

Planning Committee
PJM Conference and Training Center
May 16, 2019
9:00 a.m. – 11:10 a.m.

Administration (9:00-9:10)

1. Ms. Sue Glatz, 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 May 16, 2019 Planning Committee meeting. The Planning Committee approved the Agenda.
3. Ms. Anisha Fernandes reviewed the draft minutes posted for the April 11, 2019 meeting and the Planning Committee approved the minutes.
4. Ms. Sue Glatz provided an update on the IMM Benefit/Cost Analysis Problem Statement and Issue Charge that this would be included in the activities of the current Market Efficiency Process Enhancement Task Force (MEPETF).

Endorsements (9:10-9:15)

5. **Manual 07 Updates**
Mr. Mark Kuras, PJM, presented updates to PJM Manual 07 PJM Protection Standards. **By vote of acclamation the Planning Committee endorsed the Manual 07 updates with 0 objections and 0 abstentions.**

First Reads (9:15-9:30)

6. **Manual 14G Updates**
Ms. Lisa Krizenoskas, PJM, presented updates to Manual 14G Generation Interconnection Requests. The Committee will be requested to endorse these updates at the next meeting.
7. **2019 RRS Assumptions**
Mr. Jason Quevada, PJM, presented the 2019 RRS assumptions as developed in the Resource Adequacy Analysis Subcommittee. The committee will be requested to endorse the study assumptions at the next meeting.

Informational Updates (9:30-11:10)

8. **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](#)
9. **Merchant Transmission and Off-Shore Wind Update**
Mr. John Reynolds, PJM, provided an update on the 4/16 and 5/3 Special PC sessions.
[Issue Tracking: Merchant Transmission and Off-Shore Wind](#)

10. RTEP Process Enhancements Update

Mr. Aaron Berner, PJM, provided an update concerning the activities of the PC Special Sessions around the subject of upgrade modeling in the RTEP.

11. PJM Interconnection Queue Status Update

Ms. Onyinye Caven, PJM, provided an update on the status of the PJM Interconnection Queues.

12. Model Build Activity Update

Mr. Kyle Clifford, PJM, provided an update regarding current model build activities, including the 2019 series MMWG/MOD-032 cases. Updated slides have been posted with the 5/16/19 materials to correct the email address provided on the last slide.

13. Geomagnetic Disturbance Update

Ms. Ilyana Dropkin, PJM, provided an update on efforts being made to NERC Reliability Standard TPL-007-3: Transmission System Planned Performance for Geomagnetic Disturbance Events. There was a review of each of the requirements, implementation schedule, vulnerability assessment processes and PJM GMD Data Request. Ms. Ilyana Dropkin also identified individual and joint responsibilities according to TPL-007-3 R1. Updated slides have been posted with the 5/16/19 materials.

14. PJM-MISO Joint Operating Agreement Revisions

Mr. Alex Worcester, PJM, presented revisions to Article 9 of the PJM-MISO Joint Operating Agreement. These revisions were developed in consultation with the PJM-MISO Interregional Planning Stakeholder Advisory Committee.

15. Exelon Transmission Planning Criteria Update

Mr. Thomas Leeming, Exelon, provided an overview of the updated criteria that applies to all the Exelon Operating Companies.

16. Retirement of Quad Cities Remedial Action Scheme

Mr. Mohit Singh, ComEd, presented information related to the retirement of the Quad Cities Remedial Action Scheme.

17. Multi-user Submissions for Queue Point

Mr. Ian Mundell, PJM, provided an update on an upcoming enhancement to Queue Point which will allow multiple Queue Point users to collaborate on the same submission.

Information Only

FERC Order No. 845 Update

PJM's compliance approach and draft Tariff redlines for Order 845 was presented during several Special PC sessions since September 2018. PJM staff is preparing the finalized redlines and filing letter for the Compliance Filing due on May 22, 2019.

DER Ride Through Task Force (DERRTTF) Update

As discussed at the latest DER Ride Through Task Force (DERRTTF) meeting on April 23, 2019, PJM is conducting a poll of the DERRTTF and Planning Committee in order to gauge stakeholder interest in a new direction for the Task Force and the proposed settings for ride through that have been discussed to this

point. The results of this poll will be used to develop a solutions package at the next DERRTTF meeting on May 21, 2019. The poll will be open through Thursday, May 16, 2019.

PJM is asking for only one response per company. If you have more than one representative participating please coordinate your responses.

The poll can be accessed at the following URL: <https://www.surveymonkey.com/r/DERRTTFPoll>

The DERRTTF website where previous meeting material (including discussion of the proposed settings and the poll) and upcoming meeting material and registration can be accessed here:

<https://www.pjm.com/committees-and-groups/task-forces/derrttf.aspx>

If you have any questions or comments please reach out to Susan.McGill@pjm.com or Jonathan.Thompson@pjm.com.

Future Meeting Dates

May 29, 2019	9:00 a.m. – 12:00 p.m.	Special PC: RTEP Process Enhancements	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

Sue Glatz (Chair)	PJM Interconnection, LLC	Not Applicable
Anisha Fernandes (Secretary)	PJM Interconnection, LLC	Not Applicable
Jamie Lejcar	Allegheny Electric Cooperative, Inc.	Electric Distributor
Ryan Dolan	American Municipal Power	Electric Distributor
Theodore Paradise	Anabarc	Not Applicable
Brock Ondayko	Appalachian Power Company	Transmission Owner
Mary Berkley	Appalachian Power Company	Transmission Owner
David Canter	Appalachian Power Company	Transmission Owner
Cynthia Frazier-Keller	Appalachian Power Company	Transmission Owner
Takis Laios	Appalachian Power Company	Transmission Owner
Tabatha Poelstra	Appalachian Way Energy Partners	Not Applicable
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
Barry Trayers	Citigroup Energy, Inc.	Other Supplier
Ron Regner	Commonwealth Edison Company	Transmission Owner
Rehan Gilani	ConEdison Energy, Inc.	Other Supplier
Haibin Sun	Constellation Energy Services, Inc	Other Supplier
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
Ashwin Kumar Balaji	Daymark Energy Advisors	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

Joe DeLosa	DE Public Service Commission	Not Applicable
Ruth Ann Price	Division of the Public Advocate of the State of Delaware	End User Customer
William Jett	Duke Energy Business Services LLC	Generation 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
Patrick Grau	Dynegy Marketing and Trade, LLC	Generation Owner
Iker Chocarro	E.ON Climate & Renewables North America, Inc.	Generation Owner
Chuck Dugan	East Kentucky Power Cooperative, Inc.	Transmission Owner
John Brodbeck	EDP Renewables North America, LLC	Other Supplier
Malcolm Ainspan	Energy Curtailment Specialists, Inc.	Not Applicable
Thomas Leeming	Exelon	Transmission Owner
Sharon Midgley	Exelon Business Services Company, LLC	Transmission Owner
Pablo Ovando	Exelon Business Services Company, LLC	Transmission Owner
Melanie Sanders	Exelon Business Services Company, LLC	Transmission Owner
Robert Taylor	Exelon Business Services Company, LLC	Transmission Owner
Kevin Thundiyl	Exelon Business Services Company, LLC	Transmission Owner
Becky Webb	Exelon Business Services Company, LLC	Transmission Owner
Roozbeh Shegarfi	Exelon Generation Co., LLC	Generation Owner
Jim Benchek	FirstEnergy Solutions Corp.	Transmission Owner
Lou D'Alessandris	FirstEnergy Solutions Corp.	Transmission Owner
Mike Durinsky	FirstEnergy Solutions Corp.	Transmission Owner
Andrew Horne	FirstEnergy Solutions Corp.	Transmission Owner
Larre Hozempa	FirstEnergy Solutions Corp.	Transmission Owner
Travis Stewart	Gabel and Associates	Not Applicable
Tom Hyzinski	GT Power Group	Not Applicable
Rory Sweeney	GT Power Group	Not Applicable
Jeff Whitehead	GT Power Group	Not Applicable
Christine Ericson	Illinois Commerce Commission	Not Applicable
John Kopinski	ITC Mid-Atlantic Development LLC	Other Supplier
Rob Janssen	Kelson Energy	Not Applicable
Sharon Segner	LS Power Transmission, LLC	Transmission Owner
David Mabry	McNees Wallace & Nurick LLC	Not Applicable
Adam Solomon	Midwest Independent Transmission System Operator, Inc.	Not Applicable
John Dadourian	Monitoring Analytics, LLC	Not Applicable
Howard Haas	Monitoring Analytics, LLC	Not Applicable
Arash Sarmadi	New England Power Company	Not Applicable
David Brown	New Jersey Board of Public Utilities	Not Applicable
George Kogut	New York Power Authority	Other Supplier
Gabriel Hollis	NextEra Energy Transmission, LLC	Other Supplier
Fred Von Pinho	NextEra Energy Transmission, LLC	Other Supplier
Miles Taylor	Northern Indiana Public Service Company	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
Bill Squibb	Ohio Valley Electric	Generation Owner
Adrien Ford	Old Dominion Electric Cooperative	Electric Distributor
Greg Carmean	OPSI	Not Applicable
Peter McGarley	Orsted	Not Applicable
Douglas Dale	PECO Energy Company	Transmission Owner
Mike Donnelly	PECO Energy Company	Transmission Owner
Dale Douglas	PECO Energy Company	Transmission Owner
Pulin Shah	PECO Energy Company	Transmission Owner
Pat Kurowski	PEPCO Holdings, Inc.	Transmission Owner
David Anders	PJM Interconnection, LLC	Not Applicable
Fran Barrett	PJM Interconnection, LLC	Not Applicable
Aaron Berner	PJM Interconnection, LLC	Not Applicable
Matthew Bernstein	PJM Interconnection, LLC	Not Applicable
Nicole Bugay	PJM Interconnection, LLC	Not Applicable
Onyinye Caven	PJM Interconnection, LLC	Not Applicable
Kyle Clifford	PJM Interconnection, LLC	Not Applicable
Phil D'Antonio	PJM Interconnection, LLC	Not Applicable
Ilyana Dropkin	PJM Interconnection, LLC	Not Applicable
Nicolae Dumitriu	PJM Interconnection, LLC	Not Applicable
Amanda Egan	PJM Interconnection, LLC	Not Applicable
David Egan	PJM Interconnection, LLC	Not Applicable
Janell Fabiano	PJM Interconnection, LLC	Not Applicable
Lawrence Farmer	PJM Interconnection, LLC	Not Applicable



Meeting Minutes

Darrell Frogg	PJM Interconnection, LLC	Not Applicable
Suzanne Glatz	PJM Interconnection, LLC	Not Applicable
Jim Glennon	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
Megan McLaverty	PJM Interconnection, LLC	Not Applicable
Nancy Muhl	PJM Interconnection, LLC	Not Applicable
Ian Mundell	PJM Interconnection, LLC	Not Applicable
Chris O'Hara	PJM Interconnection, LLC	Not Applicable
William Patzin	PJM Interconnection, LLC	Not Applicable
Jason Quevada	PJM Interconnection, LLC	Not Applicable
John Reynolds	PJM Interconnection, LLC	Not Applicable
Ken Schuyler	PJM Interconnection, LLC	Not Applicable
Mark Sims	PJM Interconnection, LLC	Not Applicable
Stan Sliwa	PJM Interconnection, LLC	Not Applicable
Mark Staniszc	PJM Interconnection, LLC	Not Applicable
Henry (Jack) Thomas	PJM Interconnection, LLC	Not Applicable
Alex Worcester	PJM Interconnection, LLC	Not Applicable
Tao Yang	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
Christopher Szmodis	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
John Dempsey	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
Alexander Stern	Public Service Electric & Gas Company	Transmission Owner
Alex Stern	Public Service Electric & Gas Company	Transmission Owner
Lauren Thomas	Public Service Electric & Gas Company	Transmission Owner
Debbie Gebolys	Public Utilities Commission of Ohio (The)	Not Applicable
Ray Mason	ReliabilityFirst Corporation	Not Applicable
Tom Hoatson	Riverside Generating, LLC	Other Supplier
Jame Huang	Rockland Electric Company	Transmission Owner
Rollie Mangonon	Rockland Electric Company	Transmission Owner
Brian O'Boyle	Rockland Electric Company	Transmission Owner
Christen Smith	RTO Insider	Not Applicable
Jennifer Hohenshilt	Talen Energy Marketing, LLC	Generation Owner
Megan Toomey	Talen Energy Marketing, LLC	Generation Owner
Kenneth Foladare	Tangibl	Not Applicable
Syed Ahmad	The Federal Energy Regulatory Commission	Not Applicable
Valerie Martin	The Federal Energy Regulatory Commission	Not Applicable
John Sillin	The Federal Energy Regulatory Commission	Not Applicable
Dean Stair	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Adam Weber	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Neil Joshipura	Virginia State Corporation Commission	Not Applicable
Ronnie Bailey	Virginia Electric & Power Company	Transmission Owner
Craig Crider	Virginia Electric & Power Company	Transmission Owner
Chris Mertz	Virginia Electric & Power Company	Transmission Owner

Author: Anisha Fernandes