

Long-Term Transmission Planning Reform Workshop - Session 6
Conference & Training Center and Webex
June 7, 2022
2:00 p.m. – 4:40 p.m. EPT

Administration (2:00 - 2:05)


1. Molly Mooney provided a welcome, announcements and Anti-trust, Code of Conduct, and Public Meetings/Media Participation Guidelines.
2. Molly Mooney, reviewed draft minutes from the May 25, 2022 Long-Term Transmission Planning Workshop.

Meeting Materials (2:05 – 4:30)

3. Stakeholders who signed up to speak provided comments on Long-Term Transmission Planning Reform ~~and the FERC NOPR in general and specifically to the posted questions PJM raised.~~ The following speakers presented:
 - a. Tom Rutigliano (Natural Resources Defense Council) & Gabe Tabak (American Clean Power)
 - b. Josh Burkholder (American Electric Power)
 - c. Hannes Pfeifenberger (Brattle)
 - d. Robert Taylor (Exelon)
 - e. Andrew Taylor (NextEra)
 - f. Josh Grindeland (Pine Gate Renewables)
 - g. Bob Weishaar (McNees Wallace & Nurick, LLC) – deferred to July 12, 2022 meeting
 - h. Larry Gasteiger (WIRES) – deferred to July 12, 2022 meeting

Closing Remarks and Next Steps (4:30 – 4:40)

4. PJM provided closing remarks and discussed the continuation of stakeholder presentations at the July 12, 2022 workshop. ~~PJM reminded stakeholders that a~~ The final version of the PJM whitepaper was also referenced for stakeholder comment has been posted and is available for reference.

| Future Meeting Dates and Materials | | | Materials Due to Secretary  | Materials Published |
|------------------------------------|-----------------------|---|--|--------------------------|
| Date | Time | Meeting (Location) | | |
| Tuesday, July 12, 2022 | 3:00 p.m. – 5:00 p.m. | Long Term Transmission Planning Policy Workshop – Session 7 (CTC/WebEx) | Tuesday, July 5, 2022 | Thursday, July 7, 2022 |
| Tuesday, August 9, 2022 | 3:00 p.m. – 5:00 p.m. | Long Term Transmission Planning Policy Workshop – Session 8 (CTC/WebEx) | Monday, August 1, 2022 | Thursday, August 4, 2022 |

Attendance List

| | | |
|--------------------------|--|----------------------|
| Molly Mooney (Secretary) | PJM Interconnection, LLC | Not Applicable |
| Shilpa Toppo | 174 Power Global | Not Applicable |
| Muhsin Abdur-Rahman | ABB | Not Applicable |
| Benjamin Greene | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Ed Achaab | AEP Energy Partners, Inc. | Other Supplier |
| Josh Burkholder | AEP Indiana-Michigan Transmission Company, Inc. | Transmission Owner |
| Nicolas Koehler | AEP Indiana-Michigan Transmission Company, Inc. | Transmission Owner |
| Ashutosh Tiwari | AES Energy Storage, LLC | Generation Owner |
| Bridget Sparks | AES Ohio Generation, LLC | Not Applicable |
| Jason Street | AES Ohio Generation, LLC | Not Applicable |
| Gabe Tabak | American Clean Power Association | Not Applicable |
| Tyler Berton | American Electric Power | Transmission Owner |
| Gerit Hull | American Municipal Power, Inc. | Electric Distributor |
| Art Iler | American Municipal Power, Inc. | Electric Distributor |
| Sari Fink | American Wind Energy Association | Not Applicable |
| Brock Ondayko | Appalachain Power Company | Transmission Owner |
| Chad Heitmeyer | Appalachian Power Company | Transmission Owner |
| Takis Laios | Appalachian Power Company | Transmission Owner |
| Zelalem Tekle | Baltimore Gas and Electric | Transmission Owner |
| Hannes Pfeifenberger | Brattle | Not Applicable |
| Kathleen Spees | Brattle | Not Applicable |
| Brett White | Brett White | Not Applicable |
| Stephen Kelly | Brookfield Energy Marketing LP | Other Supplier |
| Rowen VonPlagenhoef | Charles River Associates | Not Applicable |
| Christian McDewell | Commonwealth of PA | Not Applicable |
| Jason Barker | Constellation Energy Generation, LLC | Generation Owner |
| Christopher Nekolny | Constellation Energy Generation, LLC | Generation Owner |
| 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 |
| Ruth Ann Price | Division of the Public Advocate of the State of Delaware | End User Customer |
| Cynthia Bothwell | DOE Wind Energy Technologies Office | Not Applicable |
| Ryen Lawson | Dominion Virginia Power | Transmission Owner |
| Jay Rasmussen | Duke Energy Business Services LLC | Transmission Owner |
| Steve Steinkuhl | Duke Energy Business Services LLC | Transmission Owner |
| Jeff Baker | Duke Energy Ohio, Inc. | Transmission Owner |
| Janessa Kent | Duquesne Light Company | Transmission Owner |
| Tom Rutigliano | Earth Networks | Other Supplier |
| Darrin Adams | East Kentucky Power Cooperative, Inc. | Transmission Owner |
| Chuck Dugan | East Kentucky Power Cooperative, Inc. | Transmission Owner |
| Denise Foster Cronin | East Kentucky Power Cooperative, Inc. | Transmission Owner |
| Paul Sotkiewicz | E-Cubed Policy Associates | Not Applicable |
| John Brodbeck | EDP Renewables North America LLC | Generation Owner |
| Steve Huntoon | Energy Counsel, LLP | Not Applicable |
| Dan Mooy | Energy Exemplar | Not Applicable |
| Gina Jardot | Essential Power, LLC | Generation Owner |
| Rajesh Bhana | Exelon Business Services Company, LLC | Transmission Owner |
| Thomas Leeming | Exelon Business Services Company, LLC | Transmission Owner |
| Robert Taylor | Exelon Business Services Company, LLC | Transmission Owner |
| Tom Bainbridge | FirstEnergy Solutions Corp. | Transmission Owner |
| Jim Benchek | FirstEnergy Solutions Corp. | Transmission Owner |
| Jeff Stuchell | FirstEnergy Solutions Corp. | Transmission Owner |
| Tom Hyzinski | GT Power Group | Not Applicable |
| Jeff Whitehead | GT Power Group | Not Applicable |
| Larry Borum | Illinois Commerce Commission | Not Applicable |
| Zachary Callen | Illinois Commerce Commission | Not Applicable |
| Christine Ericson | Illinois Commerce Commission | Not Applicable |
| Katharine McCormick | Illinois Commerce Commission | Not Applicable |
| Dave Johnston | Indiana Utility Regulatory Commission | Not Applicable |
| John Kopinski | ITC Mid-Atlantic Development LLC | Other Supplier |
| Justin McNeil | Kentucky Government | Not Applicable |

| | | |
|--------------------|--|----------------------|
| Philip Sussler | Maryland Public Service Commission | Not Applicable |
| Kathleen Wehnes | Maryland Public Service Commission | Not Applicable |
| Bob Weishaar | McNeese Wallace & Nurick LLC | Not Applicable |
| Erik Hanser | Michigan Public Service Commission | Not Applicable |
| Christin Domian | Mitsubishi Electric Power Products Inc. | Not Applicable |
| Joseph Bowring | Monitoring Analytics | Not Applicable |
| Colin Walcavich | National Grid Renewables | Not Applicable |
| Cullen Howe | Natural Resources Defense Council | Not Applicable |
| Joe DeLosa | New Jersey Board of Public Utilities | Not Applicable |
| David Schmitt | New Jersey Board Of Public Utilities | Not Applicable |
| Sarah Ladin | New York University | Not Applicable |
| Andrew Taylor | NextEra Energy Transmission, LLC | Other Supplier |
| Mike Dailey | Northern Virginia Electric Cooperative | Electric Distributor |
| Ruth Holdbrook | Northern Virginia Electric Cooperative | Electric Distributor |
| Heather Anderson | Novec | Not Applicable |
| Erik Heinle | Office of the Peoples Counsel for the District of Columbia | End User Customer |
| Tom Schmidt | Ohio Electric Cooperatives | Not Applicable |
| Ryan Strom | Ohio Electric Cooperatives | Not Applicable |
| Bao Pham | Old Dominion Electric Cooperative | Electric Distributor |
| Shahab Uddin | Old Dominion Electric Cooperative | Electric Distributor |
| Ben Sloan | OPSI | Not Applicable |
| Don Kaplan | Other | Not Applicable |
| Pulin Shah | PECO Energy Company | Transmission Owner |
| Kimberly Barrow | Pennsylvania Public Utility Commission | Not Applicable |
| Jordan VanOrder | Pennsylvania Public Utility Commission | Not Applicable |
| Christina Bigelow | Pine Gate Renewables | Not Applicable |
| Regan Fink | Pine Gate Renewables | Not Applicable |
| Andrew Grieve | Pine Gate Renewables | Not Applicable |
| Josh Grindeland | Pine Gate Renewables | Not Applicable |
| Chris Stolz | Pine Gate Renewables | Not Applicable |
| Sami Abdulsalam | PJM Interconnection, LLC | Not Applicable |
| David Anders | PJM Interconnection, LLC | Not Applicable |
| Shekhar Awasthi | PJM Interconnection, LLC | Not Applicable |
| Stephen Bennett | PJM Interconnection, LLC | Not Applicable |
| Emanuel Bernabeu | PJM Interconnection, LLC | Not Applicable |
| Matthew Bernstein | PJM Interconnection, LLC | Not Applicable |
| Jason Connell | PJM Interconnection, LLC | Not Applicable |
| Kyle Copeland | PJM Interconnection, LLC | Not Applicable |
| Thomas DeVita | 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 |
| Suzanne Herel | PJM Interconnection, LLC | Not Applicable |
| Michael Herman | PJM Interconnection, LLC | Not Applicable |
| Jessica Lynch | PJM Interconnection, LLC | Not Applicable |
| Grace Niu | PJM Interconnection, LLC | Not Applicable |
| Wenzheng Qiu | PJM Interconnection, LLC | Not Applicable |
| Alexandra Scheirer | PJM Interconnection, LLC | Not Applicable |
| Ken Schuyler | PJM Interconnection, LLC | Not Applicable |
| Ken Seiler | PJM Interconnection, LLC | Not Applicable |
| David Souder | PJM Interconnection, LLC | Not Applicable |
| Chris Terranova | PJM Interconnection, LLC | Not Applicable |
| Koushy Nareshkumar | Potomac Electric Power | Electric Distributor |
| Shadab Ali | PPL Electric Utilities Corp. dba PPL Utilities | Transmission Owner |
| Steven Nadel | PPL Electric Utilities Corp. dba PPL Utilities | Transmission Owner |
| Lindsay Orphanides | PPL Electric Utilities Corp. dba PPL Utilities | Transmission Owner |
| Cleveland Richards | PPL Electric Utilities Corp. dba PPL Utilities | Transmission Owner |
| Laura Yovanovich | PPL Electric Utilities Corp. dba PPL Utilities | Transmission Owner |
| Rich Corash | PSEG Energy Resources and Trade LLC | Other Supplier |
| Cara Lewis | PSEG Energy Resources and Trade LLC | Transmission Owner |
| Mohamed Zahidi | PSEG Energy Resources and Trade LLC | Transmission Owner |
| Nabeel Aslam | 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 |



Draft Minutes

Leonid Lyakhovich
Richard Marinelli
Ana Murteira
Catherine Schmitt
Heather Svenson
Samia Tasnim
Brandon Young
Mahila Christopher
Debbie Gebolys
Sarah Parrot
Tom Hoatson
Lubaba Islam
Karthik mekala
John Rohrbach
Jennifer Hohenshilt
Hamid Kazerooni
Brad Swalwell
Kenneth Foladare
Shaun Murphy
Lixia Li
Cheri Yochelson
Becky Robinson
Larry Gasteiger
Carolyn Wetterlin

Public Service Electric & Gas Company
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Public Utilities Commission of Ohio (The)
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Public Utilities Commission of Ohio (The)
Riverside Generating, LLC
Rockland Electric Company
RWE Renewables Americas, LLC
Southern Maryland Electric Cooperative
Talen Energy Marketing, LLC
Talen Energy Marketing, LLC
Tangent Energy Solutions, Inc.
Tangibl
Urban Grid Solar Projects, LLC
Virginia Electric & Power Company
Virginia Electric & Power Company
Vistra Energy
WIRES
Xcel Energy, Inc

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

Author: M.Mooney