

**November Planning Committee
Teleconference / WebEx
November 4, 2020
9:00 a.m. – 12:00 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 November 4, 2020 Planning Committee Agenda. No changes to the agenda were requested.
3. Molly Mooney reviewed the draft minutes posted for the October 6, 2020 meeting and the Planning Committee approved the minutes.
4. Dave Souder reviewed the Planning Committee Charter. The committee will be requested to endorse the Charter at next month's meeting.

Endorsements (9:15 – 9:35)

5. Manual 14C Update
Mark Sims, PJM, provided a second read of changes to Manual 14C: Generation and Transmission Interconnection Facility Construction, as part of the biennial cover-to-cover review. **The committee endorsed the Manual 14C changes with an acclamation vote of 0 objections and 0 abstentions**

First Reads (9:35– 11:30)

6. Storage As Transmission Asset Update
Michele Greening, PJM, discussed work being done at the most recent Storage As Transmission Asset Special Planning Committee sessions and review recent poll results. Jeffrey Goldberg and Nick Dumitriu, PJM, presented a first read of PJM's package. The committee will be asked to endorse the package at its next meeting.
[Issue Tracking: Storage As a Transmission Asset](#)
7. Critical Infrastructure Stakeholder Update
Christina Stotesbury, PJM, reviewed results from the second survey monkey poll on the Critical Infrastructure Stakeholder Oversight issue. Mike Herman, PJM, presented a first read of proposals to address both the Mitigation and Avoidance of future CIP-014 facilities. The committee will be asked to endorse the packages at its next meeting.
[Issue Tracking: Critical Infrastructure Stakeholder Oversight](#)

Informational Updates (11:30 – 12:15)

8. Recent Load Impacts and Load Forecast Model Development
 - A. Andrew Gledhill, PJM, presented the estimated Covid-19 impacts on recent loads.
 - B. Andrew Gledhill, discussed details of proposed load forecast model changes.

9. Update on Executive Order on Bulk Electric Power System

Craig Glazer, PJM, provided an update on Department of Energy Efforts to Implement the President's Executive Order to Remove Grid Equipment Connected to 'Foreign Adversaries'.

10. Capacity Capability Senior Task Force Update

Andrew Levitt, PJM, provided an update on the Effective Load Carrying Capability (ELCC) data submission requirements for intermittent and limited duration resources. The November data submission deadline will be pushed back to November 23rd, and is only required for members who wish to receive preliminary, non-binding ELCC results. The deadline for submitting data to supporting binding ELCC results to be used in the 2023/24 BRA will be early next year.

Informational Posting

Model Build Activity Update

2020 Series MMWG

- Powerflow – PJM to review and approve final cases as soon as they are posted by Powertech; Powertech to post final cases once all Planning Coordinators have reviewed and approved the final cases

2021 Series RTEP

- Powerflow – Transmission Owners to submit Trial 1 case updates by Friday November 20, 2020
- 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 November PC is a document describing 2021 Gen Model updates. New data requested is described in the document.

PJM Interconnection Queue Status Update

PJM has posted slides showing an update on the status of the PJM Interconnection Queues.

Future Meeting Dates

Tuesday, December 01, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	WebEx
Friday, December 11, 2020	9:00 a.m. – 4:00 p.m.	Interconnection Process Workshop 2	WebEx

Attendance List

David Souder (Chair)	PJM Interconnection, LLC	Not Applicable
Molly Mooney (Secretary)	PJM Interconnection, LLC	Not Applicable
Randy Holliday	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Meghan Jurica	Allegheny Power (AP load)	Not Applicable
Deb Kanner	Allegheny Power (AP load)	Not Applicable
Tyler Berton	American Electric Power	Not Applicable
Ryan Dolan	American Municipal Power	Electric Distributor
Gerit Hull	American Municipal Power, Inc.	Electric Distributor
Art Iler	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
 Brock Ondayko
 David Canter
 Chad Heitmeier
 Takis Laios
 Kevin Kilgallen
 Bhaskar Ray
 Tom Jens
 Diane Janicki
 Stephen Kelly
 Tony Lopez-Lopez
 Greg Poulos
 Bill Allen
 Paul Mills
 Ron Regner
 Rehan Gilani
 Haibin Sun
 Guy Filomena
 Lynn Horning
 Carl Johnson
 Jonathan Sasser
 David Hastings
 Tania Jones
 Bao Pham
 Hamidreza Sadeghian
 Kyle Thomas
 Yajun Zheng
 Ryen Lawson
 Kenneth Curtis
 William Jett
 Rhonda Johnson
 Steve Steinkuhl
 John Sturgeon
 Jeff Baker
 Dan Benson
 Julie Mason
 Benjamin Passty
 Steve Abate
 Gian Alian
 Joe Pilch
 Darrin Adams
 Nathan Bradley
 Chuck Dugan
 Sally Witt
 Anton Ptak
 John Brodbeck
 Malcolm Ainspan
 Sharon Thomas
 Thomas Leeming
 Jason Barker
 Rajesh Bhana
 Harsha Jasti
 Sharon Midgley
 Pablo Ovando
 Robert Taylor
 Amber Thomas
 Kevin Thundiyl
 Roozbeh Shegarfi
 Chad Singer
 Tom Bainbridge
 Jim Benchek
 Lou D'Alessandris
 Laura DiNicola
 Andrew Horne
 Larre Hozempa

American Transmission Systems, Inc.
 Appalachian Power Company
 Appalachian Power Company
 Appalachian Power Company
 Appalachian Power Company
 Avangrid Renewables LLC
 Baywa
 Black Oak Energy, LLC
 Boston Energy Trading and Marketing LLC
 Brookfield Energy Marketing LP
 Bryndan Associates, Inc.
 CAPS
 Commonwealth Edison Company
 Commonwealth Edison Company
 Commonwealth Edison Company
 ConEdison Energy, Inc.
 Constellation Energy Services, Inc.
 Customized Energy Solutions, Ltd.
 Customized Energy Solutions, Ltd.
 Customized Energy Solutions, Ltd.
 Customized Energy Solutions, Ltd.
 Dhast Co
 Dominion Virginia Power
 Dominion Virginia Power
 Dominion Virginia Power
 Dominion Virginia Power
 Dominion Virginia Power
 Dominion Virginia Power
 Dominion Virginia Power
 Drilling Info, Inc
 Duke Energy Business Services LLC
 Duke Energy Business Services LLC
 Duke Energy Business Services LLC
 Duke Energy Carolinas, LLC
 Duke Energy Ohio, Inc.
 Duke Energy Ohio, Inc.
 Duke Energy Ohio, Inc.
 Duke Energy Ohio, Inc.
 Duke Energy Ohio, Inc.
 Duquesne Light Company
 Duquesne Light Company
 Duquesne Light Company
 Duquesne Light Company
 East Kentucky Power Cooperative, Inc.
 East Kentucky Power Cooperative, Inc.
 East Kentucky Power Cooperative, Inc.
 East Kentucky Power Cooperative, Inc.
 EDF Renewable
 EDP Renewables North America LLC
 Energy Curtailment Specialists, Inc.
 Energy Storage
 Exelon
 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 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.

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

Jeff Stuchell	FirstEnergy Solutions Corp.	Transmission Owner
Donna Robichaud	Geenex	Not Applicable
Laurie Oppel	Grid Advisers Inc	Not Applicable
Jay Caspary	Grid Strategies LLC	Not Applicable
Angela Plummer	GridSME	Not Applicable
Tom Hyzinski	GT Power Group	Not Applicable
Rory Sweeney	GT Power Group	Not Applicable
Jeff Whitehead	GT Power Group	Not Applicable
Bonnie Lamond	Highview Power	Not Applicable
Christine Ericson	Illinois Commerce Commission	Not Applicable
Brandon Bowen	Indiana Utility Regulatory Commission	Not Applicable
Dave Johnston	Indiana Utility Regulatory Commission	Not Applicable
Rob Stupar	Invenergy, LLC	Generation Owner
John Kopinski	ITC Mid-Atlantic Development LLC	Other Supplier
Sharon Segner	LS Power Transmission, LLC	Transmission Owner
Joshua York	LS Power Transmission, LLC	Transmission Owner
Megan Wisersky	Madison Gas and Electric	Other Supplier
Morris Schreim	Maryland Public Service Commission	Not Applicable
David Mabry	McNees Wallace & Nurick LLC	Not Applicable
Erik Hanser	Michigan Public Service Commission	Not Applicable
Jennifer Phillips	Middle River Power I, LLC	Not Applicable
Christin Domian	Mitsubishi Electric Power Products Inc.	Not Applicable
Joseph Bowring	Monitoring Analytics	Not Applicable
John Dadourian	Monitoring Analytics, LLC	Not Applicable
George Kogut	New York Power Authority	Other Supplier
Gabriel Hollis	NextEra Energy Transmission, LLC	Other Supplier
Mike Dailey	Northern Virginia Electric Cooperative	Electric Distributor
John Rainey	Northern Virginia Electric Cooperative	Electric Distributor
Brian Kauffman	NRG Curtailment Solutions	Other Supplier
Divya Kurthakoti	Ocean Wind LLC	Not Applicable
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
Michael Cocco	Old Dominion Electric Cooperative	Electric Distributor
Adrien Ford	Old Dominion Electric Cooperative	Electric Distributor
Gregory Carmean	OPSI	Not Applicable
Tomas Rodriguez	OPSI	Not Applicable
Regina Carrado	PECO Energy Company	Transmission Owner
Pulin Shah	PECO Energy Company	Transmission Owner
David Anders	PJM Interconnection, LLC	Not Applicable
Scott Baker	PJM Interconnection, LLC	Not Applicable
Stephen Bennett	PJM Interconnection, LLC	Not Applicable
Aaron Berner	PJM Interconnection, LLC	Not Applicable
Mike Bryson	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
Tom Falin	PJM Interconnection, LLC	Not Applicable
Pauline Foley	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
Jim Glennon	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
Tim Horger	PJM Interconnection, LLC	Not Applicable
Eric Hsia	PJM Interconnection, LLC	Not Applicable
Matt LaRocque	PJM Interconnection, LLC	Not Applicable
Andrew Levitt	PJM Interconnection, LLC	Not Applicable
Paul McGlynn	PJM Interconnection, LLC	Not Applicable

Megan McLaverty	PJM Interconnection, LLC	Not Applicable
Shaun Murphy	PJM Interconnection, LLC	Not Applicable
Wenzheng Qiu	PJM Interconnection, LLC	Not Applicable
John Reynolds	PJM Interconnection, LLC	Not Applicable
Paul Scheidecker	PJM Interconnection, LLC	Not Applicable
Jeffrey Schmitt	PJM Interconnection, LLC	Not Applicable
Ken Schuyler	PJM Interconnection, LLC	Not Applicable
Mark Sims	PJM Interconnection, LLC	Not Applicable
Michelle Souder	PJM Interconnection, LLC	Not Applicable
Mark Stanisiz	PJM Interconnection, LLC	Not Applicable
Christina Stotesbury	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
Chris Benson	PowerBridge, LLC	Transmission Owner
Shadab Ali	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
John Feller	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Horst Lehmann	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Steven Nadel	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Arun Nava	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
David Quier	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Amanda Rumsey	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Valerie Saveri	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Christopher Szmodis	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Gary Greiner	PSEG Energy Resources and Trade LLC	Transmission Owner
Qamar Arsalan	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
Alex Stern	Public Service Electric & Gas Company	Transmission Owner
Heather Svenson	Public Service Electric & Gas Company	Transmission Owner
Caroline Tkachuk	Public Service Electric & Gas Company	Transmission Owner
Rafael Wilches	Public Service Electric & Gas Company	Transmission Owner
Mahila Christopher	Public Utilities Commission of Ohio (The)	Not Applicable
Tom Hoatson	Riverside Generating, LLC	Other Supplier
Michael Yoder	RTO Insider	Not Applicable
James Okenfuss	Savion Energy	Not Applicable
Sean Chang	Shell Energy North America (US), LP	Other Supplier
Casey Roberts	Sierra Club	Not Applicable
John Rohrbach	Southern Maryland Electric Cooperative	Electric Distributor
Jennifer Hohenshilt	Talen Energy Marketing, LLC	Generation Owner
Brad Swalwell	Tangent Energy Solutions, Inc.	Other Supplier
Kenneth Foladare	Tangibl	Not Applicable
Syed Ahmad	The Federal Energy Regulatory Commission	Not Applicable
John Sillin	The Federal Energy Regulatory Commission	Not Applicable
Vince DeGiusto	UGI Utilities, Inc.	Transmission Owner
Adam Weber	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Chris Mertz	Virginia Electric & Power Company	Transmission Owner
Karim Siamer	Virginia Electric & Power Company	Transmission Owner
James Wilson	Wilson Energy Economics	Not Applicable

Author: Molly Mooney