

**March Planning Committee
Teleconference / WebEx
March 8, 2022
9:00 a.m. – 12:00 p.m. EPT**

Administration (9:00 – 9:15)

1. Dave Souder, PJM, called the meeting to order. Marilyn Jayachandran, PJM, reviewed the Antitrust, Code of Conduct, media participation, and WebEx guidelines.
2. Marilyn Jayachandran reviewed the March 8, 2022 Planning Committee agenda. No changes to the agenda were requested.
3. Marilyn Jayachandran reviewed the draft February 8, 2022 Planning Committee meeting minutes and the committee approved the minutes

Endorsements (9:15 – 9:30)

4. Deactivation Process Timing
Dave Egan, PJM, provided a second read of the proposed solution to the deactivation process timing issue. No changes have been made since the February first read.

The committee approved the issue charge and endorsed the proposed solution as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34. There were 148 Yes Votes, 2 No Votes, and 13 Abstain. The committee also approved the proposed solution over the status quo with 109 Yes Votes, 22 No Votes, and 26 Abstain.

First Reads (9:30 – 9:45)

5. Manual 14F: Competitive Planning Process Update
Joseph Hay, PJM, provided a first read of Manual 14F regarding the biennial cover-to-cover review. The committee will be asked to vote on the manual changes at next month's meeting.
6. Manual 21A: Determination of Accredited UCAP Using Effective Load Carrying Capability Analysis
Joshua Bruno, PJM, provided a first read of Manual 21A revisions regarding an ELCC model run timing update and changes to reflect the continuation of the current method to provide unit specific backcasts only as requested. The committee will be asked to approve an Issue Charge and endorse the proposed Manual 21A revisions as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 at next month's meeting.

Informational Updates (9:45– 10:30)

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

[Issue Tracking: CIRs for ELCC Resources](#)

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

8. Generator Deliverability Timeline Update
Jonathan Kern, PJM, provided a generator deliverability test update.
9. Interconnection Subcommittee Initiative
Jason Connell, PJM, discussed forming an Interconnection subcommittee to continue the discussion of interconnection process improvements after the work of the IPRTF concludes. A first read of the draft charter will be discussed at the April PC meeting.
10. Documenting the Appropriate UFLS Requirements Applicable to EKPC
Denise Foster Cronin, EKPC, provided an informational review of an OC Problem Statement and Issue Charge to appropriately document the under frequency relay requirements applicable to EKPC. The MRC and MC will be asked to endorse/approve the solution and corresponding OA revisions.
11. PJM Study - Illinois Clean Energy Jobs Act
Dave Egan, PJM, reviewed plans for a joint PJM/MISO Study on Illinois Clean Energy Jobs Act.
12. TTMS Charter Review
Gizella Mali, PJM, reviewed a draft version of the TTMS charter V2.
13. Reliability Compliance Update
Becky Davis, PJM, provided an update on the activities, issues and items of interest at NERC, SERC, and RF.
14. DEA Order Update
Pauline Foley, PJM, provided an update on the Commission's February 8 Order rejecting PJM's updated Compliance Filing (Docket # ER13-198)

Informational Posting

Model Build Activity Update

- MMWG
 - Dynamics
 - PJM received Powertech's data correction request for 20 seconds flat run on the MMWG 2021 series cases and is currently working on the request
- RTEP
 - Loadflow
 - The 2027 Light Load, Summer and Winter cases were delivered to PJM's Transmission Planning Department for review
 - Short Circuit
 - The 2024 RTEP Trial 2 case was delivered to the Transmission Owners on February 25, 2022

- 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

2021 RTEP Report Publication

[PJM's 2021 RTEP Report](#), documenting the studies and results required for reliability has been published to PJM.com. Contained within the 'Reports and Notices' section on PJM.com, this report includes key RTEP graphics and information.

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
Date	Time	Meeting (Location)		
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

Dave Souder (Chair)	PJM Interconnection, LLC	Not Applicable
Marilyn Jayachandran (Secretary)	PJM Interconnection, LLC	Not Applicable
Aaron Berner	PJM Interconnection, LLC	Not Applicable
Adrien Ford	Old Dominion Electric Cooperative	Electric Distributor
Alejandro Bautista	PJM Interconnection, LLC	Not Applicable
Alex Stern	Public Service Electric & Gas Company	Transmission Owner
Alex Worcester	PJM Interconnection, LLC	Not Applicable
Alexandros Lousos	American Municipal Power, Inc.	Electric Distributor
Amanda Rumsey	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Amber Dorner	ConEdison Energy, Inc.	Other Supplier
Amber Thomas	Exelon Business Services Company, LLC	Transmission Owner
Andrew Grieve	Pine Gate Renewables	Not Applicable
Andrew Levitt	PJM Interconnection, LLC	Not Applicable
Andrew Redding	Heelstone Renewable Energy	Not Applicable
Ankit Pahwa	Pattern Energy Group	Not Applicable
Anna Drake	PJM Interconnection, LLC	Not Applicable
Anuj Dixit	Recurrent Energy LLC	Generation Owner
Art Iler	American Municipal Power, Inc.	Electric Distributor
Aruna Ranaweera	Hecate Energy, LLC	Not Applicable
Augustine Caven	PJM Interconnection, LLC	Not Applicable
Awais Ghayas	Lightsource BP	Not Applicable
Azade Brahman	Orsted	Not Applicable
Bao Pham	Dominion Virginia Power	Transmission Owner

Becky Davis	PJM Interconnection, LLC	Not Applicable
Becky Robinson	Visra Energy	Not Applicable
Benjamin Greene	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Bill Squibb	Ohio Valley Electric	Generation Owner
Bob Moye	Commonwealth Chesapeake Company, LLC	Generation Owner
Brad Swalwell	Tangent Energy Solutions, Inc.	Other Supplier
Brian Chmielewski	PJM Interconnection, LLC	Not Applicable
Brian McArdle	NextEra Energy Transmission, LLC	Other Supplier
Brock Ondayko	Appalachian Power Company	Transmission Owner
Bryna VanBlargan	Resource Investments	Not Applicable
Carl Johnson	Customized Energy Solutions, Ltd.	Not Applicable
Christin Domian	Mitsubishi Electric Power Products Inc.	Not Applicable
Christine Ericson	Illinois Commerce Commission	Not Applicable
Christine Franks	PJM Interconnection, LLC	Not Applicable
Christopher Nekolny	Exelon Generation Co., LLC	Generation Owner
Chuck Dugan	East Kentucky Power Cooperative, Inc.	Transmission Owner
Cleveland Richards	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Conrad Paul	PJM Interconnection, LLC	Not Applicable
Craig Rutledge	Appalachian Power Company	Transmission Owner
Dan Benson	Duke Energy Ohio, Inc.	Transmission Owner
Daniel Bennett	PJM Interconnection, LLC	Not Applicable
Daniel Hutt	Public Service Electric & Gas Company	Transmission Owner
Darrin Adams	East Kentucky Power Cooperative, Inc.	Transmission Owner
Dave Johnston	Indiana Utility Regulatory Commission	Not Applicable
David Anders	PJM Interconnection, LLC	Not Applicable
David Davis	NextEra Energy Power Marketing, LLC	Generation Owner
David Egan	PJM Interconnection, LLC	Not Applicable
David Hastings	Dhast Co	Not Applicable
David Mabry	McNees Wallace & Nurick LLC	Not Applicable
David Schmitt	New Jersey Board of Public Utilities	Not Applicable
David Schweizer	PJM Interconnection, LLC	Not Applicable
Denise Foster Cronin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Derek Sunderman	Tradewind Energy	Not Applicable
Diane Janicki	Boston Energy Trading and Marketing LLC	Generation Owner
Divya Kurthakoti	Ocean Wind LLC	Not Applicable
Donna Robichaud	Genex	Not Applicable
Ed Achaab	AEP Energy Partners, Inc.	Other Supplier
Edrissa Cham	Tradewind Energy, Inc.	Not Applicable
Elaine Gao	LS Power Development, LLC	Transmission Owner

Emma Nix	Gabel and Associates	Not Applicable
Eric Bryant	FirstEnergy Solutions Corp	Transmission Owner
Erik Heinle	Office of the Peoples Counsel for the District of Columbia	End User Customer
Esam Khadr	Public Service Electric & Gas Company	Transmission Owner
Francisco Velez	Dominion Virginia Power	Transmission Owner
Fred Rohs	Landco	Not Applicable
Gabriella Hudis	Gabel and Associates	Not Applicable
Gary Fuerst	American Transmission Systems, Inc.	Transmission Owner
George Kogut	New York Power Authority	Other Supplier
Gerit Hull	American Municipal Power, Inc.	Electric Distributor
Gina Jardot	Essential Power, LLC	Generation Owner
Gizella Mali	PJM Interconnection, LLC	Not Applicable
Greg Carmean	OPSI	Not Applicable
Greg Poulos	CAPS	Not Applicable
Guy Filomena	Customized Energy Solutions, Ltd.	Not Applicable
Haibin Sun	Constellation Energy Services, Inc	Other Supplier
Hannah Muller	Clearway Energy LLC	Not Applicable
Heather Svenson	Public Service Electric & Gas Company	Transmission Owner
Horst Lehmann	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Ian Sharpe	Leeward Energy	Not Applicable
Jack Thomas	PJM Interconnection, LLC	Not Applicable
Jacqui Huges	Dominion Energy Marketing, Inc.	Generation Owner
James Okenfuss	Savion Energy	Not Applicable
Janessa Kent	Duquesne Light Company	Transmission Owner
Jason Barker	Exelon Business Services Company, LLC	Transmission Owner
Jason Procnuiar	Buckeye Power, Inc.	Electric Distributor
Jason Quevada	PJM Interconnection, LLC	Not Applicable
Jeff Stuchell	FirstEnergy Solutions Corp.	Transmission Owner
Jeff Whitehead	GT Power Group	Not Applicable
Jen Tribulski	PJM Interconnection, LLC	Not Applicable
Jennifer Hohenshilt	Talen Energy Marketing, LLC	Generation Owner
Jessica Johnson	Timmons Group	Not Applicable
Jim Benchek	FirstEnergy Solutions Corp.	Transmission Owner
Jim Davis	Dominion Energy Marketing, Inc.	Generation Owner
Jim Glennon	PJM Interconnection, LLC	Not Applicable
Jim Whitaker	TRC Companies	Not Applicable
Joe Hay	PJM Interconnection, LLC	Not Applicable
John Brodbeck	EDP Renewables North America LLC	Generation Owner
John Dadourian	Monitoring Analytics, LLC	Not Applicable

John Horstmann	Dayton Power & Light Company (The)	Transmission Owner
John Kopinski	ITC Mid-Atlantic Development LLC	Other Supplier
John Rainey	Northern Virginia Electric Cooperative	Electric Distributor
John Rohrbach	Southern Maryland Electric Cooperative	Electric Distributor
John Sturgeon	Duke Energy Carolinas, LLC	Other Supplier
Jonathan Kern	PJM Interconnection, LLC	Not Applicable
Jonathan Sasser	Customized Energy Solutions, Ltd.	Not Applicable
Joshua Bruno	PJM Interconnection, LLC	Not Applicable
Joshua York	LS Power Transmission, LLC	Transmission Owner
Julie Mason	Duke Energy Ohio, Inc.	Transmission Owner
Justin McNeil	Kentucky Government	Not Applicable
Kai Ni	PowerGEM	Not Applicable
Karthik mekala	RWE Renewables Americas, LLC	Not Applicable
Kat Burnham	Advanced Energy Economy	Not Applicable
Katharine McCormick	Illinois Commerce Commission	Not Applicable
Kathleen Wehnes	Maryland Public Service Commission	Not Applicable
Ken Schuyler	PJM Interconnection, LLC	Not Applicable
Kenneth Curtis	Drilling Info, Inc	Not Applicable
Kenneth Foadare	Tangibl	Not Applicable
Kevin Kilgallen	Avangrid Renewables LLC	Generation Owner
Kevin Thundiyl	Exelon Business Services Company, LLC	Transmission Owner
Koushy Nareshkumar	Potomac Electric Power	Electric Distributor
Larry Borum	Illinois Commerce Commission	Not Applicable
Laura Yovanovich	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Lawrence Hozempa	FirstEnergy Solutions Corp.	Transmission Owner
Leonid Lyakhovich	Public Service Electric & Gas Company	Transmission Owner
Lesley Williams	Geenex	Not Applicable
Lubaba Islam	Rockland Electric Company	Transmission Owner
Lynn Horning	Customized Energy Solutions, Ltd.	Not Applicable
Marc Aurely	EN Engineering LLC	Not Applicable
Matt Dillon	UGI Development	Not Applicable
Matt LaRocque	PJM Interconnection, LLC	Not Applicable
Matthew Keenan	Elwood Energy, LLC	Generation Owner
Megan McLaverty	PJM Interconnection, LLC	Not Applicable
Michael Cocco	Old Dominion Electric Cooperative	Electric Distributor
Michael Herman	PJM Interconnection, LLC	Not Applicable
Michael Yoder	RTO Insider	Not Applicable
Michele Greening	PJM Interconnection, LLC	Not Applicable
Michelle Souder	PJM Interconnection, LLC	Not Applicable

Mike Bryson	PJM Interconnection, LLC	Not Applicable
Mohamed Zahidi	PSEG Energy Resources and Trade LLC	Transmission Owner
Mohammed Shaikh	Plus Power	Not Applicable
Molly Mooney	PJM Interconnection, LLC	Not Applicable
Nabeel Aslam	PSEG Energy Resources and Trade LLC	Transmission Owner
Nebiat Tesfa	PJM Interconnection, LLC	Not Applicable
Nicolae Dumitriu	PJM Interconnection, LLC	Not Applicable
Patricio Rocha-Garrido	PJM Interconnection, LLC	Not Applicable
Patrick Grau	Dynegy Marketing and Trade, LLC	Generation Owner
Paul McGlynn	PJM Interconnection, LLC	Not Applicable
Paul Mills	Commonwealth Edison Company	Transmission Owner
Pauline Foley	PJM Interconnection, LLC	Not Applicable
Pete Fuller	Autumn Lane Energy	Not Applicable
Philip Sussler	Maryland Office of People's Council	Not Applicable
Pulin Shah	PECO Energy Company	Transmission Owner
Punnoose Cherian	Darby Energy, LLC	Other Supplier
Rafael Wilches	Public Service Electric & Gas Company	Transmission Owner
Rahul Kalaskar	AES Laurel Mountain, LLC	Generation Owner
Raj Roychowdhury	Dayton Power & Light Company (The)	Transmission Owner
Rajesh Bhana	Exelon Business Services Company, LLC	Transmission Owner
Regan Fink	Pine Gate Renewables	Not Applicable
Rehan Gilani	ConEdison Energy, Inc.	Other Supplier
Richard Corash	PSEG Energy Resources and Trade LLC	Transmission Owner
Richard Marinelli	Public Service Electric & Gas Company	Transmission Owner
Richard Seide	Apex Clean Energy	Not Applicable
Rob Stupar	Invenergy, LLC	Generation Owner
Robert Taylor	Exelon Business Services Company, LLC	Transmission Owner
Rollie Mangonon	Rockland Electric Company	Transmission Owner
Ron Carrier	Direct Energy Business, LLC	Other Supplier
Ron Regner	Commonwealth Edison Company	Transmission Owner
Ronnie Bailey	Virginia Electric & Power Company	Transmission Owner
Roosbeh Shegarfi	Exelon Generation Co., LLC	Generation Owner
Rory Sweeney	GT Power Group	Not Applicable
Rowen VonPlagenhoef	The Charles River Associates	Not Applicable
Ruchi Singh	ENGIE Resources, LLC	Other Supplier
Ryan Dolan	Dayton Power & Light Company (The)	Transmission Owner
Scott Baker	PJM Interconnection, LLC	Not Applicable
Scott Sells	East Kentucky Power Cooperative, Inc.	Transmission Owner
Shadab Ali	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner

Sharon Midgley	Exelon Business Services Company, LLC	Transmission Owner
Shaun Murphy	PJM Interconnection, LLC	Not Applicable
Shukul Mazari	Savion Energy	Not Applicable
Sriharsha Hari	Tenaska Power Services Co	Generation Owner
Stephen Kelly	Brookfield Energy Marketing LP	Other Supplier
Steve Steinkuhl	Duke Energy Business Services LLC	Transmission Owner
Steven Arabia	LS Power Development, LLC	Transmission Owner
Steven Nadel	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Stuart Widom	PJM Interconnection, LLC	Not Applicable
Susan Stanfill	Pine Gate Renewables	Not Applicable
Suzanne Glatz	PJM Interconnection, LLC	Not Applicable
Suzanne Herel	PJM Interconnection, LLC	Not Applicable
Takis Laios	Appalachian Power Company	Transmission Owner
Tania Jones	Dominion Virginia Power	Transmission Owner
Terry Gates	Appalachian Power Company	Transmission Owner
Thomas Leeming	Exelon	Transmission Owner
Tom Bainbridge	FirstEnergy Solutions Corp.	Transmission Owner
Tom Falin	PJM Interconnection, LLC	Not Applicable
Tom Hoatson	Riverside Generating, LLC	Other Supplier
Tom Hyzinski	GT Power Group	Not Applicable
Tomas Rodriguez	OPSI	Not Applicable
Tomas Rodriguez	Organization of PJM States, Inc.	Not Applicable
Tyler Berton	American Electric Power	Transmission Owner
Vince DeGiusto	UGI Utilities, Inc.	Transmission Owner
Vincent Stefanowicz	PJM Interconnection, LLC	Not Applicable
William Jett	Duke Energy Business Services LLC	Transmission Owner
Yang Chen	PJM Interconnection, LLC	Not Applicable
Yang Wang	NiSource Inc	Not Applicable
Yiming Mao	PJM Interconnection, LLC	Not Applicable
Zachary Callen	Illinois Commerce Commission	Not Applicable
Zelalem Tekle	Baltimore Gas and Electric	Transmission Owner