

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



- <u>Update on Executive Order on Bulk Electric Power System</u> 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 23<sup>rd</sup>, 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.	Interconneciton 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 ller	American Municipal Power, Inc.		Electric Distributor
Vince Guntle	American PowerNet Management, L.P.		End User Customer
Rachel Elkins	American Transmission Systems, Inc.		Transmission Owner

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# **Draft Minutes**

Gary Fuerst Brock Ondayko David Canter Chad Heitmeyer 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 Raiesh Bhana Harsha Jasti Sharon Midgley Pablo Ovando Robert Taylor Amber Thomas Kevin Thundiyil Roozbeh Shegarfi Chad Singer Tom Bainbridge Jim Benchek Lou D'Alessandris Laura DiNicola Andrew Horne Larre Hozempa

American Transmission Systems, Inc. Appalachain 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. CÁPS 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 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. Duquesne Light Company Duquesne Light Company Duquesne Light Company 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 Generation Co., LLC Fellon McCord FirstEnergy Solutions Corp. FirstEnergy Solutions Corp.

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# **Draft Minutes**

Jeff Stuchell Donna Robichaud Laurie Oppel Jay Caspary Angela Plummer Tom Hyzinski Rory Sweeney Jeff Whitehead Bonnie Lamond Christine Ericson Brandon Bowen Dave Johnston Rob Stupar John Kopinski Sharon Segner Joshua York Megan Wisersky Morris Schreim David Mabry Erik Hanser Jennifer Phillips Christin Domian Joseph Bowring John Dadourian George Kogut Gabriel Hollis Mike Dailey John Rainey Brian Kauffman Divva Kurthakoti Frik Heinle Yohannes Mariam Bill Squibb Michael Cocco Adrien Ford Gregory Carmean Tomas Rodriguez Regina Carrado Pulin Shah David Anders Scott Baker Stephen Bennett Aaron Berner Mike Bryson Ilyana Dropkin Nicolae Dumitriu Amanda Egan David Egan Janell Fabiano Tom Falin Pauline Foley Suzanne Glatz Craig Glazer Andrew Gledhill Jim Glennon Jeffrey Goldberg Michele Greening Suzanne Herel Michael Herman Liem Hoang Tim Horger Eric Hsia Matt LaRocque Andrew Levitt Paul McGlynn

FirstEnergy Solutions Corp. Geenex Grid Advisers Inc Grid Strategies LLC GridSME GT Power Group GT Power Group GT Power Group Highview Power Illinois Commerce Commission Indiana Utility Regulatory Commission Indiana Utility Regulatory Commission Invenergy, LLC ITC Mid-Atlantic Development LLC LS Power Transmission, LLC LS Power Transmission, LLC Madison Gas and Electric Maryland Public Service Commission McNees Wallace & Nurick LLC Michigan Public Service Commission Middle River Power I, LLC Mitsubishi Electric Power Products Inc. Monitoring Analytics Monitoring Analytics, LLC New York Power Authority NextEra Energy Transmission, LLC Northern Virginia Electric Cooperative Northern Virginia Electric Cooperative NRG Curtailment Solutions Ocean Wind LLC Office of the Peoples Counsel for the District of Columbia Office of the Peoples Counsel for the District of Columbia Ohio Valley Electric Old Dominion Electric Cooperative Old Dominion Electric Cooperative OPSI OPSI PECO Energy Company PECO Energy Company PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection. LLC PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection. LLC PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection. LLC PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection. LLC PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection. LLC PJM Interconnection, LLC

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# **Draft Minutes**

Megan McLaverty Shaun Murphy Wenzheng Qiu John Reynolds Paul Scheidecker Jeffrey Schmitt Ken Schuyler Mark Sims Michelle Souder Mark Stanisz Christina Stotesbury Nebiat Tesfa Jack Thomas Jen Tribulski Stuart Widom Jere Williamson Downs Chris Benson Shadab Ali John Feller Horst Lehmann Steven Nadel Arun Nava David Quier Amanda Rumsey Valerie Saveri Christopher Szmodis Gary Greiner Qamar Arsalan Esam Khadr Leonid Lyakhovich Alex Stern Heather Svenson Caroline Tkachuk Rafael Wilches Mahila Christopher Tom Hoatson Michael Yoder James Okenfuss Sean Chang Casey Roberts John Rohrbach Jennifer Hohenshilt Brad Swalwell Kenneth Foladare Sved Ahmad John Sillin Vince DeGiusto Adam Weber Chris Mertz Karim Siamer James Wilson

PJM Interconnection. LLC PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection. LLC PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection. LLC PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection. LLC PJM Interconnection, LLC PJM Interconnection, LLC PowerBridge, LLC PPL Electric Utilities Corp. dba PPL Utilities PSEG Energy Resources and Trade LLC Public Service Electric & Gas Company Public Utilities Commission of Ohio (The) Riverside Generating, LLC **RTO** Insider Savion Energy Shell Energy North America (US), LP Sierra Club Southern Maryland Electric Cooperative Talen Energy Marketing, LLC Tangent Energy Solutions, Inc. Tangibl The Federal Energy Regulatory Commission The Federal Energy Regulatory Commission UGI Utilities. Inc. Union Electric Company d/b/a Ameren Missouri Virginia Electric & Power Company Virginia Electric & Power Company Wilson Energy Economics

Not Applicable Transmission Owner Not Applicable Other Supplier Not Applicable Not Applicable Other Supplier Not Applicable Electric Distributor Generation Owner Other Supplier Not Applicable Not Applicable Not Applicable Transmission Owner Other Supplier Transmission Owner Transmission Owner Not Applicable

#### Author: Molly Mooney