

Planning Committee
PJM Conference and Training Center
February 4, 2020
9:00 a.m. – 11:20 a.m. EPT

Administration (9:00-9:25)

1. Mr. Dave Souder, PJM, called the meeting to order and Ms. Molly Mooney, PJM, reviewed the Antitrust, Code of Conduct, media participation, WebEx guidelines, and safety procedures.
2. Ms. Molly Mooney reviewed the February 4, 2020 Planning Committee Agenda. An announcement was made regarding the order of agenda items. Agenda Item 4 will be moved to the first informational update and Agenda Item 14 will be discussed during the administration portion of the meeting.
3. Ms. Molly Mooney reviewed the draft minutes posted for the January 7th, 2020 meeting and the Planning Committee approved the minutes.
14. **Data Request Update**
Mr. Ken Seiler and Mr. Chris O'Hara, PJM, updated the Planning Committee regarding data sharing with the Independent Market Monitor. Mr. Ken Seiler also updated the Planning Committee on the Transmission Owner Attachment M-4 process (CIP-014 Mitigation Projects) stating that PJM will be filing comments in support.

Endorsements (9:25-9:35)

5. **TO/TOP Matrix V14**
Mr. Srinivas Kappagantula, PJM, presented the proposed changes to the TO/TOP Matrix. **The Committee endorsed a recommendation to the TOA-AC to approve the Draft TO/TOP Matrix V14 with an acclamation vote of 0 objections and 0 abstentions.**

First Reads (9:35-11:00)

6. **Market Efficiency Process Enhancement Task Force Update**
Mr. Jack Thomas, PJM, reviewed the work completed at the Market Efficiency Process Enhancement Task Force. Phase 3 of the MEPETF was broken up into three categories, Regional Targeted Market Efficiency Project (RTMEP), benefits calculations with respect to capacity, and the window to separate capacity and energy benefits. Mr. Nick Dumitriu, PJM, provided an overview of PJM packages. Mr. Howard Haas, the Independent Market Monitor, provided an overview of IMM packages. Mr. Takis Laois, AEP, provided an overview of the AEP package. Mr. Jonathan Loesch, First Energy, provided an overview of the FE package. The Committee will be asked to vote on the packages at its next meeting.
7. **Manual 22 Updates**
Mr. Jerry Bell, PJM, presented updates to Manual 22 Generator Resource Performance Indices. The Committee will be requested to endorse these updates at the March meeting.

8. **Manual 14A/14E/14G Updates**

Ms. Onyinye Caven, PJM, presented updates to Manual 14A, Manual 14E, and Manual 14G in relation to the recent FERC 845 ruling. The Committee will be requested to endorse these updates at the March meeting.

Informational Updates (11:00-11:20)

4. **PJM Annual Meeting Changes**

Ms. Jennifer Tribulski, PJM, provided an update regarding the PJM Annual Meeting.

9. **Manual 12 Attachment F Updates**

Mr. Ed Franks, PJM, presented updates to Manual 12 Balancing Operations regarding the planning eligibility criteria as part of the pseudo-tie approval process. Manual 12 will be brought through the Market Implementation Committee (MIC) to the Markets & Reliability Committee (MRC) for endorsement.

10. **Designated Entity Design Standards**

Mr. Jay Liu, PJM, reviewed the status of bi-annual (every two years) review of the Designated Entity Minimum Required Standards as required by the DEDSS Charter.

11. **TPL 007-3 Geomagnetic Disturbance Update**

Ms. Ilyana Dropkin, PJM, provided an update on the NERC Reliability Standard TPL-007-3: Transmission System Planned Performance for Geomagnetic Disturbance Events work.

12. **Critical Infrastructure Stakeholder Oversight Update**

Ms. Christina Stotesbury, PJM, discussed the workplan for the Critical Infrastructure Stakeholder Oversight Special Planning Committee sessions. The next meeting for the Special PC: Critical Infrastructure group is Wednesday, February 12th from 1:00 p.m - 4:00 p.m.

13. **Reliability Compliance Update**

Mr. Preston Walker, PJM, provided an update on the activities, issues and items of interest at NERC, SERC, and RF.

Informational Posting

Model Build Activity Update

The 2020 series RTEP powerflow cases and associated files were provided to PJM's Transmission Planning Department on Friday January 31, 2020. The 2020 series RTEP Trial 2 short circuit case was provided to the Transmission Owners on Friday January 31, 2020; the Transmission Owners will have until Friday February 14, 2020 to provide any feedback or corrections to the case.

MOD-032 Update

The Gen Model window will open May 1 and remain open through June 15. Generator Owners have the option of using data submitted in previous years to prepopulate the 2020 forms. Gen Model link: <https://pjm.com/planning/services-requests/planning-modeling-submission-mod-032.aspx>; for any questions or comments email MOD-032@pjm.com

Future Meeting Dates

Wednesday, February 12, 2020	1:00 p.m. – 4:00 p.m.	Special PC: Critical Infrastructure	PJM Conference & Training Center/ WebEx
Tuesday, March 10, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Tuesday, March 3, 2020	9:00 a.m. – 12:00 p.m.	Special PC: Critical Infrastructure	PJM Conference & Training Center/ WebEx
Friday, April 3, 2020	1:00 p.m. – 4:00 p.m.	Special PC: Critical Infrastructure	PJM Conference & Training Center/ WebEx
Tuesday, April 14, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Tuesday, April 28, 2020	1:00 p.m. – 4:00 p.m.	Special PC: Critical Infrastructure	PJM Conference & Training Center/ WebEx
Tuesday, May 12, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Tuesday, June 02, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Tuesday, July 07, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Tuesday, August 04, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Tuesday, September 01, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Tuesday, October 06, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Wednesday, November 04, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Tuesday, December 01, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx

Attendance List

David Souder (Chair)	PJM Interconnection, LLC	Not Applicable
Molly Mooney (Secretary)	PJM Interconnection, LLC	Not Applicable
Ryan Dolan	American Municipal Power	Electric Distributor
Steven Lieberman	American Municipal Power, Inc.	Electric Distributor
Chris Norton	American Municipal Power, Inc.	Electric Distributor
Gary Fuerst	American Transmission Systems, Inc.	Transmission Owner
Brock Ondayko	Appalachian Power Company	Transmission Owner
Eric Swanger	Appalachian Power Company	Transmission Owner
David Canter	Appalachian Power Company	Transmission Owner
Takis Laios	Appalachian Power Company	Transmission Owner
Jonathan Loesch	ATSI	Transmission Owner
Kevin Kilgallen	Avangrid Renewables LLC	Generation Owner
Zelalem Tekle	Baltimore Gas and Electric	Transmission Owner
Hugh Scott	Baltimore Gas and Electric Company	Transmission Owner
Ron Pezon	Borough of Chambersburg	Electric Distributor
Diane Janicki	Boston Energy Trading and Marketing LLC	Generation Owner
Stephen Kelly	Brookfield Energy Marketing LP	Other Supplier
Bill Allen	Commonwealth Edison Company	Transmission Owner
Paul Mills	Commonwealth Edison Company	Transmission Owner
Ron Regner	Commonwealth Edison Company	Transmission Owner
Haibin Sun	Constellation Energy Services, Inc	Other Supplier
Guy Filomena	Customized Energy Solutions, Ltd.	Not Applicable
Lynn Horning	Customized Energy Solutions, Ltd.	Not Applicable
Carl Johnson	Customized Energy Solutions, Ltd.	Not Applicable
Jonathan Sasser	Customized Energy Solutions, Ltd.	Not Applicable
Ashwin Kumar Balaji	Daymark Energy Advisors	Not Applicable
Tim Bockhorn	Dayton Power & Light Company (The)	Transmission Owner
John Horstmann	Dayton Power & Light Company (The)	Transmission Owner
Michael Russ	Dayton Power & Light Company (The)	Transmission Owner
David Hastings	Dhast Co	Not Applicable
Jim Davis	Dominion Energy Marketing, Inc.	Generation Owner
Tania Jones	Dominion Virginia Power	Transmission Owner
Connie Lowe	Dominion Virginia Power	Not Applicable
William Jett	Duke Energy Business Services LLC	Generation Owner

Steve Steinkuhl
John Sturgeon
Julie Mason
Joe Pilch
Patrick Grau
Iker Chocarro
Darrin Adams
Nathan Bradley
John Brodbeck
Jonathan Surls
Thomas Leeming
Sharon Midgley
Pablo Ovando
Robert Taylor
Kevin Thundiyil
Roozbeh Shegarfi
Tom Bainbridge
Jim Benchek
Lou D'Alessandris
Laura DiNicola
Andrew Horne
Lawrence Hozempa
Jay Salem
Jeff Stuchell
Emma Nix
Laurie Oppel
Tom Hyzinski
Rory Sweeney
Jeff Whitehead
Mike Gahimer
Dave Johnston
Michael Swary
Ann Coultas
John Kopinski
David Mabry
Christin Domian
Keri Dorko
David Brown
George Kogut
Gabriel Hollis
Frederico Von Pinho
Miles Taylor
Yohannes Mariam
Adrien Ford
Bill Pezalla
Imelda Foley
Regina Carrado
Jerry Bell
Aaron Berner
Onyinye Caven
Yang Chen
Akm Faisal
Zhenyu Fan
Lawrence Farmer
Anisha Fernandes
Ed Franks
Jim Glennon
Michele Greening
Suzanne Herel
Michael Herman
John Keegan
Jay Liu
Erich Mauroschatd
Susan McGill
Wenzheng Qiu

Duke Energy Business Services LLC
Duke Energy Carolinas, LLC
Duke Energy Ohio, Inc.
Duquesne Light Company
Dynergy Marketing and Trade, LLC
E.ON Climate & Renewables North America, Inc.
East Kentucky Power Cooperative, Inc.
East Kentucky Power Cooperative, Inc.
EDP Renewables North America, LLC
Energy Exemplar
Exelon
Exelon Business Services Company, LLC
Exelon Business Services Company, LLC
Exelon Business Services Company, LLC
Exelon Business Services Company, LLC
Exelon Generation Co., LLC
FirstEnergy Solutions Corp.
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FirstEnergy Solutions Corp.
Gabel and Associates
Grid Advisers Inc
GT Power Group
GT Power Group
GT Power Group
IN Office of Utility Consumer Counselor
Indiana Utility Regulatory Commission
Interstate Gas Supply, Inc.
Invenergy, LLC
ITC Mid-Atlantic Development LLC
McNees Wallace & Nurick LLC
Mitsubishi Electric Power Products Inc.
Monitoring Analytics
New Jersey Board of Public Utilities
New York Power Authority
NextEra Energy Transmission, LLC
NextEra Energy Transmission, LLC
Northern Indiana Public Service Company
Office of the Peoples Counsel for the District of Columbia
Old Dominion Electric Cooperative
Old Dominion Electric Cooperative
Other
PECO Energy Company
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Transmission Owner
Other Supplier
Transmission Owner
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Generation Owner
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End User Customer
Electric Distributor
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Transmission Owner
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Draft Minutes

Jason Quevada
Ken Schuyler
Harliv Singh
Michelle Souder
Christina Stotesbury
Henry (Jack) Thomas
Preston Walker
Alex Worcester
John Feller
Ali Shadab
Christopher Szmodis
Amber Thomas
Gary Greiner
Garan Gunn
Leonid Lyakhovich
Rich Marinelli
Alex Stern
Heather Svenson
Debbie Gebolys
Ray Mason
Tom Hoatson
Lubaba Islam
Rollie Manganon
Christen Smith
Bill Skumanich
Patrick Hamrick
Lisa Mattson
Jennifer Hohenshilt
Kenneth Foadare
Eric Sorber
Colin Mott

PJM Interconnection, LLC
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PPL Electric Utilities Corp. dba PPL Utilities
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PPL Electric Utilities Corp. dba PPL Utilities
PPL Electric Utilities Corp. dba PPL Utilities
PSEG Energy Resources and Trade LLC
Public Service Electric & Gas Company
Public Service Electric & Gas Company
Public Service Electric & Gas Company
Public Service Electric & Gas Company
Public Service Electric & Gas Company
Public Utilities Commission of Ohio (The)
ReliabilityFirst Corporation
Riverside Generating, LLC
Rockland Electric Company
Rockland Electric Company
RTO Insider
RTR Energy Solutions LLC
Sun Energy
Sun Tribe Solar, LLC
Talen Energy Marketing, LLC
Tangibl
UGI Utilities, Inc.
Urban Grid

Not Applicable
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Other Supplier
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Other Supplier
Generation Owner
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Transmission Owner
Not Applicable

Author: Molly Mooney