



January Planning Committee Teleconference / WebEx January 11, 2021 9:00 a.m. – 11:05 a.m. EPT

Administration (9:00 - 9:20)

- 1. Dave Souder, PJM, called the meeting to order. Molly Mooney, PJM, reviewed the Antitrust, Code of Conduct, media participation, and WebEx guidelines.
- 2. Molly Mooney reviewed the January 11, 2021 Planning Committee Agenda. No changes to the agenda were requested.
- 3. Molly Mooney reviewed the draft minutes posted for the December 1, 2020 meeting and the Planning Committee approved the minutes.
- 4. Molly Mooney reviewed the 2021 Planning Committee Work Plan. The special sessions under the PC along with manuals and recurring work items for 2021 were shared.

Dave Souder announced a Special PC meeting is scheduled for January 22, 2021 from 1 – 4 pm to continue discussing the SATA and CISO initiatives.

Endorsements ()

First Reads (9:20 - 10:30)

5. CISO Update

Mike Herman, PJM, provided a first read for the PJM proposal to address Mitigation and Avoidance of future CIP-014 facilities, including revisions to associated manual language. After stakeholder discussion, PJM noted that the additional special PC session scheduled for 1/22 will allow for further discussion on CISO avoidance manual language and CISO mitigation Operating Agreement language (if available). The CISO mitigation and avoidance second read and endorsement vote is currently scheduled for the February 9, 2021 PC meeting.

Issue Tracking: Critical Infrastructure Stakeholder Oversight

6. TO/TOP Matrix V15

Mark Kuras, PJM, presented the proposed changes to the TO/TOP Matrix. The committee will be requested to provide a recommendation to the TOA-AC to approve the Draft TO/TOP Matrix V15 at the next meeting.

Informational Updates (10:30 - 11:05)

7. EOL Update

Pauline Foley, PJM Legal, reviewed the recent End of Life Order.





- 8. PPL Dynamic Line Ratings Project
 - Shadab Ali, PPL, presented the PPL Dynamic Line Ratings Implementation Plan.
- 9. Reliability Compliance Update

Becky Davis, PJM, provided an update on the activities, issues and items of interest at NERC, SERC, and RF.

Informational Posting

Model Build Activity Update

2021 Series RTEP

- Powerflow Transmission Owners are asked to submit their Trial 2 updates by Friday January 15, 2021
- Short Circuit PJM is currently building the Trial 1 2023 case, it will be sent to the Transmission Owners by January 15, 2021; the Transmission Owners are asked to provide their feedback by January 29, 2021

Update on 2021 Generator Model Window

A document describing dates and references for the upcoming Generator Model Window for MOD-032 data submittals is posted with today's materials.

Recent Load Impacts

The estimated Covid-19 impacts on recent loads are posted with today's materials.

Future Meeting Dates				
Friday, January 22, 2021	1:00 p.m – 4:00 p.m.	Joint SATA & CISO Meeting	WebEx	
Friday, January 29, 2021	9:00 a.m 4:00 p.m.	Interconnection Process Workshop #3	WebEx	
Tuesday, February 9, 2021	9:00 a.m - 12:00 p.m.	Planning Committee	WebEx	
Friday, March 5, 2021	9:00 a.m 4:00 p.m.	Interconnection Process Workshop #4	WebEx	
Tuesday, March 9, 2021	9:00 a.m - 12:00 p.m.	Planning Committee	WebEx	
Tuesday, April 6, 2021	9:00 a.m - 12:00 p.m.	Planning Committee	WebEx	
Tuesday, May 11, 2021	9:00 a.m - 12:00 p.m.	Planning Committee	WebEx	
Tuesday, June 8, 2021	9:00 a.m - 12:00 p.m.	Planning Committee	WebEx	
Tuesday, July 13, 2021	9:00 a.m - 12:00 p.m.	Planning Committee	TBD	
Tuesday, August 10, 2021	9:00 a.m - 12:00 p.m.	Planning Committee	TBD	
Wednesday, September 8, 2021	9:00 a.m - 12:00 p.m.	Planning Committee	TBD	
Tuesday, October 5, 2021	9:00 a.m - 12:00 p.m.	Planning Committee	TBD	
Tuesday, November 2, 2021	9:00 a.m - 12:00 p.m.	Planning Committee	TBD	
Tuesday, Noember 30, 2021	9:00 a.m - 12:00 p.m.	Planning Committee	TBD	

Attendance List

David Souder (Chair)	PJM Interconnection, LLC	Not Applicable
Molly Mooney (Secretary)	PJM Interconnection, LLC	Not Applicable
Leslie Padilla Ed Achaab Tyler Berton Ryan Dolan Gerit Hull Art Iler	Acciona Energy North America Corporation AEP Energy Partners, Inc. American Electric Power American Municipal Power American Municipal Power, Inc. American Municipal Power, Inc.	Generation Owner Other Supplier Transmission Owner Electric Distributor Electric Distributor Electric Distributor





Vince Guntle American PowerNet Management, L.P. Rachel Elkins American Transmission Systems, Inc. American Transmission Systems, Inc. Gary Fuerst Brock Ondayko Appalachain Power Company Terry Gates Appalachian Power Company Appalachian Power Company Takis Laios Kevin Kilgallen Avangrid Renewables LLC Zelalem Tekle Baltimore Gas and Electric Eric Yeh Baltimore Gas and Electric Company Tom Jens Black Oak Energy, LLC Diane Janicki

Boston Energy Trading and Marketing LLC

Jason Procuniar Buckeye Power, Inc. CAPS

Greg Poulos

Commonwealth Edison Company Bill Allen Paul Mills Commonwealth Edison Company Ron Regner Commonwealth Edison Company Rehan Gilani ConEdison Energy, Inc.

Constellation Energy Services, Inc Haibin Sun Guy Filomena Customized Energy Solutions, Ltd. Customized Energy Solutions, Ltd. Lynn Horning Carl Johnson Customized Energy Solutions, Ltd. Jonathan Sasser Customized Energy Solutions, Ltd. Dayton Power & Light Company (The) Michael Russ DC Energy Mid-Atlantic, LLC
DC Energy Mid-Atlantic, LLC Dave Kuo Mark Price Jim Davis Dominion Energy Marketing, Inc.

Dominion Virginia Power Tania Jones William Jett Duke Energy Business Services LLC Steve Steinkuhl Duke Energy Business Services LLC

Jeff Baker Duke Energy Ohio, Inc. Duke Energy Ohio, Inc. Dan Benson Duke Energy Ohio, Inc. Julie Mason

East Kentucky Power Cooperative, Inc. Darrin Adams Nathan Bradley East Kentucky Power Cooperative, Inc. East Kentucky Power Cooperative, Inc. Chuck Dugan John Brodbeck EDP Renewables North America LLC Gaurav Mehta Enel Trading North America, LLC Engleman Fallon, PLLC Christina Switzer Gina Jardot Essential Power, LLC

Thomas Leeming Exelon Harsha Jasti Exelon Business Services Company, LLC Sharon Midgley Exelon Business Services Company, LLC Robert Taylor Exelon Business Services Company, LLC **Amber Thomas** Exelon Business Services Company, LLC Exelon Business Services Company, LLC Kevin Thundiyil

Roozbeh Shegarfi Exelon Generation Co., LLC Tom Bainbridge FirstEnergy Solutions Corp. Jim Benchek FirstEnergy Solutions Corp. Lou D'Alessandris FirstEnergy Solutions Corp. Larre Hozempa FirstEnergy Solutions Corp. FirstEnergy Solutions Corp. Jeff Stuchell

Jon Newman Fluence Energy Donna Robichaud Geenex GT Power Group Tom Hyzinski Rory Sweeney GT Power Group Jeff Whitehead GT Power Group Christine Ericson

Illinois Commerce Commission Mike Gahimer IN Office of Utility Consumer Counselor Dave Johnston Indiana Utility Regulatory Commission Megan Wisersky Madison Gas and Electric

Maryland Public Service Commission Morris Schreim David Mabry McNees Wallace & Nurick LLC Erik Hanser Michigan Public Service Commission Mitsubishi Electric Power Products Inc. Christin Domian John Dadourian Monitoring Analytics, LLC

End User Customer Transmission Owner Transmission Owner Transmission Owner Transmission Owner Transmission Owner Generation Owner Transmission Owner Transmission Owner Other Supplier Generation Owner Electric Distributor Not Applicable

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

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

Transmission Owner Transmission Owner Generation Owner Transmission Owner Transmission Owner Transmission Owner Transmission Owner Transmission Owner Not Applicable Not Applicable Not Applicable

Not Applicable Not Applicable Not Applicable End User Customer Not Applicable Other Supplier Not Applicable Not Applicable Not Applicable Not Applicable

Not Applicable





George Kogut New York Power Authority David Davis NextEra Energy Power Marketing, LLC Gabriel Hollis NextEra Energy Transmission, LLC John Rainey Northern Virginia Electric Cooperative Brian Kauffman NRG Curtailment Solutions

Office of the Peoples Counsel for the District of Columbia Erik Heinle Yohannes Mariam Office of the Peoples Counsel for the District of Columbia

Bill Squibb Ohio Valley Electric

Adrien Ford Old Dominion Electric Cooperative

Gregory Carmean OPSI Tomas Rodriguez OPSI Ron Slagel Other

Karan Joshi Pattern Energy Group PECO Energy Company Regina Carrado Pulin Shah PECO Energy Company PEPCO Holdings, Inc. Jiyeon Kim David Anders PJM Interconnection, LLC Alejandro Bautista PJM Interconnection, LLC Aaron Berner PJM Interconnection, LLC Brian Chmielewski PJM Interconnection, LLC Jason Connell PJM Interconnection, LLC

Becky Davis PJM Interconnection. LLC Nicolae Dumitriu PJM Interconnection, LLC David Egan PJM Interconnection, LLC Tom Falin PJM Interconnection, LLC Zhenvu Fan PJM Interconnection. LLC Pauline Foley PJM Interconnection, LLC Suzanne Glatz PJM Interconnection, LLC Craig Glazer PJM Interconnection, LLC Andrew Gledhill PJM Interconnection. LLC Jim Glennon PJM Interconnection, LLC Jeffrey Goldberg PJM Interconnection, LLC

Michele Greening PJM Interconnection, LLC Joe Hay PJM Interconnection. LLC Michael Herman PJM Interconnection, LLC Mike Hickey PJM Interconnection, LLC Eric Hsia PJM Interconnection, LLC PJM Interconnection. LLC Mark Kuras Jessica Lynch PJM Interconnection, LLC Susan McGill PJM Interconnection, LLC PJM Interconnection, LLC Paul McGlynn Megan McLaverty PJM Interconnection, LLC Shaun Murphy PJM Interconnection. LLC Darlene Phillips PJM Interconnection, LLC PJM Interconnection, LLC

Wenzheng Qiu

John Reynolds PJM Interconnection, LLC Ken Schuvler PJM Interconnection. LLC Ken Seiler PJM Interconnection, LLC Mark Sims PJM Interconnection, LLC Harliv Singh PJM Interconnection, LLC Stan Sliwa PJM Interconnection. LLC Michelle Souder PJM Interconnection, LLC Mark Stanisz PJM Interconnection, LLC Christina Stotesbury PJM Interconnection, LLC

Nebiat Tesfa PJM Interconnection. LLC PJM Interconnection, LLC Jack Thomas Jen Tribulski PJM Interconnection, LLC Stuart Widom PJM Interconnection, LLC Jere Williamson Downs PJM Interconnection. LLC

PPL Electric Utilities Corp. dba PPL Utilities Shadab Ali PPL Electric Utilities Corp. dba PPL Utilities John Feller PPL Electric Utilities Corp. dba PPL Utilities Horst Lehmann Amanda Rumsey PPL Electric Utilities Corp. dba PPL Utilities Christopher Szmodis PPL Electric Utilities Corp. dba PPL Utilities Bryan Sock PSEG Energy Resources and Trade LLC

Other Supplier Generation Owner Other Supplier Electric Distributor Other Supplier End User Customer

End User Customer Generation Owner Electric Distributor Not Applicable Not Applicable Not Applicable Not Applicable

Transmission Owner Transmission Owner Transmission Owner Not Applicable

Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable

Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable

Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable

Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable

Not Applicable

Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable

Transmission Owner Transmission Owner Transmission Owner Transmission Owner Transmission Owner Transmission Owner





Cameron DeAngelis Garan Gunn Daniel Hutt Esam Khadr Leonid Lyakhovich Alex Stern Heather Svenson Debbie Gebolys Maura McClelland Rafik Halim Tom Hoatson Lubaba Islam Rollie Mangonon Michael Yoder James Okenfuss Sean Chang John Rohrbach Jennifer Hohenshilt Kenneth Foladare Syed Ahmad John Sillin Edrissa Cham

Vince DeGiusto

Adam Weber

Public Service Electric & Gas Company Public Utilities Commission of Ohio (The) Public Utilities Commission of Ohio (The) Rafik-Geronimo Riverside Generating, LLC Rockland Electric Company Rockland Electric Company **RTO** Insider Savion Energy Shell Energy North America (US), LP Southern Maryland Electric Cooperative

Southern Maryland Electric Cooperative Talen Energy Marketing, LLC Tangibl

The Federal Energy Regulatory Commission The Federal Energy Regulatory Commission Tradewind Energy, Inc.

UGI Utilities, Inc.

Union Electric Company d/b/a Ameren Missouri

Transmission Owner Not Applicable Not Applicable None Other Supplier Transmission Owner Transmission Owner Not Applicable Not Applicable Other Supplier Electric Distributor Generation Owner Not Applicable Not Applicable Not Applicable Not Applicable Transmission Owner Other Supplier

Author: Molly Mooney