

**August Planning Committee
Teleconference / WebEx
August 4, 2020
9:30 a.m. – 11:50 a.m. EPT**

Administration (9:30 – 9:45)

1. Dave Souder, PJM, called the meeting to order after a brief delay due to technical issues. Molly Mooney, PJM, reviewed the Antitrust, Code of Conduct, media participation, and WebEx guidelines.
2. Molly Mooney reviewed the August 4, 2020 Planning Committee Agenda. Dave Souder noted that agenda item 6 regarding Manual 14C updates will be postponed until September so that changes will coincide with the scheduled cover to cover review of the manual. An announcement was made regarding two upcoming training sessions for Pre Queue and Post ISA education sessions. No changes to the agenda were requested.
3. Molly Mooney reviewed the draft minutes posted for the July 7th, 2020 meeting and the Planning Committee approved the minutes.

Endorsements (9:45 – 10:15)

4. Load Model Selection
Patricio Rocha-Garrido, PJM, presented the results of the Load Model selection process for the 2020 Reserve Requirement Study. **The committee endorsed the Load Model selection with an acclamation vote of 0 objections and 1 abstention.**
5. Manual 14A, B and G Changes
Onyinye Caven, PJM, presented changes to Manuals 14A, 14B and 14G in relation to the FERC's Order on PJM's Order 845 Second Compliance Filing. **The committee endorsed the Manual 14A, 14B, and 14G changes with an acclamation vote of 0 objections and 0 abstentions.**

First Reads ()

6. ~~Manual 14C Update~~ (Postponed until September Planning Committee meeting)
~~Mark Sims, PJM, will provide a first read of changes to Manual 14C: Generation and Transmission Interconnection Facility Construction, to enhance the cost and status tracking language for baseline and supplemental projects~~

Informational Updates (10:15 – 11:50)

7. State Agreement Approach
Mark Sims, PJM, provided an informational presentation on the PJM State Agreement Approach. After stakeholder discussion, a request to provide examples with additional details was made for the next Planning Committee discussion.
8. Recent Load Impacts
Andrew Gledhill, PJM, presented the estimated Covid-19 impacts on recent loads.

9. Interconnection Study Statistics

Susan McGill, PJM, presented the interconnection study statistics for the first half of 2020, which are required under Order 845.

10. FERC Update - Compliance Filing Ordered in Docket No. EL19-91-000

Pauline Foley, PJM, discussed the Commission's June 18, 2020 Order in Docket No. EL19-91-000 regarding immediate-need reliability exemptions, including the compliance directives.

11. Critical Infrastructure Stakeholder Update

Joe Hay, PJM, discussed the work being done at the most recent Critical Infrastructure Stakeholder Oversight Special Planning Committee sessions.

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

12. Storage As Transmission Asset Update

Michele Greening, PJM, discussed work being done at the most recent Storage As Transmission Asset Special Planning Committee sessions.

[Issue Tracking: Storage As a Transmission Asset](#)

Informational Posting

Model Build Activity Update

2020 Series MMWG

- Powerflow – The 2020 series MMWG Trial 1 case updates were submitted to Powertech on Friday July 31, 2020; Powertech will provide Trial 2 cases by Friday August 7, 2020; the Transmission Owners will submit updates for the Trial 2 cases by Friday August 14, 2020; PJM will submit Trial 2 updates to Powertech by Friday August 21, 2020; Powertech will provide Trial 3 cases by Friday August 28, 2020.

2021 Series RTEP

- Powerflow – PJM will send the Trial 0 seedcase to the Transmission Owners by Tuesday August 25, 2020
- Short Circuit – PJM will send the Master Tie Line workbook to the Transmission Owners by Friday August 7, 2020; the Transmission Owners will provide updates by Friday August 21, 2020; PJM will send the Trial 0 case to the Transmission Owners by Friday September 4, 2020

2020 Work Plan

The Planning Committee 2020 work plan with additional granularity to end dates is posted with today's materials.

Future Meeting Dates

Thursday, August 06, 2020	1:00 p.m. – 4:00 p.m.	Special PC: Storage As a Transmission Asset	WebEx
Friday, August 14, 2020	1:00 p.m. – 3:00 p.m.	Special PC: Critical Infrastructure	WebEx
Monday, August 17, 2020	1:00 p.m. – 3:00 p.m.	Special PC: Pre Queue Education Session	WebEx
Monday, August 24, 2020	1:00 p.m. – 4:00 p.m.	Special PC: Storage As a Transmission Asset	WebEx
Tuesday, September 01, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	WebEx
Tuesday, September 22, 2020	9:00 a.m. – 12:00 p.m.	Special PC: Critical Infrastructure	WebEx
Tuesday, September 22, 2020	1:00 p.m. – 3:00 p.m.	Special PC: Post ISA Education Session	WebEx
Friday, September 25, 2020	9:00 a.m. – 12:00 p.m.	Special PC: Storage As a Transmission Asset	WebEx
Tuesday, October 06, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Thursday, October 22, 2020	1:00 p.m. – 4:00 p.m.	Special PC: Storage As a Transmission Asset	PJM Conference & Training Center/ WebEx
Wednesday, November 04, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Tuesday, December 01, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx

Attendance List

David Souder (Chair)	PJM Interconnection, LLC	Not Applicable
Molly Mooney (Secretary)	PJM Interconnection, LLC	Not Applicable
Ed Achaab	AEP Energy Partners, Inc.	Other Supplier
Tyler Berton	American Electric Power	Not Applicable
Ryan Dolan	American Municipal Power	Electric Distributor
Art ler	American Municipal Power, Inc.	Electric Distributor
Gary Fuerst	American Transmission Systems, Inc.	Transmission Owner
Brock Ondayko	Appalachain Power Company	Transmission Owner
David Canter	Appalachian Power Company	Transmission Owner
Takis Laios	Appalachian Power Company	Transmission Owner
Kevin Kilgallen	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
Ron Pezon	Borough of Chambersburg	Electric Distributor
Brian Vayda	Borough of Park Ridge	Electric Distributor
Diane Janicki	Boston Energy Trading and Marketing LLC	Generation Owner
Greg Poulos	CAPS	Not Applicable
Paul Mills	Commonwealth Edison Company	Transmission Owner
Ronald Regner	Commonwealth Edison Company	Transmission Owner
Rehan Gilani	ConEdison Energy, Inc.	Other Supplier
Haibin Sun	Constellation Energy Services, Inc	Other Supplier
Guy Filomena	Customized Energy Solutions, Ltd.	Not Applicable
Lynn Marie Horning	Customized Energy Solutions, Ltd.	Not Applicable
Carl Johnson	Customized Energy Solutions, Ltd.	Not Applicable
Jonathan Sasser	Customized Energy Solutions, Ltd.	Not Applicable
Tim Bockhorn	Dayton Power & Light Company (The)	Transmission Owner
John Horstmann	Dayton Power & Light Company (The)	Transmission Owner
Joe DeLosa	DE Public Service Commission	Not Applicable
Ruth Ann Price	Division of the Public Advocate of the State of Delaware	End User Customer
Jim Davis	Dominion Energy Marketing, Inc.	Generation Owner
Kyle Hannah	Dominion Virginia Power	Transmission Owner
Tania Jones	Dominion Virginia Power	Transmission Owner
Connie Lowe	Dominion Virginia Power	Not Applicable
Yajun Zheng	Dominion Virginia Power	Transmission Owner
Ryen Lawson	Dominion Virginia Power	Not Applicable
Christopher Wise	Dominion Virginia Power	Transmission Owner
William Jett	Duke Energy Business Services LLC	Transmission Owner
Steve Steinkuhl	Duke Energy Business Services LLC	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
Iker Chocarro	E.ON Climate & Renewables North America, Inc.	Generation Owner
Darrin Adams	East Kentucky Power Cooperative, Inc.	Transmission Owner
Michael Norman	East Kentucky Power Cooperative, Inc.	Transmission Owner
John Brodbeck	EDP Renewables North America, LLC	Other Supplier
Gaurav Mehta	Enel Trading North America, LLC	Other Supplier
Malcolm Ainspan	Energy Curtailment Specialists, Inc.	Not Applicable
Bruce Campbell	EnergyConnect, Inc.	Other Supplier
Thomas Leeming	Exelon	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
Jim Benchek	FirstEnergy Solutions Corp.	Transmission Owner
Lou D'Alessandris	FirstEnergy Solutions Corp.	Transmission Owner
Larre Hozempa	FirstEnergy Solutions Corp.	Transmission Owner
Jay Salem	FirstEnergy Solutions Corp.	Transmission Owner
Jeff Stuchell	FirstEnergy Solutions Corp.	Transmission Owner

Emma Nix	Gabel and Associates	Not Applicable
Donna Robichaud	Geenex	Not Applicable
Tom Hyzinski	GT Power Group	Not Applicable
Rory Sweeney	GT Power Group	Not Applicable
Randy Rismiller	Illinois Commerce Commission	Not Applicable
Dave Johnston	Indiana Utility Regulatory Commission	Not Applicable
Joshua York	LS Power Transmission, LLC	Transmission Owner
David Mabry	McNees Wallace & Nurick LLC	Not Applicable
Christin Domian	Mitsubishi Electric Power Products Inc.	Not Applicable
Cynthia Holland	New Jersey Board of Public Utilities	Not Applicable
Emily Smithman	New Jersey Board of Public Utilities	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
Frederico Von Pinho	NextEra Energy Transmission, LLC	Other Supplier
John Rainey	Northern Virginia Electric Cooperative	Electric Distributor
Erik Heinle	Office of the Peoples Counsel for the District of Columbia	End User Customer
Yohannes Mariam	Office of the Peoples Counsel for the District of Columbia	End User Customer
Tom Schmidt	Ohio Electric Cooperatives	Not Applicable
Michael Cocco	Old Dominion Electric Cooperative	Electric Distributor
Adrien Ford	Old Dominion Electric Cooperative	Electric Distributor
Bill Pezalla	Old Dominion Electric Cooperative	Electric Distributor
Gregory Carmean	OPSI	Not Applicable
Tomas Rodriguez	OPSI	Not Applicable
Karan Joshi	Pattern Energy Group	Not Applicable
Ankit Pahwa	Pattern Energy Group	Not Applicable
Pulin Shah	PECO Energy Company	Transmission Owner
Jiyeon Kim	PEPCO Holdings, Inc.	Transmission Owner
Stephen Zelvis	PEPCO Holdings, Inc.	Transmission Owner
David Anders	PJM Interconnection, LLC	Not Applicable
Aaron Berner	PJM Interconnection, LLC	Not Applicable
Onyinye Caven	PJM Interconnection, LLC	Not Applicable
Joe Ciabattoni	PJM Interconnection, LLC	Not Applicable
Jason Connell	PJM Interconnection, LLC	Not Applicable
Becky Davis	PJM Interconnection, LLC	Not Applicable
James Dolan	PJM Interconnection, LLC	Not Applicable
Ilyana Dropkin	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
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
Jack Keegan	PJM Interconnection, LLC	Not Applicable
Matthew LaRocque	PJM Interconnection, LLC	Not Applicable
Susan McGill	PJM Interconnection, LLC	Not Applicable
Shaun Murphy	PJM Interconnection, LLC	Not Applicable
Medha Pai	PJM Interconnection, LLC	Not Applicable
Darlene Phillips	PJM Interconnection, LLC	Not Applicable
John Reynolds	PJM Interconnection, LLC	Not Applicable
Patricio Rocha-Garrido	PJM Interconnection, LLC	Not Applicable
Ken Seiler	PJM Interconnection, LLC	Not Applicable
Mark Sims	PJM Interconnection, LLC	Not Applicable
Harliv Singh	PJM Interconnection, LLC	Not Applicable
Michelle Souder	PJM Interconnection, LLC	Not Applicable
Mark Stanisiz	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



Draft Minutes

Xu Xu
 Koushy Nareshkumar
 Shadab Ali
 John Feller
 Meagan Kuchan
 Amanda Rumsey
 Gary Greiner
 John Dempsey
 Daniel Hutt
 Esam Khadr
 Leonid Lyakhovich
 Alex Stern
 Heather Svenson
 Caroline Tkachuk
 Mahila Christopher
 Ray Mason
 Tom Hoatson
 Lubaba Islam
 Rollie Mangonon
 Michael Yoder
 Bill Skumanich
 John Rohrbach
 John Branch
 Brad Swalwell
 Kenneth Foladare
 John Sillin
 Clifford Sikora
 Eric Sorber
 Adam Weber
 Ronnie Bailey
 Becky Robinson
 James Wilson
 Mike Jacobs

PJM Interconnection, LLC
 Potomac Electric Power
 PPL Electric Utilities Corp. dba PPL Utilities
 PPL Electric Utilities Corp. dba PPL Utilities
 PPL Electric Utilities Corp. dba PPL Utilities
 PPL Electric Utilities Corp. dba PPL Utilities
 PSEG Energy Resources and Trade LLC
 Public Service Electric & Gas Company
 Public Service Electric & Gas Company
 Public Service Electric & Gas Company
 Public Service Electric & Gas Company
 Public Service Electric & Gas Company
 Public Service Electric & Gas Company
 Public Utilities Commission of Ohio (The)
 ReliabilityFirst Corporation
 Riverside Generating, LLC
 Rockland Electric Company
 Rockland Electric Company
 RTO Insider
 RTR Energy Solutions LLC
 Southern Maryland Electric Cooperative
 SunCoke Energy, Inc.
 Tangent Energy Solutions, Inc.
 Tangibl
 The Federal Energy Regulatory Commission
 Troutman
 UGI Utilities, Inc.
 Union Electric Company d/b/a Ameren Missouri
 Virginia Electric & Power Company
 Vistra Energy
 Wilson Energy Economics
 Xtreme Power

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

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