

February Planning Committee
Teleconference / WebEx
February 9, 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 February 9, 2021 Planning Committee Agenda. No changes to the agenda were requested. Dave Souder noted that the informational posting item on load impacts from Covid-19 will no longer be shared on a monthly basis as recent impacts have been small. PJM will monitor impacts internally and share noteworthy changes with the Planning Committee. A request to move the September PC meeting was made and will be considered after reviewing the stakeholder calendar.
3. Molly Mooney reviewed the draft minutes posted for the January 11, 2021 meeting and the Planning Committee approved the minutes.

Endorsements (9:15 – 10:30)

4. CISO Update
Mike Herman, PJM, reviewed the PJM proposal to address Mitigation and Avoidance of future CIP-014 facilities, including revisions to associated manual language. A draft version of associated Mitigation OA language was posted with meeting materials for informational purposes.
 - A. The committee first voted on the Avoidance package and associated manual language. The committee used the voting application due to accuracy issues with the acclimation vote.
The Avoidance package and associated manual language passed with 77% support. There were 127 Yes votes, 38 No votes, and 22 Abstentions. When asked if stakeholders preferred the Avoidance package over the status quo, the vote passed with 61% support. There were 101 Yes votes, 64 No votes, and 21 Abstentions.
 - B. **The Mitigation package passed with 61% support. There were 101 Yes votes, 64 No votes, and 20 Abstentions. When asked if stakeholders preferred the Mitigation package over the status quo, the vote passed with 60% support. There were 101 Yes votes, 66 No votes, and 17 Abstentions.**

[Issue Tracking: Critical Infrastructure Stakeholder Oversight](#)

5. TO/TOP Matrix V15
Mark Kuras, PJM, reviewed the proposed changes to the TO/TOP Matrix. **The committee vote to provide a recommendation to the TOA-AC to approve the Draft TO/TOP Matrix V15 passed with 100% support. There were 164 Yes votes, 0 No votes, and 2 Abstentions.**

First Reads (10:30 – 11:15)

6. CIR Problem Statement/Issue Charge
Jonathan Kern, PJM, provided a first read of a problem statement and issue charge to address the Capacity Interconnection Rights of variable resources. Stakeholders asked questions and provided feedback. Depending on the level of feedback, the committee will be asked to vote on the issue charge at its next meeting.

Informational Updates (11:15 – 12:00)

7. Remedial Action Scheme Retirement
Alan Engelmann, ComEd, reviewed the removal of the Special Protection Systems (SPS) / Remedial Action Schemes (RAS) at Elgin Energy Center and Kincaid.
8. Reliability Compliance Update
Becky Davis, PJM, provided an update on the activities, issues and items of interest at NERC, SERC, and RF.
9. Dynamic Line Rating
Shaun Murphy, PJM, provided an update on recent Dynamic Line Ratings discussions and PJM's plans to track and coordinate future stakeholder discussions.

Informational Posting

Model Build Activity Update

2021 Series RTEP

- Powerflow – PJM is currently building the Trial 3 (Pre-Final) cases with the feedback provided by the Transmission Owners on January 15, 2021; PJM staff will internally review the cases through February 2021
- Short Circuit – PJM is currently building the Trial 2 2023 case and will post it by February 12, 2021

Recent Load Impacts

The estimated Covid-19 impacts on recent loads are posted with today's materials.

Future Meetings

Friday, February 19, 2021	10:30 a.m. – 12:30 p.m.	CISO Meeting	WebEx
Friday, March 5, 2021	9:00 a.m. – 4:00 p.m.	Interconnection Process Workshop #4	WebEx
Tuesday, March 9, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee	WebEx
Tuesday, April 6, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee	WebEx
Tuesday, May 11, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee	WebEx
Tuesday, June 8, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee	WebEx
Tuesday, July 13, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee	TBD
Tuesday, August 10, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee	TBD
Wednesday, September 8, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee	TBD
Tuesday, October 5, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee	TBD
Tuesday, November 2, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee	TBD
Tuesday, November 30, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee	TBD

Attendance List

David Souder (Chair)	PJM Interconnection, LLC	Not Applicable
Molly Mooney (Secretary)	PJM Interconnection, LLC	Not Applicable
Rebecca Marcotte	Acciona Energy North America Corporation	Generation Owner
Leslie Padilla	Acciona Energy North America Corporation	Generation Owner
Ed Achaab	AEP Energy Partners, Inc.	Other Supplier
Tyler Berton	American Electric Power	Transmission Owner
Steven Lieberman	American Municipal Power, Inc.	Electric Distributor
Rachel Elkins	American Transmission Systems, Inc.	Transmission Owner
Gary Fuerst	American Transmission Systems, Inc.	Transmission Owner
Theodore Paradise	Anbaric	Not Applicable
Brock Ondayko	Appalachain Power Company	Transmission Owner
Terry Gates	Appalachian Power Company	Transmission Owner
Takis Laios	Appalachian Power Company	Transmission Owner
Brinda Malladi	Arevon Energy Management	Not Applicable
Kevin Kilgallen	Avangrid Renewables LLC	Generation Owner
Hugh Scott	Baltimore Gas and Electric Company	Transmission Owner
Tom Jens	Black Oak Energy, LLC	Other Supplier
Ron Pezon	Borough of Chambersburg	Electric Distributor
Diane Janicki	Boston Energy Trading and Marketing LLC	Generation Owner
Stephen Kelly	Brookfield Energy Marketing LP	Other Supplier
Greg Poulos	CAPS	Not Applicable
Bill Allen	Commonwealth Edison Company	Transmission Owner
Alan Engelmann	Commonwealth Edison Company	Transmission Owner
Paul Mills	Commonwealth Edison Company	Transmission Owner
Ron Regner	Commonwealth Edison Company	Transmission Owner
Rehan Gilani	ConEdison Energy, Inc.	Other Supplier
Haibin Sun	Constellation Energy Services, Inc	Other Supplier
Barbara Veety	Consult One	Not Applicable
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
Ryan Dolan	Dayton Power & Light Company (The)	Transmission Owner
John Horstmann	Dayton Power & Light Company (The)	Transmission Owner
Raj Roychowdhury	Dayton Power & Light Company (The)	Transmission Owner
Bruce Bleiweis	DC Energy, LLC	Other Supplier
David Hastings	Dhast Co	Not Applicable
Tania Jones	Dominion Virginia Power	Transmission Owner
Derek Kou	Dominion Virginia Power	Transmission Owner
Kyle Thomas	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
Jeff Baker	Duke Energy Ohio, Inc.	Transmission Owner
Dan Benson	Duke Energy Ohio, Inc.	Transmission Owner
Julie Mason	Duke Energy Ohio, Inc.	Transmission Owner
Gian Alian	Duquesne Light Company	Transmission Owner
Joe Pilch	Duquesne Light Company	Transmission 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
Paul Sotkiewicz	E-Cubed Policy Associates	Not Applicable
John Brodbeck	EDP Renewables North America LLC	Generation Owner
Jarett Contino	EDP Renewables North America LLC	Generation Owner
Gaurav Mehta	Enel Trading North America, LLC	Other Supplier
Gina Jardot	Essential Power, LLC	Generation Owner
Thomas Leeming	Exelon	Transmission Owner
Rajesh Bhana	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 Thundiyl	Exelon Business Services Company, LLC	Transmission Owner
Roozbeh Shegarfi	Exelon Generation Co., LLC	Generation Owner
Tom Bainbridge	FirstEnergy Solutions Corp.	Transmission Owner
Jim Benchek	FirstEnergy Solutions Corp.	Transmission Owner
Jay Salem	FirstEnergy Solutions Corp.	Transmission Owner
Jeff Stuchell	FirstEnergy Solutions Corp.	Transmission Owner
Neil Kirby	GE Grid Solutions	Not Applicable
Tom Hyzinski	GT Power Group	Not Applicable
Rory Sweeney	GT Power Group	Not Applicable
Jeff Whitehead	GT Power Group	Not Applicable
Christine Ericson	Illinois Commerce Commission	Not Applicable
Mike Gahimer	IN Office of Utility Consumer Counselor	End User Customer
Brandon Bowen	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
David Mabry	McNees Wallace & Nurick LLC	Not Applicable
Erik Hanser	Michigan Public Service Commission	Not Applicable
Christin Domian	Mitsubishi Electric Power Products Inc.	Not Applicable
John Dadourian	Monitoring Analytics, LLC	Not Applicable
Cullen Howe	Natural Resources Defense Council	Not Applicable
George Kogut	New York Power Authority	Other Supplier
David Davis	NextEra Energy Power Marketing, LLC	Generation Owner
Gabriel Hollis	NextEra Energy Transmission, LLC	Other Supplier
Raul Perez	NextEra Energy Transmission, LLC	Other Supplier
Jung Suh	Noble Americas Energy Solutions LLC	Other Supplier
Mike Dailey	Northern Virginia Electric Cooperative	Electric Distributor
John Rainey	Northern Virginia Electric Cooperative	Electric Distributor
Brian Kauffman	NRG Curtailment Solutions	Other Supplier
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
Regina Carrado	PECO Energy Company	Transmission Owner
Pulin Shah	PECO Energy Company	Transmission Owner
Andrew Grieve	Pine Gate Renewables	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
Mike Bryson	PJM Interconnection, LLC	Not Applicable
Yang Chen	PJM Interconnection, LLC	Not Applicable
Brian Chmielewski	PJM Interconnection, LLC	Not Applicable
Jason Connell	PJM Interconnection, LLC	Not Applicable
Paul Dajewski	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
Janell Fabiano	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
Andrew Gledhill	PJM Interconnection, LLC	Not Applicable
Jim Glennon	PJM Interconnection, LLC	Not Applicable
Michele Greening	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
Eric Hsia	PJM Interconnection, LLC	Not Applicable

Anupama Janapareddy	PJM Interconnection, LLC	Not Applicable
Jonathan Kern	PJM Interconnection, LLC	Not Applicable
Richard Konowal	PJM Interconnection, LLC	Not Applicable
Ed Kovler	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
Susan McGill	PJM Interconnection, LLC	Not Applicable
Paul McGlynn	PJM Interconnection, LLC	Not Applicable
Megan McLaverty	PJM Interconnection, LLC	Not Applicable
Nancy Muhl	PJM Interconnection, LLC	Not Applicable
Shaun Murphy	PJM Interconnection, LLC	Not Applicable
Wenzheng Qiu	PJM Interconnection, LLC	Not Applicable
Ken Schuyler	PJM Interconnection, LLC	Not Applicable
Ken Seiler	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
Christina Stotesbury	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
Shadab Ali	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Russell Dehaut	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
John Feller	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Horst Lehmann	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Steven Nadel	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Alexa Rooney	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Amanda Rumsey	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Christopher Szmodis	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Gary Greiner	PSEG Energy Resources and Trade LLC	Transmission Owner
Cameron DeAngelis	Public Service Electric & Gas Company	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
Mahila Christopher	Public Utilities Commission of Ohio (The)	Not Applicable
Debbie Gebolys	Public Utilities Commission of Ohio (The)	Not Applicable
Tom Hoatson	Riverside Generating, LLC	Other Supplier
Lubaba Islam	Rockland Electric Company	Transmission Owner
Rollie Mangonon	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
Sean Chang	Shell Energy North America (US), LP	Other Supplier
John Rohrbach	Southern Maryland Electric Cooperative	Electric Distributor
Jennifer Hohenshiit	Talen Energy Marketing, LLC	Generation Owner
Kenneth Foladare	Tangibl	Not Applicable
Brad Heisey	Tenaska Power Services Co	Generation Owner
Vince DeGiusto	UGI Utilities, Inc.	Transmission Owner
Adam Weber	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Mike Jacobs	Union of Concerned Scientists	Not Applicable
Neil Joshipura	Virginia State Corporation Commission	Not Applicable
Ronnie Bailey	Virginia Electric & Power Company	Transmission Owner
Becky Robinson	Vistra Energy	Not Applicable
James Wilson	Wilson Energy Economics	Not Applicable

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