

April Planning Committee Teleconference / WebEx April 6, 2021 9:00 a.m. – 11:30 a.m. EPT

Administration (9:00 – 9:30)

- Dave Souder, PJM, called the meeting to order. Molly Mooney, PJM, reviewed the Antitrust, Code of Conduct, media participation, and WebEx guidelines. The committee will be using the voting application for endorsement items due to previous vote counting issues with the acclimation vote approach.
- Molly Mooney reviewed the April 6, 2021 Planning Committee Agenda. An additional update regarding next steps with the Black Start process will be shared after agenda item 3 (noted below as 3A). Alex Stern, PSEG, raised a clarifying question and PJM confirmed that the PS proposed friendly amendment would be discussed as part of agenda item 8. No other changes to the agenda were requested.
- 3. Molly Mooney reviewed the draft minutes posted for the March 9, 2021 meeting and the Planning Committee approved the minutes.
 - 3A. Mike Bryson, PJM, updated the Planning Committee on PJM's plan to move forward with a Black Start 205 FERC filing.
- 4. Dave Anders, PJM, provided an update on the voting protocols for Board elections at the May Members Committee meeting.
- 5. Molly Mooney reviewed the 2021 PC Work Plan, updating progress through the end of the first quarter and highlighting remaining items for 2021.

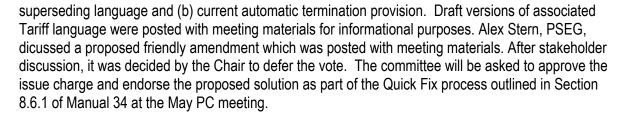
Endorsements (9:30 – 10:15)

- <u>CIR Problem Statement/Issue Charge</u> Jonathan Kern, PJM, reviewed a problem statement and issue charge to address the Capacity Interconnection Rights. The Capacity Interconnection Rights issue charge passed with 99% support. There were 196 Yes votes, 1 No vote, and 1 Abstention.
- 7. Interconnection Process Reform

Jason Connell, PJM, reviewed a problem statement and issue charge to address Interconnection Process Reform. The Interconnection Process Reform issue charge passed with 100% support. There were 223 Yes votes, 0 No votes, and 1 Abstention.

8. <u>Interconnection Construction Service Agreement Superseding Language and Automatic Termination</u> <u>Provision</u>

Mark Sims, PJM, reviewed a problem statement, issue charge and proposed solution to address concerns associated with the pro forma Interconnection Construction Service Agreement's (a) lack of



First Reads (10:15 – 11:00)

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- <u>Manual 14F and Manual 14B Updates</u> Nick Dumitriu, PJM, provided a first read of Manual 14F and Manual 14B conforming language for MEPETF capacity driver docket (ER21-162). The committee will be asked to vote on the manual changes at next month's meeting.
- 10. <u>New Service Requests Deficiency Review Requirements</u>

Jason Connell, PJM, provided a second first read of a Problem Statement, Issue Charge and proposed solution to address new service requests deficiency review requirements. Draft versions of associated Tariff language were posted with meeting materials for informational purposes. The committee will be asked to approve the issue charge and endorse the proposed solution as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 at the May PC meeting.

 <u>Manual 21: Rules and Procedures for Determining Generating Capability Update</u> Jerry Bell, PJM, provided a first read of Manual 21 regarding the biennial cover to cover review. The committee will be asked to vote on the manual changes at next month's meeting.

Informational Updates (11:00 – 11:30)

12. Manual Updates Regarding Effective Load Carrying Capability (ELCC)

Andrew Levitt, PJM, provided an overview of ELCC and previewed updates for Manual 20: PJM Resource Adequacy Analysis, Manual 21: Rules and Procedures for Determination of Generating Capability, and a new Manual 21A: Determination of Accredited UCAP Using Effective Load Carrying Capability Analysis. These manual updates were provided to the PC as informational only as the CCSTF under the MRC is responsible for developing manual updates associated with ELCC.

- <u>Reliability Compliance Update</u> Becky Davis, PJM, provided an update on the activities, issues and items of interest at NERC, SERC, and RF.
- 14. <u>Posting Timeline Trial Period</u> Michele Greening, PJM, reviewed information related to a proposed posting timeline trial period.
- 15. <u>Emerging Technologies Forum Survey</u> Natalie Tacka, PJM, provided an informational announcement about a forthcoming stakeholder survey related to emerging technologies.



Informational Posting

Model Build Activity Update

2021 Series RTEP

- Powerflow
 - PJM staff will internally review the cases in April 2021 and work with the Transmission Owners to finalize the cases
 - Short Circuit
 - Transmission Owners were required to provide their feedback for the Trial 3 2023 case and the Trial 1 2026 case by March 26, 2021; PJM is incorporating the feedback for both cases; Preliminary 2026 results will be sent out within the next several weeks by Transmission Planning
- 2020 Series MMWG
- Dynamics
 - Pre-final 2020 Series MMWG dynamics cases are expected to be out for review by April 7, 2021; Voting to finalize 2020 Series MMWG dynamics cases expected April 14, 2021; The cases will be posted to PJM.com once they are finalized

2021 Series MMWG

- Powerflow
 - PJM submitted a request for Transmission Owners to update existing projects, upload new projects and update base case in Model-on-Demand by April 2, 2021
 - PJM posted the 1, 2, & 5 year summer cases for topology review on April 5, 2021; Transmission Owners to submit project file updates to Model On Demand based on 1, 2 & 5 year summer cases review by April 16, 2021
 - PJM to request 2021WIN Study Case updates by April 8, 2021; Transmission Owners to provide updates to initial 2021WIN Study Case by April 29, 2021

MOD-032 Update

- The Gen Model window will open May 1 and remain open through June 15. Generator Owners have the option of using data submitted in previous years to prepopulate the 2021 forms; For any questions or comments email <u>MOD-032@pjm.com</u>
- The 2021 yearly updates to the Gen Model Users Guide and MOD-032 Data Requirements Documents will be issued in early April. All applicable contacts on the Gen Model Mailing List will be informed via a separate email when the updated documents are publically available.
- Gen Model link: https://pim.com/planning/services-requests/planning-modeling-submission-mod032.aspx

Manual 03 Updates

Updates to PJM Manual 03, Revision 59 – Transmission Operations are posted as informational only with meeting materials.

PJM Manual 03 Attachment E Automatic Sectionalizing Schemes

The PJM Manual 03 Attachment E Automatic Sectionalizing Schemes Pending Approval and Recent Changes document has been posted as an Information Only item to the April meeting website.

Future Meeting Dates

9:00 a.m. – 12:00 p.m.	Planning Committee	WebEx
April 29, 2021		
9:00 a.m. – 12:00 p.m.	Planning Committee	WebEx
9:00 a.m. – 12:00 p.m.	Planning Committee	WebEx
9:00 a.m. – 12:00 p.m.	Planning Committee	WebEx
9:00 a.m. – 12:00 p.m.	Planning Committee	WebEx
9:00 a.m. – 12:00 p.m.	Planning Committee	WebEx
9:00 a.m. – 12:00 p.m.	Planning Committee	WebEx
9:00 a.m. – 12:00 p.m.	Planning Committee	WebEx
	April 29, 2021 9:00 a.m. – 12:00 p.m. 9:00 a.m. – 12:00 p.m.	April 29, 2021 Planning Committee 9:00 a.m. – 12:00 p.m. Planning Committee



Draft Minutes

Attendance List

David Souder (Chair) Molly Mooney (Secretary)

Makenna Harris Ed Achaab Tyler Berton Art ller Steven Lieberman Vince Guntle Rachel Elkins Gary Fuerst Brock Ondavko Terry Gates Takis Laios Kevin Kilgallen Zelalem Tekle Eric Yeh Tom Jens Ron Pezon Liz Delaney Diane Janicki Stephen Kelly Tony Lopez-Lopez Greg Poulos Bill Allen Paul Mills Ron Reaner Rehan Gilani Guy Filomena Lynn Horning Carl Johnson Jonathan Sasser Rvan Dolan John Horstmann David Hastings Tania Jones Connie Lowe Kyle Thomas Wesley Hudson Ryen Lawson William Jett Steve Steinkuhl Jeff Baker Dan Benson Julie Mason Gian Alian Joe Pilch Nathan Bradley Chuck Dugan Paul Sotkiewicz John Brodbeck Gaurav Mehta Malcolm Ainspan Gina Jardot Thomas Leeming Rajesh Bhana Sharon Midgley Robert Tavlor Amber Thomas Kevin Thundivil Roozbeh Shegarfi Aasawari Pawar

PJM Interconnection, LLC PJM Interconnection, LLC

Adapt2 Solutions AEP Energy Partners, Inc. American Electric Power American Municipal Power, Inc. American Municipal Power, Inc. American PowerNet Management, L.P. American Transmission Systems. Inc. American Transmission Systems, Inc. Appalachain Power Company Appalachian Power Company Appalachian Power Company Avangrid Renewables LLC Baltimore Gas and Electric Baltimore Gas and Electric Company Black Oak Energy, LLC Borough of Chambersburg Borrego Solar 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. Customized Energy Solutions, Ltd. Customized Energy Solutions, Ltd. Customized Energy Solutions, Ltd. Customized Energy Solutions, Ltd. Dayton Power & Light Company (The) Dayton Power & Light Company (The) Dhast Co 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 East Kentucky Power Cooperative, Inc. East Kentucky Power Cooperative, Inc. E-Cubed Policy Associates EDP Renewables North America LLC Enel Trading North America, LLC Energy Curtailment Specialists, Inc. Essential Power, LLC Exelon Exelon Business Services Company, LLC Exelon Generation Co., LLC First Solar

Not Applicable Not Applicable

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Draft Minutes

Tom Bainbridge Jim Benchek Lou D'Alessandris Lawrence Hozempa Jeff Stuchell Stephen Tutor Emma Nix Donna Robichaud Rafik Halim Angela Plummer Tom Hyzinski Rory Sweeney Jeff Whitehead Mike Gahimer Brandon Bowen Dave Johnston Rob Stupar John Kopinski Sharon Segner Megan Wisersky David Mabry Erik Hanser Alexandria Koepplinger Christin Domian John Hyatt John Dadourian Anupama Janapareddy Cullen Howe George Kogut David Davis Gabriel Hollis Rigoberto Milla Fred Von Pinho Rao Konidena Brian Kauffman Yohannes Mariam Adrien Ford Gregory Carmean Tomas Rodriguez Pulin Shah David Anders Alejandro Bautista Jerry Bell Daniel Bennett Tarik Bensala Aaron Berner Matthew Bernstein Mike Bryson Brian Chmielewski Jason Connell Becky Davis Nicolae Dumitriu Amanda Egan David Egan Janell Fabiano Zhenyu Fan Pauline Foley Suzanne Glatz Craig Glazer Michele Greening Joe Hay Michael Herman Mike Hickey Jack Keegan Jonathan Kern

FirstEnergy Solutions Corp. Gabel and Associates Geenex Geronimo Enerav GridSME GT Power Group GT Power Group GT Power Group IN Office of Utility Consumer Counselor Indiana Utility Regulatory Commission Indiana Utility Regulatory Commission Invenergy, LLC ITC Mid-Atlantic Development LLC LS Power Transmission, LLC Madison Gas and Electric McNees Wallace & Nurick LLC Michigan Public Service Commission Michigan Public Service Commission Mitsubishi Electric Power Products Inc. Monitoring Analytics Monitoring Analytics, LLC National Grid Renewables Natural Resources Defense Council New York Power Authority NextEra Energy Power Marketing, LLC NextEra Energy Transmission, LLC NextEra Energy Transmission, LLC NextEra Energy Transmission, LLC Not Applicable NRG Curtailment Solutions Office of the Peoples Counsel for the District of Columbia Old Dominion Electric Cooperative OPSI OPSI 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

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PJM Interconnection, LLC

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Draft Minutes

Richard Konowal **Fd Kovler** Matt LaRocque Andrew Levitt Jeremy Lin Jessica Lynch Susan McGill Paul McGlynn Megan McLaverty Shaun Murphy Darlene Phillips Jason Quevada John Reynolds Patricio Rocha-Garrido Ken Schuyler Ken Seiler Jason Shoemaker Mark Sims Stan Sliwa Michelle Souder Natalie Tacka Nebiat Tesfa Jack Thomas Jen Tribulski Stuart Widom Jere Williamson Downs Koushy Nareshkumar Shadab Ali Rafael Cintron-Cuevas John Feller Homam Kamhia Meagan Kuchan Horst Lehmann Steven Nadel Alexa Rooney Roseanne Circelli **Cameron DeAngelis** Daniel Hutt Leonid Lyakhovich Richard Marinelli Alex Stern Heather Svenson Rahul Anilkumar Ray Mason Tom Hoatson Lubaba Islam Rollie Mangonon Michael Yoder **Bill Skumanich** James Okenfuss Sean Chang Jennifer Hohenshilt Hamid Kazerooni Brad Swalwell Kenneth Foladare Brad Heisey Adam Weber Becky Robinson

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Author: Molly Mooney