

## May Planning Committee

### Teleconference / WebEx

May 11, 2021

9:00 a.m. – 12:30 p.m. EPT

#### Administration (9:00 – 9:10)

1. Dave Souder, PJM, called the meeting to order. Molly Mooney, PJM, reviewed the Antitrust, Code of Conduct, media participation, and WebEx guidelines. The committee will be using the voting application for all endorsement items at the May meeting.
2. Molly Mooney reviewed the May 11, 2021 Planning Committee Agenda. No changes to the agenda were requested.
3. Molly Mooney reviewed the draft April 6, 2021 Planning Committee meeting minutes and the committee approved the minutes.

#### Endorsements (9:10 – 10:20)

4. Interconnection Construction Service Agreement Superseding Language and Automatic Termination Provision  
Mark Sims, PJM, reviewed a problem statement, issue charge and proposed solution to address concerns associated with the pro forma Interconnection Construction Service Agreement's (a) lack of superseding language and (b) current automatic termination provision. Draft Tariff language was posted with meeting materials for informational purposes. **The committee approved the issue charge and endorsed the proposed solution for the Interconnection Construction Service Agreement Superseding Language and Automatic Termination Provision as part of the Quick Fix process with 99% support. There were 175 Yes votes, 1 No vote, and 18 Abstain. The committee voted if the proposed solution was preferable to the status quo. This vote passed with 92% support - 162 Yes, 14 No, and 15 Abstain.**
5. New Service Requests Deficiency Review Requirements  
Jason Connell, PJM, reviewed a problem statement, issue charge and proposed solution to address new service requests deficiency review requirements. Draft Tariff language was posted with meeting materials for informational purposes. **The committee approved the issue charge and endorsed the proposed solution for the New Service Requests Deficiency Review Requirements as part of the Quick Fix process with approximately 100% support. There were 213 Yes votes, 1 No vote, and 2 Abstain. The committee voted if the proposed solution was preferable to the status quo. This vote passed with 100% support - 197 Yes, 0 No, and 1 Abstain.**
6. Manual 14F and Manual 14B Updates  
Nick Dumitriu, PJM, provided a review of Manual 14F and Manual 14B conforming language for MEPETF capacity driver docket (ER21-162). **The committee endorsed the manual changes with 100% support. There were 174 Yes votes, 0 No votes, and 25 Abstain.**

7. Manual 21: Rules and Procedures for Determining Generating Capability Update  
Jerry Bell, PJM, provided a review of Manual 21 regarding the biennial cover to cover review. **The committee endorsed the manual changes with 100% support. There were 190 Yes votes, 0 No votes, and 10 Abstain.**

## First Reads (10:20 – 10:30)

8. 2021 RRS Assumptions  
Jason Quevada, PJM, presented the 2021 Reserve Requirement Study assumptions as developed in the Resource Adequacy Analysis Subcommittee. The committee will be requested to endorse the study assumptions at the June PC meeting.

## Informational Updates (10:30 – 12:30)

9. Critical Infrastructure Stakeholder Oversight Update  
Michael Herman, PJM, provided an update on next steps regarding CISO Mitigation stakeholder process. The Mitigation piece was remanded back to the Planning Committee from the Markets and Reliability Committee to ensure the Operating Agreement language reflects the PC approved CISO Mitigation Package. Additionally, PJM provided an update on the Avoidance portion of the CISO package stating that this portion of the package will be brought for a vote at the May MRC, following a one month requested delay.
10. Capacity Interconnection Rights for ELCC Resources Update  
Brian Chmielewski, PJM, provided an update on work being done during the PC special session on Capacity Interconnection Rights (CIR) for ELCC Resources.
11. Interconnection Process Reform and Queue Status Update  
Jason Connell provided an update on the Interconnection Process Reform Task Force and recent Interconnection Queue statistics.
12. Update on FERC Order Rejecting ELCC Proposal  
Thomas DeVita and Andrew Levitt described the FERC Order rejecting the Effective Load Carrying Capability (ELCC) proposal, FERC's deadlines for a paper hearing on current capacity accreditation rules, the option to file a revised ELCC proposal, and potential next steps.
13. PHI Transmission Facility Rating Change Communications  
Doug Dale, Exelon, discussed PHI transmission facility rating changes.
14. Transmission & Substation Subcommittee Update  
~~Jay Liu, PJM, will provide an update on the TSS work activities through 2020 and the first half of 2021 and a work plan for the remainder of the year.~~ Due to timing constraints, this item was deferred until next Planning Committee meeting.
15. Reliability Compliance Update  
Becky Davis, PJM, provided an update on the activities, issues and items of interest at NERC, SERC, and RE.

## Informational Posting

### Model Build Activity Update

#### 2021 Series RTEP

- Powerflow
  - PJM staff will internally review the cases in May 2021 and work with the Transmission Owners to finalize the cases
- Short Circuit
  - 2023 short circuit case was updated with the feedback received from the Transmission Owners and breaker duty analysis was performed; Transmission Owners identified as required to build baseline projects were contacted requesting details on the project
  - 2026 short circuit trial 2 case was updated with the feedback received from the Transmission Owners and was delivered to PJM's Transmission Planning Department on 4/30/2021

#### 2020 Series MMWG

- Dynamics
  - Pre-final dynamics cases are past due and expected to be out in the next several weeks; Voting to finalize 2020 Series MMWG dynamics cases will take approximately 1 week after the pre-final cases are released; The cases will be posted to PJM.com once they are finalized

#### 2021 Series MMWG

- Powerflow
  - PowerTech will post the Trial 1 2021 winter study case by May 7, 2021; Transmissions Owners to provide updates to the case by May 13, 2021; PJM will submit the updates to PowerTech on May 14, 2021
  - PowerTech will post the Trial 2 2021 winter study case by May 17, 2021; Transmissions Owners to provide updates to the case by May 20, 2021; PJM will submit the updates to PowerTech on May 21, 2021
  - Transmission Owners to submit updates to project files, provide load and device profiles for 12 cases via Model on Demand; internal and external tie line updates are required as well, all updates are due by May 28, 2021

#### 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 2021 forms; For any questions or comments email [MOD-032@pjm.com](mailto:MOD-032@pjm.com)
- Gen Model link: <https://pjm.com/planning/services-requests/planning-modeling-submission-mod032.aspx>

### PJM Transmission Owners Announcement

A PJM Transmission Owners informational [notice](#) is posted with materials regarding Funding of Network Upgrades.

Future Meeting Dates and Materials			Materials Due to Secretary 	Materials Published
Date	Time	Meeting (Location)		
Friday, May 21, 2021	9:00 a.m. – 12:00 p.m.	Special PC: CIR for ELCC Resources (WebEx)	Thursday, May 13, 2021	Tuesday, May 18, 2021
Tuesday, June 1, 2021	9:00 a.m. – 4:00 p.m.	Interconnection Process Reform Task Force (WebEx)	Monday, May 24, 2021	Thursday, May 27, 2021
Tuesday, June 8, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee (WebEx)	Thursday, May 27, 2021	Tuesday, June 01, 2021
Tuesday, June 22, 2021	9:00 a.m. – 12:00 p.m.	Special PC: CIR for ELCC Resources (WebEx)	Tuesday, June 15, 2021	Friday, June 18, 2021
Tuesday, June 29, 2021	9:00 a.m. – 4:00 p.m.	Interconnection Process Reform Task Force (WebEx)	Monday, June 21, 2021	Thursday, June 24, 2021

Tuesday, July 13, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee (WebEx)	Thursday, July 01, 2021	Tuesday, July 06, 2021
Monday, July 19, 2021	9:00 a.m. – 4:00 p.m.	Interconnection Process Reform Task Force (WebEx)	Friday, July 09, 2021	Wednesday, July 14, 2021
Thursday, July 22, 2021	9:00 a.m. – 12:00 p.m.	Special PC: CIR for ELCC Resources (WebEx)	Wednesday, July 14, 2021	Monday, July 19, 2021
Tuesday, August 10, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee (WebEx)	Thursday, July 29, 2021	Tuesday, August 03, 2021
Friday, August 13, 2021	1:00 p.m. – 4:00 p.m.	Special PC: CIR for ELCC Resources (WebEx)	Thursday, August 05, 2021	Tuesday, August 10, 2021
Monday, August 23, 2021	9:00 a.m. – 4:00 p.m.	Interconnection Process Reform Task Force (WebEx)	Friday, August 13, 2021	Wednesday, August 18, 2021
Tuesday, August 31, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee (WebEx)	Thursday, August 19, 2021	Tuesday, August 24, 2021
Tuesday, September 21, 2021	9:00 a.m. – 12:00 p.m.	Special PC: CIR for ELCC Resources (WebEx)	Tuesday, September 14, 2021	Friday, September 17, 2021
Tuesday, October 5, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee (WebEx)	Thursday, September 23, 2021	Tuesday, September 28, 2021
Tuesday, November 2, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee (WebEx)	Thursday, October 21, 2021	Tuesday, October 26, 2021
Tuesday, November 30, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee (WebEx)	Thursday, November 18, 2021	Tuesday, November 23, 2021

## Attendance List

David Souder (Chair)  
Molly Mooney (Secretary)

PJM Interconnection, LLC  
PJM Interconnection, LLC

Not Applicable  
Not Applicable

Rebecca Marcotte  
Makenna Harris  
Ed Achaab  
Byron Crawford  
Tyler Berton  
Gerit Hull  
Art Iler  
Steven Lieberman  
Alexandros Lousos  
Gary Fuerst  
ash panegal  
Richard Seide  
Brock Ondayko  
David Canter  
Terry Gates  
Takis Laios  
Kevin Kilgallen  
Zelalem Tekle  
Hugh Scott  
Eric Yeh  
Ron Pezon  
Diane Janicki  
Stephen Kelly  
Tony Lopez-Lopez  
Greg Poulos  
Bill Allen  
Ron Regner  
Haibin Sun  
Guy Filomena  
Lynn Horning  
Carl Johnson  
Jonathan Sasser  
Ryan Dolan  
John Horstmann

Acciona Energy North America Corporation  
Adapt2 Solutions  
AEP Energy Partners, Inc.  
Amazon Energy LLC  
American Electric Power  
American Municipal Power, Inc.  
American Municipal Power, Inc.  
American Municipal Power, Inc.  
American Municipal Power, Inc.  
American Transmission Systems, Inc.  
Apex Clean Energy  
Apex Clean Energy  
Appalachian Power Company  
Appalachian Power Company  
Appalachian Power Company  
Appalachian Power Company  
Avangrid Renewables LLC  
Baltimore Gas and Electric  
Baltimore Gas and Electric Company  
Baltimore Gas and Electric Company  
Borough of Chambersburg  
Boston Energy Trading and Marketing LLC  
Brookfield Energy Marketing LP  
Bryndan Associates, Inc.  
CAPS  
Commonwealth Edison Company  
Commonwealth Edison Company  
Constellation Energy Services, Inc  
Customized Energy Solutions, Ltd.  
Customized Energy Solutions, Ltd.  
Customized Energy Solutions, Ltd.  
Customized Energy Solutions, Ltd.  
Dayton Power & Light Company (The)  
Dayton Power & Light Company (The)

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



Michael Cocco	Old Dominion Electric Cooperative	Electric Distributor
Adrien Ford	Old Dominion Electric Cooperative	Electric Distributor
Farrokh Rahimi	Open Access Technology International, Inc.	Not Applicable
Gregory Carmean	OPSI	Not Applicable
Tomas Rodriguez	OPSI	Not Applicable
Regina Carrado	PECO Energy Company	Transmission Owner
Douglas Dale	PECO Energy Company	Transmission Owner
Pulin Shah	PECO Energy Company	Transmission Owner
David Anders	PJM Interconnection, LLC	Not Applicable
Alejandro Bautista	PJM Interconnection, LLC	Not Applicable
Jerry Bell	PJM Interconnection, LLC	Not Applicable
Daniel Bennett	PJM Interconnection, LLC	Not Applicable
Tarik Bensala	PJM Interconnection, LLC	Not Applicable
Aaron Berner	PJM Interconnection, LLC	Not Applicable
Matthew Bernstein	PJM Interconnection, LLC	Not Applicable
Mike Bryson	PJM Interconnection, LLC	Not Applicable
Brian Chmielewski	PJM Interconnection, LLC	Not Applicable
Jason Connell	PJM Interconnection, LLC	Not Applicable
Becky Davis	PJM Interconnection, LLC	Not Applicable
Thomas DeVita	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
Tom Falin	PJM Interconnection, LLC	Not Applicable
Zhenyu Fan	PJM Interconnection, LLC	Not Applicable
Brian Fitzpatrick	PJM Interconnection, LLC	Not Applicable
Pauline Foley	PJM Interconnection, LLC	Not Applicable
Suzanne Glatz	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
Mike Hickey	PJM Interconnection, LLC	Not Applicable
Richard Konowal	PJM Interconnection, LLC	Not Applicable
Matt LaRocque	PJM Interconnection, LLC	Not Applicable
Andrew Levitt	PJM Interconnection, LLC	Not Applicable
Jay Liu	PJM Interconnection, LLC	Not Applicable
Susan McGill	PJM Interconnection, LLC	Not Applicable
Jeffrey McLaughlin	PJM Interconnection, LLC	Not Applicable
Shaun Murphy	PJM Interconnection, LLC	Not Applicable
Medha Pai	PJM Interconnection, LLC	Not Applicable
Melissa 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
Ken Seiler	PJM Interconnection, LLC	Not Applicable
Jason Shoemaker	PJM Interconnection, LLC	Not Applicable
Mark Sims	PJM Interconnection, LLC	Not Applicable
Michelle Souder	PJM Interconnection, LLC	Not Applicable
Jack Thomas	PJM Interconnection, LLC	Not Applicable
Jen Tribulski	PJM Interconnection, LLC	Not Applicable
Jeanine Watson	PJM Interconnection, LLC	Not Applicable
Stuart Widom	PJM Interconnection, LLC	Not Applicable
Jere Williamson Downs	PJM Interconnection, LLC	Not Applicable
Koushy Nareshkumar	Potomac Electric Power	Electric Distributor
Shadab Ali	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
John Feller	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Homam Kamhia	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Meagan Kuchan	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Horst Lehmann	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Cleveland Richards	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Alexa Rooney	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Mariam Chatha	Public Service Electric & Gas Company	Transmission Owner

Roseanne Circelli  
Cameron DeAngelis  
Daniel Hutt  
Esam Khadr  
Leonid Lyakhovich  
Richard Marinelli  
Alex Stern  
Heather Svenson  
Mahila Christopher  
Tom Hoatson  
Lubaba Islam  
Rollie Mangonon  
Michael Yoder  
Bill Skumanich  
Wonbae Choi  
James Okenfuss  
Sean Chang  
John Rohrbach  
Stephan Thunell  
Jennifer Hohenshilt  
Hamid Kazerooni  
Kenneth Foladare  
Brad Heisey  
Boone Staples  
Charles Askey  
Jessica Johnson  
Vince DeGiusto  
Adam Weber  
Ronnie Bailey  
Becky Robinson  
Christian Fuess  
Cristina Drivas  
James Wilson

Public Service Electric & Gas Company  
Public Utilities Commission of Ohio (The)  
Riverside Generating, LLC  
Rockland Electric Company  
Rockland Electric Company  
RTO Insider  
RTR Energy Solutions LLC  
Samsung Renewable Energy Inc.  
Savion Energy  
Shell Energy North America (US), LP  
Southern Maryland Electric Cooperative  
SPT Engineering  
Talen Energy Marketing, LLC  
Talen Energy Marketing, LLC  
Tangibl  
Tenaska Power Services Co  
Tenaska Power Services Co  
Timmons Group  
Timmons Group  
UGI Utilities, Inc.  
Union Electric Company d/b/a Ameren Missouri  
Virginia Electric & Power Company  
Vistra Energy  
White Pine Consulting LLC  
Whitetail Solar 1, LLC  
Wilson Energy Economics

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

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