

**December Planning Committee
Teleconference / WebEx
December 1, 2020
9:00 a.m. – 12:10 p.m. EPT**

Administration (9:00 – 9:15)

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 December 1, 2020 Planning Committee Agenda. No changes to the agenda were requested.
3. Molly Mooney reviewed the draft minutes posted for the November 4, 2020 meeting and the Planning Committee approved the minutes.
4. Natasha Holter, PJM, updated the committee on a poll from the Emerging Technologies Forum (ETF) to gauge stakeholder interest on topics that should be discussed at that group.

Endorsements (9:15 – 10:15)

5. Planning Committee Charter
David Souder, PJM, reviewed the Planning Committee Charter. No changes were made to the Planning Committee Charter. **The committee endorsed the Charter with an acclamation vote of 0 objections and 1 abstention.**
6. Storage As Transmission Asset Update
Michele Greening, PJM, reviewed work done at the Storage As Transmission Asset Special Planning Committee sessions. Jeffrey Goldberg, PJM, reviewed PJM's package. A draft version of associated OA language was posted with meeting materials for informational purposes. After stakeholder discussion, additional special session meetings will be scheduled to conduct a review of Operating Agreement (OA) language. **The committee endorsed the SATA package at today's meeting with a vote of 91 Yes (58%), 65 No (42%), 62 Abstain. The committee voted if the SATA package was preferable to the status quo. This vote passed with 90 Yes (51%), 86 No (49%), and 42 Abstain.**
[Issue Tracking: Storage As a Transmission Asset](#)

First Reads (10:15 – 10:45)

7. Critical Infrastructure Stakeholder Update
 - A. Christina Stotesbury, PJM, reviewed work done at the Critical Infrastructure Stakeholder Oversight sessions.
 - B. Pauline Foley, PJM Legal, reviewed the details of FERC Docket No ER20-841-001 "Order Addressing Arguments Raised on Rehearing" dated November 19, 2020

- C. Mike Herman, PJM, reviewed the PJM proposal to address Avoidance of future CIP-014 facilities, including a first read of associated manual language.
- D. David Souder, PJM, discussed CISO next steps including additional special session meetings for the Mitigation piece of CISO.

[Issue Tracking: Critical Infrastructure Stakeholder Oversight](#)

Informational Updates (10:45 – 12:10)

- 8. Recent Load Impacts and Preliminary 2021 Load Forecast
 - A. Andrew Gledhill, PJM, presented the estimated Covid-19 impacts on recent loads.
 - B. Andrew Gledhill, reviewed the preliminary 2021 Load Forecast results.
- 9. New Jersey BPU State Agreement Approach

Joe DeLosa, NJBPU, discussed the November 18, 2020 Clean Energy Order (Docket No. QO20100630) declaring transmission to support offshore wind a public policy of the state of New Jersey.
- 10. State Agreement Approach

Mark Sims, PJM, completed education on the PJM State Agreement Approach.
- 11. Transmission & Substation Subcommittee Update

Jay Liu, PJM, provided an update on the Transmission & Substation Subcommittee (TSS) work activities through 2020, including 2021 workplan.
- 12. Reliability Compliance Update

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

Informational Posting

Model Build Activity Update

2020 Series MMWG

- Powerflow – final cases have been reviewed and approved

2021 Series RTEP

- Powerflow – PJM builds and delivers Trial 2 cases to the Transmission Owners by Friday December 11, 2020; Transmission Owners to submit their Trial 2 updates by Wednesday January 6, 2021
- Short Circuit – PJM is currently building the Trial 1 2023 case, it will be sent to the Transmission Owners for review in early January 2021

Update on 2021 Generator Model Window

Posted with materials for the December PC is a document describing 2021 Gen Model updates. New data requested is described in the document. The Gen Model window will open on 5/1/21 and end on 6/15/21.

Future Meeting Dates

Friday, December 11, 2020	9:00 a.m. – 4:00 p.m.	Interconneciton Process Workshop 2	WebEx
Friday, December 18, 2020	1:00 p.m. – 4:00 p.m.	PC Special Session: SATA & CISO	WebEx
Wednesday, January 6, 2021	9:00 a.m. – 12:00 p.m.	PC Special Session: SATA & CISO	WebEx
Monday, January 11, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee	WebEx
Tuesday, February 9, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee	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
Muhsin Abdur-Rahman	ABB	Not Applicable
Rodrigo Gonzalez Miguelez	Acciona Energy North America Corporation	Generation Owner
Rebecca Marcotte	Acciona Energy North America Corporation	Generation Owner
Leslie Padilla	Acciona Energy North America Corporation	Generation Owner
Tyler Berton	American Electric Power	Transmission Owner
Dylan Drugan	American Electric Power	Transmission Owner
David Rupert	American Electric Power	Transmission Owner
Gerit Hull	American Municipal Power, Inc.	Electric Distributor
Steven Lieberman	American Municipal Power, Inc.	Electric Distributor
Vince Guntle	American PowerNet Management, L.P.	End User Customer
Rachel Elkins	American Transmission Systems, Inc.	Transmission Owner
Gary Fuerst	American Transmission Systems, Inc.	Transmission Owner
Janice Fuller	Anbaric	Not Applicable
Theodore Paradise	Anbaric	Not Applicable
Brock Ondayko	Appalachain Power Company	Transmission Owner
David Canter	Appalachian Power Company	Transmission Owner
Takis Laios	Appalachian Power Company	Transmission Owner
Craig Lockwood	Appalachian Power Company	Transmission Owner
Kevin Kilgallen	Avangrid Renewables LLC	Generation Owner
Zelalem Tekle	Baltimore Gas and Electric	Transmission Owner
Ron Pezon	Borough of Chambersburg	Electric Distributor
Stephen Kelly	Brookfield Energy Marketing LP	Other Supplier
Tony Lopez-Lopez	Bryndan Associates, Inc.	Not Applicable
Jake Merriman	Burns McDonnell	Not Applicable
Greg Poulos	CAPS	Not Applicable
Bill Allen	Commonwealth Edison Company	Transmission Owner
Paul Mills	Commonwealth Edison Company	Transmission Owner
Rehan Gilani	ConEdison Energy, 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
John Horstmann	Dayton Power & Light Company (The)	Transmission Owner
Raj Roychowdhury	Dayton Power & Light Company (The)	Transmission Owner
Michael Russ	Dayton Power & Light Company (The)	Transmission Owner
David Hastings	Dhast Co	Not Applicable
James Davis	Dominion Energy Marketing, Inc.	Generation Owner

Tania Jones
 Kyle Thomas
 Ryen Lawson
 William Jett
 Steve Steinkuhl
 John Sturgeon
 Jeff Baker
 Julie Mason
 Steve Abate
 Gian Alian
 Joe Pilch
 Iker Chocarro
 Nathan Bradley
 John Brodbeck
 Jarett Contino
 AnneMarie McShea
 Gaurav Mehta
 Malcolm Ainspan
 Marleny Lopez-Sanchez
 Sharon Thomas
 Bruce Campbell
 Rajesh Bhana
 Sharon Midgley
 Robert Taylor
 Amber Thomas
 Kevin Thundiyl
 Roozbeh Shegarfi
 Chad Singer
 Tom Bainbridge
 Jim Benchek
 Lou D'Alessandris
 Larre Hozempa
 Jeff Stuchell
 Lisa Tynes
 Jon Newman
 Mike Borgatti
 Emma Nix
 Jay Caspary
 Tom Hyzinski
 Rory Sweeney
 Jeff Whitehead
 Dave Johnston
 Rob Stupar
 Sharon Segner
 Joshua York
 Morris Schreim
 Kathleen Wehnes
 David Mabry
 Christin Domian
 John Dadourian
 Cullen Howe
 Joe DeLosa
 Jim Ferris
 Emily Smithman
 George Kogut
 Gabriel Hollis
 Frederico Von Pinho
 Mike Dailey
 John Rainey
 Erik Heinle
 Yohannes Mariam
 Tom Schmidt
 Bill Squibb
 Michael Cocco
 Adrien Ford

Dominion Virginia Power
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 Dominion Virginia Power
 Duke Energy Business Services LLC
 Duke Energy Business Services LLC
 Duke Energy Carolinas, LLC
 Duke Energy Ohio, Inc.
 Duke Energy Ohio, Inc.
 Duquesne Light Company
 Duquesne Light Company
 Duquesne Light Company
 E.ON Climate & Renewables North America, Inc.
 East Kentucky Power Cooperative, Inc.
 EDP Renewables North America LLC
 EDP Renewables North America LLC
 EDP Renewables North America LLC
 Enel Trading North America, LLC
 Energy Curtailment Specialists, Inc.
 Energy Initiatives Group
 Energy Storage
 EnergyConnect, Inc.
 Exelon Business Services Company, LLC
 Exelon Business Services Company, LLC
 Exelon Business Services Company, LLC
 Exelon Business Services Company, LLC
 Exelon Business Services Company, LLC
 Exelon Generation Co., LLC
 Fellon McCord
 FirstEnergy Solutions Corp.
 FirstEnergy Solutions Corp.
 FirstEnergy Solutions Corp.
 FirstEnergy Solutions Corp.
 FirstEnergy Solutions Corp.
 FirstEnergy Solutions Corp.
 Fluence Energy
 Gabel and Associates
 Gabel and Associates
 Grid Strategies LLC
 GT Power Group
 GT Power Group
 GT Power Group
 Indiana Utility Regulatory Commission
 Invenergy, LLC
 LS Power Transmission, LLC
 LS Power Transmission, LLC
 Maryland Public Service Commission
 Maryland Public Service Commission
 McNees Wallace & Nurick LLC
 Mitsubishi Electric Power Products Inc.
 Monitoring Analytics, LLC
 Natural Resources Defense Council
 New Jersey Board of Public Utilities
 New Jersey Board of Public Utilities
 New Jersey Board of Public Utilities
 New York Power Authority
 NextEra Energy Transmission, LLC
 NextEra Energy Transmission, LLC
 Northern Virginia Electric Cooperative
 Northern Virginia Electric Cooperative
 Office of the Peoples Counsel for the District of Columbia
 Office of the Peoples Counsel for the District of Columbia
 Ohio Electric Cooperatives
 Ohio Valley Electric
 Old Dominion Electric Cooperative
 Old Dominion Electric Cooperative

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

Gregory Carmean	OPSI	Not Applicable
Tomas Rodriguez	OPSI	Not Applicable
Sunny Gupta	Orsted	Not Applicable
Eric Wilkinson	Orsted	Not Applicable
Regina Carrado	PECO Energy Company	Transmission Owner
Pulin Shah	PECO Energy Company	Transmission Owner
David Anders	PJM Interconnection, LLC	Not Applicable
Stephen Bennett	PJM Interconnection, LLC	Not Applicable
Aaron Berner	PJM Interconnection, LLC	Not Applicable
Matthew Bernstein	PJM Interconnection, LLC	Not Applicable
Mike Bryson	PJM Interconnection, LLC	Not Applicable
Tim Burdis	PJM Interconnection, LLC	Not Applicable
Brian Chmielewski	PJM Interconnection, LLC	Not Applicable
Jason Connell	PJM Interconnection, LLC	Not Applicable
Becky Davis	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
Tom Falin	PJM Interconnection, LLC	Not Applicable
Zhenyu Fan	PJM Interconnection, LLC	Not Applicable
Pauline Foley	PJM Interconnection, LLC	Not Applicable
Denise Foster	PJM Interconnection, LLC	Not Applicable
Suzanne Glatz	PJM Interconnection, LLC	Not Applicable
Craig Glazer	PJM Interconnection, LLC	Not Applicable
Andrew Gledhill	PJM Interconnection, LLC	Not Applicable
Jeffrey Goldberg	PJM Interconnection, LLC	Not Applicable
Michele Greening	PJM Interconnection, LLC	Not Applicable
Suzanne Herel	PJM Interconnection, LLC	Not Applicable
Michael Herman	PJM Interconnection, LLC	Not Applicable
Liem Hoang	PJM Interconnection, LLC	Not Applicable
Natasha Holter	PJM Interconnection, LLC	Not Applicable
Tim Horger	PJM Interconnection, LLC	Not Applicable
Eric Hsia	PJM Interconnection, LLC	Not Applicable
Jack Keegan	PJM Interconnection, LLC	Not Applicable
Ed Kovler	PJM Interconnection, LLC	Not Applicable
Mark Kuras	PJM Interconnection, LLC	Not Applicable
Matt LaRocque	PJM Interconnection, LLC	Not Applicable
Jay Liu	PJM Interconnection, LLC	Not Applicable
Amanda Long	PJM Interconnection, LLC	Not Applicable
Susan McGill	PJM Interconnection, LLC	Not Applicable
Megan McLaverty	PJM Interconnection, LLC	Not Applicable
Chris O'Hara	PJM Interconnection, LLC	Not Applicable
Darlene Phillips	PJM Interconnection, LLC	Not Applicable
Jason Quevada	PJM Interconnection, LLC	Not Applicable
John Reynolds	PJM Interconnection, LLC	Not Applicable
Jeffrey Schmitt	PJM Interconnection, LLC	Not Applicable
Ken Schuyler	PJM Interconnection, LLC	Not Applicable
Ken Seiler	PJM Interconnection, LLC	Not Applicable
Mark Sims	PJM Interconnection, LLC	Not Applicable
Harliv Singh	PJM Interconnection, LLC	Not Applicable
Michelle Souder	PJM Interconnection, LLC	Not Applicable
Richard Souder	PJM Interconnection, LLC	Not Applicable
Mark Stanisz	PJM Interconnection, LLC	Not Applicable
Christina Stotesbury	PJM Interconnection, LLC	Not Applicable
Chris Terranova	PJM Interconnection, LLC	Not Applicable
Nebiat Tesfa	PJM Interconnection, LLC	Not Applicable
Jack Thomas	PJM Interconnection, LLC	Not Applicable
Jen Tribulski	PJM Interconnection, LLC	Not Applicable
Stuart Widom	PJM Interconnection, LLC	Not Applicable
Jere Williamson Downs	PJM Interconnection, LLC	Not Applicable
Margaret Neves	Power Engineering	Not Applicable
Chris Benson	PowerBridge, LLC	Transmission Owner
Shadab Ali	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Matthew Besz	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner

