

Planning Committee
PJM Conference and Training Center
October 11, 2018
9:00 a.m. – 11:00 a.m.

Administration (9:00-9:20)

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 October 11, 2018 Planning Committee meeting. The Planning Committee approved the Agenda.
3. Ms. Anisha Fernandes reviewed the draft minutes posted for the September 13, 2018 meeting and the Planning Committee approved the minutes.
4. Mr. Ken Seiler reviewed the PC Work Plan.
5. Mr. Ken Seiler provided an update on the Manual 21 Proposed changes.

Ms. Rebecca Stadelmeyer, PJM, made an announcement about the recently rolled out enhanced security Two-Step Verification process, and responded to related questions.

Endorsements (9:20-9:30)

6. **2018 Installed Reserve Margin Study Results**
Mr. Andrew Gledhill, PJM, reviewed the 2018 Reserve Requirement Study results (IRM, FPR). **By vote of acclamation the Planning Committee endorsed the study results with 0 objections and 0 abstentions.**

First Reads

No First Reads this month

Informational Updates (9:30-11:00)

7. **DER Ride Through Problem Statement & Issue Charge**
Dr. Emanuel Bernabeu, PJM, presented updates and comments received on the inverter-based DER Ride Through Problem Statement and Issue Charge, and the revised IEEE 1547-2018 standard. Endorsement of the Problem Statement and Issue Charge will be requested at the next Planning Committee meeting.
8. **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.
9. **Electric Storage Participation: FERC Order 841**
Ms. Laura Walter, PJM, presented the PJM straw proposal for compliance with FERC Order 841

Electric Storage Resource Participation Model. PJM must submit a compliance filing by December 3, 2018.

10. Bright Ideas

Ms. Rebecca Stadelmeyer, PJM, reviewed the Bright Ideas initiative, going over the recommendations that have been implemented to date and the recommendations that are scheduled for future releases.

11. Axway Upgrade Project – Status Update

Ms. Bhavana Gagrani, PJM, provided an update on changes to the secure transport tool (Axway).

12. PJM.com Update

Mr. Martelle Pitts, PJM, reviewed metrics that are planned for the Planning page on PJM.com. Mr. Jon Ruffin and Ms. Tawnya Luna, PJM, reviewed the new web-based agreements that have been added to PJM.com.

13. Model Build Activity Update

Mr. Kyle Clifford, PJM, provided an update regarding current model build activities, including the 2018 series MMWG/MOD-032 cases.

14. Reliability Compliance Update

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

15. PC Special Session: Order 845 Compliance Requirements

Ms. Susan McGill, PJM, provided an update on the activities of the PC Special Session.

16. BGE RAS Retirement

Mr. Caleb Kim, BGE, provided a presentation on the retirement of the Mount Washington Remedial Action Scheme (RAS).

17. Transmission Interconnection Requests

Ms. Susan McGill, PJM, presented potential changes for Transmission Interconnection Requests.

18. Flint Run and Spotsylvania EC 500 kV line designations

Mr. Yuri Smolanitsky, PJM, presented updates to two 500 kV line designations.

Information Only

PJM Manual 03

Mr. Yuri Smolanitsky, PJM, will be available to answer questions on updates to Manual 3 – Transmission Operations. Materials are posted as Informational Only.

Future Meeting Dates

October 16, 2018	9:00 a.m.	Special PC: Order 845 Compliance Requirements	Teleconference / WebEx
November 8, 2018	9:00 a.m.	Planning Committee	PJM Conference & Training Center/ WebEx
December 13, 2018	9:00 a.m.	Planning Committee	PJM Conference & Training Center/ WebEx

Attendance List

Ken Seiler (Chair)	PJM Interconnection, LLC	Not Applicable
Anisha Fernandes (Secretary)	PJM Interconnection, LLC	Not Applicable
Robert Cundiff	AEP Energy Partners, Inc.	Other Supplier
Jamie Lejcar	Allegheny Electric Cooperative, Inc.	Electric Distributor
Daniel Vargo	Allegheny Electric Cooperative, Inc.	Electric Distributor
Ryan Dolan	American Municipal Power	Electric Distributor
Brandon McFann	American Municipal Power	Electric Distributor
Steven Lieberman	American Municipal Power, Inc.	Electric Distributor
Brock Ondayko	Appalachain Power Company	Transmission Owner
Evan Wilcox	Appalachain Power Company	Transmission Owner
David Canter	Appalachian Power Company	Transmission Owner
Takis Laios	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
Caleb Kim	Baltimore Gas and Electric Company	Transmission Owner
Alice Wolfe	Blue Ridge Power Agency	Electric Distributor
Ron Pezon	Borough of Chambersburg	Electric Distributor
Stephen Kelly	Brookfield Energy Marketing LP	Other Supplier
Paul Steckley	Brookfield Energy Marketing, LP	Other Supplier
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
Ronald Regner	Commonwealth Edison Company	Transmission Owner
Bill Allen	Commonwealth Edison Company	Transmission Owner
Rehan Gilani	ConEdison Energy, Inc.	Other Supplier
Carl Johnson	Customized Energy Solutions, Ltd.	Not Applicable
Guy Filomena	Customized Energy Solutions, Ltd.	Not Applicable
Mike Berlinski	Customized Energy Solutions, Ltd.*	Not Applicable
John Horstmann	Dayton Power & Light Company (The)	Transmission Owner
Michael Russ	Dayton Power & Light Company (The)	Transmission Owner
Mark Price	DC Energy Mid-Atlantic, LLC	Other Supplier
Dave Kuo	DC Energy Mid-Atlantic, LLC	Other Supplier
Joseph DeLosa	DE Public Service Commission	Not Applicable
David Hastings	Dhast Co	Not Applicable
Marji Philips	Direct Energy Business, LLC	Other Supplier
Connie Lowe	Dominion Virginia Power	Not Applicable
Kyle Hannah	Dominion Virginia Power	Transmission Owner
George Owens	Downes Associates, Inc.	Other Supplier
Gregory Pakela	DTE Energy Trading, Inc.	Other Supplier
Steve Steinkuhl	Duke Energy Business Services LLC	Transmission Owner
Julie Mason	Duke Energy Ohio, Inc.	Transmission Owner
Breanne Melius	Duquesne Light Company	Transmission Owner
Tonja Wicks	Duquesne Light Company	Transmission Owner
Iker Chocarro Aguirrebengoa	E.ON Climate & Renewables North America, Inc.	Generation Owner
Amanda Stacy	East Kentucky Power Cooperative, Inc.	Transmission Owner
Darrin Adams	East Kentucky Power Cooperative, Inc.	Transmission Owner
Nathan Bradley	East Kentucky Power Cooperative, Inc.	Transmission Owner
Malcolm Ainspan	Energy Curtailment Specialists, Inc.	Not Applicable
Melanie Sanders	Exelon Business Services Company, LLC	Transmission Owner
Pablo Ovando	Exelon Business Services Company, LLC	Transmission Owner
Robert Taylor	Exelon Business Services Company, LLC	Transmission Owner
Sharon Midgley	Exelon Business Services Company, LLC	Transmission Owner
Christopher Nokolny	Exelon Generation Co., LLC	Generation Owner
Aasawari Pawar	First Solar	Not Applicable
Sally Thomas	FirstEnergy Corp.	Transmission Owner
Jeff Stuchell	FirstEnergy Solutions Corp.	Transmission Owner
Jim Benchek	FirstEnergy Solutions Corp.	Transmission Owner
Juan Bueno	FirstEnergy Solutions Corp.	Transmission Owner
Lawrence Hozempa	FirstEnergy Solutions Corp.	Transmission Owner
Lou D'Alessandris	FirstEnergy Solutions Corp.	Transmission Owner



Draft Meeting Minutes

Thomas Bainbridge	FirstEnergy Solutions Corp.	Transmission Owner
Travis Stewart	Gabel and Associates	Not Applicable
David Pratzon	GT Power Group	Not Applicable
Tom Hyzinski	GT Power Group	Not Applicable
John Kopinski	ITC Mid-Atlantic Development LLC	Other Supplier
Sharon Segner	LS Power Transmission, LLC	Transmission Owner
Craig Taborsky	Maryland Public Service Commission	Not Applicable
David Mabry	McNees Wallace & Nurick LLC	Not Applicable
Erik Hanser	Michigan Public Service Commission	Not Applicable
Christin Domian	Mitsubishi Electric Power Products Inc.	Not Applicable
Alexandra Salaneck	Monitoring Analytics	Not Applicable
John Dadourian	Monitoring Analytics, LLC	Not Applicable
David Brown	New Jersey Board of Public Utilities	Not Applicable
Zainab Nawaz	New Jersey Board of Public Utilities	Not Applicable
George Kogut	New York Power Authority	Other Supplier
Gabriel Hollis	NextEra Energy Transmission, LLC	Other Supplier
Erik Heinle	Office of the Peoples Counsel for the District of Columbia	End User Customer
Yohannes Mariam	Office of the Peoples Counsel for the District of Columbia	End User Customer
Tom Schmidt	Ohio Electric Cooperatives	Not Applicable
Adrien Ford	Old Dominion Electric Cooperative	Electric Distributor
Mark Ringhausen	Old Dominion Electric Cooperative	Electric Distributor
Bill Pezalla	Old Dominion Electric Cooperative	Electric Distributor
Gregory Carnean	OPSI	Not Applicable
Camilo Ordonez	Other	Not Applicable
Pulin Shah	PECO Energy Company	Transmission Owner
Aaron Berner	PJM Interconnection, LLC	Not Applicable
Amanda Egan	PJM Interconnection, LLC	Not Applicable
Andrew Gledhill	PJM Interconnection, LLC	Not Applicable
Bill Khashfe	PJM Interconnection, LLC	Not Applicable
Brian Chmielewski	PJM Interconnection, LLC	Not Applicable
Brindavani Malladi	PJM Interconnection, LLC	Not Applicable
Chantal Hendrzak	PJM Interconnection, LLC	Not Applicable
Chuck Liebold	PJM Interconnection, LLC	Not Applicable
Danielle Croop	PJM Interconnection, LLC	Not Applicable
David Anders	PJM Interconnection, LLC	Not Applicable
Emma Nix	PJM Interconnection, LLC	Not Applicable
Henry (Jack) Thomas	PJM Interconnection, LLC	Not Applicable
Jack O'Neill	PJM Interconnection, LLC	Not Applicable
Jason Connell	PJM Interconnection, LLC	Not Applicable
Jason Shoemaker	PJM Interconnection, LLC	Not Applicable
Jeffrey Goldberg	PJM Interconnection, LLC	Not Applicable
Jim Glennon	PJM Interconnection, LLC	Not Applicable
Jonathan Ruffin	PJM Interconnection, LLC	Not Applicable
Ken Schuyler	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
Madalyn Beban	PJM Interconnection, LLC	Not Applicable
Mark Sims	PJM Interconnection, LLC	Not Applicable
Mary Ellen Driscoll	PJM Interconnection, LLC	Not Applicable
Matthew LaRocque	PJM Interconnection, LLC	Not Applicable
Megan McLaverty	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
Molly Mooney	PJM Interconnection, LLC	Not Applicable
Nancy Muhl	PJM Interconnection, LLC	Not Applicable
Nicolae Dumitriu	PJM Interconnection, LLC	Not Applicable
Paul McGlynn	PJM Interconnection, LLC	Not Applicable
Preston Walker	PJM Interconnection, LLC	Not Applicable
Stanley Williams	PJM Interconnection, LLC	Not Applicable
Stephen Berger	PJM Interconnection, LLC	Not Applicable
Susan McGill	PJM Interconnection, LLC	Not Applicable
Tawnya Luna	PJM Interconnection, LLC	Not Applicable
Wenzheng Qiu	PJM Interconnection, LLC	Not Applicable
Emanuel Bernabeu	PJM Interconnection, LLC	Not Applicable
Joseph Tutino	PJM Interconnection, LLC	Not Applicable

Rebecca Stadelmeyer	PJM Interconnection, LLC	Not Applicable
Scott Gass	PowerGEM	Not Applicable
Zelalem Tekle	PowerGEM	Not Applicable
Cleveland Richards	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
John Feller	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Phil Penny	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Steven Nadel	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Gary Greiner	PSEG Energy Resources and Trade LLC	Transmission Owner
Bill Lavista	PSEG Energy Resources and Trade LLC	Transmission Owner
Alexander Stern	Public Service Electric & Gas Company	Transmission Owner
Esam Khadr	Public Service Electric & Gas Company	Transmission Owner
Josh Rawley	Public Service Electric & Gas Company	Not Applicable
Leonid Lyakhovich	Public Service Electric & Gas Company	Transmission Owner
Qamar Arsalan	Public Service Electric & Gas Company	Transmission Owner
Cameron DeAngelis	Public Service Electric & Gas Company	Transmission Owner
Tom Hoatson	Riverside Generating, LLC	Other Supplier
Brian O'Boyle	Rockland Electric Company	Transmission Owner
Roletto Mangonon	Rockland Electric Company	Transmission Owner
Rory Sweeney	RTO Insider	Not Applicable
Kenneth Foladare	Tangibl	Not Applicable
Weili Yi	The Energy Authority, Inc	Not Applicable
John Sillin	The Federal Energy Regulatory Commission	Not Applicable
Syed Ahmad	The Federal Energy Regulatory Commission	Not Applicable
Derek Sunderman	Tradewind Energy	Not Applicable
Edrissa Cham	Tradewind Energy, Inc.	Not Applicable
Chandana Bommareddy	TRC Solutions	Not Applicable
Adam Weber	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Chris Mertz	Virginia Electric & Power Company	Transmission Owner
Craig Crider	Virginia Electric & Power Company	Transmission Owner
Ronnie Bailey	Virginia Electric & Power Company	Transmission Owner
Lindsey Pryor	Virginia Electric & Power Company	Transmission Owner
James Wilson	Wilson Energy Economics	Not Applicable

Author: Anisha Fernandes