

Operating Committee
PJM Conference and Training Center
April 7th, 2015
9:00 a.m.

Administration

1. OC Agenda for this meeting was approved.
2. Draft Minutes of the March 10th, 2015 OC meeting were reviewed and approved
3. OC Work Plan was reviewed. Training and Certification Compliance Review will be added.
4. OC Posting Report Card was reviewed.

OC Charter Annual Review

5. Ms. Reiter reviewed the OC charter. ****The committee had no recommended changes.**

Review of Operations

6. Mr. Pilog reviewed PJM Operations since the last Operating Committee (OC) Meeting. There were 2 Cold Weather Alerts and 3 GMD Emergency Procedure Events during the month of March. The GMD event from March 17th, 2015 was reviewed.
7. Mr. Bryson reviewed the PJM Operating Metric Slides. The Operating Committee requested further information on the Spin Response Events at its next meeting.

OC Subcommittee Updates

8. Mr. Pilog provided a summary of the SOS meeting.
9. Mr. Graff provided a summary of the SIS meeting.
10. Mr. Hatch provided a summary of the SRCS meeting.

Manual Endorsements

11. Mr. Schweizer will review changes to M14D: Generator Operational Requirements. These changes were regarding System Frequency and Governor response as a result of the NERC Industry Advisory. He also reminded members that PJM will be sending out a Governor Survey seeking information on governor deadband settings, droop settings, and modes of operation. Survey responses will be due back to PJM by 6/1/15. The surveys will be sent out via eDART with a bulk XML upload option available. ****The Operating Committee endorsed these changes with 0 objections and 1 abstention.**

EDart Generation Maintenance Outage Enhancement

12. Mr. Schweizer reviewed the new revision for maintenance outages submitted inside of 3 days will be put in “Initially Denied” status (status name will be change to “Pending Evaluation”). This allows PJM to evaluate any reliability issues.

Fast Response Regulation Problem Statement

13. Ms. Martini reviewed the Fast Response Regulation Resources Operational Impact Problem Statement. PJM has recently observed decreased benefits from large amounts of RegD resources providing regulation service. Additional challenges to managing system control can occur during times when there is a large percentage of RegD MWs providing regulation. **The Operating Committee will be asked to approve the Problem Statement/Issue Charge at its next meeting.

Manual First Reads

14. Mr. Boyle reviewed changes to Manual 36: System Restoration. Changes to section 3.1.7 and 3.1.8 added detail to when PJM assumes control and when PJM returns to normal operations. Other changes included added guidance on completion of the Interconnection Checklist and minor updates to restoration forms. **The Operating Committee will be asked to endorse these changes at its next meeting.
15. Ms. Huang reviewed changes to Manual 03: Transmission Operations. Changes included adding a requirement that load dump rating be at least 3% higher than Emergency rating, modified language for clarity on TO load dump directive response, changes to transfer interface definitions, and several updates to section 5. **The Operating Committee will be asked to endorse these changes at its next meeting.
16. Ms. Huang reviewed changes to Manual 38: Operations Planning. Changes were made to Attachment A & B. **The Operating Committee will be asked to endorse these changes at its next meeting.

Tool and Informational Updates

17. Mr. Hislop reviewed future enhancements to the IRC. These included Unit by Unit Design, IRC Self-Check, and enhancements on the PJM operator side.
18. Mr. Souder provided an update on the 2013 Hot Weather and 2014 Cold Weather Recommendations.
19. Ms. Wesley provided an update on NERC, SERC and RFC standards and other pertinent regulatory and compliance information and solicit feedback from the members on N&RC efforts. There are currently several standards under development and several standards now subject to future enforcement.
20. Mr. Keech reviewed CT LOC Parameters package that were a result of the EMUSTF. The package will be voted on at the MRC on April 23rd and the MC on May 21st.

Gas Unit Commitment Coordination

21. Ms. Jani reviewed the work plan and confirming there were no open items, the Gas Unit Commitment Coordination group agreed to put the group on hold. The group will be initiated when there are more items under the scope to discuss. .

Cold Weather Resource Improvement

22. Ms. Reiter reviewed Lessons Learned and proposed process changes for the 2015/2016 Winter.

Future Meeting Dates

May 5, 2015	9:00 am	PJM Conference and Training Center
June 9, 2015	9:00 am	PJM Conference and Training Center
July 7, 2015	9:00 am	PJM Conference and Training Center
August 11, 2015	9:00 am	PJM Conference and Training Center
September 8, 2015	9:00 am	PJM Conference and Training Center
October 6, 2015	9:00 am	PJM Conference and Training Center
November 3, 2015	9:00 am	PJM Conference and Training Center
December 1, 2015	9:00 am	PJM Conference and Training Center

Author: Heather Reiter

In Attendance (In Person)

Last Name	First Name	Company	Sector
Bryson (Chair)	Mike	PJM Interconnection, LLC	Not Applicable
Reiter (Secretary)	Heather	PJM Interconnection, LLC	Not Applicable
Benchek	Jim	FirstEnergy Solutions Corporation	Transmission Owner
Borgatti	Michael	Gable and Associates	Not Applicable
Brodbeck	John	Potomac Electric Power Company	Electric Distributor
Foladare	Kenneth	IMG Midstream LLC	Generation Owner
Horstmann	John	Dayton Power & Light Company	Transmission Owner
Jardot	Gina	Essential Power Rock Springs, LLC	Transmission Owner
Johnson	Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Kogut	George	New York Power Authority	Other Supplier
Lieberman	Steven	Old Dominion Electric Cooperative	Electric Distributor
Luna	Joel	Monitoring Analytics, LLC	Not Applicable
O'Connell	Robert	Main Line Electricity Market Consultants	None
Pratzon	David	GT Power Group	Not Applicable
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Stadelmeyer	Rebecca	Exelon Business Services Company, LLC	Transmission Owner
Stewart	Travis	Gable and Associates	None
Trayers	Barry	Citigroup Energy, Inc.	Other Supplier
Weaver	David	PECO Energy Company	Transmission Owner

In Attendance (Via Conference Call)

Last Name	First Name	Company	Sector
Berlinski	Mike	Customized Energy Solutions, Inc.	None
Blackshear	David	Constellation Energy Control and Dispatch, LLC	Other Supplier
Bolan	Martin	FirstEnergy Solutions Corporation	Transmission Owner
Bonner	Charles	Dominion Virginia Power	Not Applicable
Carmean	Gregory	OPSI	Not Applicable
Carro	Dan	Dominion Virginia Power	Not Applicable
Citrolo	John	PSEG Energy Resources and Trade LLC	Transmission Owner
DeGeeter	Ralph	Maryland Public Service Commission	Not Applicable
DeVitto	Ralph	Rockland Electric Company	Transmission Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Erickson	Bruce	Alleghany Electric Cooperative, Inc.	Electric Distributor
Filomena	Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Fitch	Neal	NRG Power Marketing LLC	Generation Owner
Garavaglia	John	Commonwealth Edison Company	Transmission Owner
Gates	Terry	Appalachian Power Company	Transmission Owner
Gebolys	Debbie	Other	Not Applicable
Greening	Michele	PPL EnergyPlus, L.L.C.	Transmission Owner
Griffiths	Dan	Consumer Advocates of PJM States	Not Applicable
Heidorn	Rich	RTO Insider	Not Applicable
Hoatson	Tom	Riverside Generating, LLC	Other Supplier
Hostetler	Tim	AEP	Transmission Owner
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kerr	Jack	Virginia Electric & Power Company	Transmission Owner
Lowe	Connie	Dominion Virginia Power	Not Applicable
Ma	Alex	Invenegy	Generation Owner
Mabry	David	McNees Wallace & Nurick LLC	Not Applicable
Markiewicz	Cindy	Allegheny Power	Transmission Owner
McAlister	Lisa	American Municipal Power, Inc.	Electric Distributor
Meier	Mariko	EnerNOC, Inc.	Other Supplier
Melnek	Markian	Atlantic Grid Operations A, LLC	Other Supplier
Metzler	Jakob	Castleton Commodities Merchant Trading L.P.	Other Supplier
Moraski	John	Baltimore Gas and Electric Company (TO)	None
Norton	Chris	American Municipal Power, Inc.	Electric Distributor
O'Leary	Christopher	PSEG Energy Resources and Trade LLC	Transmission Owner
Ondayko	Brock	Appalachain Power Company	Transmission Owner
Patten	Kevin	Appalachain Power Company	Transmission Owner

Pleiss	Robert	Constellation Energy Commodities Group, Inc.	Other Supplier
Price	Russell	UGI Utilities, Inc.	Transmission Owner
Rohrbach	John	Southern Maryland Electric Cooperative	Electric Distributor
Santarelli	Paul	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Singh	Randhir	PSEG Fossil LLC	Generation Owner
Slade	Louis	Virginia Electric & Power Company	Transmission Owner
Smyth	Dermot	ConEdison Energy, Inc.	Other Supplier
Weghorst	Bradley	PPL EnergyPlus, LLC	Transmission Owner
Wharton	Ronald	Public Service Electric & Gas Company	Transmission Owner

PJM Attendees

Anders	David	PJM Interconnection, LLC	Not Applicable
Boyle	Glen	PJM Interconnection, LLC	Not Applicable
Ciabattoni	Joe	PJM Interconnection, LLC	Not Applicable
Graff	Ron	PJM Interconnection, LLC	Not Applicable
Hatch	Kevin	PJM Interconnection, LLC	Not Applicable
Hauske	Tom	PJM Interconnection, LLC	Not Applicable
Hislop	David	PJM Interconnection, LLC	Not Applicable
Hoang	Liem	PJM Interconnection, LLC	Not Applicable
Hsia	Eric	PJM Interconnection, LLC	Not Applicable
Huang	Nancy	PJM Interconnection, LLC	Not Applicable
Jani	Alpa	PJM Interconnection, LLC	Not Applicable
Keech	Adam	PJM Interconnection, LLC	Not Applicable
Martini	Danielle	PJM Interconnection, LLC	Not Applicable
Miehlke	Tracy	PJM Interconnection, LLC	Not Applicable
Olaleye	Michael	PJM Interconnection, LLC	Not Applicable
Pilong	Chris	PJM Interconnection, LLC	Not Applicable
Schweizer	David	PJM Interconnection, LLC	Not Applicable
Shparber	Steven	PJM Interconnection, LLC	Not Applicable
Souder	Dave	PJM Interconnection, LLC	Not Applicable