

June Planning Committee
Teleconference / WebEx
June 2, 2020
9:00 a.m. – 11:00 a.m. EPT

Administration (9:00-9:15)

1. Dave Souder, PJM, called the meeting to order and Molly Mooney, PJM, reviewed the Antitrust, Code of Conduct, media participation, and WebEx guidelines.
2. Molly Mooney reviewed the June 2, 2020 Planning Committee Agenda. 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. Ms. Molly Mooney reviewed the draft minutes posted for the May 12th, 2020 meeting and the Planning Committee approved the minutes.

Endorsements (9:15 – 10:15)

4. Manual 14A, E and G Changes
Onyinye Caven, PJM, presented changes to Manuals 14A, 14E and 14G identified as part of the periodic review. **The committee endorsed the Manual changes with an acclamation vote of 0 objections and 0 abstentions.**
5. 2020 RRS Assumptions
Jason Quevada, PJM, presented the 2020 RRS assumptions as developed in the Resource Adequacy Analysis Subcommittee. **The committee endorsed the study assumptions with an acclamation vote of 0 objections and 0 abstentions.**
6. PMU Placement in RTEP Planning Process
Shaun Murphy, PJM, reviewed the Problem Statement, Issue Charge and proposed solution to address the need for PMU Placement in the RTEP planning process. After stakeholder discussion, Dave Souder asked committee members to provide feedback on Manual language and any other concerns prior to the July Planning Committee meeting. **The vote was postponed until the July meeting when the committee will be asked to approve the issue charge and endorse the proposed revisions to Manual 14B: PJM Region Transmission Planning Process as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34.**

First Reads ()

Informational Updates (10:15 – 11:00)

7. Load Impact and Forecast Update
Andrew Gledhill, PJM, presented the estimated Covid-19 impacts on recent loads and an updated forecast to be used in the DY 2021/22 2nd IA pending FERC approval of waiver filed by PJM.

8. FERC Compliance Filing Update

Ray Fernandez, PJM, discussed cost allocation issues associated with multiple orders from FERC that require resettlement.

9. FERC Order 845 Update

Pauline Foley, PJM, provided an update on the FERC's May 21, 2020 Order regarding PJM's proposed tariff revisions filed on February 21, 2020 in compliance with the requirements of Order Nos. 845 and 845-A and the Commission's December 19, 2019 Order.

10. Competitive Planner Update

Ilyana Dropkin, PJM, provided an update on the Competitive Planner application, a new web-based form or application that is developed for Transmission Owners and Developers to participate in the PJM competitive planning process.

11. Critical Infrastructure Stakeholder Update

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

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

Informational Posting

Model Build Activity Update

- The final 2019 series MMWG 2020 winter study case will be posted by Powertech on May 27, 2020.
- For the 2020 series MMWG powerflow cases, Transmission Owners are able to submit updates to project files via Model on Demand, provide load and device profiles for all 12 cases and Tie Line updates to PJM by May 29, 2020. PJM will submit the Trial 1 cases to Powertech by June 26, 2020.

Capacity Capability Senior Task Force Update

At the May 20 CCSTF, PJM solicited feedback on definitions for the design components introduced at the April 27 meeting and stakeholders offered additional design components. Energy Storage Association (ESA) provided solution options for the design components established at the April 27 meeting. PJM also presented a few solution options for stakeholder consideration. Stakeholders are asked to bring additional solution options to the June 4 meeting. The group will discuss proposed packages at the June 22 meeting, and it also aims to poll on an array of solution options in June. August 7 is the planned date to vote on packages in order to meet a FERC filing deadline of October 30. An updated Work Plan can be found on the [CCSTF page](#) on pjm.com.

Storage As Transmission Asset

Meeting dates have been set for the Special PC sessions for Storage As Transmission Asset shown below.

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

Proposed Amendments to Attachment M-3 of the PJM Tariff

The Notice of Transmission Owners Consultation with the Members Committee Regarding Proposed Amendments to Attachment M-3 of the PJM Tariff is available on behalf of the PJM Transmission Owners has

been posted with the May 12, 2020 meeting materials. Note that written comments on the Attachment M-3 Amendments may be submitted for consideration by email to: Comments_for_Transmission_Owners@pjm.com on or before June 8, 2020.

Future Meeting Dates

Friday, June 05, 2020	1:00 p.m. – 4:00 p.m.	Special PC: Storage As a Transmission Asset	WebEx
Friday, June 19, 2020	1:00 p.m. – 4:00 p.m.	Special PC: Critical Infrastructure	WebEx
Monday, July 06, 2020	1:00 p.m. – 4:00 p.m.	Special PC: Storage As a Transmission Asset	WebEx
Tuesday, July 07, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Friday, July 17, 2020	1:00 p.m. – 3:00 p.m.	Special PC: Critical Infrastructure	PJM Conference & Training Center/ WebEx
Tuesday, August 04, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Thursday, August 06, 2020	1:00 p.m. – 4:00 p.m.	Special PC: Storage As a Transmission Asset	PJM Conference & Training Center/ WebEx
Friday, August 14, 2020	1:00 p.m. – 3:00 p.m.	Special PC: Critical Infrastructure	PJM Conference & Training Center/ 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	PJM Conference & Training Center/ WebEx
Tuesday, September 01, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Tuesday, September 22, 2020	9:00 a.m. – 12:00 p.m.	Special PC: Critical Infrastructure	PJM Conference & Training Center/ 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	PJM Conference & Training Center/ 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
Muhsin Abdur-Rahman	ABB	Not Applicable
Robert Cundiff	AEP Energy Partners, Inc.	Other Supplier
Tyler Berton	American Electric Power	Not Applicable
Ryan Dolan	American Municipal Power	Electric Distributor
Gerit Hull	American Municipal Power, Inc.	Electric Distributor
Steven Lieberman	American Municipal Power, Inc.	Electric Distributor
Gary Fuerst	American Transmission Systems, Inc.	Transmission Owner
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
Hugh Scott	Baltimore Gas and Electric Company	Transmission Owner
Eric Yeh	Baltimore Gas and Electric Company	Transmission Owner
Tom Jens	Black Oak Energy, LLC	Other Supplier
Diane Janicki	Boston Energy Trading and Marketing LLC	Generation Owner
Stephen Kelly	Brookfield Energy Marketing LP	Other Supplier
Khan Adnan	Burns McDonnell	Not Applicable
Bill Allen	Commonwealth Edison Company	Transmission Owner
Alan Engelmarm	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
Michael Russ	Dayton Power & Light Company (The)	Transmission Owner
David Hastings	Dhast Co	Not Applicable
Ruth Ann Price	Division of the Public Advocate of the State of Delaware	End User Customer

Jim Davis
 Mark Gill
 Hadi Athari
 Sean Bodkin
 Kyle Hannah
 Huiying Huang
 Tania Jones
 Connie Lowe
 Bao Pham
 Yajun Zheng
 Ryen Lawson
 William Jett
 Steve Steinkuhl
 Julie Mason
 Mandy Meadors
 Steve Abate
 Gian Alian
 Joe Pilch
 Tonja Wicks
 Patrick Grau
 Iker Chocarro
 Darrin Adams
 Chuck Dugan
 John Brodbeck
 Malcolm Ainspan
 Thomas Leeming
 Jason Barker
 Sharon Midgley
 Pablo Ovando
 Melanie Sanders
 Robert Taylor
 Amber Thomas
 Kevin Thundiyil
 Roozbeh Shegarfi
 Tom Bainbridge
 Jim Benchek
 Lou D'Alessandris
 Laura DiNicola
 Larre Hozempa
 Jeff Stuchell
 Emma Nix
 Paul Kelly
 Tom Hyzinski
 Rory Sweeney
 Jeff Whitehead
 Mike Gahimer
 Dave Johnston
 Ramya Nagarajan
 Joshua York
 Megan Wisersky
 Kathleen Wehnes
 David Mabry
 Christin Domian
 John Dadourian
 David Brown
 Daniel Davies
 George Kogut
 David Davis
 Gabriel Hollis
 Raul Perez
 Frederico Von Pinho
 Miles Taylor
 John Rainey
 Yohannes Mariam
 Bill Squibb

Dominion Energy Marketing, Inc.
 Dominion Energy Virginia
 Dominion Virginia Power
 Dominion Virginia Power
 Dominion Virginia Power
 Dominion Virginia Power
 Dominion Virginia Power
 Dominion Virginia Power
 Dominion Virginia Power
 Dominion Virginia Power
 Duke Energy Business Services LLC
 Duke Energy Business Services LLC
 Duke Energy Ohio, Inc.
 Duke Energy Ohio, Inc.
 Duquesne Light Company
 Duquesne Light Company
 Duquesne Light Company
 Duquesne Light Company
 Dynegy Marketing and Trade, LLC
 E.ON Climate & Renewables North America, Inc.
 East Kentucky Power Cooperative, Inc.
 East Kentucky Power Cooperative, Inc.
 EDP Renewables North America, LLC
 Energy Curtailment Specialists, Inc.
 Exelon
 Exelon Business Services Company, LLC
 Exelon Business Services Company, LLC
 Exelon Business Services Company, LLC
 Exelon Business Services Company, LLC
 Exelon Business Services Company, LLC
 Exelon Business Services Company, LLC
 Exelon Business Services Company, LLC
 Exelon Business Services Company, LLC
 Exelon Generation Co., LLC
 FirstEnergy Solutions Corp.
 FirstEnergy Solutions Corp.
 FirstEnergy Solutions Corp.
 FirstEnergy Solutions Corp.
 FirstEnergy Solutions Corp.
 FirstEnergy Solutions Corp.
 Gabel and Associates
 GDS Associates
 GT Power Group
 GT Power Group
 GT Power Group
 IN Office of Utility Consumer Counselor
 Indiana Utility Regulatory Commission
 LS Power Transmission, LLC
 LS Power Transmission, LLC
 Madison Gas and Electric
 Maryland Public Service Commission
 McNeese Wallace & Nurick LLC
 Mitsubishi Electric Power Products Inc.
 Monitoring Analytics, LLC
 New Jersey Board of Public Utilities
 New Project Media
 New York Power Authority
 NextEra Energy Power Marketing, LLC
 NextEra Energy Transmission, LLC
 NextEra Energy Transmission, LLC
 NextEra Energy Transmission, LLC
 Northern Indiana Public Service Company
 Northern Virginia Electric Cooperative
 Office of the Peoples Counsel for the District of Columbia
 Ohio Valley Electric

Generation Owner
 Not Applicable
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 Other Supplier
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 Not Applicable
 End User Customer
 Not Applicable
 Transmission Owner
 Transmission Owner
 Other Supplier
 Not Applicable
 Not Applicable
 Not Applicable
 Not Applicable
 Not Applicable
 Other Supplier
 Generation Owner
 Other Supplier
 Other Supplier
 Other Supplier
 Other Supplier
 Other Supplier
 Electric Distributor
 End User Customer
 Generation Owner

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Draft Minutes

Mahila Christopher
Ray Mason
Tom Hoatson
Lubaba Islam
Rollie Mangonon
Rich Heidorn
Michael Yoder
Bill Skumanich
Sean Chang
John Rohrbach
Brad Swalwell
Kenneth Foladare
John Sillin
Ibrahima Kalle
Edrissa Cham
Vince DeGiusto
Adam Weber
Craig Crider
Chris Mertz
James Wilson

Public Utilities Commission of Ohio (The)
ReliabilityFirst Corporation
Riverside Generating, LLC
Rockland Electric Company
Rockland Electric Company
RTO Insider
RTO Insider
RTR Energy Solutions LLC
Shell Energy North America (US), LP
Southern Maryland Electric Cooperative
Tangent Energy Solutions, Inc.
Tangibl
The Federal Energy Regulatory Commission
Tibiri Energies
Tradewind Energy, Inc.
UGI Utilities, Inc.
Union Electric Company d/b/a Ameren Missouri
Virginia Electric & Power Company
Virginia Electric & Power Company
Wilson Energy Economics

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

Author: Molly Mooney