

October Planning Committee Teleconference / WebEx October 6, 2020 9:00 a.m. – 12:15 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 October 6, 2020 Planning Committee Agenda. No changes to the agenda were requested.
- 3. Molly Mooney reviewed the draft minutes posted for the September 1st, 2020 meeting and the Planning Committee approved the minutes.
- 4. Molly Mooney reviewed the 2020 Planning Committee Work Plan.

Endorsements (9:15 – 9:45)

5. 2020 Installed Reserve Margin Study Results

Patricio Rocha Garrido, PJM, reviewed the 2020 Reserve Requirement Study results including the Installed Reserve Margin and Forecast Pool Requirement (IRM, FPR). A first read and endorsement was requested for the Winter Weekly Reserve Target (WWRT). The Committee endorsed the Installed Reserve Requirement and Forecast Pool Requirement results with an acclamation vote of 0 objections and 2 abstentions. The Committee endorsed the Winter Weekly Reserve Target with an acclamation vote of 0 objections and 2 abstentions.

First Reads (9:45 – 10:30)

6. Manual 14C Update

Mark Sims, PJM, provided a first read of changes to Manual 14C: Generation and Transmission Interconnection Facility Construction, as part of the biennial cover-to-cover review. The committee will be asked to endorse the changes at the next PC meeting.

Informational Updates (10:30 – 12:15)

- 7. Recent Load Impacts and Load Forecast Model Development
 - A. Andrew Gledhill, PJM, presented the estimated Covid-19 impacts on recent loads.
 - B. Andrew Gledhill, reviewed proposed revisions to the load forecasting model.

8. FERC Update

Thomas DeVita, PJM Legal, discussed Order No. 2222 regarding DER aggregation.



- Interconnection Queue Initiative Ken Seiler, PJM, discussed a stakeholder interconnection process workshop initiative to review existing Interconnection rules in an effort to create a more efficient and effective process. Workshop dates will be shared with stakeholders once scheduled.
- <u>Critical Infrastructure Stakeholder Update</u> Christina Stotesbury, PJM, provided an update on CISO activities. A poll was sent out to the group and is due back by October 16th. <u>Issue Tracking: Critical Infrastructure Stakeholder Oversight</u>
- Storage As Transmission Asset Update Michele Greening, PJM discussed work being done at the most recent Storage As Transmission Asset Special Planning Committee sessions. <u>Issue Tracking: Storage As a Transmission Asset</u>
- 12. Capacity Capability Senior Task Force Update

Andrew Levitt, PJM, provided an overview on the Effective Load Carrying Capability (ELCC) data submission requirements and applicable deadlines by delivery year for intermittent and limited duration resources. A formal communication with these details will be sent out to stakeholders.

Informational Posting

Model Build Activity Update

2020 Series MMWG

 Powerflow – PJM to approve final cases by Friday October 2, 2020; Powertech to post final cases by Friday October 9, 2020

2021 Series RTEP

- Powerflow PJM to send request for tie line updates by Wednesday October 7, 2020; PJM to send Trial 1 cases for review by Friday October 16, 2020
- Short Circuit Transmission Owners to submit Trial 0 case updates by Friday October 2, 2020

System Planning 201

PJM will hold a System Planning 201 course via teleconference/webex on Monday, October 19, 2020. Link for more information and registration: System Planning 201

Manual 03 Updates

Updates to PJM Manual 03 – Transmission Operations are posted as informational only with meeting materials. Manual 03 Attachment E Updates

The PJM Manual 03 Attachment E Automatic Sectionalizing Schemes Pending Approval and Recent Changes document has been posted as an information only item.

Future Meeting Dates

Friday, October 09, 2020 Tuesday, October 20, 2020 9:00 a.m. – 12:00 p.m. 9:00 a.m. – 12:00 p.m. Special PC: Storage As a Transmission Asset Special PC: Critical Infrastructure Stakeholder Oversight

WebEx WebEx



Draft Minutes



Thursday, October 22, 2020 Wednesday, November 04, 2020 Tuesday, December 01, 2020 1:00 p.m. – 4:00 p.m. 9:00 a.m. – 12:00 p.m. 9:00 a.m. – 12:00 p.m. Special PC: Storage As a Transmission Asset Planning Committee Planning Committee WebEx WebEx WebEx

Attendance List

David Souder (Chair) Molly Mooney (Secretary)

Tyler Berton Ryan Dolan Gerit Hull Art Iler Rachel Elkins Gary Fuerst Brock Ondavko David Canter Chad Heitmeyer Takis Laios Zelalem Tekle Hugh Scott Tom Jens Ron Pezon Diane Janicki Stephen Kelly Greg Poulos Bill Ållen Paul Mills Ron Regner Rehan Gilani Haibin Sun Guy Filomena Lvnn Horning Carl Johnson Jonathan Sasser Tim Bockhorn Joe DeLosa **David Hastings** Madeline Fleisher Jim Davis Junbiao Han Tania Jones Connie Lowe Kyle Thomas Yajun Zheng William Jett Steve Steinkuhl Jeff Baker Dan Benson Julie Mason Gian Alian Joe Pilch Iker Chocarro Darrin Adams Nathan Bradley John Brodbeck Jarett Contino Gaurav Mehta Malcolm Ainspan Bruce Campbell Thomas Leeming Jason Barker Rajesh Bhana

PJM Interconnection, LLC PJM Interconnection, LLC

American Electric Power American Municipal Power American Municipal Power. Inc. American Municipal Power, Inc. American Transmission Systems, Inc. American Transmission Systems, Inc. Appalachain Power Company Appalachian Power Company Appalachian Power Company Appalachian Power Company Baltimore Gas and Electric Baltimore Gas and Electric Company Black Oak Energy, LLC Borough of Chambersburg Boston Energy Trading and Marketing LLC Brookfield Energy Marketing LP 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. Dayton Power & Light Company (The) DE Public Service Commission Dhast Co **Dickinson Wright PLLC** Dominion Energy Marketing, Inc. Dominion Virginia Power Duke Energy Business Services LLC Duke Energy Business Services LLC Duke Energy Ohio, Inc. Duke Energy Ohio, Inc. Duke Energy Ohio, Inc. Duquesne Light Company Duquesne Light Company E.ON Climate & Renewables North America, Inc. East Kentucky Power Cooperative, Inc. East Kentucky Power Cooperative, Inc. EDP Renewables North America LLC EDP Renewables North America LLC Enel Trading North America, LLC Energy Curtailment Specialists, Inc. EnergyConnect, Inc. Exelon Exelon Business Services Company, LLC Exelon Business Services Company, LLC

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Sharon Midgley Robert Taylor Amber Thomas Christopher Nekolny Roozbeh Shegarfi Chad Singer Aasawari Pawar Tom Bainbridge Jim Benchek Jeff Stuchell Emma Nix Jay Caspary Tom Hyzinski Rory Sweeney Jeff Whitehead Christine Ericson Dave Johnston Rob Stupar John Kopinski Sharon Segner Joshua York David Mabry Christin Domian John Dadourian George Kogut Gabriel Hollis Frederico Von Pinho John Rainey Brian Kauffman Erik Heinle Yohannes Mariam Tom Schmidt Bill Squibb Michael Cocco Adrien Ford Gregory Carmean Tomas Rodriguez Regina Carrado Mike Donnelly Pulin Shah Marj Garbini David Anders Aaron Berner Matthew Bernstein Patrick Bruno Joe Ciabattoni Jason Connell Becky Davis Thomas DeVita James Dolan Ilyana Dropkin Nicolae Dumitriu Janell Fabiano Tom Falin Pauline Folev Suzanne Glatz Andrew Gledhill Jim Glennon Michele Greening Joe Hay Suzanne Herel Tim Horger Marilyn Jayachandran Richard Konowal Matt LaRocque

Exelon Business Services Company, LLC Exelon Business Services Company, LLC Exelon Business Services Company, LLC Exelon Generation Co., LLC Exelon Generation Co., LLC Fellon McCord First Solar FirstEnergy Solutions Corp. FirstEnergy Solutions Corp. FirstEnergy Solutions Corp. Gabel and Associates Grid Strategies LLC GT Power Group GT Power Group GT Power Group Illinois Commerce Commission Indiana Utility Regulatory Commission Invenergy, LLC ITC Mid-Atlantic Development LLC LS Power Transmission, LLC LS Power Transmission, LLC McNees Wallace & Nurick LLC Mitsubishi Electric Power Products Inc. Monitoring Analytics, LLC New York Power Authority NextEra Energy Transmission, LLC NextEra Energy Transmission, LLC Northern Virginia Electric Cooperative NRG Curtailment Solutions 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 OPSI OPSI PECO Energy Company PECO Energy Company PECO Energy Company PEPCO Holdings, Inc. PJM Interconnection, LLC PJM Interconnection. LLC PJM Interconnection. LLC PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection 11 C 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

Andrew Levitt Jay Liu Susan McGill Paul McGlynn Megan McLaverty Shaun Murphy **Darlene Phillips** Wenzheng Qiu Jason Quevada John Reynolds Patricio Rocha-Garrido Alexandra Scheirer Ken Schuyler Ken Seiler Jeffrey Shields Mark Sims Harliv Singh Michelle Souder Mark Stanisz Christina Stotesbury Nebiat Tesfa Jack Thomas Jen Tribulski Erik Watkin Shadab Ali Aaron Almonte Horst Lehmann Steven Nadel David Quier Amanda Rumsey Christopher Szmodis Gary Greiner Cameron DeAngelis Luis Garcia Esam Khadr Leonid Lyakhovich Alex Stern Heather Svenson Caroline Tkachuk Mahila Christopher Debbie Gebolys Tom Hoatson Lubaba Islam Michael Yoder **Bill Skumanich** James Okenfuss Sean Chang John Rohrbach Jennifer Hohenshilt Brad Swalwell Kenneth Foladare Mark Brozina Brad Heisev Edrissa Cham Vince DeGiusto Neil Joshipura Ronnie Bailey Chris Mertz James Wilson

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Author: Molly Mooney