

Operating Committee
WebEx Only
January 13, 2021
9:00 a.m. – 2:00 p.m. EST

Administration

1. Lauren Strella Wahba, PJM, provided announcements; reviewed the Antitrust, Code of Conduct, Public Meetings/Media Participation, and the WebEx Participant Identification Requirement.

Paul McGlynn, PJM, provided an organizational change announcement regarding Donnie Bielak's move to Manager of Dispatch and Becky Carroll's move to the Markets Division.

- a. Reviewed and approved the draft minutes from the December 2nd OC meeting. **The Committee approved the draft minutes from the December 2nd, 2021 Operating Committee meeting with 0 objections and 0 abstentions.**
- b. Reviewed the OC work plan.
- c. Weak Encryption Retirement
Amanda Egan, PJM, provided an update on the retirement of Weak Encryption and its impact to the Voting Application.

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>
3. Review of Operating Metrics
Stephanie Monzon, PJM, reviewed the December 2021 PJM operating metrics slides. Metrics included PJM's load forecast error, BAAL performance, and transmission / generation outage statistics.

Endorsements/Approvals

4. Manual 38: Operations Planning
Liem Hoang, PJM, reviewed Manual 38 changes as a part of the periodic review.
The Operating Committee endorsed the changes to Manual 38 with 0 objections and 0 abstentions.
5. Renewable Dispatch Issue Charge and Problem Statement
Darrell Frogg, PJM, reviewed an Issue Charge and Problem Statement that will address the improvement of the dispatching process of renewable resources and increase forward-looking visibility.
The Operating Committee approved the Renewable Dispatch Issue Charge with 0 objections and 2 abstentions.

First Reading

6. Manual 40: Training and Certification Requirements
Benjamin Miller, PJM, reviewed Manual 40 changes as a part of the periodic review.
The Operating Committee will be asked to endorse these changes at its next meeting.
7. TO/TOP Matrix Review
Gizella Mali, PJM, reviewed Version 16 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.

Additional Items

8. Dynamic Rating Issue
Chris Callaghan, PJM, and Mark Stanisz, PJM, provided an informational update on PJM's plan for the preparation of its compliance filing in Docket No. RM20-16-000 relating to Managing Transmission Line Ratings; and its plan to bring the related Dynamic Rating Problem Statement and Issue Charge back for a second first read at the February OC.
9. Informational Update: Review of M14D Changes to Deactivation Timing
Dave Egan, PJM, provided an informational update on the Quick Fix initiative to make changes to Manual 14D: Generator Operational Requirements regarding Deactivation Timing that is currently being worked through the Planning Committee.
10. Update on Illinois Clean Energy Jobs Act
Chris Pilog, PJM, provided an update on the Illinois EPA legislation and PJMs response.
11. System Operations Subcommittee (SOS) Report
Donnie Bielak, PJM, provided a summary of the most recent SOS meeting.
12. Unit Specific Parameters 2022/2023 DY Update
Tom Hauske, PJM, provided an update on Unit Specific Parameters for the 2022/2023 DY.
13. Reliability Compliance Update
Becky Davis, PJM, provided an update on NERC, SERC, RF, and NAESB standards, and other pertinent regulatory and compliance information, and solicited feedback from the members on Reliability Compliance efforts.

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Working Items

14. Reliability Products and Services Assessment
Chris Pilog, PJM, led a discussion to evaluate the essential reliability services and determine which services should be sent to the RASTF for potential inclusion as a capacity product attribute.

Additionally, the Operating Committee was asked to evaluate the remaining reliability services to identify any gaps that may need to be addressed in other Stakeholder venues.

15. IROL-CIP Cost Recovery

Darrell Frogg, PJM, provided a brief overview of the Issue Charge and Problem Statement followed by education.

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
Aguilar	Fabiano	Strom Power, LLC	Other Supplier
Anders	Dave	PJM Interconnection	Not Applicable
Arabia	Steven	NRG Power Marketing, LLC	Generation Owner
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Barmer	Mike	Dominion Virginia Power	None
Benckek	Jim	American Transmission Systems, Inc.	Transmission Owner
Bennett	Dan	PJM Interconnection	Not Applicable
Bennett	Stephen	PJM Interconnection	Not Applicable
Berton	Tyler	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Bielak	Donnie	PJM Interconnection	Not Applicable
Blair	Tom	Monitoring Analytics, LLC	None
Bleiweis	Bruce	DC Energy LLC	Other Supplier
Boyle	Glen	PJM Interconnection	Not Applicable
Brady	George	Ohio Valley Electric Corp	Transmission Owner
Braerman	Ken	BGE	None
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Brown	Rich	PJM Interconnection	Not Applicable
Bryson	Mike	PJM Interconnection	Not Applicable
Callaghan	Christopher	PJM Interconnection	Not Applicable
Capra	Carlo	ITC Interconnection LLC	Transmission Owner
Caven	Augustine	PJM Interconnection	Not Applicable
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Chen	Hong	PJM Interconnection	Not Applicable
Chintapelli	Raj	BP Energy Company	Other Supplier
Chu	George	PJM Interconnection	Not Applicable

Colaresi	Chandra	Power Energy Management	
Corder	Nick	Commonwealth Chesapeake Company, LLC	Generation Owner
Croop	Danielle	PJM Interconnection	Not Applicable
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
De La Mora	Luis	Strom Power, LLC	Other Supplier
DeGiusto	Vince	UGI Development Company	Generation Owner
Derin	Bilge	PJM Interconnection	Not Applicable
Dillon	Matt	UGI Development Company	Generation Owner
Dumitriu	Nick	PJM Interconnection	Not Applicable
Egan	Amanda	PJM Interconnection	Not Applicable
Egan	David	PJM Interconnection	Not Applicable
Eldredge	Peter	PJM Interconnection	Not Applicable
Elkins	Rachel	FirstEnergy Corporation	Transmission Owner
Ericson	Christine	Illinois Commerce Commission	None
Fabiano	Janell	PJM Interconnection	Not Applicable
Fan	Zhenyu	PJM Interconnection	Not Applicable
Farhat	Michelle	PJM Interconnection	Not Applicable
Fereshetian	Damon	PJM Interconnection	Not Applicable
Fenandes	Zeenath	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
Foster Cronin	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Frogg	Darrell	PJM Interconnection	Not Applicable
Gates	Terry	Appalachian Power Company (AEP Generation)	Transmission Owner
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Grear	Mark	Exelon Generation Co., LLC	Generation Owner
Greening	Michele	PJM Interconnection	Not Applicable
Guignet	Douglas	PJM Interconnection	Not Applicable
Guistwhite	Jeffrey	PJM Interconnection	Not Applicable
Hagaman	Derek	GT Power Group	None
Hammack	Matthew	PPL Electric Utilities Corporation	Transmission Owner
Hastings	David	Market Interconnection Consulting Services (MICS)	None

Hauske	Tom	PJM Interconnection	Not Applicable
Helm	Gary	PJM Interconnection	Not Applicable
Hislop	Dave	PJM Interconnection	Not Applicable
Hoang	Liem	PJM Interconnection	Not Applicable
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horning	Lynn	Customized Energy Solutions, Ltd.	None
Horstmann	John	Dayton Power & Light Company	Transmission Owner
Hsia	Eric	PJM Interconnection	Not Applicable
Hurwich	Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Hyatt	Earl	Monitoring Analytics	None
Hyzinski	Tom	GT Power Group, LLC	None
Idzior	John	ReliabilityFirst	None
Janicki	Diane	Boston Energy Trading & Marketing, LLC	Other Supplier
Jardot	Gina	NRG Power Marketing, LLC	Generation Owner
Jarrah	Danny		
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Johnston	Dave	Indiana Utility Regulatory Commission	None
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kent	Janessa	Duquesne Light Company	Transmission Owner
Kerecman	Joseph	Calpine Energy Services, L.P.	Generation Owner
Kilgallen	Kevin	Avangrid Renewables LLC	Generation Owner
Kimmel	David	PJM Interconnection	Not Applicable
Kogut	George	New York Power Authority	Other Supplier
Lai	Erin	PJM Interconnection	Not Applicable
Lake	David	FirstEnergy Corporation	Transmission Owner
LaRocque	Matt	PJM Interconnection	Not Applicable
Li	Kanning	PJM Interconnection	Not Applicable
Libbos	Robin	FirstEnergy Corporation	Transmission Owner
Lin	Po-Han		
Lieberman	Steve	American Municipal Power, Inc.	Electric Distributor
Lynn	Brian	PJM Interconnection	Not Applicable
Mabry	David	McNees Wallace & Nurick LLC	None
Mali	Gizella	PJM Interconnection	Not Applicable
Markiewicz	Cindy	FirstEnergy Corporation	Transmission Owner
Mathew	Lagy	PJM Interconnection	Not Applicable
Matuszak	Alex	UGI Energy Services, LLC	Other Supplier
McGlynn	Paul	PJM Interconnection	Not Applicable
McLaverty	Megan	PJM Interconnection	Not Applicable

Midgley	Sharon	Exelon Business Services Company, LC	Transmission Owner
Militello	Nikki	PJM Interconnection	Not Applicable
Miller	Benjamin	PJM Interconnection	Not Applicable
Mohler	Tina	PJM Interconnection	Not Applicable
Monzon	Stephanie	PJM Interconnection	Not Applicable
Mulhern	Joe	PJM Interconnection	Not Applicable
Murphy	Shaun		
Nice	Ryan	PJM Interconnection	Not Applicable
Nix	Emma		
Olaley	Michael	PJM Interconnection	Not Applicable
Olinger	Robert	Keystone Projects	None
Pakela	Gregory	DTE Energy Trading, Inc.	Other Supplier
Pearson	Hilary		
Peebles	Andy	Saracen Energy East LP	Other Supplier
Philips	Marjorie	Direct Energy Business Marketing, LLC	Other Supplier
Pilong	Christopher	PJM Interconnection	Not Applicable
Pilong	Melissa	PJM Interconnection	Not Applicable
Pincus	Steve	PJM Interconnection	Not Applicable
Proconiar	Jason	Dayton Power & Light Company	Transmission Owner
Rainey	John	Northern Virginia Electric Cooperative	Electric Distributor
Robinson	Becky	Vista Energy Marketing, L.P.	Other Supplier
Rodriguez	Tomas	OPSI	None
Rosenberger	Eric		
Rutledge	Craig	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Scheirer	Alex	PJM Interconnection	Not Applicable
Schmitt	Jeffrey	PJM Interconnection	Not Applicable
Schroeder	Connie	Dominion Virginia Power	None
Schuyler	Ken	PJM Interconnection	Not Applicable
Schweizer	David	PJM Interconnection	Not Applicable
Sells	Scott	East Kentucky Power Cooperative, Inc.	Transmission Owner
Shah	Vijay	PJM Interconnection	Not Applicable
Shields	Jeffery	PJM Interconnection	Not Applicable
Shaughnessy	Mike		
Sillin	John	The Federal Energy Regulatory Commission	None
Smith	Kara	Buckeye Power, Inc.	Electric Distributor

Sotkiewicz	Paul	E-Cubed Policy Associates	Not Applicable
Souder	Dave	PJM Interconnection	Not Applicable
Souder	Michelle	PJM Interconnection	Not Applicable
Squibb	Bill	Ohio Valley Electric Corp	Transmission Owner
Stack	James	Duquesne Light Company	Transmission Owner
Stanisz	Mark	PJM Interconnection	Not Applicable
Stefanowicz	Vince	PJM Interconnection	Not Applicable
Stern	Alex	Public Service Electric & Gas Company	Transmission Owner
Stone	Andy	PJM Interconnection	Not Applicable
Stupar	Rob	Invenergy, LLC	Generation Owner
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	None
Tacka	Natalie	PJM Interconnection	Not Applicable
Tam	Simon	PJM Interconnection	Not Applicable
Terranova	Christopher	PJM Interconnection	Not Applicable
Thomas	Jack	PJM Interconnection	Not Applicable
Whitehead	Jeff	GT Power Group	None
Widom	Stuart	PJM Interconnection	Not Applicable
Wisersky	Megan	Madison Gas & Electric Company	Other Supplier
Wolfe	Lauren		
Yoder	Michael	RTO Insider	None
Zemanek	Kevin		
Zhang	Michael	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](#)

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.
February 10, 2022	9 a.m.	WebEx	January 31, 2022	February 3, 2022
March 10, 2022	9 a.m.	WebEx	February 28, 2022	March 3, 2022
April 14, 2022	9 a.m.	WebEx	April 4, 2022	April 7, 2022
May 12, 2022	9 a.m.	WebEx	May 2, 2022	May 5, 2022
June 9, 2022	9 a.m.	WebEx	May 30, 2022	June 2, 2022

Author: L. Stella Wahba

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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During a Meeting	During an Acclamation Vote
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>*1</p> <p>To enter the question queue (does not work during a vote)</p> </div> <div style="text-align: center;"> <p>*2</p> <p>To be removed from the question queue</p> </div> </div> <div style="text-align: center; margin-top: 20px;"> <p>*0</p> <p>To signal for PJM support staff assistance</p> </div>	<p>Please log in to the voting application at voting.pjm.com, 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>*7</p> <p>Yes</p> </div> <div style="text-align: center;"> <p>*8</p> <p>No</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <p>*9</p> <p>Abstain</p> </div> <div style="text-align: center;"> <p>*0</p> <p>To signal for PJM support staff assistance</p> </div> </div>
<p>Asking A Question</p> <ul style="list-style-type: none"> 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. Questions are taken during the meeting when natural breaks occur and are asked in the order they are received. 	
<p>Linking Teleconference Connection to Webex</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"> 1. Join meeting in the Webex desktop client 2. Enter name (<i>First and Last*</i>) and corporate email 3. Call in to the operator-assisted number
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