

Operating Committee  
PJM Conference & Training Center, Audubon, PA  
January 9, 2018  
9:00 a.m. – 12:00 p.m. EPT

## Administration

1. Approved Operating Committee (O.C.) Agenda for this meeting.
2. Reviewed and approved the Draft Minutes of the December 12, 2017 O.C. meeting.
3. Reviewed the O.C. Work Plan.
- 3a. An announcement was made for the February 6 O.C. Special Session for the PJM RTO Wide Black Start RFP.

## Review of Operations

### 4. Review of Operational Events

Mr. Chris Pulong, PJM, reviewed PJM operations since the last O.C. Meeting. There were 0 Disturbance Control Standard (DCS) events, 0 Synchronous Reserve events and 1 Shared Reserve event. There were 5 Cold Weather Alerts issued from December 25 through 31. A summary of cold weather operations from December 27, 2017 to January 7, 2018 was provided. It was noted that during this period PJM experienced its fourth highest winter peak of 138,465 MW at 7 p.m. Friday, January 5 along with two other top 10 winter peaks. PJM is continuing to collect and analyze performance information for this period and will share at the January 25 MRC meeting.

### 5. Review of Operating Metrics

Mr. Joe Ciabattoni, PJM, reviewed the PJM operating metrics slides. A discussion was held regarding the 3 % target value PJM uses for error rate in load forecasting. It was explained that this is a historical value but PJM is open to discussion regarding how system load is forecasted.

## Tool and Informational Updates

### 6. Black Start Request For Proposal (RFP) Process Update

Mr. David Schweizer, PJM, provided an update regarding the RTO Black Start Request for Proposal (RFP) Process, including a review of process enhancements and confirming the current target of 2/1/2018 for issuing the RFP. There is a special session of the O.C. scheduled following the February 6 meeting to provide additional details. PJM highlighted that a strong focus on fuel assurance will be applied during the RFP proposal evaluation, such as, higher weighting for natural gas proposals with dual fuel capability or primary firm gas contracts.

### 7. Cold Weather Testing Update

Mr. David Schweizer, PJM, provided an update regarding PJM's Cold Weather Testing program.

## 8. System Resilience

Mr. Don Wallin, PJM, provided an update on PJM's short-term resilience initiatives. The Emergency Operating Instruction Compensation Problem Statement and Issue Charge for the MIC and MRC was discussed. Additionally, PJM will review Conservative Operations procedures contained in Manual 13 "Emergency Operations" at future SOS/O.C. meetings with a focus on resilience.

## 9. NERC Lessons Learned

There were no NERC Lessons Learned presented at this month's meeting.

## 10. NERC and Regional Coordination 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 N&RC efforts.

## 11. Manual 12 Changes

Ms. Nicole Militello, PJM, reviewed the proposed changes to *Manual 12: – Attachment F: Dynamic Transfer Process Flow Changes*.

## 12. Pricing Interface Update

There were no newly created pricing interfaces.

## Endorsements / Approvals

### 13. Manual 38 Changes

Mr. Liem Hoang, PJM, reviewed the proposed changes to *Manual 38: Operations Planning*. **The Operating Committee endorsed these changes with 0 objections and 0 abstentions.**

### 14. Manual 40 Changes

Ms. Maureen Curley, PJM, reviewed the proposed changes to *Manual 40: Training and Certification Requirements*. **The Operating Committee endorsed these changes with 0 objections and 0 abstentions.**

### 15. Manual 14D Changes

Ms. Rebecca Stadelmeyer, PJM, reviewed the proposed changes to *Manual 14D: Generator Operational Requirements*. **The Operating Committee endorsed these changes with 0 objections and 0 abstentions.**

## First Readings

### 16. Dispatcher Training Subcommittee (DTS) Charter Changes

Ms. Maureen Curley, PJM, reviewed the proposed changes to the Dispatcher Training Subcommittee (DTS) charter for the inclusion of Human Performance (HP) as a regular discussion topic. **The Operating Committee will be asked to endorse these changes at the next OC meeting.**

## OC Subcommittee / Task Force Updates

### 17. System Operations Subcommittee (SOS)

Mr. Mike Zhang, PJM, provided a summary of the most recent SOS meeting.

### 18. Data Management Subcommittee (DMS)

There were no DMS updates presented at this O.C. meeting.

### 19. System Restoration Coordinators Subcommittee (SRCS)

Ms. Alpa Jani, PJM, provided a review of the May 2018 Spring Emergency Procedure Drill invitation process via displays contained within the NERC Compliance Section of Resource Tracker.

### 20. Primary Frequency Response Sr. Task Force (PFRSTF)

Mr. Glen Boyle, PJM, provided an update on the Primary Frequency Response Sr. Task Force (PFRSTF).

## Capacity Performance

### 21. Unit Specific Parameter Updates

Ms. Alpa Jani, PJM, provided an update on Unit Specific Parameters.

### 22. Performance Assessment Interval Communications Over ICCP Project

Ms. Alpa Jani, PJM, provided an informational update on the Performance Assessment Interval Communications Over ICCP project.

## Action Items (12:00)

## Future Meeting Dates

February 6, 2018	9:00 a.m.	PJM Interconnection - Conference and Training Center
March 6, 2018	9:00 a.m.	PJM Interconnection - Conference and Training Center
April 3, 2018	9:00 a.m.	PJM Interconnection - Conference and Training Center
May 1, 2018	9:00 a.m.	PJM Interconnection - Conference and Training Center

Author: Don Wallin

## In Attendance (In Person)

Last Name	First Name	Company	Sector
Seiler (Chair)	Ken	PJM Interconnection, LLC	Not Applicable
Wallin (Secretary)	Don	PJM Interconnection, LLC	Not Applicable
Benchek	Jim	First Energy Solutions	Transmission Owner
Braerman	Kenneth	Baltimore Gas and Electric	Transmission Owner

Coffman	J. Earl	PECO Energy Company	Transmission Owner
Fitch	Neal	NRG Power Marketing LLC	Generation Owner
Foladare	Kenneth	Tangibl	Not Applicable
Greiner	Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Hastings	David	MICS	Other Supplier
Horstmann	John	Dayton Power & Light Company	Transmission Owner
Kogut	George	New York Power	Other Supplier
Midgley	Sharon	Exelon Business Services	Transmission Owner
O'Connell	Robert	PPGI Fund A/B Development, LLC	Generation Owner
Stewart	Travis	Gable and Associates	Not Applicable
Sweeney	Rory	RTO Insider	Not Applicable
Trayers	Barry	Citigroup Energy Inc.	Other Supplier
Whitehead	Jeffrey	GT Power Group	Not Applicable

### In Attendance (Via Conference Call)

Last Name	First Name	Company	Sector
Ainspan	Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Barker	Jason	Exelon Business Services	Transmission Owner
Bolan	Martin	First Energy Solutions	Transmission Owner
Borgatti	Mike	Gable and Associates	Not Applicable
Brodbeck	John	EDP Renewables	Other Supplier
Campbell	Bruce	Energy Connect, Inc.	Other Supplier
Carmean	Gregory	OPSI	Not Applicable
DeGiusto	Vince	UGI Development Company	Generation Owner

DeLosa	Joe	Delaware Public Service Commission	Not Applicable
Dolan	Ryan	AEP Energy Partners, Inc.	Other Supplier
Filomena	Guy	Customized Energy Solutions, Ltd.	Not Applicable
Ford	Adrien	Old Dominion Electric Cooperative	Not Applicable
Gebolys	Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Guntle	Vince	UGI Development Company	Generation Owner
Hanebuth	Michele	Consolidated Edison Company of NY, Inc.	Transmission Owner
Hoatson	Tom	Riverside Generating, LLC	Other Supplier
Hunter	Andrew	Metropolitan Edison	Transmission Owner
Janicki	Diane	Boston Energy Trading and Marketing LLC	Generation Owner
Johnston	Dave	Indiana Utility Regulatory Commission	Not Applicable
Keeney	Jerry	Dynegy Marketing & Trade, LLC	Generation Owner
Klecha	Courtney	PSEG Energy Resources and Trade LLC	Other Supplier
Libbos	Robin	FirstEnergy Solutions Corp	Transmission Owner
Liu McKenna	Phyllis	Public Service Electric & Gas Company	Transmission Owner
Mabry	David	McNees Wallace & Nurick LLC	Not Applicable
Ondayko	Brock	AEP Energy Supply	Generation Owner
Phillips	Marjorie	Direct Energy Business, LLC	Other Supplier
Pratzon	David	GT Power Group	Not Applicable
Ruck	Andrew	PSEG Energy Resources and Trade LLC	Other Supplier
Runowski	Brian	Commonwealth Edison Company	Transmission Owner
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable

Sauriol	Dennis	AEP Ohio Transmission Company, Inc.	Transmission Owner
Schloendorn	Ronald	PECO Energy Company	Transmission Owner
Schneider	Jon	First Energy Solutions	Transmission Owner
Sillin	John	The Federal Energy Regulatory Commission	Not Applicable
Smith	Jacque	Duquesne Light Company	Transmission Owner
Stack	James	Duquesne Light Company	Transmission Owner
Tsao	Stephanie	S&P Global Market Intelligence	Not Applicable
Wharton	Ronald	Public Service Electric & Gas Company	Transmission Owner
White	Doug	North Carolina Electric	Electric Distributor
Witkowski	Kevin	Exelon Generation Co.	Generation Owner

## PJM Attendees

Last Name	First Name	Company	Sector
Anders	Dave	PJM Interconnection, LLC	Not Applicable
Bielak	Donnie	PJM Interconnection, LLC	Not Applicable
Boyle	Glen	PJM Interconnection, LLC	Not Applicable
Brown	Rich	PJM Interconnection, LLC	Not Applicable
Bryson	Mike	PJM Interconnection, LLC	Not Applicable
Carroll	Rebecca	PJM Interconnection, LLC	Not Applicable
Ciabattoni	Joe	PJM Interconnection, LLC	Not Applicable
Curley	Maureen	PJM Interconnection, LLC	Not Applicable
Croop	Danielle	PJM Interconnection, LLC	Not Applicable
Davis	Elizabeth	PJM Interconnection, LLC	Not Applicable
Driscoll	Mary Ellen	PJM Interconnection, LLC	Not Applicable

Fabiano	Janell	PJM Interconnection, LLC	Not Applicable
Fry	Brian	PJM Interconnection, LLC	Not Applicable
Handlin	Mike	PJM Interconnection, LLC	Not Applicable
Hauske	Thomas	PJM Interconnection, LLC	Not Applicable
Hendrzak	Chantal	PJM Interconnection, LLC	Not Applicable
Hoang	Liem	PJM Interconnection, LLC	Not Applicable
Holland	Risa	PJM Interconnection, LLC	Not Applicable
Jani	Alpa	PJM Interconnection, LLC	Not Applicable
Keech	Adam	PJM Interconnection, LLC	Not Applicable
Kimmel	David	PJM Interconnection, LLC	Not Applicable
King	Kendra	PJM Interconnection, LLC	Not Applicable
McGlynn	Paul	PJM Interconnection, LLC	Not Applicable
Millitello	Nicole	PJM Interconnection, LLC	Not Applicable
Noonan	Casey	PJM Interconnection, LLC	Not Applicable
Pilong	Chris	PJM Interconnection, LLC	Not Applicable
Pincus	Steve	PJM Interconnection, LLC	Not Applicable
Stadelmeyer	Rebecca	PJM Interconnection, LLC	Not Applicable
Schweizer	David	PJM Interconnection, LLC	Not Applicable
Stefanowicz	Vince	PJM Interconnection, LLC	Not Applicable
Stone	Andy	PJM Interconnection, LLC	Not Applicable
Tam	Simon	PJM Interconnection, LLC	Not Applicable
Tutino	Joseph	PJM Interconnection, LLC	Not Applicable
Walker	Preston	PJM Interconnection, LLC	Not Applicable



# Draft Minutes

Ward	Mike	PJM Interconnection, LLC	Not Applicable
Zhang	Mike	PJM Interconnection, LLC	Not Applicable

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