

Planning Committee
PJM Conference and Training Center
October 12, 2017
9:30 a.m. – 12:15 p.m. EPT

Administration (9:30-9:35)

1. Mr. Frank Koza, PJM, called the meeting to order, reviewed the Anti-trust, Code of Conduct, and Media Participation Guidelines. Mr. Koza provided an updated on Issue Tracker items assigned to the Planning Committee.
2. Mr. Koza asked Ms. Susan McGill to review the meeting minutes of the September 14, 2017 Planning Committee meeting.

Endorsements (9:35-10:15)

3. 2017 Installed Reserve Margin Study Results

Mr. Tom Falin, PJM, reviewed the 2017 Installed Reserve Margin (IRM) study results. Mr. David Pratzon made a motion to endorse and Mr. Carl Johnson seconded the motion. There were no objections and no abstentions. In a voice vote, the committee endorsed the IRM and FPR for the 2018/19, 2019/20, 2020/21 and 2021/22 Delivery Years and the Winter Weekly Reserve Targets for the 2017/18 winter period.

4. PJM Manual 14B

Mr. Michael Herman, PJM, presented proposed updates to Manual 14B (Regional Transmission Planning Process). These updates will add additional information related to the contingency definitions. Mr. David Pratzon made a motion to endorse and Mr. Carl Johnson seconded the motion. There were no objections and no abstentions. In a voice vote, the committee endorsed the Manual revisions.

5. PJM Manual 19

Mr. John Reynolds, PJM, presented proposed updates to Manual 19 (Load Forecasting and Analysis). These updates will clarify when load drop estimates are produced and the required periodic review of the Manual. Mr. Carl Johnson made a motion to endorse and Mr. David Pratzon seconded the motion. There were no objections and no abstentions. In a voice vote, the committee endorsed the Manual revisions.

First Reads (10:15-10:45)

6. New Service Request Study Methods

Mr. Ed Franks, PJM, discussed proposed changes to the procedures associated with the study of Transmission Service Requests and Upgrade Requests in the New Services Queue process which

have been recently discussed in Planning Committee sub-group meetings. The committee will be asked to endorse new methods at its next meeting.

7. Incorporation of Minimum Requirements for Underground Transmission

Mr. Michael Herman, PJM, presented updates to the existing Minimum Design Standards document developed by the DEDSTF including the incorporation of a new Underground lines section developed by the Task Force. The committee will be asked to endorse the inclusion of these minimum requirements at its next meeting.

Informational Updates (10:45-12:15)

9. Grid Resilience in System Planning

Mr. Mark Sims, PJM, discussed grid resilience in Transmission Planning as well as next steps. PJM will continue to refine the meaning of grid resilience in Transmission Planning in the coming meetings. Members are encouraged to provide feedback through the [Planning Community](#).

10. RTEP 2018 Schedule Update

Mr. Alex Worcester, PJM, provided an update regarding the RTEP 2018 Schedule. The full RTEP Power flow case build schedule is available in the materials in the October 12th Planning Committee Material on the [PC Website](#).

11. NERC and Regional Coordination Update

Mr. Preston Walker, PJM, provided an update on recent NERC activities and PJM compliance activities. NERC standards subject to future enforcement can be found under the October 12th Planning Committee Material at the [PC Website](#).

12. PJM.com Updates

Ms. Tawnya Luna, PJM, provided an update on the upcoming revisions to the PJM.com website.

Future Meeting Dates

December 14, 2017	9:30 a.m.	PJM Conference & Training Center/ WebEx
January 11, 2018	9:30 a.m.	PJM Conference & Training Center/ WebEx
February 8, 2018	9:30 a.m.	PJM Conference & Training Center/ WebEx
March 8, 2018	9:30 a.m.	PJM Conference & Training Center/ WebEx
April 5, 2018	9:30 a.m.	PJM Conference & Training Center/ WebEx
May 3, 2018	9:30 a.m.	PJM Conference & Training Center/ WebEx
June 7, 2018	9:30 a.m.	PJM Conference & Training Center/ WebEx
July 12, 2018	9:30 a.m.	PJM Conference & Training Center/ WebEx
August 9, 2018	9:30 a.m.	PJM Conference & Training Center/ WebEx
September 13, 2018	9:30 a.m.	PJM Conference & Training Center/ WebEx
October 11, 2018	9:30 a.m.	PJM Conference & Training Center/ WebEx
November 8, 2018	9:30 a.m.	PJM Conference & Training Center/ WebEx
December 13, 2018	9:30 a.m.	PJM Conference & Training Center/ WebEx



Draft Meeting Minutes

November 9, 2017
December 14, 2017

9:30 a.m.
9:30 a.m.

PJM Conference & Training Center/ WebEx
PJM Conference & Training Center/ WebEx

Attendees

Frank Koza Jr. (Chair)	PJM Interconnection, LLC	Not Applicable
Susan McGill (Secretary)	PJM Interconnection, LLC	Not Applicable
Lynn Sarvis	ABB	Not Applicable
Eric Laverty	Aces	Electric Distributor
RJ Cundiff	AEP Energy Partners, Inc.	Transmission Owner
Ryan Dolan	AEP Energy Partners, Inc.	Transmission Owner
Brian Swain	AEP Indiana-Michigan Transmission Company, Inc.	Transmission Owner
Ed Kachaab	AEP Ohio Transmission Company, Inc.	Transmission Owner
Jamie Lejcar	Allegheny Electric Cooperative, Inc.	Electric Distributor
Toby Hu	Ameren Corporation	Not Applicable
Kiran Thammineni	Ameren Corporation	Not Applicable
Edward Tatum	American Municipal Power	Electric Distributor
Gary Fuerst	American Transmission Systems, Inc.	Transmission Owner
Jim Zweig	American Transmission Systems, Inc.	Transmission Owner
Takis Laios	Appalachian Power Company	Transmission Owner
Craig Lockwood	Appalachian Power Company	Transmission Owner
Brock Ondayko	Appalachian Power Company	Transmission Owner
Kevin Patten	Appalachian Power Company	Transmission Owner
Marek Kaczanowski	Baltimore Gas and Electric Company	Transmission Owner
Rajul Mahmud	Baltimore Gas and Electric Company	Transmission Owner
Hugh Scott	Baltimore Gas and Electric Company	Transmission Owner
Ron Pezon	Borough of Chambersburg	Electric Distributor
Raj Chintapalli	BP Energy Company	Other Supplier
Greg Poulos	CAPS	Not Applicable
Deral Danis	Clean Line Energy Partners LLC	Not Applicable
William Allen	Commonwealth Edison Company	Transmission Owner
Kevin Chamberlain	Commonwealth Edison Company	Transmission Owner
Ronald Regner	Commonwealth Edison Company	Transmission Owner
Rehan Gilani	ConEdison Energy, Inc.	Not Applicable
Diana McNally-Barsotti	Consolidated Edison	Other Supplier
Bruce Campbell	Cpower	Other Supplier
Guy Filomena	Customized Energy Solutions, Ltd.	Not Applicable
Carl Johnson	Customized Energy Solutions, Ltd.	Not Applicable
Jonathan Sasser	Customized Energy Solutions, Ltd.	Not Applicable
Michael Russ	Dayton Power & Light Company (The)	Transmission Owner
Joseph DeLosa	DE Public Service Commission	Not Applicable
John Farber	DE Public Service Commission	Not Applicable
Michael Natrin	Delmarva Power & Light Company	Other Supplier
Ruth Ann Price	Division of the Public Advocate of the State of Delaware	Other Supplier
Kyle Hannah	Dominion Virginia Power	Transmission Owner
Frank Zhang	Dominion Virginia Power	Transmission Owner
Greg Pakela	DTE Energy Trading, Inc.	Other Supplier
Steve Steinkuhl	Duke Energy Business Services LLC	Transmission Owner
Chad Hirsh	Duquesne Light Company	Transmission Owner
Tonja Wicks	Duquesne Light Company	Transmission Owner
Patrick Grau	Dynergy Marketing and Trade, LLC	Generation Owner
Iker Chocarro	E.on Climate & Renewables North America, Inc	Generation Owner
Scott Sells	East Kentucky Power Cooperative, Inc.	Transmission Owner
Amanda Stacy	East Kentucky Power Cooperative, Inc.	Transmission Owner
John Brodbeck	EDP Renewables North America, LLC	Other Supplier
Sharon Midgley	Exelon Business Services Company, LLC	Generation Owner
Melanie Sanders	Exelon Business Services Company, LLC	Transmission Owner
Robert Taylor	Exelon Business Services Company, LLC	Transmission Owner
Jeffrey Yuknis	Exelon Business Services Company, LLC	Transmission Owner
Thomas Bainbridge	FirstEnergy Solutions Corp.	Transmission Owner
Jim Benchek	FirstEnergy Solutions Corp.	Transmission Owner
Martin Bolan	FirstEnergy Solutions Corp.	Transmission Owner
Stacey Burbure	FirstEnergy Solutions Corp.	Transmission Owner
Andrew Horne	FirstEnergy Solutions Corp.	Transmission Owner



Draft Meeting Minutes

Jeff Stuchell	FirstEnergy Solutions Corp.	Transmission Owner
John Syner	FirstEnergy Solutions Corp.	Transmission Owner
Rachel Hulett	Gridliance, GP, LLC	Not Applicable
David Pratzon	GT Power Group	Not Applicable
Roy Shanker	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Joe Staszowski	ISO New England	Not Applicable
John Kopinski	ITC Mid-Atlantic Development LLC	Other Supplier
Brenda Prokop	ITC Mid-Atlantic Development LLC	Transmission Owner
Sean Powers	Linde Energy Services, Inc	End User Customer
John Seelke	LS Power Development, LLC	Transmission Owner
Robert Colozza	LS Power Transmission, LLC	Transmission Owner
David Mabry	McNees Wallace & Nurick LLC	Not Applicable
Erik Hanser	Michigan Public Service Commission	Not Applicable
Heather Thomson	Mid-Atlantic Renewable Energy	Not Applicable
Christin Domian	Mitsubishi Electric Power Products Inc.	Not Applicable
John Hyatt	Monitoring Analytics	Not Applicable
Christopher Oprysk	New Jersey Board of Public Utilities	Not Applicable
George Kogut	New York Power Authority	Other Supplier
Dean Busch	NextEra Energy Resources	Other Supplier
Gabriel Hollis	NextEra Energy Transmission, LLC	Other Supplier
Amanda Mack	NextEra Energy Transmission, LLC	Other Supplier
Frederico Von Pinho	NextEra Energy Transmission, LLC	Other Supplier
Eric Rodriguez Reyes	NextEra Energy, Inc	Other Supplier
Yang Wang	NiSource Inc	Not Applicable
James Manning	North Carolina Electric Membership Corporation	Electric Distributor
Miles Taylor	Northern Indiana Public Service Company	Other Supplier
John Donelson	Old Dominion Electric Cooperative	Electric Distributor
William Pezalla	Old Dominion Electric Cooperative	Electric Distributor
Mark Ringhausen	Old Dominion Electric Cooperative	Electric Distributor
Douglas Dale	PECO Energy Company	Transmission Owner
Mike Donnelly	PECO Energy Company	Transmission Owner
Pulin Shah	PECO Energy Company	Transmission Owner
Gloria Godson	PEPCO Holdings, Inc.	Transmission Owner
Patricia Kurowski	PEPCO Holdings, Inc.	Transmission Owner
Amber Young	PEPCO Holdings, Inc.	Transmission Owner
David Anders	PJM Interconnection, LLC	Not Applicable
Jerry Bell	PJM Interconnection, LLC	Not Applicable
Aaron Berner	PJM Interconnection, LLC	Not Applicable
Nicole Bugay	PJM Interconnection, LLC	Not Applicable
Tim Burdis	PJM Interconnection, LLC	Not Applicable
Phil D'Antonio	PJM Interconnection, LLC	Not Applicable
Mary Ellen Driscoll	PJM Interconnection, LLC	Not Applicable
Tom Falin	PJM Interconnection, LLC	Not Applicable
Zhenyu Fan	PJM Interconnection, LLC	Not Applicable
Lawrence Farmer	PJM Interconnection, LLC	Not Applicable
Anisha Fernandes	PJM Interconnection, LLC	Not Applicable
Ed Franks	PJM Interconnection, LLC	Not Applicable
Suzanne Glatz	PJM Interconnection, LLC	Not Applicable
Andrew Gledhill	PJM Interconnection, LLC	Not Applicable
Jim Glennon	PJM Interconnection, LLC	Not Applicable
Jacob Grande	PJM Interconnection, LLC	Not Applicable
Steve Herling	PJM Interconnection, LLC	Not Applicable
Michael Herman	PJM Interconnection, LLC	Not Applicable
Thomas Jack	PJM Interconnection, LLC	Not Applicable
Lisa Krizenoskas	PJM Interconnection, LLC	Not Applicable
Jeremy Lin	PJM Interconnection, LLC	Not Applicable
Amanda Long	PJM Interconnection, LLC	Not Applicable
Jeffrey McLaughlin	PJM Interconnection, LLC	Not Applicable
Molly Mooney	PJM Interconnection, LLC	Not Applicable
Emma Nix	PJM Interconnection, LLC	Not Applicable
Wenzheng Qiu	PJM Interconnection, LLC	Not Applicable
Jason Quevada	PJM Interconnection, LLC	Not Applicable
John Reynolds	PJM Interconnection, LLC	Not Applicable
Patricio Rocha-Garrido	PJM Interconnection, LLC	Not Applicable
Ken Schuyler	PJM Interconnection, LLC	Not Applicable
David Schweizer	PJM Interconnection, LLC	Not Applicable

