

Planning Committee
PJM Conference and Training Center
March 07, 2019
9:00 a.m. – 12:00 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 March 07, 2019 Planning Committee meeting. Based on a request received, Item 12 was moved ahead of Item 7 on the Agenda. An announcement was made to notify stakeholders of a scheduled Special PC session on FERC Order No. 845 on April 02, 2019 from 1pm – 4pm EST. The Planning Committee approved the Agenda.
3. Ms. Anisha Fernandes reviewed the draft minutes posted for the February 07, 2019 meeting and the Planning Committee approved the minutes.

Endorsements (9:15-9:20)

4. **Manual 20 Updates**
Mr. Jason Quevada, PJM, presented updates to Manual 20 Resource Adequacy Analysis. **By vote of acclamation the Planning Committee endorsed the updates with 0 objections and 0 abstentions.**

First Reads (9:20-10:30)

5. **Market Efficiency Process Enhancement Task Force**
Mr. Brian Chmielewski, PJM, presented the Market Efficiency phase 2 proposal developed at the Market Efficiency Process Enhancement Task Force (MEPETF), and the associated OATT revisions. The Committee will be requested to endorse the proposal and Tariff revisions at the next meeting.
[Issue Tracking: RTEP Market Efficiency Analysis](#)
6. **Manual 21 Proposed Revisions**
Mr. Jerry Bell and Patricio Rocha-Garrido, PJM, presented proposed revisions to PJM Manual 21 Rules & Procedures for Determination of Generating Capability, including the revisions from the recent ELCC Analysis discussions. The committee will be requested to endorse these revisions at the next meeting. Mr. Travis Stewart, on behalf of AWEA, reviewed an ELCC Memo regarding Modern Wind and Solar that was addressed to PJM staff and stakeholders, around the proposed ELCC methodology. The materials reviewed have been posted to the March 07, 2019 PC materials.

Informational Updates (10:30-12:00)

12. **RTEP Process Enhancements – Upgrade Modeling**
Mr. Aaron Berner, PJM, presented a problem statement related to the process for removal of a network upgrade, baseline or Supplemental Project from the RTEPP, to be worked on at the March 22, 2019 PC Special Session - RTEP Process Enhancements – Upgrade Modeling.

7. Cost Commitment Status and Next Steps

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

[Issue Tracking: Cost Containment](#)

8. FERC Order No. 845 Update

Ms. Susan McGill, PJM, provided an update on FERC Order No. 845. A Special PC session has been scheduled on April 02, 2019 from 1pm – 4pm EST to discuss the reforms from the rehearing prior to the compliance filing deadline of May 22, 2019.

9. AE2 Queue Update

Mr. Jason Connell, PJM, provided a reminder about the AE2 queue closing date of March 31, 2019 and that all deficiencies must be cleared by this date.

10. Planning Modeling Update and MOD-32 Update

Mr. Kyle Clifford, PJM, provided an update on the MOD-032 data requirements including revisions to the documentation available for the MOD-032 process and the 2019 schedule, along with updates on the current model build activities.

11. Merchant Transmission Interconnection Process and Off-Shore Wind

Ms. Sue Glatz, PJM, provided information on the Special PC sessions scheduled to work on the Problem Statement that was endorsed at last month's PC meeting. See Future Meeting Dates for all scheduled Special PC sessions.

[Issue Tracking: Merchant Transmission and Off-Shore Wind](#)

13. PJM.com Homepage Redesign

Mr. Chad Hutchinson, PJM, provided a live demo of the new PJM.com homepage redesign.

Information Only

2018 RTEP Report

PJM is notifying stakeholders that the 2018 RTEP Report has been published on PJM.com and can be viewed here: [2018 RTEP Report](#)

Future Meeting Dates

March 22, 2019	9:00 a.m. – 3:00 p.m.	Special PC: RTEP Process Enhancements – Upgrade Modeling	PJM Conference & Training Center/ WebEx
March 29, 2019	1:00 p.m. – 4:00 p.m.	Special PC: RTEP Process Enhancements – Upgrade Modeling	Teleconference/WebEx
April 02, 2019	1:00 p.m. – 4:00 p.m.	Special PC: FERC Order 845	PJM Conference & Training Center/ WebEx
April 11, 2019	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
April 12, 2019	1:00 p.m. – 4:00 p.m.	Special PC: M-3 Process Lessons Learned	PJM Conference & Training Center/ WebEx
April 16, 2019	1:00 p.m. – 4:00 p.m.	Special PC: Merchant Transmission and Off-Shore Wind	PJM Conference & Training Center/ WebEx
May 3, 2019	1:00 p.m. – 4:00 p.m.	Special PC: Merchant Transmission and Off-Shore Wind	PJM Conference & Training Center/ WebEx
May 16, 2019	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
May 31, 2019	1:00 p.m. – 4:00 p.m.	Special PC: Merchant Transmission and Off-Shore Wind	PJM Conference & Training Center/ WebEx
June 13, 2019	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
June 28, 2019	1:00 p.m. – 4:00 p.m.	Special PC: Merchant Transmission and Off-Shore Wind	PJM Conference & Training Center/ WebEx
July 11, 2019	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx

July 12, 2019	9:00 a.m. – 12:00 p.m.	Special PC: M-3 Process Lessons Learned	PJM Conference & Training Center/ WebEx
July 24, 2019	1:00 p.m. – 4:00 p.m.	Special PC: Merchant Transmission and Off-Shore Wind	PJM Conference & Training Center/ WebEx
August 8, 2019	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
September 12, 2019	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
October 11, 2019	9:00 a.m. – 12:00 p.m.	Special PC: M-3 Process Lessons Learned	PJM Conference & Training Center/ WebEx
October 17, 2019	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
November 14, 2019	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
December 12, 2019	9:00 a.m. – 12:00 p.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
Eric Lavery	Aces	Electric Distributor
Ed Achaab	AEP Energy Partners, Inc.	Other Supplier
Jamie Lejcar	Allegheny Electric Cooperative, Inc.	Electric Distributor
Ed Tatum	American Municipal Power	Electric Distributor
Steven Lieberman	American Municipal Power, Inc.	Electric Distributor
Lisa McAlister	American Municipal Power, Inc.	Electric Distributor
Gary Fuerst	American Transmission Systems, Inc.	Transmission Owner
Theodore Paradise	Anabarc	Not Applicable
Brock Ondayko	Appalachian Power Company	Transmission Owner
Dana Horton	Appalachian Power Company	Transmission Owner
Takis Laios	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
Stephen Kelly	Brookfield Energy Marketing LP	Other Supplier
David Scarpignato	Calpine Energy Services, L.P.	Generation Owner
Greg Poulos	CAPS	Not Applicable
Bill Allen	Commonwealth Edison Company	Transmission Owner
Kevin Chamberlain	Commonwealth Edison Company	Transmission Owner
Thomas Leeming	Commonwealth Edison Company	Transmission Owner
Ron Regner	Commonwealth Edison Company	Transmission Owner
Rehan Gilani	ConEdison Energy, Inc.	Other Supplier
Sandeep Baidwan	Continuum Associates, LLC	Not Applicable
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
Dwarakesh Nallan	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
Joe DeLosa	DE Public Service Commission	Not Applicable
Dane Jonas	Dominion Energy Generation Marketing, Inc	Generation Owner
Kyle Hannah	Dominion Virginia Power	Transmission Owner
Connie Lowe	Dominion Virginia Power	Not Applicable
Yajun Zheng	Dominion Virginia Power	Transmission Owner
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
Patrick Grau	Dyneegy Marketing and Trade, LLC	Generation Owner
Iker Chocarro	E.ON Climate & Renewables North America, Inc.	Generation Owner
Darrin Adams	East Kentucky Power Cooperative, Inc.	Transmission Owner
Nathan Bradley	East Kentucky Power Cooperative, Inc.	Transmission Owner
Chuck Dugan	East Kentucky Power Cooperative, Inc.	Transmission Owner
John Brodbeck	EDP Renewables North America, LLC	Other Supplier
Richard Maguire	Electrical Consultants Inc	Not Applicable
Sharon Midgley	Exelon Business Services Company, LLC	Transmission Owner
Melanie Sanders	Exelon Business Services Company, LLC	Transmission Owner
Deepak Ramlatchan	Federal Energy Regulatory Commission (The)	Not Applicable

Jim Benchek	FirstEnergy Solutions Corp.	Transmission Owner
Lou D'Alessandris	FirstEnergy Solutions Corp.	Transmission Owner
Andrew Horne	FirstEnergy Solutions Corp.	Transmission Owner
Larre Hozempa	FirstEnergy Solutions Corp.	Transmission Owner
Jeff Stuchell	FirstEnergy Solutions Corp.	Transmission Owner
Michael Borgatti	Gabel and Associates	Not Applicable
Travis Stewart	Gabel and Associates	Not Applicable
Donna Robichaud	Geenex	Not Applicable
Tom Hyzinski	GT Power Group	Not Applicable
Rory Sweeney	GT Power Group	Not Applicable
Jim Nash	Hudson Transmission Partners, LLC	Other Supplier
Mike Gahimer	IN Office of Utility Consumer Counselor	End User Customer
Mark Garza	Jersey Central Power & Light Company	Transmission Owner
Rob Janssen	Kelson Energy	Not Applicable
Sharon Segner	LS Power Transmission, LLC	Transmission Owner
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
Arash Sarmadi	New England Power Company	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
Ed Benson	NextEra Energy Marketing LLC	Other Supplier
Gabriel Hollis	NextEra Energy Transmission, LLC	Other Supplier
Frederico Von Pinho	NextEra Energy Transmission, LLC	Other Supplier
Steven Greco	Nextera Energy, Inc	Other Supplier
Erik Heinle	Office of the Peoples Counsel for the District of Columbia	End User Customer
Bill Squibb	Ohio Valley Electric	Generation Owner
Bill Pezalla	Old Dominion Electric Cooperative	Electric Distributor
Greg Carmean	OPSI	Not Applicable
Regina Carrado	PECO Energy Company	Transmission Owner
Amber Young	PEPCO Holdings, Inc.	Not Applicable
Hamad Ahmed	PJM Interconnection, LLC	Not Applicable
David Anders	PJM Interconnection, LLC	Not Applicable
Madalyn Beban	PJM Interconnection, LLC	Not Applicable
Jerry Bell	PJM Interconnection, LLC	Not Applicable
Aaron Berner	PJM Interconnection, LLC	Not Applicable
Matthew Bernstein	PJM Interconnection, LLC	Not Applicable
Ashwini Bhat	PJM Interconnection, LLC	Not Applicable
Nicole Bugay	PJM Interconnection, LLC	Not Applicable
Kyle Clifford	PJM Interconnection, LLC	Not Applicable
Jason Connell	PJM Interconnection, LLC	Not Applicable
Danielle Croop	PJM Interconnection, LLC	Not Applicable
David Egan	PJM Interconnection, LLC	Not Applicable
Tom Falin	PJM Interconnection, LLC	Not Applicable
Larry Farmer	PJM Interconnection, LLC	Not Applicable
Pauline Foley	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
Michele Greening	PJM Interconnection, LLC	Not Applicable
Suzanne Herel	PJM Interconnection, LLC	Not Applicable
Steve Herling	PJM Interconnection, LLC	Not Applicable
Michael Herman	PJM Interconnection, LLC	Not Applicable
Nicole Heun	PJM Interconnection, LLC	Not Applicable
Tim Horger	PJM Interconnection, LLC	Not Applicable
Eric Hsia	PJM Interconnection, LLC	Not Applicable
Chad Hutchinson	PJM Interconnection, LLC	Not Applicable
Lisa Krizenoskas	PJM Interconnection, LLC	Not Applicable
Matt LaRocque	PJM Interconnection, LLC	Not Applicable
Brindavani Malladi	PJM Interconnection, LLC	Not Applicable
Erich Mauroschatd	PJM Interconnection, LLC	Not Applicable
Susan McGill	PJM Interconnection, LLC	Not Applicable
Paul McGlynn	PJM Interconnection, LLC	Not Applicable
Molly Mooney	PJM Interconnection, LLC	Not Applicable
Jason Quevada	PJM Interconnection, LLC	Not Applicable



Draft Meeting Minutes

John Reynolds	PJM Interconnection, LLC	Not Applicable
Patricio Rocha-Garrido	PJM Interconnection, LLC	Not Applicable
Ken Schuyler	PJM Interconnection, LLC	Not Applicable
Jason Shoemaker	PJM Interconnection, LLC	Not Applicable
Mark Sims	PJM Interconnection, LLC	Not Applicable
Susan Snyder	PJM Interconnection, LLC	Not Applicable
Michelle Souder	PJM Interconnection, LLC	Not Applicable
Mark Stanisz	PJM Interconnection, LLC	Not Applicable
Natalie Tacka	PJM Interconnection, LLC	Not Applicable
Joseph Tutino	PJM Interconnection, LLC	Not Applicable
Phil Yum	PJM Interconnection, LLC	Not Applicable
Zelalem Tekle	PowerGEM	Not Applicable
Shadab Ali	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
John Feller	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Cleveland Richards	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Amber Thomas	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
William Lavista	PSEG Energy Resources and Trade LLC	Transmission Owner
Mohamed Zahidi	PSEG Energy Resources and Trade LLC	Transmission Owner
Cameron DeAngelis	Public Service Electric & Gas Company	Transmission Owner
Esam Khadr	Public Service Electric & Gas Company	Transmission Owner
Leonid Lyakhovich	Public Service Electric & Gas Company	Transmission Owner
Rich Marinelli	Public Service Electric & Gas Company	Transmission Owner
Massamba Samb	Public Service Electric & Gas Company	Transmission Owner
Alexander Stern	Public Service Electric & Gas Company	Transmission Owner
Alex Stern	Public Service Electric & Gas Company	Transmission Owner
Tom Hoatson	Riverside Generating, LLC	Other Supplier
Jame Huang	Rockland Electric Company	Transmission Owner
Rollie Manganon	Rockland Electric Company	Transmission Owner
Rich Heidorn	RTO Insider	Not Applicable
Christen Smith	RTO Insider	Not Applicable
Gerry Binder	SESCO Enterprises LLC	Other Supplier
Jennifer Hohenshilt	Talen Energy Marketing, LLC	Generation Owner
Kenneth Foadare	Tangibl	Not Applicable
Syed Ahmad	The Federal Energy Regulatory Commission	Not Applicable
Adam Weber	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Christian Fuess	White Pine Consulting LLC	Not Applicable
James Wilson	Wilson Energy Economics	Not Applicable

Author: Anisha Fernandes