

**April Planning Committee  
Teleconference / WebEx  
April 14, 2020  
9:00 a.m. – 12:50 p.m. EPT**

## Administration (9:00-9:20)

1. Mr. Dave Souder, PJM, called the meeting to order and Ms. Molly Mooney, PJM, reviewed the Antitrust, Code of Conduct, media participation, and WebEx guidelines.
2. Ms. Molly Mooney reviewed the April 14, 2020 Planning Committee Agenda. There was discussion regarding agenda Item 9 and the possibility of a vote. PJM will be more clearly mark the Agenda if a known vote will take place.
3. Ms. Molly Mooney reviewed the draft minutes posted for the March 10<sup>th</sup>, 2020 meeting and the Planning Committee approved the minutes.
4. Ms. Molly Mooney reviewed the 2020 Planning Committee work plan including work through the end of the first quarter along with the remaining planned work for 2020.

## Endorsements

## First Reads (9:20 - 9:55)

5. **Storage as Transmission Asset**  
Mr. Jeff Goldberg, PJM, introduced a problem statement/issue charge regarding storage as a transmission asset. PJM solicited feedback regarding the issue charge and stakeholders discussed their concerns. The Committee will be asked to vote on the issue charge at its next meeting.

## Informational Updates (9:55 – 12:50)

### 6. Market Efficiency Process Enhancement Task Force Update

#### **A: LS Power Legal Memo**

Ms. Sharon Segner, LS Power, reviewed a legal memo regarding cost allocation for a new category of regional projects.

#### **B: Transmission Owner Response**

Mr. Alex Stern, PSEG, provided a response from the transmission owners regarding the LS Power legal memo.

The Committee will be asked to vote on the packages for Market Efficiency Process Enhancement Task Force at its next meeting.

## 7. **Competitive Planner Update**

Ms. Ilyana Dropkin, PJM, presented 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.

## 8. **FERC Order on Form 715 Compliance Filing Update**

Ms. Pauline Foley, PJM, provided an update on recent FERC Orders on Form 715 Compliance Filings.

## 9. **Critical Infrastructure Stakeholder Oversight Update**

### **A: Review of Special Planning Committee Sessions Work**

Ms. Christina Stotesbury, PJM, discussed the work being done at the Critical Infrastructure Stakeholder Oversight Special Planning Committee sessions.

### **B: Exelon Proposed Revised Issue Charge – Critical Infrastructure Stakeholder Oversight**

Mr. Robert Taylor, Exelon, presented a redline version of the Critical Infrastructure Stakeholder Oversight Issue Charge. After stakeholder discussion, Exelon agreed to work on wording in the redline version with other stakeholders before making a motion to vote.

## 10. **Reliability Compliance Update**

Mr. Preston Walker, PJM, provided an update on the activities, issues and items of interest at NERC, SERC, and RF.

## 11. **Load Forecast Update**

Mr. Andrew Gledhill, PJM, provided an update on estimated Covid-19 impacts on recent loads.

## **Informational Posting**

### **Model Build Activity Update**

- The 2020 series RTEP Trial 3 powerflow cases and associated files are being reviewed by PJM staff and the Transmission Owners. PJM is incorporating the feedback received from the Transmission Owners for both the 2 year and 5 year 2020 series RTEP short circuit cases. Preliminary 5 year results will be sent out in the next couple weeks by Transmission Planning.
- PJM provided the 2020 series MMWG 1, 2 and 5 year Pre-Trial 0 summer cases to the Transmission Owners for topology review. Transmission Owners will provide any necessary updates to the 1, 2 and 5 year summer cases via Model On Demand by April 17, 2020.

### **MOD-032 Update**

- The Gen Model window will open May 1 and remain open through June 15. Generator Owners have the option of using data submitted in previous years to prepopulate the 2020 forms. Gen Model link: <https://pjm.com/planning/services-requests/planning-modeling-submission-mod-032.aspx>; for any questions or comments email [MOD-032@pjm.com](mailto:MOD-032@pjm.com)

- Generator owners should check for an updated version of the User Guide closer to the window open date.

## Effective Load Carrying Capability Problem Statement/Issue Charge

The ELCC issue charge approved at the MRC on April 26<sup>th</sup>, formed a new senior task force called Capacity Capability Senior Task Force (CCSTF). The CCSTF has its first meeting on 4/7.

## System Planning 201 Course

This one-day training course, scheduled for April 27<sup>th</sup>, provides a detailed review of PJM's Regional Transmission Expansion Planning (RTEP) process. This course is designed to educate participants on both the reliability and market efficiency aspects of the 15-year planning horizon.

Please visit link to register: [System Planning 201](#)

## M14 Cost Containment

The latest version of M14F - Competitive Planning Process is updated to include all previously approved changes and is posted to PJM.com.

## Manual 03 Updates

Updates to PJM Manual 03 – Transmission Operations are posted as informational only with meeting materials.

## Manual 03 Attachment E Updates

The PJM Manual 03 Attachment E Automatic Sectionalizing Schemes Pending Approval and Recent Changes document has been posted as an Information Only item.

## Future Meeting Dates

Tuesday, April 28, 2020	1:00 p.m. – 4:00 p.m.	Special PC: Critical Infrastructure	PJM Conference & Training Center/ WebEx
Tuesday, May 12, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Thursday, May 21, 2020	9:00 a.m. – 12:00 p.m.	Special PC: Critical Infrastructure	
Tuesday, June 02, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Friday, June 19, 2020	1:00 p.m. – 4:00 p.m.	Special PC: Critical Infrastructure	PJM Conference & Training Center/ WebEx
Tuesday, July 07, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	PJM Conference & Training Center/ WebEx
Tuesday, August 04, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	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, October 06, 2020	9:00 a.m. – 12:00 p.m.	Planning Committee	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
Eric Lavery	Aces	Electric Distributor
Robert Cundiff	AEP Energy Partners, Inc.	Other Supplier
Tyler Berton	American Electric Power	Not Applicable
Ryan Dolan	American Municipal Power	Electric Distributor

Gerit Hull  
 Steven Lieberman  
 Gary Fuerst  
 Brock Ondayko  
 David Canter  
 Chad Heitmeyer  
 Dana Horton  
 Takis Laios  
 Craig Lockwood  
 Kevin Kilgallen  
 Gary Guy  
 Eric Yeh  
 Tom Jens  
 Ron Pezou  
 Brian Vayda  
 Diane Janicki  
 Stephen Kelly  
 Greg Poulos  
 Dan McGraw  
 Bill Allen  
 Paul Mills  
 Ron Regner  
 Rehan Gilani  
 Haibin Sun  
 David Lawson  
 Guy Filomena  
 Lynn Horning  
 Carl Johnson  
 Jonathan Sasser  
 Chris Jylkka  
 Tim Bockhorn  
 John Horstmann  
 Michael Russ  
 Joe DeLosa  
 David Hastings  
 Marji Philips  
 Mark Gill  
 Kyle Hannah  
 Tania Jones  
 Connie Lowe  
 Bao Pham  
 Ryen Lawson  
 Gregory Pakela  
 William Jett  
 Julie Mason  
 Mandy Meadors  
 Steve Abate  
 Gian Alian  
 Joe Pilch  
 Patrick Grau  
 Iker Chocarro  
 Tom Rutigliano  
 Devin McDougall  
 Darrin Adams  
 Nathan Bradley  
 Chuck Dugan  
 John Brodbeck  
 Jeffrey Tomich  
 Kathiann Kowalski  
 Sharon Thomas  
 Michael Engleman  
 Thomas Leeming  
 Jason Barker  
 Harsha Jasti  
 Sharon Midgley

American Municipal Power, Inc.  
 American Municipal Power, Inc.  
 American Transmission Systems, Inc.  
 Appalachian Power Company  
 Avangrid Renewables LLC  
 Baltimore Gas and Electric Company  
 Baltimore Gas and Electric Company  
 Black Oak Energy, LLC  
 Borough of Chambersburg  
 Borough of Park Ridge  
 Boston Energy Trading and Marketing LLC  
 Brookfield Energy Marketing LP  
 CAPS  
 Carbon Pulse  
 Commonwealth Edison Company  
 Commonwealth Edison Company  
 Commonwealth Edison Company  
 ConEdison Energy, Inc.  
 Constellation Energy Services, Inc  
 CPV Fairview, LLC  
 Customized Energy Solutions, Ltd.  
 Customized Energy Solutions, Ltd.  
 Customized Energy Solutions, Ltd.  
 Customized Energy Solutions, Ltd.  
 Daymark Energy Advisors  
 Dayton Power & Light Company (The)  
 Dayton Power & Light Company (The)  
 Dayton Power & Light Company (The)  
 DE Public Service Commission  
 Dhast Co  
 Direct Energy Business, LLC  
 Dominion Energy Virginia  
 Dominion Virginia Power  
 DTE Energy Trading, Inc.  
 Duke Energy Business Services LLC  
 Duke Energy Ohio, Inc.  
 Duke Energy Ohio, Inc.  
 Duquesne Light Company  
 Duquesne Light Company  
 Duquesne Light Company  
 Dynegy Marketing and Trade, LLC  
 E.ON Climate & Renewables North America, Inc.  
 Earth Networks  
 Earthjustice  
 East Kentucky Power Cooperative, Inc.  
 East Kentucky Power Cooperative, Inc.  
 East Kentucky Power Cooperative, Inc.  
 EDP Renewables North America, LLC  
 EE News  
 Energy News Network  
 Energy Storage  
 Engleman Fallon, PLLC  
 Exelon  
 Exelon Business Services Company, LLC  
 Exelon Business Services Company, LLC  
 Exelon Business Services Company, LLC

Electric Distributor  
 Electric Distributor  
 Transmission Owner  
 Generation Owner  
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 Other Supplier  
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Pablo Ovando	Exelon Business Services Company, LLC	Transmission Owner
Robert Taylor	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
Lou D'Alessandris	FirstEnergy Solutions Corp.	Transmission Owner
Laura DiNicola	FirstEnergy Solutions Corp.	Transmission Owner
Andrew Horne	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
Sean Baur	GlidePath Development LLC	Not Applicable
Tom Hyzinski	GT Power Group	Not Applicable
Rory Sweeney	GT Power Group	Not Applicable
Jeff Whitehead	GT Power Group	Not Applicable
Mike Gahimer	IN Office of Utility Consumer Counselor	End User Customer
Dave Johnston	Indiana Utility Regulatory Commission	Not Applicable
John Kopinski	ITC Mid-Atlantic Development LLC	Other Supplier
Jill Leasure	Keystone Projects	Not Applicable
Kevin O'Brien	Leidos	Not Applicable
Sharon Segner	LS Power Transmission, LLC	Transmission Owner
Kathleen Wehnes	Maryland Public Service Commission	Not Applicable
David Mabry	McNees Wallace & Nurick LLC	Not Applicable
Kevin Murray	McNees Wallace & Nurick LLC	Not Applicable
Erik Hanser	Michigan Public Service Commission	Not Applicable
John Dadourian	Monitoring Analytics, LLC	Not Applicable
Howard Haas	Monitoring Analytics, LLC	Not Applicable
Jane Wei	Monitoring Analytics, LLC	Not Applicable
David Brown	New Jersey Board of Public Utilities	Not Applicable
George Kogut	New York Power Authority	Other Supplier
Matt Pawlowski	NextEra Energy Marketing, LLC	Other Supplier
Gabriel Hollis	NextEra Energy Transmission, LLC	Other Supplier
Frederico Von Pinho	NextEra Energy Transmission, LLC	Other Supplier
Miles Taylor	Northern Indiana Public Service Company	Other Supplier
Erik Heinle	Office of the Peoples Counsel for the District of Columbia	End User Customer
Tom Schmidt	Ohio Electric Cooperatives	Not Applicable
Bill Squibb	Ohio Valley Electric	Generation Owner
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
Karan Joshi	Pattern Energy Group	Not Applicable
Mike Donnelly	PECO Energy Company	Transmission Owner
Pulin Shah	PECO Energy Company	Transmission Owner
Jiyeon Kim	PEPCO Holdings, Inc.	Transmission Owner
Elizabeth Anastasio	PJM Interconnection, LLC	Not Applicable
David Anders	PJM Interconnection, LLC	Not Applicable
Madalyn Beban	PJM Interconnection, LLC	Not Applicable
Aaron Berner	PJM Interconnection, LLC	Not Applicable
Matthew Bernstein	PJM Interconnection, LLC	Not Applicable
Tim Burdis	PJM Interconnection, LLC	Not Applicable
Brian Chmielewski	PJM Interconnection, LLC	Not Applicable
Jason Connell	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
Janell Fabiano	PJM Interconnection, LLC	Not Applicable
Thomas Falin	PJM Interconnection, LLC	Not Applicable
Zhenyu Fan	PJM Interconnection, LLC	Not Applicable
Raymond Fernandez	PJM Interconnection, LLC	Not Applicable

Pauline Foley	PJM Interconnection, LLC	Not Applicable
Suzanne Glatz	PJM Interconnection, LLC	Not Applicable
Craig Glazer	PJM Interconnection, LLC	Not Applicable
Andrew Gledhill	PJM Interconnection, LLC	Not Applicable
Jim Glennon	PJM Interconnection, LLC	Not Applicable
Jeffrey Goldberg	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
Liem Hoang	PJM Interconnection, LLC	Not Applicable
Tim Horger	PJM Interconnection, LLC	Not Applicable
Jack Keegan	PJM Interconnection, LLC	Not Applicable
Michael Kelley	PJM Interconnection, LLC	Not Applicable
Matthew LaRocque	PJM Interconnection, LLC	Not Applicable
Amanda Long	PJM Interconnection, LLC	Not Applicable
Erich Mauroschatd	PJM Interconnection, LLC	Not Applicable
Megan McLaverty	PJM Interconnection, LLC	Not Applicable
Grace Niu	PJM Interconnection, LLC	Not Applicable
Anita Patel	PJM Interconnection, LLC	Not Applicable
Darlene Phillips	PJM Interconnection, LLC	Not Applicable
Chris Pilon	PJM Interconnection, LLC	Not Applicable
Jason Quevada	PJM Interconnection, LLC	Not Applicable
John Reynolds	PJM Interconnection, LLC	Not Applicable
Ken Schuyler	PJM Interconnection, LLC	Not Applicable
David Schweizer	PJM Interconnection, LLC	Not Applicable
Ken Seiler	PJM Interconnection, LLC	Not Applicable
Jordan Shenk	PJM Interconnection, LLC	Not Applicable
Jeffrey Shields	PJM Interconnection, LLC	Not Applicable
Mark Sims	PJM Interconnection, LLC	Not Applicable
Stan Sliwa	PJM Interconnection, LLC	Not Applicable
Jeff Slusser	PJM Interconnection, LLC	Not Applicable
Mark Stanis	PJM Interconnection, LLC	Not Applicable
Christina Stotesbury	PJM Interconnection, LLC	Not Applicable
Natalie Tacka	PJM Interconnection, LLC	Not Applicable
Jack Thomas	PJM Interconnection, LLC	Not Applicable
Jen Tribulski	PJM Interconnection, LLC	Not Applicable
Preston Walker	PJM Interconnection, LLC	Not Applicable
Jere Williamson Downs	PJM Interconnection, LLC	Not Applicable
Alex Worcester	PJM Interconnection, LLC	Not Applicable
Phil Yum	PJM Interconnection, LLC	Not Applicable
Jared Anderson	Platts Megawatt Daily	Not Applicable
Shadab Ali	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
Orlando Marrero-Torres	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Steven Nadel	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
John Dempsey	Public Service Electric & Gas Company	Transmission Owner
Garan Gunn	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
Rich Marinelli	Public Service Electric & Gas Company	Transmission Owner
Ahmed Mousa	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
Glenn Catenacci	Public Service Electric and Gas	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
Roletto Mangonon	Rockland Electric Company	Transmission Owner

Rich Heidom  
Michael Yoder  
Bill Skumanich  
Ryan Townsend  
Stephanie Tsao  
Sean Chang  
Jennifer Hohenshilt  
Hamid Kazerooni  
Kenneth Foladare  
Brad Heisey  
Reid Frazier  
John Sillin  
Ibrahima Kalle  
Gimod Olapurayil  
Adam Weber  
Ronnie Bailey  
Craig Crider  
Chad Dixon  
Becky Robinson  
James Wilson  
Mike Jacobs

RTO Insider  
RTO Insider  
RTR Energy Solutions LLC  
RTR Energy Solutions LLC  
S&P Global Market Intelligence  
Shell Energy North America (US), LP  
Talen Energy Marketing, LLC  
Talen Energy Marketing, LLC  
Tangibl  
Tenaska Power Services Co  
The Allegheny Front  
The Federal Energy Regulatory Commission  
Tibiri Energies  
Tradewind Energy, Inc.  
Union Electric Company d/b/a Ameren Missouri  
Virginia Electric & Power Company  
Virginia Electric & Power Company  
Viridity Energy, Inc.  
Vistra Energy  
Wilson Energy Economics  
Xtreme Power

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

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