

Planning Committee
PJM Conference and Training Center
June 7, 2018
9:00 a.m. – 1:15 p.m. EPT

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.
Mr. Tom Falin, PJM, provided a brief announcement of an upcoming PC Special session for discussion of proposed Manual 21 changes.
2. Ms. Anisha Fernandes reviewed the Agenda for the June 7, 2018 Planning Committee meeting and the Planning Committee approved the Agenda.
3. Ms. Anisha Fernandes reviewed the draft minutes posted for the May 3, 2018 meeting along with a requested change to the last sentence in Item 10, and the Planning Committee approved the minutes.

Endorsements (9:15-9:45)

4. **Manual 20 Revisions**
Mr. Patricio Rocha-Garrido, PJM, presented revisions to Manual 20 PJM Resource Adequacy Analysis. **By vote of acclamation the Planning Committee endorsed the revisions with 1 objection and 0 abstentions.**
5. **2018 IRM Study Assumptions**
Mr. Jason Quevada, PJM, presented the 2018 IRM study assumptions as developed in the Resource Adequacy Analysis Subcommittee. **By vote of acclamation the Planning Committee endorsed the assumptions with 0 objections and 0 abstentions.**

First Reads (9:45-10:15)

6. **Manual 14A-14G Split**
Ms. Lisa Krizenoskas, PJM, presented the split of Manual 14A into revised Manual 14A New Services Requests Study Process and new Manual 14G Generation Interconnection Requests. The committee will be requested to endorse these revisions at the next meeting.
7. **Load Model Selection**
Mr. Patricio Rocha-Garrido presented the results of the Load Model selection process for the 2018 Reserve Requirement Study. The committee will be requested to endorse this Load Model selection at the next meeting.

Informational Updates (10:15-1:15)

8. **Transmission Owner Ratings Development and Reporting in PJM**
Mr. Mark Kuras, PJM, discussed ratings development as well as requirements under NERC FAC-008.

9. Transmission Replacement Processes Senior Task Force Update

Mr. Fran Barrett, PJM, provided a brief update on the Transmission Replacement Processes Senior Task Force activities.

10. Cost Containment Status Update

Ms. Sue Glatz, PJM, provided a status update on Cost Containment from the May 24th MRC meeting and the next steps of the process.

11. Competitive Transmission Process

Mr. Jason Shoemaker, PJM, presented revised project proposal templates that will be used in the upcoming proposal window and will be posted. In the discussion that followed, it was confirmed that the use of the proposal templates was included in the Alternate LS Power motion that was voted on and passed at the May 24th MRC meeting. Administrative changes were made since the initial presentation of the PJM templates, as covered in the presentation today.

12. Manual 14B Updates

Mr. Jonathan Kern, PJM, presented updates to Manual 14B Regional Transmission Planning Process. A request was made to have a PC Special session to review these updates before the first read at next month's PC meeting.

13. Transmission Expansion Advisory Committee (TEAC) and Sub-regional RTEP (SR RTEP) Meeting Information

Mr. Aaron Berner, PJM, discussed stakeholder feedback to the review process of the Regional and Local Plans, including those conducted at the TEAC and Sub-regional RTEP Committees.

14. Market Efficiency Process Enhancement Task Force Update

Mr. Brian Chmielewski, PJM, provided an update on the Market Efficiency Process Enhancement Task Force activities and next steps.

15. PSEG Planning Criteria Updates

Mr. Glenn Catenacci, PSEG, presented updates to their planning criteria.

16. AEP Planning Criteria Updates

Mr. Nicholas Koehler, AEP, presented updates to their planning criteria.

17. FERC Order 845 Update

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

18. Model Build Activity Update

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

19. MOD-026 and MOD-027 Compliance Process Demo

Mr. Kyle Clifford, PJM, gave a demonstration of the MOD-026 and MOD-027 compliance process in the Planning Community.

Informational Recorded Updates

20. Reliability Compliance Update

Link to recording:

https://videos.pjm.com/media/June+2018++Reliability+Compliance+Update/1_iajhb87o/57735481

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

Future Meeting Dates

July 12, 2018	9:00 a.m.	PJM Conference & Training Center/ WebEx
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
Robert Cundiff	AEP Energy Partners, Inc.	Other Supplier
Edward Achaab	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
Steven Lieberman	American Municipal Power, Inc.	Electric Distributor
James Zweig	American Transmission Company, LLC	Transmission Owner
Evan Wilcox	Appalachian Power Company	Transmission Owner
Brock Ondayko	Appalachian Power Company	Transmission Owner
Takis Laios	Appalachian Power Company	Transmission Owner
Dana Horton	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
Kevin Kilgallen	Avangrid Renewables LLC	Generation Owner
Hugh Scott	Baltimore Gas and Electric Company	Transmission Owner
Eric Yeh	Baltimore Gas and Electric Company	Transmission Owner
Alice Wolfe	Blue Ridge Power Agency	Electric Distributor
Ron Pezon	Borough of Chambersburg	Electric Distributor
Brian Vayda	Borough of Park Ridge	Electric Distributor
Gurpreet Neeraj	Boston Energy Trading & Marketing, LLC	Generation Owner
Diane Janicki	Boston Energy Trading and Marketing LLC	Generation Owner
Greg Poulos	CAPS	Not Applicable
Barry Trayers	Citigroup Energy, Inc.	Other Supplier
Ronald Regner	Commonwealth Edison Company	Transmission Owner
Paul Mills	Commonwealth Edison Company	Transmission Owner
Thomas Leeming	Commonwealth Edison Company	Transmission Owner
John Garavaglia	Commonwealth Edison Company	Transmission Owner
Kevin Chamberlain	Commonwealth Edison Company	Transmission Owner
William Allen	Commonwealth Edison Company	Transmission Owner
Jonathan Sasser	Customized Energy Solutions, Ltd.	Not Applicable
Carl Johnson	Customized Energy Solutions, Ltd.	Not Applicable
Guy Filomena	Customized Energy Solutions, Ltd.	Not Applicable
Michael Russ	Dayton Power & Light Company (The)	Transmission Owner
John Horstmann	Dayton Power & Light Company (The)	Transmission Owner
Kerry Neubrander	DC Energy, LLC	Other Supplier
Marji Philips	Direct Energy Business, LLC	Other Supplier

Ryen Lawson	Dominion Virginia Power	Not Applicable
James Davis	Dominion Energy Marketing, Inc.	Generation Owner
Kyle Hannah	Dominion Virginia Power	Transmission Owner
Steve Steinkuhl	Duke Energy Business Services LLC	Transmission Owner
julie mason	Duke Energy Ohio, Inc.	Transmission Owner
Tonja Wicks	Duquesne Light Company	Transmission Owner
Joe Pilch	Duquesne Light Company	Transmission Owner
Patrick Grau	Dynegy Marketing and Trade, LLC	Generation Owner
Iker Chocarro Aguirrebengoa	E.ON Climate & Renewables North America, Inc.	Generation Owner
Nathan Bradley	East Kentucky Power Cooperative, Inc.	Transmission Owner
John Brodbeck	EDP Renewables North America, LLC	Other Supplier
Malcolm Ainspan	Energy Curtailment Specialists, Inc.	Not Applicable
Bruce Campbell	EnergyConnect, Inc.	Other Supplier
Nick Gangi	Eversource Energy	Not Applicable
Tony Tong	Exelon Business Services Company, LLC	Transmission Owner
Kevin Thundiyil	Exelon Business Services Company, LLC	Transmission Owner
Robert Taylor	Exelon Business Services Company, LLC	Transmission Owner
Pablo Ovando	Exelon Business Services Company, LLC	Transmission Owner
Sharon Midgley	Exelon Business Services Company, LLC	Transmission Owner
Roozbeh Shegarfi	Exelon Generation Co., LLC	Generation Owner
Christopher Nokolny	Exelon Generation Co., LLC	Generation Owner
Aasawari Pawar	First Solar	Not Applicable
John Syner	FirstEnergy Solutions Corp.	Transmission Owner
Jeff Stuchell	FirstEnergy Solutions Corp.	Transmission Owner
David Marton	FirstEnergy Solutions Corp.	Transmission Owner
Grant Marchewka	FirstEnergy Solutions Corp.	Transmission Owner
Andrew Klass	FirstEnergy Solutions Corp.	Transmission Owner
Craig Fraley	FirstEnergy Solutions Corp.	Transmission Owner
Lou D'Alessandris	FirstEnergy Solutions Corp.	Transmission Owner
Thomas Bainbridge	FirstEnergy Solutions Corp.	Transmission Owner
Jeffrey Mackauer	FirstEnergy Solutions Corp.	Transmission Owner
Cody Currence	FirstEnergy Solutions Corp.	Transmission Owner
Ron Ferre	FirstEnergy Solutions Corp.	Transmission Owner
Jacquelyn Lojek	FirstEnergy Solutions Corp.	Transmission Owner
Cody Adanitsch	FirstEnergy Solutions Corp.	Transmission Owner
Bryan Seyfert	FirstEnergy Solutions Corp.	Transmission Owner
Chibueze Okwudiri	FirstEnergy Solutions Corp.	Transmission Owner
Michael Borgatti	Gabel and Associates	Not Applicable
Donna Robichaud	Genex	Not Applicable
Sean Baur	GlidePath Development LLC	Not Applicable
Rachel Hulett	Gridliance, GP, LLC	Not Applicable
David Pratzon	GT Power Group	Not Applicable
Tom Hyzinski	GT Power Group	Not Applicable
Lee Chen	Hill Energy Resource & Services LLC	Not Applicable
Aatif Musani	ITC Interconnection, LLC	Transmission Owner
John Kopinski	ITC Mid-Atlantic Development LLC	Other Supplier
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
John Dadourian	Monitoring Analytics, LLC	Not Applicable
Zainab Nawaz	New Jersey Board of Public Utilities	Not Applicable
David Brown	New Jersey Board of Public Utilities	Not Applicable
George Kogut	New York Power Authority	Other Supplier
Frederico Von Pinho	NextEra Energy Transmission, LLC	Other Supplier
Amanda Mack	NextEra Energy Transmission, LLC	Other Supplier
Gabriel Hollis	NextEra Energy Transmission, LLC	Other Supplier
James Manning	North Carolina Electric Membership Corporation	Electric Distributor
Yohannes Mariam	Office of the Peoples Counsel for the District of Columbia	End User Customer
Frederick Heinle	Office of the Peoples Counsel for the District of Columbia	End User Customer
James Wright	Old Dominion Electric Cooperative	Electric Distributor
Gregory Carmean	OPSI	Not Applicable
Ron Slagel	Other	Not Applicable
Mike Donnelly	PECO Energy Company	Transmission Owner
J Earl Coffman	PECO Energy Company	Transmission Owner
Amber Young	PEPCO Holdings, Inc.	Not Applicable
Patricia Kurowski	PEPCO Holdings, Inc.	Transmission Owner
Art Wolfe	PJM Interconnection, LLC	Not Applicable



Draft Meeting Minutes

Stanley Williams	PJM Interconnection, LLC	Not Applicable
Preston Walker	PJM Interconnection, LLC	Not Applicable
Michelle Souder	PJM Interconnection, LLC	Not Applicable
Mark Sims	PJM Interconnection, LLC	Not Applicable
Jason Shoemaker	PJM Interconnection, LLC	Not Applicable
Patricio Rocha-Garrido	PJM Interconnection, LLC	Not Applicable
John Reynolds	PJM Interconnection, LLC	Not Applicable
Jason Quevada	PJM Interconnection, LLC	Not Applicable
Molly Mooney	PJM Interconnection, LLC	Not Applicable
Niloufar Mirhosseini	PJM Interconnection, LLC	Not Applicable
Susan McGill	PJM Interconnection, LLC	Not Applicable
Erich Mauroschadt	PJM Interconnection, LLC	Not Applicable
Lagy Mathew	PJM Interconnection, LLC	Not Applicable
Brindavani Malladi	PJM Interconnection, LLC	Not Applicable
Chuck Liebold	PJM Interconnection, LLC	Not Applicable
Matthew LaRocque	PJM Interconnection, LLC	Not Applicable
Lisa Krizenoskas	PJM Interconnection, LLC	Not Applicable
Bill Khashfe	PJM Interconnection, LLC	Not Applicable
Michael Herman	PJM Interconnection, LLC	Not Applicable
Steve Herling	PJM Interconnection, LLC	Not Applicable
Michelle Harhai	PJM Interconnection, LLC	Not Applicable
Suzanne Glatz	PJM Interconnection, LLC	Not Applicable
Pauline Foley	PJM Interconnection, LLC	Not Applicable
Larry Farmer	PJM Interconnection, LLC	Not Applicable
Janell Fabiano	PJM Interconnection, LLC	Not Applicable
David Egan	PJM Interconnection, LLC	Not Applicable
Nicolae Dumitriu	PJM Interconnection, LLC	Not Applicable
Jason Connell	PJM Interconnection, LLC	Not Applicable
Kyle Clifford	PJM Interconnection, LLC	Not Applicable
Brian Chmielewski	PJM Interconnection, LLC	Not Applicable
Aaron Berner	PJM Interconnection, LLC	Not Applicable
Jerry Bell	PJM Interconnection, LLC	Not Applicable
David Anders	PJM Interconnection, LLC	Not Applicable
Mark Kuras	PJM Interconnection, LLC	Not Applicable
Jonathan Thompson	PJM Interconnection, LLC	Not Applicable
Jonathan Kern	PJM Interconnection, LLC	Not Applicable
Fran Barrett	PJM Interconnection, LLC	Not Applicable
Cleveland Richards	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Steven Nadel	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Shadab Ali	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Ramesh Hariharan	PSC	Not Applicable
Mohamed Zahidi	PSEG Energy Resources and Trade LLC	Transmission Owner
William Lavista	PSEG Energy Resources and Trade LLC	Transmission Owner
Gary Greiner	PSEG Energy Resources and Trade LLC	Transmission Owner
Sam Giordano	PSEG Energy Resources and Trade LLC	Transmission Owner
Alexander Stern	Public Service Electric & Gas Company	Transmission Owner
Mariam Chatha	Public Service Electric & Gas Company	Transmission Owner
Glenn Catenacci	Public Service Electric & Gas Company	Transmission Owner
Josh Rawley	Public Service Electric & Gas Company	Not Applicable
John Nagurney	Public Service Electric & Gas Company	Transmission Owner
Ahmed Mousa	Public Service Electric & Gas Company	Transmission Owner
Leonid Lyakhovich	Public Service Electric & Gas Company	Transmission Owner
Esam Khadr	Public Service Electric & Gas Company	Transmission Owner
Qamar Arsalan	Public Service Electric & Gas Company	Transmission Owner
Debbie Gebolys	Public Utilities Commission of Ohio (The)	Not Applicable
Raj Pudhota	Quanta Technology	Not Applicable
Tom Hoatson	Riverside Generating, LLC	Other Supplier
Brian O'Boyle	Rockland Electric Company	Transmission Owner
Srinivas Jampani	Roscommon Analytics	Not Applicable
Rory Sweeney	RTO Insider	Not Applicable
Suzanne Herel	RTO Insider	Not Applicable
Stephanie Tsao	S&P Global Market Intelligence	Not Applicable
Andy Peebles	Saracen Energy East LP	Other Supplier
Gerry Binder	SESCO Enterprises LLC	Other Supplier
Kenneth Foladare	Tangibl	Not Applicable
Weili Yi	The Energy Authority, Inc	Not Applicable
John Sillin	The Federal Energy Regulatory Commission	Not Applicable



Draft Meeting Minutes

Valerie Martin
Edrissa Cham
Adam Weber
Neil Joshipura
David Essah
Craig Crider
Joe Dietrich
James Wilson

The Federal Energy Regulatory Commission
Tradewind Energy, Inc.
Union Electric Company d/b/a Ameren Missouri
Virginia State Corporation Commission
Virginia State Corporation Commission
Virginia Electric & Power Company
Weston Solutions
Wilson Energy Economics

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

Author: Anisha Fernandes