

Planning Committee
PJM Conference and Training Center
July 12, 2018
9:00 a.m. – 3:15 p.m.

Administration (9:00-9:15)

1. Mr. Ken Seiler, PJM, called the meeting to order and Ms. Anisha Fernandes, PJM, reviewed the Anti-trust, Code of Conduct, media participation, and WebEx guidelines.
2. Ms. Anisha Fernandes reviewed the Agenda for the July 12, 2018 Planning Committee meeting, noting that item 15 will be presented before item 14 to allow for the flow of similar information between Items 14 and 16. The Planning Committee approved the Agenda.
3. Ms. Anisha Fernandes reviewed the draft minutes posted for the June 7, 2018 meeting and the Planning Committee approved the minutes.
4. Mr. Ken Seiler reviewed the PC Work Plan.

Endorsements (9:15-9:45)

5. **Manual 14A-14G Division**
Ms. Lisa Krizenoskas, PJM, presented the division of Manual 14A into revised Manual 14A New Services Requests Study Process and new Manual 14G Generation Interconnection Requests. **By vote of acclamation the Planning Committee endorsed the revisions with 0 objections and 0 abstentions.**
6. **Load Model Selection**
Mr. Patricio Rocha-Garrido, PJM, presented the results of the Load Model selection process for the 2018 Reserve Requirement Study. **By vote of acclamation the Planning Committee endorsed the Load Model Selection with 0 objections and 0 abstentions.**

First Reads (9:45-10:45)

7. **Manual 14B Updates**
Mr. Jonathan Kern, PJM, presented updates to Manual 14B Regional Transmission Planning Process. The committee will be requested to endorse these revisions at the next meeting.
8. **PJM Relay Philosophy Document Revisions**
Mr. Jeffrey Barsch, AEP, presented revisions made to the PJM Relay Philosophy document. It was noted at the meeting that the revision of this document is informational only, and does not need to be endorsed by the Planning Committee.
9. **Manual 14C Updates**
Mr. Art Wolfe, PJM, presented general changes being made to Manual 14C Generation & Transmission Interconnection Facility Construction. The committee will be requested to endorse these revisions at the next meeting.

10. Market Efficiency Process Enhancement Proposal

Mr. Brian Chmielewski, PJM, presented a first read on the Market Efficiency phase 1 proposal developed at the Market Efficiency Process Enhancement Task Force (MEPETF). The committee will be requested to endorse the proposal and Tariff revisions at the next meeting.

11. Manual 14F Updates

A) Mr. Brian Chmielewski, PJM, presented a first read on proposed changes to Manual 14F, Competitive Planning Process, including market efficiency process documentation regarding the evaluation of both regional and interregional projects. The committee will be requested to endorse these revisions at the next meeting.

B) Mr. Jason Shoemaker, PJM, presented proposed changes to Manual 14F Competitive Planning Process to incorporate the use of the new project proposal template, capture recently accepted FERC filings and include some changes resulting from the Cost Containment discussions. The committee will be requested to endorse these revisions at the next meeting.

Informational Updates (10:45-3:15)

12. Cost Commitment Status and Next Steps

Mr. Mark Sims, PJM, discussed the status and next steps for the Consideration of Cost Commitment for Evaluation of Competitive Transmission Proposals.

13. Security Initiatives High Level Overview

Mr. Colin Brisson, PJM, provided an overview of security initiatives, including the two factor authentication that will be implemented later this year in order to enhance security of PJM's web based, member facing tools.

15. Planning Resilience

Mr. Aaron Berner, PJM, provided an update on the efforts to begin formulation of principles associated with resilience in PJM's transmission planning studies.

14. Transmission Expansion Advisory Committee (TEAC) and Sub-regional RTEP (SRRTEP)

Meeting Information

Mr. Aaron Berner, PJM, discussed information relating to TEAC and Sub-regional RTEP Committee meetings and the presentations of materials. PJM and stakeholders engaged in lengthy discussions on the information presented.

16. Revised Supplemental Planning Process

Mr. Chip Richardson, PPL, discussed revisions to the Supplemental Planning Process. Stakeholders engaged in lengthy discussions on the details of the information presented.

17. FERC Order 845 Update

Ms. Pauline Foley, PJM, provided an update on FERC Order 845.

18. Removal of Carolina 54 Remedial Action Scheme

Mr. Ronnie Bailey, Dominion Energy, presented information related to the removal of the Carolina 54 Remedial Action Scheme.

19. Reliability Compliance Update

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

Informational Recorded Updates

20. Model Build Activity Update

Link to recording:

https://videos.pjm.com/media/2018+July+System+Planning+Update/0_93eecoh3/57735481

Mr. Jonathan Thompson, PJM, provides an update regarding current model build activities, including the 2018 series MMWG/MOD-032 cases.

Future Meeting Dates

August 9, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
September 13, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
October 11, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
November 8, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
December 13, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx

Attendance List

Ken Seiler (Chair)	PJM Interconnection, LLC	Not Applicable
Anisha Fernandes (Secretary)	PJM Interconnection, LLC	Not Applicable
Prakash Shrestha	AEP Energy Partners, Inc.	Other Supplier
Robert Cundiff	AEP Energy Partners, Inc.	Other Supplier
Nicolas Koehler	AEP Indiana-Michigan Transmission Company, Inc.	Transmission Owner
Jamie Lejcar	Allegheny Electric Cooperative, Inc.	Electric Distributor
Edward Tatum	American Municipal Power	Electric Distributor
Ryan Dolan	American Municipal Power	Electric Distributor
Kristin Rothery	American Municipal Power, Inc.	Electric Distributor
Lisa McAlister	American Municipal Power, Inc.	Electric Distributor
Steven Lieberman	American Municipal Power, Inc.	Electric Distributor
Gary Fuerst	American Transmission Systems, Inc.	Transmission Owner
Brock Ondayko	Appalachian Power Company	Transmission Owner
Evan Wilcox	Appalachian Power Company	Transmission Owner
David Canter	Appalachian Power Company	Transmission Owner
Jeff Barsch	Appalachian Power Company	Transmission Owner
Takis Laios	Appalachian Power Company	Transmission Owner
Craig Lockwood	Appalachian Power Company	Transmission Owner
Will Burkett	Appalachian Power Company	Transmission Owner
Markian Melnyk	Atlantic Grid Operations A, LLC	Other Supplier
Hugh Scott	Baltimore Gas and Electric Company	Transmission Owner
Eric Yeh	Baltimore Gas and Electric Company	Transmission Owner
Gurpreet Neeraj	Boston Energy Trading & Marketing, LLC	Generation Owner
Stephen Kelly	Brookfield Energy Marketing LP	Other Supplier
Combes Kyle	Burns Law Firm	Not Applicable
David Scarpignato	Calpine Energy Services, L.P.	Generation Owner
Greg Poulos	CAPS	Not Applicable
Barry Trayers	Citigroup Energy, Inc.	Other Supplier
John Garavaglia	Commonwealth Edison Company	Transmission Owner
Kevin Chamberlain	Commonwealth Edison Company	Transmission Owner



Draft Meeting Minutes

Gabriel Hollis	NextEra Energy Transmission, LLC	Other Supplier
James Manning	North Carolina Electric Membership Corporation	Electric Distributor
Miles Taylor	Northern Indiana Public Service Company	Other Supplier
Neal Fitch	NRG Power Marketing LLC	Generation Owner
Frederick Heinle	Office of the Peoples Counsel for the District of Columbia	End User Customer
Tom Schmidt	Ohio Electric Cooperatives	Not Applicable
Mark Ringhausen	Old Dominion Electric Cooperative	Electric Distributor
William Pezalla	Old Dominion Electric Cooperative	Electric Distributor
Jenjira Knernschield	Old Dominion Electric Cooperative	Electric Distributor
Gregory Carmean	OPSI	Not Applicable
Douglas Dale	PECO Energy Company	Transmission Owner
J Earl Coffman	PECO Energy Company	Transmission Owner
Mike Donnelly	PECO Energy Company	Transmission Owner
Pulin Shah	PECO Energy Company	Transmission Owner
Aaron Berner	PJM Interconnection, LLC	Not Applicable
Alex Worcester	PJM Interconnection, LLC	Not Applicable
Andrew Gledhill	PJM Interconnection, LLC	Not Applicable
Art Wolfe	PJM Interconnection, LLC	Not Applicable
Brian Chmielewski	PJM Interconnection, LLC	Not Applicable
David Egan	PJM Interconnection, LLC	Not Applicable
Emma Nix	PJM Interconnection, LLC	Not Applicable
Erich Mauroschadt	PJM Interconnection, LLC	Not Applicable
Fran Barrett	PJM Interconnection, LLC	Not Applicable
Henry (Jack) Thomas	PJM Interconnection, LLC	Not Applicable
Janell Fabiano	PJM Interconnection, LLC	Not Applicable
Jason Connell	PJM Interconnection, LLC	Not Applicable
Jason Quevada	PJM Interconnection, LLC	Not Applicable
Jason Shoemaker	PJM Interconnection, LLC	Not Applicable
Jeffery Goldberg	PJM Interconnection, LLC	Not Applicable
Jim Glennon	PJM Interconnection, LLC	Not Applicable
Jonathan Kern	PJM Interconnection, LLC	Not Applicable
Lagy Mathew	PJM Interconnection, LLC	Not Applicable
Larry Farmer	PJM Interconnection, LLC	Not Applicable
Laura Walter	PJM Interconnection, LLC	Not Applicable
Lisa Krizenoskas	PJM Interconnection, LLC	Not Applicable
Mark Sims	PJM Interconnection, LLC	Not Applicable
Matthew LaRocque	PJM Interconnection, LLC	Not Applicable
Michael Herman	PJM Interconnection, LLC	Not Applicable
Michele Greening	PJM Interconnection, LLC	Not Applicable
Michelle Harhai	PJM Interconnection, LLC	Not Applicable
Mykhaylo Pantyukhin	PJM Interconnection, LLC	Not Applicable
Nam Ngo	PJM Interconnection, LLC	Not Applicable
Nicolae Dumitriu	PJM Interconnection, LLC	Not Applicable
Niloufar Mirhosseini	PJM Interconnection, LLC	Not Applicable
Patricio Rocha-Garrido	PJM Interconnection, LLC	Not Applicable
Paul McGlynn	PJM Interconnection, LLC	Not Applicable
Pauline Foley	PJM Interconnection, LLC	Not Applicable
Phil Yum	PJM Interconnection, LLC	Not Applicable
Preston Walker	PJM Interconnection, LLC	Not Applicable
Rebecca Carroll	PJM Interconnection, LLC	Not Applicable
Shane Fairchild	PJM Interconnection, LLC	Not Applicable
Stan Sliwa	PJM Interconnection, LLC	Not Applicable
Steve Herling	PJM Interconnection, LLC	Not Applicable
Susan McGill	PJM Interconnection, LLC	Not Applicable
Suzanne Glatz	PJM Interconnection, LLC	Not Applicable
Tim Burdis	PJM Interconnection, LLC	Not Applicable
Tom Falin	PJM Interconnection, LLC	Not Applicable
Xu Xu	PJM Interconnection, LLC	Not Applicable
Zelalem Tekle	PowerGEM	Not Applicable
Chip Richardson	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Cleveland Richards	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Phil Penny	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Shadab Ali	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Steven Nadel	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
John Feller	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Ramesh Hariharan	PSC	Not Applicable
Kriti Dawadi	PSEG Energy Resources and Trade LLC	Transmission Owner



Draft Meeting Minutes

William Lavista
Alexander Stern
Daniel Hutt
Esam Khadr
John Nagurney
Josh Rawley
Leonid Lyakhovich
Mariam Chatha
MD Sakib
Qamar Arsalan
Rich Marinelli
Debbie Gebolys
Raj Pudhota
Ray Mason
Tom Hoatson
Roletto Mangonon
Rory Sweeney
Suzanne Herel
Stephanie Tsao
Andy Peebles
Gerry Binder
Nikhil Kumar
Kenneth Foadare
Weili Yi
John Sillin
Syed Ahmad
Edrissa Cham
Eric Sorber
Adam Weber
Neil Joshipura
Ronnie Bailey

PSEG Energy Resources and Trade LLC
Public Service Electric & Gas Company
Public Service Electric & Gas Company
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Public Service Electric & Gas Company
Public Service Electric & Gas Company
Public Utilities Commission of Ohio (The)
Quanta Technology
ReliabilityFirst Corporation
Riverside Generating, LLC
Rockland Electric Company
RTO Insider
RTO Insider
S&P Global Market Intelligence
Saracen Energy East LP
SESCO Enterprises LLC
SIG Energy, LLLP
Tangibl
The Energy Authority, Inc
The Federal Energy Regulatory Commission
The Federal Energy Regulatory Commission
Tradewind Energy, Inc.
UGI Utilities, Inc.
Union Electric Company d/b/a Ameren Missouri
Virginia State Corporation Commission
Virginia Electric & Power Company

Transmission Owner
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Not Applicable
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Transmission Owner
Other Supplier
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Transmission Owner

Author: Anisha Fernandes