

**January Planning Committee
Teleconference / WebEx
January 11, 2022
9:00 a.m. – 12:35 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 January 11, 2022 Planning Committee agenda. No changes to the agenda were requested.
3. Molly Mooney reviewed the draft December 14, 2021 Planning Committee meeting minutes and the committee approved the minutes.
4. Molly Mooney reviewed the 2022 PC work plan.
- X. Amanda Egan, PJM, reviewed an update to the Voting Application to retire use of weak encryption.

Dave Souder reviewed organizational updates within the Planning Division.

Endorsements (9:15 – 10:00)

5. Interconnection Process Reform – Interconnection Process
Jack Thomas, PJM, reviewed the new interconnection process package from the work done at the Interconnection Process Reform Task Force.
The committee endorsed the PJM package with approximately 100% support. There were 275 Yes votes, 1 No vote, and 0 Abstain. The committee voted if the proposed solution was preferable to the status quo. This vote passed with approximately 100% support - 275 Yes, 1 No, and 0 Abstain.

Materials for task force can be found [here](#).

First Reads (10:00 – 11:30)

6. Interconnection Process Reform - Transition
Jack Thomas, PJM, provided a first read of the transition package(s) from the work done at the Interconnection Process Reform Task Force. The committee will be asked to vote on the transition package(s) at next month's meeting.

Materials for task force can be found [here](#).

7. Deactivation Process Timing
Dave Egan, PJM, provided a first read of a proposed deactivation process timing update. 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 next month's meeting.

8. TO/TOP Matrix V16

Gizella Mali, PJM, presented the proposed changes to the TO/TOP Matrix. The Committee will be requested to provide a recommendation to the TOA-AC to approve the Draft TO/TOP Matrix V16 at the next meeting.

Informational Updates (11:30 – 12:35)

9. Capacity Interconnection Rights for ELCC Resources Update

Brian Chmielewski, PJM, provided an update of the work done during the PC special session on Capacity Interconnection Rights (CIR) for ELCC Resources.

Materials for the special sessions can be found [here](#).

10. Resilience Testing Update

Grace Niu, PJM, provided an update on annual resilience testing.

11. Attachment M3 Process Update

Aaron Berner, PJM, provided an Attachment M-3 update and facilitated a discussion with stakeholders.

12. Reliability Compliance Update

Becky Davis, PJM, provided an update on the activities, issues and items of interest at NERC, SERC, and RF.

Informational Posting

Model Build Activity Update

- MMWG
 - Dynamics
 - PJM submitted the second round of generator dynamic data and Transmission Owners' dynamic device data to PowerTech
 - PowerTech is working on dynamic cases initializations and disturbance test
- RTEP
 - Loadflow
 - Transmission Owners to provide Trial 2 updates and contingency files by January 21, 2022
 - Short Circuit
 - PJM will post the Trial 1 2024 case and associated files by January 15, 2022
- A friendly reminder - The upcoming Gen Model Window for MOD-032 data submittals for applicable Generator Owners will open on Sunday, May 1st, 2022 and end on Wednesday, June 15th, 2022

Carbon Impact Report – 2020/21 Long-Term Window 1 Update

A report posted with meeting materials summarizes the carbon impacts for the Market Efficiency projects to be submitted to the February Board meeting.

Future Meeting Dates and Materials			Materials Due to Secretary 	Materials Published
Date	Time	Meeting (Location)		
Tuesday, January 11, 2022	9:00 a.m. – 12:00 p.m.	Planning Committee (TBD)	Thursday, December 30, 2021	Tuesday, January 4, 2022
Tuesday, February 8, 2022	9:00 a.m. – 12:00 p.m.	Planning Committee (TBD)	Thursday, January 27, 2022	Tuesday, February 1, 2022
Tuesday, March 8, 2022	9:00 a.m. – 12:00 p.m.	Planning Committee (TBD)	Thursday, February 24, 2022	Tuesday, March 1, 2022
Tuesday, April 12, 2022	9:00 a.m. – 12:00 p.m.	Planning Committee (TBD)	Thursday, March 31, 2022	Tuesday, April 5, 2022
Tuesday, May 10, 2022	9:00 a.m. – 12:00 p.m.	Planning Committee (TBD)	Thursday, April 28, 2022	Tuesday, May 3, 2022
Tuesday, June 7, 2022	9:00 a.m. – 12:00 p.m.	Planning Committee (TBD)	Thursday, May 26, 2022	Tuesday, May 31, 2022

Attendance List

David Souder (Chair)	PJM Interconnection, LLC	Not Applicable
Molly Mooney (Secretary)	PJM Interconnection, LLC	Not Applicable
Shilpa Toppo	174 Power Global	Not Applicable
Alex Camargo	8Minute Solar Energy	Not Applicable
Muhsin Abdur-Rahman	ABB	Not Applicable
Julian Prasad	Acciona Energy North America Corporation	Generation Owner
Jose Villarreal	Acciona Energy North America Corporation	Generation Owner
Sophie Graham	Adapt2 Solutions	Not Applicable
Jake Greenfield	Advanced Power	Not Applicable
Kyle Kekeisen	Advanced Power	Not Applicable
Aaron Lamb	Advanced Power	Not Applicable
Nicole Makela	Advanced Power	Not Applicable
Nick Zaborowsky	Advanced Power	Not Applicable
Benjamin Greene	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Tyler Berton	American Electric Power	Transmission Owner
Gerit Hull	American Municipal Power, Inc.	Electric Distributor
Art Iler	American Municipal Power, Inc.	Electric Distributor
Steven Lieberman	American Municipal Power, Inc.	Electric Distributor
Alexandros Lousos	American Municipal Power, Inc.	Electric Distributor
Lisa McAlister	American Municipal Power, Inc.	Electric Distributor
Gary Fuerst	American Transmission Systems, Inc.	Transmission Owner
Sari Fink	American Wind Energy Association	Not Applicable
Ash Panegal	Apex Clean Energy	Not Applicable
Richard Seide	Apex Clean Energy	Not Applicable
Brock Ondayko	Appalachian Power Company	Transmission Owner
David Canter	Appalachian Power Company	Transmission Owner
Terry Gates	Appalachian Power Company	Transmission Owner
Takis Laios	Appalachian Power Company	Transmission Owner
Craig Rutledge	Appalachian Power Company	Transmission Owner
Kevin Kilgallen	Avangrid Renewables LLC	Generation Owner
Zelalem Tekle	Baltimore Gas and Electric	Transmission Owner
Tom Dao	Bechtel	Not Applicable
Brian Vayda	Borough of Park Ridge	Electric Distributor
Zachary Stines	Borrego Solar	Not Applicable
Diane Janicki	Boston Energy Trading and Marketing LLC	Generation Owner
Brett White	Brett White	Not Applicable
Stephen Kelly	Brookfield Energy Marketing LP	Other Supplier
Tony Lopez-Lopez	Bryndan Associates, Inc.	Not Applicable
Greg Poulos	CAPS	Not Applicable
Nick Benjamin	Clearway Energy LLC	Not Applicable
Ling Hua	Clearway Energy LLC	Not Applicable
Bill Allen	Commonwealth Edison Company	Transmission Owner
Rehan Gilani	ConEdison Energy, Inc.	Other Supplier

Haibin Sun	Constellation Energy Services, Inc	Other Supplier
Matt Litchfield	CPV Power Holdings, LP	Generation Owner
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
Matthew Crosby	Cypress Creek Renewables, LLC	Generation Owner
Steven Lichtin	Cypress Creek Renewables, LLC	Generation Owner
David Capparelli	Dakota Power Partners	Not Applicable
Ryan Dolan	Dayton Power & Light Company (The)	Transmission Owner
John Horstmann	Dayton Power & Light Company (The)	Transmission Owner
Michael Russ	Dayton Power & Light Company (The)	Transmission Owner
David Hastings	Dhast Co	Not Applicable
Ron Carrier	Direct Energy Business, LLC	Other Supplier
Marji Philips	Direct Energy Business, LLC	Other Supplier
Ruth Ann Price	Division of the Public Advocate of the State of Delaware	End User Customer
Jim Davis	Dominion Energy Marketing, Inc.	Generation Owner
Rebecca Hicks	Dominion Energy Marketing, Inc.	Generation Owner
Jacqui Hugee	Dominion Energy Marketing, Inc.	Generation Owner
Tania Jones	Dominion Virginia Power	Transmission Owner
Derek Kou	EDP Renewables North America, LLC	Generation Owner
Bao Pham	Old Dominion Electric Cooperative	Electric Distributor
Connie Schroeder	Dominion Virginia Power	Transmission Owner
Ryen Lawson	Dominion Virginia Power	Transmission Owner
William Jett	Duke Energy Business Services LLC	Transmission Owner
Steve Steinkuhl	Duke Energy Business Services LLC	Transmission Owner
John Sturgeon	Duke Energy Carolinas, LLC	Other Supplier
Jeff Baker	Duke Energy Ohio, Inc.	Transmission Owner
Dan Benson	Duke Energy Ohio, Inc.	Transmission Owner
Bryan Garnett	Duke Energy Ohio, Inc.	Transmission Owner
Julie Mason	Duke Energy Ohio, Inc.	Transmission Owner
Gian Alian	Duquesne Light Company	Transmission Owner
Janessa Kent	Duquesne Light Company	Transmission Owner
Joe Pilch	Duquesne Light Company	Transmission Owner
Jason Cox	Dynegy Power Marketing, Inc.	Generation Owner
Iker Chocarro	E.ON Climate & Renewables North America, Inc.	Generation Owner
Tom Rutigliano	Earth Networks	Other Supplier
Darrin Adams	East Kentucky Power Cooperative, Inc.	Transmission Owner
Nathan Bradley	East Kentucky Power Cooperative, Inc.	Transmission Owner
Chuck Dugan	East Kentucky Power Cooperative, Inc.	Transmission Owner
Denise Foster Cronin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Zach Gold	East Light Partners	Not Applicable
Paul Sotkiewicz	E-Cubed Policy Associates	Not Applicable
Maguette Fall	EDF Renewable	Not Applicable
Arash Ghodsian	EDF Renewable	Not Applicable
Anton Ptak	EDF Renewable	Not Applicable
John Brodbeck	EDP Renewables North America LLC	Generation Owner
Marc Aurely	EN Engineering LLC	Not Applicable
Minnie Han	Enel Trading North America, LLC	Other Supplier
Mohamed Kadous	Enel Trading North America, LLC	Other Supplier
Gaurav Mehta	Enel Trading North America, LLC	Other Supplier
Colleen Wallace	Energy Exemplar	Not Applicable
Chandra Colaresi	Enerwise Global Technologies, LLC	Other Supplier
Gina Jardot	Essential Power, LLC	Generation Owner
Thomas Leeming	Exelon	Transmission Owner
Rajesh Bhana	Exelon Business Services Company, LLC	Transmission Owner
Harsha Jasti	Exelon Business Services Company, LLC	Transmission Owner
Sharon Midgley	Exelon Business Services Company, LLC	Transmission Owner
Robert Taylor	Exelon Business Services Company, LLC	Transmission Owner
Amber Thomas	Exelon Business Services Company, LLC	Transmission Owner
Kevin Thundiyil	Exelon Business Services Company, LLC	Transmission Owner
Roozbeh Shegarfi	Exelon Generation Co., LLC	Generation Owner
Aasawari Pawar	First Solar	Not Applicable
Eric Bryant	FirstEnergy Solutions Corp	Transmission Owner
Tom Bainbridge	FirstEnergy Solutions Corp	Transmission Owner

Jim Benchek	FirstEnergy Solutions Corp.	Transmission Owner
Lou D'Alessandris	FirstEnergy Solutions Corp.	Transmission Owner
Andrew Horne	FirstEnergy Solutions Corp.	Transmission Owner
Lawrence Hozempa	FirstEnergy Solutions Corp.	Transmission Owner
Jeff Stuchell	FirstEnergy Solutions Corp.	Transmission Owner
Gabriella Hudis	Gabel and Associates	Not Applicable
Emma Nix	Gabel and Associates	Not Applicable
Lesley Williams	Geenex	Not Applicable
Randall Porter	Geronimo Energy	None
Tom Hyzinski	GT Power Group	Not Applicable
Rory Sweeney	GT Power Group	Not Applicable
Jeff Whitehead	GT Power Group	Not Applicable
Matthew Wharton	Guidehouse, Inc	Not Applicable
Eveline Pelletier	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Andrew Redding	Heelstone Renewable Energy	Not Applicable
Sudipto Bhowmik	Ibv Energy	Not Applicable
Zachary Callen	Illinois Commerce Commission	Not Applicable
Christine Ericson	Illinois Commerce Commission	Not Applicable
Katharine McCormick	Illinois Commerce Commission	Not Applicable
Steve Davies	Indiana Utility Regulatory Commission	Not Applicable
Dave Johnston	Indiana Utility Regulatory Commission	Not Applicable
Rob Stupar	Invenergy, LLC	Generation Owner
Matt Keenan	J-Power USA	Not Applicable
Justin McNeil	Kentucky Government	Not Applicable
Fred Rohs	Landco	Not Applicable
Megan Wisersky	Madison Gas and Electric	Other Supplier
Philip Sussler	Maryland Public Service Commission	Not Applicable
Kathleen Wehnes	Maryland Public Service Commission	Not Applicable
David Mabry	McNees Wallace & Nurick LLC	Not Applicable
Tracy Brecke	MEPPI	Not Applicable
Stephen Boyle	Merion Energy Solutions	Not Applicable
Nick Abraham	Michigan Public Service Commission	Not Applicable
Erik Hanser	Michigan Public Service Commission	Not Applicable
Liang Qi	Midwest Independent Transmission System Operator, Inc.	Not Applicable
Christin Domian	Mitsubishi Electric Power Products Inc.	Not Applicable
Abbey Li	Mitsubishi Electric Power Products Inc.	Not Applicable
John Dadourian	Monitoring Analytics, LLC	Not Applicable
Anupama Janapareddy	National Grid Renewables	Not Applicable
Colin Walcavich	National Grid Renewables	Not Applicable
Cullen Howe	Natural Resources Defense Council	Not Applicable
George Kogut	New York Power Authority	Other Supplier
Brian McArdle	NextEra Energy Transmission, LLC	Other Supplier
Jung Suh	Noble Americas Energy Solutions LLC	Other Supplier
Brian Kauffman	NRG Curtailment Solutions	Other Supplier
Divya Kurthakoti	Ocean Wind LLC	Not Applicable
Tom Schmidt	Ohio Electric Cooperatives	Not Applicable
Bill Squibb	Ohio Valley Electric	Generation Owner
Michael Cocco	Old Dominion Electric Cooperative	Electric Distributor
Adrien Ford	Old Dominion Electric Cooperative	Electric Distributor
Cyrus Tashakkori	Open Road Renewables, LLC	Not Applicable
Mike Volpe	Open Road Renewables, LLC	Not Applicable
Gregory Carmean	OPSI	Not Applicable
Tomas Rodriguez	OPSI	Not Applicable
Akeem Bowen	Orsted	Not Applicable
Azade Brahman	Orsted	Not Applicable
Ankit Pahwa	Pattern Energy Group	Not Applicable
Pulin Shah	PECO Energy Company	Transmission Owner
Regan Fink	Pine Gate Renewables	Not Applicable
Andrew Grieve	Pine Gate Renewables	Not Applicable
Susan Stanfill	Pine Gate Renewables	Not Applicable
Sami Abdulsalam	PJM Interconnection, LLC	Not Applicable
David Anders	PJM Interconnection, LLC	Not Applicable
Alejandro Bautista	PJM Interconnection, LLC	Not Applicable
Stephen Bennett	PJM Interconnection, LLC	Not Applicable
Tarik Bensala	PJM Interconnection, LLC	Not Applicable

Aaron Berner	PJM Interconnection, LLC	Not Applicable
Matthew Bernstein	PJM Interconnection, LLC	Not Applicable
Ashwini Bhat	PJM Interconnection, LLC	Not Applicable
Joshua Bruno	PJM Interconnection, LLC	Not Applicable
Mike Bryson	PJM Interconnection, LLC	Not Applicable
Augustine Caven	PJM Interconnection, LLC	Not Applicable
Onyinye Caven	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
Zeenath Fernandes	PJM Interconnection, LLC	Not Applicable
Pauline Foley	PJM Interconnection, LLC	Not Applicable
Ed Franks	PJM Interconnection, LLC	Not Applicable
Suzanne Glatz	PJM Interconnection, LLC	Not Applicable
Craig Glazer	PJM Interconnection, LLC	Not Applicable
Jim Glennon	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
Dennis Hough	PJM Interconnection, LLC	Not Applicable
Eric Hsia	PJM Interconnection, LLC	Not Applicable
Marilyn Jayachandran	PJM Interconnection, LLC	Not Applicable
Ed Kovler	PJM Interconnection, LLC	Not Applicable
Lisa Krizenoskas	PJM Interconnection, LLC	Not Applicable
Mark Kuras	PJM Interconnection, LLC	Not Applicable
Andrew Lambert	PJM Interconnection, LLC	Not Applicable
Andrew Levitt	PJM Interconnection, LLC	Not Applicable
Jessica Lynch	PJM Interconnection, LLC	Not Applicable
Gizella Mali	PJM Interconnection, LLC	Not Applicable
Erich Mauroschatd	PJM Interconnection, LLC	Not Applicable
Susan McGill	PJM Interconnection, LLC	Not Applicable
Megan McLaverty	PJM Interconnection, LLC	Not Applicable
Stacey Nestel	PJM Interconnection, LLC	Not Applicable
Grace Niu	PJM Interconnection, LLC	Not Applicable
Michael Olaleye	PJM Interconnection, LLC	Not Applicable
Ninad Patil	PJM Interconnection, LLC	Not Applicable
Wenzheng Qiu	PJM Interconnection, LLC	Not Applicable
John Reynolds	PJM Interconnection, LLC	Not Applicable
pavan sajj	PJM Interconnection, LLC	Not Applicable
Ken Schuyler	PJM Interconnection, LLC	Not Applicable
Dylan Seeley	PJM Interconnection, LLC	Not Applicable
Ken Seiler	PJM Interconnection, LLC	Not Applicable
Jeffrey Shields	PJM Interconnection, LLC	Not Applicable
Jason Shoemaker	PJM Interconnection, LLC	Not Applicable
Mark Sims	PJM Interconnection, LLC	Not Applicable
Stan Sliwa	PJM Interconnection, LLC	Not Applicable
Michelle Souder	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
Phil Yum	PJM Interconnection, LLC	Not Applicable
Mohammed Shaikh	Plus Power	Not Applicable
Koushy Nareshkumar	Potomac Electric Power	Electric Distributor
Shadab Ali	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Reynaldo Noel Jeune	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Meagan Kuchan	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Horst Lehmann	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner

Steven Nadel
 Lindsay Orphanides
 Nick Pratt
 Cleveland Richards
 Amanda Rumsey
 Laura Yovanovich
 Ray DePillo
 Roseanne Circelli
 Garan Gunn
 Daniel Hutt
 Esam Khadr
 Leonid Lyakhovich
 Subomi Rahman
 Alex Stern
 Rafael Wilches
 Brandon Young
 Mahila Christopher
 Ray Mason
 Bryna VanBlargan
 Tom Hoatson
 Lubaba Islam
 Rollie Manganon
 Michael Yoder
 Karthik mekala
 Peter Jones
 James Okenfuss
 Christian Alva
 John Rohrbach
 Lisa Szot
 JJ Petti
 Jennifer Hohenshiit
 Brad Swalwell
 Kenneth Foladare
 Sriharsha Hari
 Brad Heisey
 Syed Ahmad
 Jessica Johnson
 Edrissa Cham
 Aaron Vander Vorst
 Chris Green
 Jeff Hudson
 Sonny Nguyen
 Erin Baker
 Ronnie Bailey
 Peter Nedwick
 Becky Robinson
 Christian Fuess
 Dave Berman
 Wendy Warren

PPL Electric Utilities Corp. dba PPL Utilities
 PSEG Energy Resources and Trade LLC
 Public Service Electric & Gas Company
 Public Utilities Commission of Ohio (The)
 ReliabilityFirst Corporation
 Resource Investments
 Riverside Generating, LLC
 Rockland Electric Company
 Rockland Electric Company
 RTO Insider
 RWE Renewables Americas, LLC
 Savion Energy
 Savion Energy
 Scout Clean Energy
 Southern Maryland Electric Cooperative
 Strata Clean Energy
 Sun Tribe Solar, LLC
 Talen Energy Marketing, LLC
 Tangent Energy Solutions, Inc.
 Tangibl
 Tenaska Power Services Co
 Tenaska Power Services Co
 The Federal Energy Regulatory Commission
 Timmons Group
 Tradewind Energy, Inc.
 Tradewind Energy, Inc.
 Tri Global Energy
 Urban Grid
 Urban Grid
 Vesper Energy Development LLC
 Virginia Electric & Power Company
 Virginia Electric & Power Company
 Vistra Energy
 White Pine Consulting LLC
 Wright & Talisman
 Wright & Talisman

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

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