

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 12<sup>th</sup>, 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 pj.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](mailto: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 Engelman	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 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  
 McNees 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  
 Transmission Owner  
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 Not Applicable  
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 Other Supplier  
 Not Applicable  
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 Generation Owner  
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 Transmission Owner  
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 Not Applicable  
 Not Applicable  
 Not Applicable  
 Not Applicable  
 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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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