

**September Planning Committee
Teleconference / WebEx
September 1, 2020
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. Dave Souder noted that agenda item 5 listed as a first read will be an informational update and there were no objections. Molly Mooney reviewed the rest of the September 1, 2020 Planning Committee Agenda. No other changes to the agenda were requested.
3. Molly Mooney reviewed the draft minutes posted for the August 4th, 2020 meeting and the Planning Committee approved the minutes.

Endorsements ()

First Reads (9:15 – 10:15)

4. 2020 Installed Reserve Margin Study Results
Patricio Rocha Garrido, PJM, reviewed the 2020 Reserve Requirement Study results (IRM, FPR). The Committee will be requested to endorse the study results at its next meeting.
5. Critical Infrastructure Stakeholder Update
Christina Stotesbury, PJM, provided an update on CISO activities and reviewed poll results. The Critical Infrastructure Oversight (CISO) update, was changed from a first read to an informational update for the following reasons:
 - Package E (CAPS/OPC-DC) was determined to be out of scope based on the revised May CISO Issue Charge
 - The poll indicated additional training is required on Maximum Credible Analysis concept, and
 - The poll results indicate additional time is required to build consensus for the Mitigation Component

The CISO Update will be added to the October PC as a first read.

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

Informational Updates (10:15 – 12:00)

6. Remedial Action Scheme Retirement
Chris Szmodis, PPL, reviewed the retirement of the Susquehanna Catty Corner RAS.
7. Preliminary 2021 Project Budget
Jim Snow, PJM, reviewed the Preliminary 2021 Project Budget.

8. PJM 3-Party Service Agreement Update
Alejandro Bautista, PJM, provided an update on streamlining PJM 3-party service agreement appendix 1 definitions.
9. State Agreement Approach
Mark Sims, PJM, continued the informational discussions on the PJM State Agreement Approach.
10. Recent Load Impacts
Andrew Gledhill, PJM, presented the estimated Covid-19 impacts on recent loads.
11. Reliability Compliance Update
Mark Kuras, PJM, provided an update on the activities, issues and items of interest at NERC, SERC, and RF.
12. FERC Update – Compliance Filing in Docket No. ER19-1958-000
Pauline Foley, PJM, discussed the compliance filing due on September 18, 2020.
13. Post-MRC Discussion Regarding PMUs
Mark Stanisz, PJM, addressed certain legal issues in the area of authority regarding phasor measurement units (PMUs) that arose at the August 20 MRC meeting.
14. Geomagnetic Disturbance Update
Stan Sliwa, PJM, provided an update on efforts being made to PJM Planning processes in light of NERC Reliability Standard TPL-007-4: Transmission System Planned Performance for Geomagnetic Disturbance Events.
15. 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](#)
16. Capacity Capability Senior Task Force Update
Andrew Levitt, PJM, provided an overview on the Effective Load Carrying Capability (ELCC) data submission requirements and applicable deadlines by delivery year for intermittent and limited duration resources.

Informational Posting

Model Build Activity Update

2020 Series MMWG

- Powerflow – Powertech will provide Trial 3 cases to PJM by Friday August 28, 2020; Transmission Owners to submit Trial 3 updates and Data Dictionary to PJM by Friday September 11, 2020; PJM submit Trial 3 updates and Data Dictionary to Powertech by Friday September 18, 2020
- Dynamics – Transmission Owners to submit dynamic device and load models to PJM by Friday September 25, 2020

2021 Series RTEP

- Powerflow – Transmission Owners to submit Trial 0 seedcase updates via Model on Demand by Friday September 25, 2020
- Short Circuit –PJM will send the Trial 0 case to the Transmission Owners by Friday September 4, 2020; Transmission Owners to submit updates by Friday October 2, 2020

Future Meeting Dates

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	WebEx
Thursday, October 22, 2020	1:00 p.m. – 4:00 p.m.	Special PC: Storage As a Transmission Asset	WebEx
Wednesday, November 04, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	WebEx
Tuesday, December 01, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	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
Gerit Hull	American Municipal Power, Inc.	Electric Distributor
Art Iler	American Municipal Power, Inc.	Electric Distributor
Steven Lieberman	American Municipal Power, Inc.	Electric Distributor
Brock Ondayko	Appalachian 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
Eric Yeh	Baltimore Gas and Electric Company	Transmission Owner
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
David Scarpignato	Calpine Energy Services, L.P.	Generation Owner
Greg Poulos	CAPS	Not Applicable
Bill Allen	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
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
John Horstmann	Dayton Power & Light Company (The)	Transmission Owner
Raj Roychowdhury	Dayton Power & Light Company (The)	Transmission Owner
Joe DeLosa	DE Public Service Commission	Not Applicable
David Hastings	Dhast Co	Not Applicable
Jim Davis	Dominion Energy Marketing, Inc.	Generation Owner
Junbiao Han	Dominion Virginia Power	Transmission Owner
Tania Jones	Dominion Virginia Power	Transmission Owner
Connie Lowe	Dominion Virginia Power	Not Applicable
Kyle Thomas	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
Jeff Baker	Duke Energy Ohio, Inc.	Transmission Owner
Dan Benson	Duke Energy Ohio, Inc.	Transmission Owner
Julie Mason	Duke Energy Ohio, Inc.	Transmission Owner
Steve Abate	Duquesne Light Company	Transmission Owner
Gian Alian	Duquesne Light Company	Transmission Owner

Joe Pilch
Patrick Grau
Iker Chocarro
Darrin Adams
Nathan Bradley
Chuck Dugan
Arash Ghodsian
John Brodbeck
Rob Stupar
Gaurav Mehta
Malcolm Ainspan
Thomas Leeming
Harsha Jasti
Sharon Midgley
Pablo Ovando
Robert Taylor
Amber Thomas
Kevin Thundiyl
Tom Bainbridge
Jim Benchek
Stacey Burbure
Lou D'Alessandris
Larre Hozempa
Jeff Stuchell
Emma Nix
Travis Stewart
Sean Baur
Tom Hyzinski
Rory Sweeney
Jeff Whitehead
Bonnie Lamond
Christine Ericson
Mike Gahimer
Ryan Sims
Rob Stupar
John Kopsinski
Joshua York
Megan Wisersky
David Mabry
Nick Abraham
Erik Hanser
John Dadourian
George Kogut
Gabriel Hollis
Miles Taylor
Erik Heinle
Bill Squibb
Michael Cocco
Adrien Ford
Gregory Carmean
Tomas Rodriguez
Karan Joshi
Ankit Pahwa
Mike Donnelly
Pulin Shah
David Anders
Alejandro Bautista
Jerry Bell
Stephen Bennett
Aaron Berner
Matthew Bernstein
Tim Burdis
Jim Burlew
Brian Chmielewski
Jason Connell

Duquesne Light Company
Dynergy Marketing and Trade, LLC
E.ON Climate & Renewables North America, Inc.
East Kentucky Power Cooperative, Inc.
East Kentucky Power Cooperative, Inc.
East Kentucky Power Cooperative, Inc.
EDF Renewable
EDP Renewables North America, LLC
Enel Green Power
Enel Trading North America, LLC
Energy Curtailment Specialists, Inc.
Exelon
Exelon Business Services Company, LLC
Exelon Business Services Company, LLC
Exelon Business Services Company, LLC
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FirstEnergy Solutions Corp.
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FirstEnergy Solutions Corp.
Gabel and Associates
Gabel and Associates
GlidePath Development LLC
GT Power Group
GT Power Group
GT Power Group
Highview Power
Illinois Commerce Commission
IN Office of Utility Consumer Counselor
Interstate Gas Supply, Inc.
Invenergy, LLC
ITC Mid-Atlantic Development LLC
LS Power Transmission, LLC
Madison Gas and Electric
McNees Wallace & Nurick LLC
Michigan Public Service Commission
Michigan Public Service Commission
Monitoring Analytics, LLC
New York Power Authority
NextEra Energy Transmission, LLC
Northern Indiana Public Service Company
Office of the Peoples Counsel for the District of Columbia
Ohio Valley Electric
Old Dominion Electric Cooperative
Old Dominion Electric Cooperative
OPSI
OPSI
Pattern Energy Group
Pattern Energy Group
PECO Energy Company
PECO Energy Company
PJM Interconnection, LLC
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PJM Interconnection, LLC
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PJM Interconnection, LLC
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Transmission Owner
Generation Owner
Generation Owner
Transmission Owner
Transmission Owner
Transmission Owner
Not Applicable
Other Supplier
Not Applicable
Other Supplier
Not Applicable
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End User Customer
Other Supplier
Generation Owner
Other Supplier
Transmission Owner
Other Supplier
Not Applicable
Not Applicable
Not Applicable
Not Applicable
Not Applicable
Other Supplier
Other Supplier
Other Supplier
End User Customer
Generation Owner
Electric Distributor
Electric Distributor
Not Applicable
Not Applicable
Not Applicable
Transmission Owner
Transmission Owner
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Not Applicable
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Not Applicable
Not Applicable
Not Applicable



Draft Minutes

Kenneth Foladare
John Sillin
Edrissa Cham
Vince DeGiusto
Adam Weber
Mike Jacobs
Chris Mertz
James Wilson

Tangibl
The Federal Energy Regulatory Commission
Tradewind Energy, Inc.
UGI Utilities, Inc.
Union Electric Company d/b/a Ameren Missouri
Union of Concerned Scientists
Virginia Electric & Power Company
Wilson Energy Economics

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

Author: Molly Mooney