interconnection	Not Applicable
Libbos	Robin	First Energy	Transmission Owner
LOWE	CONNIE	Dominion Virginia Power	Transmission Owner
Mabry	David	McNees Wallace & Nurick LLC	None
Malladi	Brindavani	Arevon Energy Management	None
Markiewicz	Cindy	First Energy	Transmission Owner
Mathew	Lagy	PJM Interconnection	Not Applicable
Matuszak	Alex	UGI Energy Services, LLC	Other Supplier
McGlynn	Paul	PJM Interconnection	Not Applicable
Meadors	Mandy	Duke Energy	None
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Miller	John	Commonwealth Edison Company	Transmission Owner
Monzon	Stephanie	PJM Interconnection	Not Applicable
Mulhern	Joseph	PJM Interconnection	Not Applicable
Murphy	Shaun	PJM Interconnection	Not Applicable
Nix	Emma	Gabel Associates	None
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	None
Rainey	John	Northern Virginia Electric Cooperative (Generation)	Electric Distributor
Rodriguez	Tomas	OPSI	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Scheidecker	Paul	PJM Interconnection	Not Applicable
Schloendorn	Ronald	PECO Energy Company	Transmission Owner
Schmitt	Jeffrey	PJM Interconnection	Not Applicable
Schuyler	Ken	PJM Interconnection	Not Applicable

Schweizer	David	PJM Interconnection	Not Applicable
Sillin	John	Federal Energy Regulatory Commission	None
Singer	Chad	Trane Grid Services LLC	Other Supplier
Skumanich	Bill	RTR Energy Solutions LLC	None
Socha	Bernard	UGI	None
Squibb	Bill	Ohio Valley Electric Corporation	Transmission Owner
Stack	James	Duquesne Light Company	None
Stefanowicz	Vincent	PJM Interconnection	Not Applicable
Stern	Alexander	Public Service Electric & Gas Company	Transmission Owner
Stone	Andy	Other	None
Strella	Lauren	PJM Interconnection	Not Applicable
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Sullivan	James	Neptune Regional Transmission System, LLC	Transmission Owner
Sweeney	Rory	GT Power Group, LLC	None
Tam	Simon	PJM Interconnection	Not Applicable
Thomas	Henry	PJM Interconnection	Not Applicable
Tribulski	Jennifer	PJM Interconnection	Not Applicable
Warner-Freeman	Jennifer	PJM Interconnection	Not Applicable
Wei	Jane	Monitoring Analytics	None
Whitehead	Jeffrey	GT Power Group, LLC	None
Widom	Stuart	PJM Interconnection	Not Applicable
Wisersky	Megan	Madison Gas & Electric Co.	Other Supplier
Yoder	Michael	RTO Insider	None
Zhao	Tong	PJM Interconnection	Not Applicable

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](#)

Future Meeting Dates

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:

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.

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