

**November Planning Committee
Teleconference / WebEx
November 2, 2021
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 2, 2021 Planning Committee Agenda. No changes to the agenda were requested. .
3. Molly Mooney reviewed the draft October 5, 2021 Planning Committee meeting minutes and the committee approved the minutes.
4. Dave Souder reviewed the PC Charter. The committee will be requested to endorse the Charter at next month's meeting.

Endorsements (9:15 – 10:00)

5. 2021/2022– Winter Weekly Reserve Target
Patricio Rocha Garrido, PJM, reviewed the 2021/2022 Winter Weekly Reserve Target (WWRT) study results. **The committee endorsed the WWRT study results with an acclamation vote of 0 objections and 1 abstention.**
6. Manual 14B: PJM Region Transmission Planning Process Update
Michael Herman, PJM, provided a review of Manual 14B regarding the biennial cover to cover review. **The committee endorsed the Manual 14B changes with an acclamation vote of 0 objections and 14 abstentions.**
7. Manual 19: Load Forecasting and Analysis Update
John Reynolds, PJM, provided a review of Manual 19 regarding the biennial cover to cover review. **The committee endorsed the Manual 19 changes with an acclamation vote of 0 objections and 1 abstention.**
8. Manual 14F: Competitive Planning Process Update
Joseph Hay, PJM, provided a review of Manual 14F changes to the proposal fee structure to conform to the PJM Operating Agreement. **The committee endorsed the Manual 14F changes with an acclamation vote of 0 objections and 0 abstentions.**

First Reads ()

Informational Updates (10:00 – 12:00)

9. Generator Deliverability Proposal: Status and Next Steps
Jonathan Kern, PJM, provided an in-depth educational session for changes to generator deliverability test and related procedures. Proposed Manual 14A and 14B changes were posted with meeting materials.
10. PJM Interconnection Queue Status Update
Jason Shoemaker, PJM, reviewed an update of the PJM Interconnection Queues.
11. Capacity Interconnection Rights for ELCC Resources Update
Brian Chmielewski, PJM, provided an update on work being done during the PC special session on Capacity Interconnection Rights (CIR) for ELCC Resources.
Materials and upcoming meeting dates for special sessions can be found [here](#).
12. Interconnection Process Reform
Jack Thomas, PJM, provided an update on the Interconnection Process Reform Task Force.
Materials and upcoming meeting dates for task force can be found [here](#)
13. 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
 - Loadflow
 - PJM sends 2022 summer study case updates to PowerTech by November 5, 2021
 - Transmission Owners to provide 2022 summer study case trial 1 updates to PJM by November 18, 2021
 - PJM sends 2022 summer study case trial 1 updates to PowerTech by November 19, 2021
- RTEP
 - Loadflow
 - Transmission Owners submit trial 1 updates via Model on Demand, tie line updates via new SharePoint tool by November 19, 2021
 - Short Circuit
 - PJM is currently reviewing the files and data provided by Transmission Owners
 - The trial 1 2024 short circuit case will be posted in January 2022

Future Meeting Dates and Materials

Date	Time	Meeting (Location)	Materials Due to Secretary 	Materials Published
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Monday, November 8, 2021	3:00 p.m. – 5:00 p.m.	Special PC: CIR for ELCC Resources (WebEx)	Friday, October 29, 2021	Wednesday, November 3, 2021
Thursday, November 18, 2021	11:00 a.m. – 1:00 p.m.	Interconnection Process Reform Task Force (Webex)	Wednesday, November 10, 2021	Monday, November 15, 2021
Tuesday, November 23, 2021	1:00 p.m. – 4:00 p.m.	Special PC: CIR for ELCC Resources (WebEx)	Monday, November 15, 2021	Thursday, November 18, 2021
Tuesday, November 30, 2021	9:00 a.m. – 12:00 p.m.	Interconnection Process Reform Task Force (Webex)	Friday, November 19, 2021	Wednesday, November 24, 2021
Tuesday, November 30, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee (WebEx)	Thursday, November 18, 2021	Tuesday, November 23, 2021
Tuesday, December 7, 2021	1:00 p.m. – 5:00 p.m.	Interconnection Process Reform Task Force (Webex)	Monday, November 29, 2021	Thursday, December 2, 2021
Tuesday, December 14, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee (WebEx)	Thursday, December 2, 2021	Tuesday, December 7, 2021

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
Thomas Anderson	AEP Energy Partners, 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
Alexandros Lousos	American Municipal Power, Inc.	Electric Distributor
Rachel Elkins	American Transmission Systems, Inc.	Transmission Owner
Gary Fuerst	American Transmission Systems, Inc.	Transmission Owner
Ash Panegal	Apex Clean Energy	Not Applicable
Richard Seide	Apex Clean Energy	Not Applicable
David Canter	Appalachian Power Company	Transmission Owner
Takis Laios	Appalachian Power Company	Transmission Owner
Craig Lockwood	Appalachian Power Company	Transmission Owner
Pete Fuller	Autumn Lane Energy	Not Applicable
Becky Gallagher	Avangrid Renewables LLC	Generation Owner
Zelalem Tekle	Baltimore Gas and Electric	Transmission Owner
Hugh Scott	Baltimore Gas and Electric Company	Transmission Owner
Eric Yeh	Baltimore Gas and Electric Company	Transmission Owner
Diane Janicki	Boston Energy Trading and Marketing LLC	Generation Owner
Stephen Kelly	Brookfield Energy Marketing LP	Other Supplier
Hannah Muller	Clearway Energy LLC	Not Applicable
Bill Allen	Commonwealth Edison Company	Transmission Owner
Ron Regner	Commonwealth Edison Company	Transmission Owner
Walter Crenshaw	Community Energy	Not Applicable
Rehan Gilani	ConEdison Energy, Inc.	Other Supplier
Haibin Sun	Constellation Energy Services, Inc	Other Supplier
Guy Filomena	Customized Energy Solutions, Ltd.	Not Applicable
Carl Johnson	Customized Energy Solutions, Ltd.	Not Applicable
Jonathan Sasser	Customized Energy Solutions, Ltd.	Not Applicable
David Capparelli	Dakota Power Partners	Not Applicable
John Horstmann	Dayton Power & Light Company (The)	Transmission Owner
David Hastings	Dhast Co	Not Applicable
Marji Philips	Direct Energy Business, LLC	Other Supplier
Jim Davis	Dominion Energy Marketing, Inc.	Generation Owner
Tania Jones	Dominion Virginia Power	Transmission Owner
Derek Kou	Dominion Virginia Power	Transmission Owner
Bao Pham	Dominion Virginia Power	Transmission Owner
Gregory Pakela	DTE Energy Trading, Inc.	Other Supplier
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
Julie Mason	Duke Energy Ohio, Inc.	Transmission Owner
Iker Chocarro	E.ON Climate & Renewables North America, Inc.	Generation Owner
Darrin Adams	East Kentucky Power Cooperative, Inc.	Transmission Owner

Rick Drom	Eckert Seamans	Not Applicable
Rodica Donaldson	EDF Renewable	Not Applicable
Maguette Fall	EDF Renewable	Not Applicable
Jarett Contino	EDP Renewables North America LLC	Generation Owner
Marc Aurely	EN Engineering LLC	Not Applicable
Minnie Han	Enel Trading North America, LLC	Other Supplier
Gaurav Mehta	Enel Trading North America, LLC	Other Supplier
Gina Jardot	Essential Power, LLC	Generation Owner
Thomas Leeming	Exelon	Transmission Owner
Sharon Midgley	Exelon Business Services Company, LLC	Transmission Owner
Robert Taylor	Exelon Business Services Company, LLC	Transmission Owner
Kevin Thundiyil	Exelon Business Services Company, LLC	Transmission Owner
Tom Bainbridge	FirstEnergy Solutions Corp.	Transmission Owner
Jim Benchek	FirstEnergy Solutions Corp.	Transmission Owner
Lou D'Alessandris	FirstEnergy Solutions Corp.	Transmission Owner
Lawrence Hozempa	FirstEnergy Solutions Corp.	Transmission Owner
Jeff Stuchell	FirstEnergy Solutions Corp.	Transmission Owner
Emma Nix	Gabel and Associates	Not Applicable
Jodi Walters	Gabel and Associates	Not Applicable
Donna Robichaud	Geenex	Not Applicable
Lesley Williams	Geenex	Not Applicable
Sean Baur	GlidePath Development LLC	Not Applicable
Cesar Martinez	Gridforce Energy Management, LLC	Other Supplier
Tom Hyzinski	GT Power Group	Not Applicable
Rory Sweeney	GT Power Group	Not Applicable
Jeff Whitehead	GT Power Group	Not Applicable
Abbas Abed	Innergex Renewable USA LLC	Generation Owner
Sophia Dossin	Invenergy, LLC	Generation Owner
Rob Stupar	Invenergy, LLC	Generation Owner
John Kopinski	ITC Mid-Atlantic Development LLC	Other Supplier
Matt Keenan	J-Power USA	Not Applicable
Justin McNeil	Kentucky Government	Not Applicable
Fred Rohs	Landco	Not Applicable
Sandeep Arora	LS Power Transmission, LLC	Transmission Owner
Sharon Segner	LS Power Transmission, LLC	Transmission Owner
David Mabry	McNees Wallace & Nurick LLC	Not Applicable
Erik Hanser	Michigan Public Service Commission	Not Applicable
Alexandria Koeplinger	Michigan Public Service Commission	Not Applicable
Christin Domian	Mitsubishi Electric Power Products Inc.	Not Applicable
John Dadourian	Monitoring Analytics, LLC	Not Applicable
Radha Soorya	Navigant	Not Applicable
George Kogut	New York Power Authority	Other Supplier
David Davis	NextEra Energy Power Marketing, LLC	Generation Owner
Brian McArdle	NextEra Energy Transmission, LLC	Other Supplier
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
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
Douglas Dale	PECO Energy Company	Transmission Owner
Pulin Shah	PECO Energy Company	Transmission Owner
Regan Fink	Pine Gate Renewables	Not Applicable
Leo Amoling	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
Mike Bryson	PJM Interconnection, LLC	Not Applicable
Augustine Caven	PJM Interconnection, LLC	Not Applicable
Brian Chmielewski	PJM Interconnection, LLC	Not Applicable



Draft Minutes

As of November 8, 2021

Jason Connell	PJM Interconnection, LLC	Not Applicable
Becky Davis	PJM Interconnection, LLC	Not Applicable
Nicolae Dumitriu	PJM Interconnection, LLC	Not Applicable
David Egan	PJM Interconnection, LLC	Not Applicable
Tom Falin	PJM Interconnection, LLC	Not Applicable
Zhenyu Fan	PJM Interconnection, LLC	Not Applicable
Pauline Foley	PJM Interconnection, LLC	Not Applicable
Suzanne Glatz	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
Douglas Guignet	PJM Interconnection, LLC	Not Applicable
Joe Hay	PJM Interconnection, LLC	Not Applicable
Suzanne Herel	PJM Interconnection, LLC	Not Applicable
Michael Herman	PJM Interconnection, LLC	Not Applicable
Tim Horger	PJM Interconnection, LLC	Not Applicable
Jonathan Kern	PJM Interconnection, LLC	Not Applicable
Mark Kuras	PJM Interconnection, LLC	Not Applicable
Matt LaRocque	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
Amanda Martin	PJM Interconnection, LLC	Not Applicable
Paul McGlynn	PJM Interconnection, LLC	Not Applicable
Megan McLaverty	PJM Interconnection, LLC	Not Applicable
John Reynolds	PJM Interconnection, LLC	Not Applicable
Patricio Rocha-Garrido	PJM Interconnection, LLC	Not Applicable
Ken Schuyler	PJM Interconnection, LLC	Not Applicable
Ken Seiler	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
Natalie Tacka	PJM Interconnection, LLC	Not Applicable
Debbie Taraschi	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
Michael Ward	PJM Interconnection, LLC	Not Applicable
Jeanine Watson	PJM Interconnection, LLC	Not Applicable
Stuart Widom	PJM Interconnection, LLC	Not Applicable
Jeff Palermo	PJP Consulting	Not Applicable
Koushy Nareshkumar	Potomac Electric Power	Electric Distributor
Shadab Ali	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Homam Kamhia	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
Cleveland Richards	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Gary Greiner	PSEG Energy Resources and Trade LLC	Transmission Owner
Daniel Hutt	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
Rafael Wilches	Public Service Electric & Gas Company	Transmission Owner
Glenn Catenacci	Public Service Electric and Gas	Transmission Owner
Mahila Christopher	Public Utilities Commission of Ohio (The)	Not Applicable
Tyler Conklin	Public Utilities Commission of Ohio (The)	Not Applicable
Ray Mason	ReliabilityFirst Corporation	Not Applicable
Lubaba Islam	Rockland Electric Company	Transmission Owner
Michael Yoder	RTO Insider	Not Applicable
Bill Skumanich	RTR Energy Solutions LLC	Not Applicable
James Okenfuss	Savion Energy	Not Applicable
Mohamed El Chehaly	SNC-Lavalin	Not Applicable



Draft Minutes

As of November 8, 2021

Jennifer Hohenshilt
Hamid Kazerooni
Brad Swalwell
Kenneth Foladare
Brad Heisey
Boone Staples
Ibrahima Kalle
Derek Sunderman
Aaron Vander Vorst
Vince DeGiusto

Talen Energy Marketing, LLC
Talen Energy Marketing, LLC
Tangent Energy Solutions, Inc.
Tangibl
Tenaska Power Services Co
Tenaska Power Services Co
Tibiri Energies
Tradewind Energy
Tradewind Energy, Inc.
UGI Utilities, Inc.

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

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