



March Planning Committee Teleconference / WebEx March 9, 2021 9:00 a.m. – 12:00 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.
- 2. Molly Mooney reviewed the March 9, 2021 Planning Committee Agenda. No changes to the agenda were requested. Dave Souder announced an additional Special PC meeting scheduled for the Critical Infrastructure Stakeholder Oversight (CISO) group on Thursday, March 18th from 2:30 4:30 and the September PC meeting date has been moved to August 31.
- 3. Molly Mooney reviewed the draft minutes posted for the February 9, 2021 meeting and the Planning Committee approved the minutes.

#### Endorsements ( )

#### First Reads (9:10 - 11:05)

4. CIR Problem Statement/Issue Charge

Jonathan Kern, PJM, provided a second first read to review a problem statement and issue charge to address the Capacity Interconnection Rights of variable resources. Stakeholders provided feedback as to what topics should be in scope and out of scope. The committee will be asked to approve the issue charge at the April PC meeting.

- 5. Interconnection Process Reform
  - Jason Connell, PJM, provided a first read of a problem statement and issue charge to address Interconnection Process Reform which was the result of a number of Interconnection Process Workshops. The committee will be asked to approve the issue charge at the April PC meeting.
- 6. New Service Requests Deficiency Review Requirements

Jason Connell, provided a first read of a problem statement, issue charge and proposed solution to address new service requests deficiency review requirements. Draft versions of associated Tariff language were posted with meeting materials for informational purposes. Stakeholders provided feedback on the proposed solution. The committee will be asked to approve the issue charge and endorse the proposed solution as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 at the April PC meeting.





# 7. <u>Interconnection Construction Service Agreement Superseding Language and Automatic Termination</u> Provision

Mark Sims, PJM, provided a first read of 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 versions of associated Tariff language were posted with meeting materials for informational purposes. Alex Stern, PSEG, offered a friendly amendment asking PJM to send notice back to the TOs upon cancellation of ICSAs. PJM will take the friendly amendment into consideration. The committee will be asked to approve the issue charge and endorse the proposed solution as part of the Quick Fix process outlined in Section 8.6.1 of Manual 34 at the April PC meeting.

#### Informational Updates (11:05 - 11:45)

#### 8. Attachment M3 Process Update

Aaron Berner, PJM, provided an Attachment M-3 update and facilitate a discussion with stakeholders.

#### 9. Reliability Compliance Update

Becky Davis, PJM, provided an update on the activities, issues and items of interest at NERC, SERC, and RF.

#### 10. TPL-001-5 Implementation

Aaron Berner, provided an update and discuss proposed review of implementation methodologies for TPL-001-5 at the Relay Subcommittee on March 18, 2021. A link to the standard is here: <u>TPL-001-5</u>

#### Informational Posting

#### Model Build Activity Update

2021 Series RTEP

- Powerflow
  - PJM staff will internally review the cases through March 2021
- Short Circuit
  - Transmission Owners are to provide their feedback to the Trial 2 RTEP case by February 26,2021
  - PJM is currently building Trial 3 2023 case and Trial 1 2026 case to be delivered on March 12<sup>th</sup>,2021

<b>Future Meeting Dates</b>			
Friday, March 5, 2021	9:00 a.m. – 4:00 p.m.	Interconnection Process Workshop #4	WebEx
Tuesday, March 9, 2021	9:00 a.m 12:00 p.m.	Planning Committee	WebEx
Tuesday, April 6, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee	WebEx
Tuesday, May 11, 2021	9:00 a.m 12:00 p.m.	Planning Committee	WebEx
Tuesday, June 8, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee	WebEx
Tuesday, July 13, 2021	9:00 a.m 12:00 p.m.	Planning Committee	TBD
Tuesday, August 10, 2021	9:00 a.m 12:00 p.m.	Planning Committee	TBD
Tuesday, August 31, 2021	9:00 a.m 12:00 p.m.	Planning Committee	TBD
Wednesday, September 8, 2021	9:00 a.m 12:00 p.m.	Planning Committee	<del>TBD</del>
Tuesday, October 5, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee	TBD
Tuesday, November 2, 2021	9:00 a.m. – 12:00 p.m.	Planning Committee	TBD
Tuesday, November 30, 2021	9:00 a.m 12:00 p.m.	Planning Committee	TBD





#### **Attendees**

David Souder (Chair) Molly Mooney (Secretary)

Rebecca Marcotte Ed Achaab Cindy Markiewicz Tyler Berton Gerit Hull Art Iler

Steven Lieberman Vince Guntle Gary Fuerst Theodore Paradise Brock Ondayko **David Canter** Terry Gates Takis Laios

Tom Jens Ron Pezon Diane Janicki

**Brett White** Stephen Kelly Tony Lopez-Lopez Jason Procuniar David Scarpignato Greg Poulos

Bill Allen Paul Mills Ron Regner Rehan Gilani Haibin Sun

Guy Filomena Lynn Horning Carl Johnson Jonathan Sasser David Capparelli Rvan Dolan

John Horstmann Raj Roychowdhury Michael Russ **David Hastings** .lim Davis

Tania Jones Connie Lowe Wesley Hudson Ryen Lawson William Jett Steve Steinkuhl

Jeff Baker Dan Benson Julie Mason Gian Alian Iker Chocarro

Darrin Adams Nathan Bradley Paul Sotkiewicz John Brodbeck Jarett Contino

Salil Pradhan Malcolm Ainspan Gina Jardot

Thomas Leeming

PJM Interconnection, LLC PJM Interconnection, LLC

Acciona Energy North America Corporation

AEP Energy Partners, Inc. Allegheny Power (MonPwr Gen) American Electric Power American Municipal Power, Inc. American Municipal Power, Inc. American Municipal Power, Inc. American PowerNet Management, L.P. American Transmission Systems, Inc. Anbaric

Appalachain Power Company Appalachian Power Company Appalachian Power Company Appalachian Power Company Black Oak Energy, LLC Borough of Chambersburg

Boston Energy Trading and Marketing LLC

**Brett White** 

Brookfield Energy Marketing LP Bryndan Associates, Inc. Buckeye Power, Inc. Calpine Energy Services, L.P.

CAPS

Commonwealth Edison Company Commonwealth Edison Company Commonwealth Edison Company

ConEdison Energy, Inc.

Constellation Energy Services, Inc. Customized Energy Solutions, Ltd. Customized Energy Solutions, Ltd. Customized Energy Solutions, Ltd. Customized Energy Solutions, Ltd.

Dakota Power Partners

Dayton Power & Light Company (The) Dayton Power & Light Company (The) Dayton Power & Light Company (The) Dayton Power & Light Company (The)

Dominion Energy Marketing, Inc. 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. Duke Energy Ohio, Inc. Duquesne Light Company

E.ON Climate & Renewables North America, Inc. East Kentucky Power Cooperative, Inc.

East Kentucky Power Cooperative, Inc. E-Cubed Policy Associates

EDP Renewables North America LLC EDP Renewables North America LLC

Elk Hill Solar 1, LLC

Energy Curtailment Specialists, Inc.

Essential Power, LLC

**Exelon** 

Not Applicable Not Applicable

Generation Owner

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

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

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

Not Applicable

Generation Owner Transmission Owner Not Applicable Transmission Owner Generation Owner Transmission Owner Transmission Owner Not Applicable Generation Owner

Not Applicable Not Applicable Generation Owner Transmission Owner

Generation Owner





Jason Barker	Exelon Business Services Company, LLC
Rajesh Bhana	Exelon Business Services Company, LLC
Harsha Jasti	Exelon Business Services Company, LLC
Sharon Midgley	Exelon Business Services Company, LLC
Pablo Ovando	Exelon Business Services Company, LLC
Melanie Sanders	Exelon Business Services Company, LLC
Robert Taylor	Exelon Business Services Company, LLC
Amber Thomas	Exelon Business Services Company, LLC
Kevin Thundiyil	Exelon Business Services Company, LLC
Ram Pasupatham	Exelon Generation Co., LLC
Roozbeh Shegarfi	Exelon Generation Co., LLC
Tom Bainbridge	FirstEnergy Solutions Corp.
Jim Benchek	FirstEnergy Solutions Corp.
Lou D'Alessandris	FirstEnergy Solutions Corp.
Lawrence Hozempa	FirstEnergy Solutions Corp.
loff Ctuchell	First Energy Colutions Corp

Jeff Stuchell FirstEnergy Solutions Corp. Emma Nix Gabel and Associates Travis Stewart Gabel and Associates Neil Kirby GE Grid Solutions Geronimo Energy Carrie Bellamy Andrew Grant Geronimo Energy Rafik Halim Geronimo Energy GT Power Group Tom Hyzinski GT Power Group Rory Sweeney Jeff Whitehead GT Power Group

Indiana Utility Regulatory Commission Dave Johnston

Rob Stupar Invenergy, LLC Madison Gas and Electric Megan Wisersky David Mabry McNees Wallace & Nurick LLC Allie Koepplinger Michigan Public Service Commission Christin Domian Mitsubishi Electric Power Products Inc.

Joseph Bowring Monitoring Analytics John Hyatt Monitoring Analytics John Dadourian Monitoring Analytics, LLC Natural Resources Defense Council Cullen Howe George Kogut New York Power Authority

David Davis NextEra Energy Power Marketing, LLC Gabriel Hollis NextEra Energy Transmission, LLC Rigoberto Milla NextEra Energy Transmission, LLC Nihal Mohan NextEra Energy Transmission, LLC NextEra Energy Transmission, LLC Kshitij Shah John Vu NextEra Energy Transmission, LLC

Rao Konidena Not Applicable

Brian Kauffman NRG Curtailment Solutions

Erik Heinle Office of the Peoples Counsel for the District of Columbia

PJM Interconnection, LLC

PJM Interconnection, LLC

Bill Squibb Ohio Valley Electric

Michael Cocco Old Dominion Electric Cooperative Adrien Ford Old Dominion Electric Cooperative

Gregory Carmean **OPSI** 

Nicolae Dumitriu

David Egan

Tomas Rodriguez **OPSI** Regina Carrado PECO Energy Company PECO Energy Company Pulin Shah Andrew Grieve Pine Gate Renewables PJM Interconnection, LLC **David Anders** Alejandro Bautista PJM Interconnection, LLC Jerry Bell PJM Interconnection, LLC **Daniel Bennett** PJM Interconnection, LLC PJM Interconnection, LLC Tarik Bensala Aaron Berner PJM Interconnection, LLC Yang Chen PJM Interconnection, LLC Brian Chmielewski PJM Interconnection, LLC PJM Interconnection, LLC Jason Connell **Becky Davis** PJM Interconnection, LLC

Transmission Owner Generation Owner Generation Owner Transmission Owner Transmission Owner Transmission Owner Transmission Owner Transmission Owner Not Applicable Not Applicable Not Applicable None

None None Not Applicable Not Applicable Not Applicable Not Applicable Generation Owner Other Supplier Not Applicable Other Supplier Generation Owner Other Supplier Other Supplier Other Supplier Other Supplier

Other Supplier

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

Not Applicable





Janell Fabiano	PJM Interconnection, LLC
Tom Falin	PJM Interconnection, LLC
Pauline Foley	PJM Interconnection, LLC
Suzanne Glatz	PJM Interconnection, LLC
Jim Glennon	PJM Interconnection, LLC
Michele Greening	PJM Interconnection, LLC
Joe Hay	PJM Interconnection, LLC
Suzanne Herel	PJM Interconnection, LLC
Eric Hsia	PJM Interconnection, LLC
Marilyn Jayachandran	PJM Interconnection, LLC
Jack Keegan	PJM Interconnection, LLC
Jonathan Kern	PJM Interconnection, LLC
Ed Kovler	PJM Interconnection, LLC
Matt LaRocque	PJM Interconnection, LLC
Lori Murphy Lee	PJM Interconnection, LLC
Miguel Leon	PJM Interconnection, LLC
Andrew Levitt	PJM Interconnection, LLC
Jessica Lynch	PJM Interconnection, LLC
Susan McGill	PJM Interconnection, LLC
Paul McGlynn	PJM Interconnection, LLC
Megan McLaverty	PJM Interconnection, LLC
Shaun Murphy	PJM Interconnection, LLC
Wenzheng Qiu	PJM Interconnection, LLC
Ken Schuyler	PJM Interconnection, LLC
Ken Seiler	PJM Interconnection, LLC
Jason Shoemaker	PJM Interconnection, LLC
Mark Sims	PJM Interconnection, LLC
Harliv Singh	PJM Interconnection, LLC
Michelle Souder	PJM Interconnection, LLC
Chris Terranova	PJM Interconnection, LLC
Nebiat Tesfa	PJM Interconnection, LLC
Jack Thomas	PJM Interconnection, LLC
Jen Tribulski	PJM Interconnection, LLC
Stuart Widom	PJM Interconnection, LLC
Shadab Ali	PPL Electric Utilities Corp. dba PPL Utilities
Russell Dehaut	PPL Electric Utilities Corp. dba PPL Utilities
John Feller	PPL Electric Utilities Corp. dba PPL Utilities
Meagan Kuchan	PPL Electric Utilities Corp. dba PPL Utilities
Horst Lehmann	PPL Electric Utilities Corp. dba PPL Utilities
Steven Nadel	PPL Electric Utilities Corp. dba PPL Utilities
Alexa Rooney	PPL Electric Utilities Corp. dba PPL Utilities
Amanda Rumsey	PPL Electric Utilities Corp. dba PPL Utilities
Gary Greiner	PSEG Energy Resources and Trade LLC
Roseanne Circelli	Public Service Electric & Gas Company
Cameron De Angelis	Public Service Electric & Gas Company

dba PPL Utilities nd Trade LLC as Company Cameron DeAngelis Public Service Electric & Gas Company Garan Gunn Public Service Electric & Gas Company Daniel Hutt Public Service Electric & Gas Company Esam Khadr Public Service Electric & Gas Company Leonid Lyakhovich Public Service Electric & Gas Company Richard Marinelli Public Service Electric & Gas Company Public Service Electric & Gas Company Alex Stern Heather Svenson Public Service Electric & Gas Company Mahila Christopher Public Utilities Commission of Ohio (The) Public Utilities Commission of Ohio (The) Debbie Gebolys Tom Hoatson Riverside Generating, LLC Rockland Electric Company

Rollie Mangonon Rockland Electric Company Michael Yoder **RTO** Insider Bill Skumanich RTR Energy Solutions LLC Karthik mekala RWE Renewables Americas, LLC Savion Energy James Okenfuss Shell Energy North America (US), LP Sean Chang

Lisa Mattson Sun Tribe Solar, LLC Jennifer Hohenshilt Talen Energy Marketing, LLC Kenneth Foladare

Lubaba Islam

Not Applicable Not Applicable

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

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Brad Heisey Vince DeGiusto Mike Jacobs Ronnie Bailey Becky Robinson Wendy Warren

Author: Molly Mooney

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