

**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  
 Dominion Virginia Power  
 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.  
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 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

Transmission Owner  
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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 Stanis	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

