

# Minutes

## Members Committee

Two Hundred-Fifty-First Meeting  
Marriott Waterfront, Baltimore, MD

**May 6, 2024**

1:00 p.m. – 5:00 p.m. EDT

### 1. Comments by the President and CEO

Manu Asthana provided remarks on the state of PJM, noting both successes and lessons learned over the last year.

### 2. Comments by the Members Committee Chair

Sharon Midgley provided remarks on the past year's accomplishments.

### 3. Administration

- A. David Anders announced the following new member companies approved for PJM membership since the last meeting:

| Member Name   | Member Type<br>(Affiliate or<br>Voting) | Voting Member<br>(if Affiliate) | Sector         |
|---|---|---------------------------------|----------------|
| Bluebird Solar LLC                                  | Affiliate Member                        | Fern Solar LLC                  | Other Supplier |
| CN Lines Investments<br>LLC                         | Affiliate Member                        | NDC Partners, LLC               | Other Supplier |
| DRW Energy Trading<br>LLC                           | Affiliate Member                        | Altrock LLC                     | Other Supplier |
| Lightsource Renewable<br>Energy Development,<br>LLC | Affiliate Member                        | BP Energy Company               | Other Supplier |

He noted that seven members had withdrawn since the last meeting and that the total membership stands at 1099. Twenty-four withdrawn members await FERC approval prior to their membership being terminated. Finally, he noted that eight members had changed sectors:

| Member Name                    | Member Type (Affiliate or Voting) | Current Sector | New Sector       |
|--------------------------------|-----------------------------------|----------------|------------------|
| Blue Harvest Solar Park LLC    | Affiliate Member                  | Other Supplier | Generation Owner |
| Caden Energix Axton LLC        | Affiliate Member                  | Other Supplier | Generation Owner |
| CPV Three Rivers, LLC          | Affiliate Member                  | Other Supplier | Generation Owner |
| Invenergy Nelson Expansion LLC | Affiliate Member                  | Other Supplier | Generation Owner |
| NRG Business Marketing LLC     | Voting Member                     | Other Supplier | Generation Owner |
| Timber Road Solar Park LLC     | Affiliate Member                  | Other Supplier | Generation Owner |
| Urban Grid Solar Projects, LLC | Affiliate Member                  | Other Supplier | Generation Owner |
| Waverly Solar, LLC             | Voting Member                     | Other Supplier | Generation Owner |

- B. David Anders confirmed the presence of a quorum.
- C. David Anders reminded participants of Antitrust, Code of Conduct, and Meeting Participation guidelines.

#### 4. Consent Agenda

Items A through C were **approved/endorsed** by acclamation with no objections or abstentions:

- A. Draft minutes of the March 20, 2024 meeting.
- B. A replacement Finance Committee representative from the Generation Owner Sector.
- C. Proposed Reliability Assurance Agreement revisions addressing dual fuel attestation for Effective Load Carrying Capability (ELCC) resources.

#### 5. PJM Board of Managers Nominating Committee (NC)

Dean Oskvig reviewed the activities of the NC. The Members Committee (MC) **elected** the following members of the Board of Managers:

- Paula Conboy (three-year term)
- David Mills (three-year term)
- Vickie VanZandt (three-year term)

Dean Oskvig thanked the sector representatives to the NC:

- Electric Distributor Sector Bill Pezalla, ODEC
- End Use Customer Sector Susan Bruce, PJM Industrial Customer Coalition
- Generation Owner Marji Philips, Rolling Hills Generating, LLC
- Other Supplier Sector Sean Chang, Shell Energy North America (US), L.P.
- Transmission Owner Sector Laura Yovanovich, PPL Electric Utilities Corporation

## 6. Diversity, Equity and Inclusion Moment (DEI)

Michael Coyle provided reflections on diversity, equity and inclusion opportunities focusing on the theme of Empathy.

## 7. Panel Discussion Regarding Innovation Efforts at PJM

Susan Buehler moderated a panel discussion with Chantal Hendrzak, Dave Souder and Emmanuel Bernabeu regarding innovation efforts at PJM.

## 8. Proposed Operating Agreement (OA) and Tariff Revisions to Move the Planning Protocol from the OA to the Tariff and PJM Notice of Consultation with the Members Committee pursuant to Tariff Section 9.2(b) and Transmission Owners pursuant to CTOA Section 7.5.1(ii)

- A. David Anders addressed the request made by the PJM Board of Managers pursuant to OA section 7.7(v) for the Members Committee to vote on proposed OA and Tariff revisions effecting the transfer of the Regional Transmission Planning Protocol from the OA to the Tariff.
- B. Jessica Lynch reviewed proposed OA and Tariff revisions that would serve to move Schedule 6 (including Schedules 6-A and 6-B) of the OA to the Tariff along with any necessary conforming OA and Tariff changes.

Following discussion, the MC vote on the proposed OA and Tariff revisions **failed** in a sector-weighted vote with 1.227 in favor.

## 9. Governing Document Clarifying Revisions

Michele Greening and Dan Vinnik reviewed proposed clarifying Tariff, Reliability Assurance Agreement (RAA), and OA revisions addressing market related references as endorsed by the Governing Documents Enhancements and Clarifications Subcommittee (GDECS) in March. Following discussion, the proposed OA, Tariff and RAA revisions were **approved/endorsed** in a sector-weighted vote with 3.867 in favor.

## 10. MC Vice Chair Report

- A. Lynn Horning provided an update on Members Committee Annual Plan.

B. Lynn Horning reviewed the May 6, 2024 Liaison Committee (LC) meeting with the PJM Board of Managers.

### 11. Future Agenda Items

No new future agenda items were identified.

### 12. Future Meetings

| Future Meeting Dates and Materials |           |  | Materials Due to Secretary | Materials Published |
|------------------------------------|-----------|--|----------------------------|---------------------|
| Date                               | Time      | Location                                   | 5:00 p.m. EPT deadline*    |                     |
| <i>May 22, 2024</i>                | 1:15 p.m. | PJM Conference & Training Center and WebEx | May 10, 2024               | May 15, 2024        |
| <i>June 27, 2024</i>               | 1:15 p.m. | PJM Conference & Training Center and WebEx | June 17, 2024              | June 20, 2024       |
| <i>July 24, 2024</i>               | 1:15 p.m. | PJM Conference & Training Center and WebEx | July 12, 2024              | July 17, 2024       |
| <i>September 25, 2024</i>          | 1:15 p.m. | PJM Conference & Training Center and WebEx | September 13, 2024         | September 18, 2024  |
| <i>October 30, 2024</i>            | 1:15 p.m. | PJM Conference & Training Center and WebEx | October 18, 2024           | October 23, 2024    |
| <i>November 20, 2024</i>           | 1:15 p.m. | PJM Conference & Training Center and WebEx | November 8, 2024           | November 13, 2024   |
| <i>December 18, 2024</i>           | 1:15 p.m. | PJM Conference & Training Center and WebEx | December 6, 2024           | December 11, 2024   |

Author: D. Anders

### Meeting Attendance

#### Chair/Secretary

| Last Name | First Name | Company                               | Sector             |
|-----------|------------|---------------------------------------|--------------------|
| Midgley   | Sharon     | Exelon Business Services Company, LLC | Transmission Owner |
| Anders    | Dave       | PJM Interconnection                   | None               |

#### Voting Attendees

| Last Name | First Name | Company                               | Sector             |
|-----------|------------|---------------------------------------|--------------------|
| Ghosh     | Abhishek   | Cypress Creek Renewables, LLC         | Generation Owner   |
| Stern     | Alexander  | Exelon Business Services Company, LLC | Transmission Owner |

|             |           |  |                      |
|-------------|-----------|--|----------------------|
| Kays        | Andrew    | Northeast Maryland Waste Disposal Authority          | Generation Owner     |
| Moye        | Bob       | Tyr Energy, LLC                                      | Other Supplier       |
| Swalwell    | Bradley   | Tangent Energy Solutions, Inc.                       | Other Supplier       |
| Vayda       | Brian     | Borough of South River, New Jersey                   | Electric Distributor |
| Vayda       | Brian     | Vineland Municipal Electric Utility                  | Electric Distributor |
| Vayda       | Brian     | Borough of Milltown, New Jersey                      | Electric Distributor |
| Vayda       | Brian     | Borough of Park Ridge, New Jersey                    | Electric Distributor |
| Vayda       | Brian     | Borough of Lavallette, New Jersey                    | Electric Distributor |
| Vayda       | Brian     | Borough of Madison, New Jersey                       | Electric Distributor |
| Vayda       | Brian     | Borough of Seaside Heights, New Jersey               | Electric Distributor |
| Vayda       | Brian     | Borough of Pemberton, New Jersey                     | Electric Distributor |
| Vayda       | Brian     | Borough of Butler, Butler Electric Division          | Electric Distributor |
| Bleiweis    | Bruce     | DC Energy, LLC                                       | Other Supplier       |
| Garnett     | Bryan     | Duke Energy Business Services LLC                    | Transmission Owner   |
| Johnson     | Carl      | Borough of Mont Alto, Pennsylvania                   | Electric Distributor |
| Johnson     | Carl      | Buckeye Power, Inc.                                  | Electric Distributor |
| Johnson     | Carl      | Central Virginia Electric Cooperative                | Electric Distributor |
| Johnson     | Carl      | City of Dover, Delaware                              | Electric Distributor |
| Johnson     | Carl      | Delaware Municipal Electric Corporation, Inc.        | Electric Distributor |
| Johnson     | Carl      | Easton Utilities Commission                          | Electric Distributor |
| Johnson     | Carl      | Energy Cooperative Association of Pennsylvania (The) | Other Supplier       |
| Johnson     | Carl      | Hagerstown Light Department                          | Electric Distributor |
| Johnson     | Carl      | Illinois Municipal Electric Agency                   | Electric Distributor |
| Johnson     | Carl      | Indiana Municipal Power Agency                       | Electric Distributor |
| Johnson     | Carl      | Michigan Public Power Agency                         | Electric Distributor |
| Johnson     | Carl      | North Carolina Electric Membership Corporation       | Electric Distributor |
| Johnson     | Carl      | Northern Virginia Electric Cooperative (NOVEC)       | Electric Distributor |
| Johnson     | Carl      | Old Dominion Electric Cooperative                    | Electric Distributor |
| Johnson     | Carl      | Thurmont Municipal Light Company                     | Electric Distributor |
| Johnson     | Carl      | Town of Williamsport (The)                           | Electric Distributor |
| Johnson     | Carl      | WPPI Energy  | Other Supplier       |
| Johnson     | Carl      | Blue Ridge Power Agency, Inc.                        | Electric Distributor |
| Johnson     | Carl      | Borough of Chambersburg                              | Electric Distributor |
| Domian      | Christin  | Duquesne Light Company                               | Transmission Owner   |
| Dugan       | Chuck     | East Kentucky Power Cooperative, Inc.                | Transmission Owner   |
| Summers     | Clara     | Illinois Citizen Utility Board                       | End-Use Customer     |
| Scarpignato | David     | Calpine Energy Services, L.P.                        | Generation Owner     |
| Ingraham    | Deborah   | Acciona Energy North America Corporation             | Generation Owner     |
| Heinle      | Frederick | Dynegy Marketing and Trade, LLC                      | Generation Owner     |
| Mason       | Gary      | Monongahela Power Company                            | Transmission Owner   |

|            |          |  |                      |
|------------|----------|--|----------------------|
| Jardot     | Gina     | NRG Business Marketing LLC   | Generation Owner     |
| Poulos     | Greg     | Maryland Office of People's Counsel  | End-Use Customer     |
| Poulos     | Greg     | Delaware Division of the Public Advocate   | End-Use Customer     |
| Poulos     | Greg     | Public Staff - North Carolina Utilities Commission   | End-Use Customer     |
| Poulos     | Greg     | Indiana Office of Utility Consumer Counselor (IN OUCC)   | End-Use Customer     |
| Poulos     | Greg     | New Jersey Division of Rate Counsel  | End-Use Customer     |
| Poulos     | Greg     | West Virginia Consumer Advocate Division   | End-Use Customer     |
| Poulos     | Greg     | Michigan Department of Attorney General,<br>Environment, Natural Resources, & Agriculture Division | End-Use Customer     |
| Svenson    | Heather  | Public Service Electric and Gas Company  | Transmission Owner   |
| Ushijima   | Hiroaki  | Elwood Energy, LLC   | Generation Owner     |
| Davis      | James    | Virginia Electric & Power Company  | Transmission Owner   |
| Barker     | Jason    | Vitol Inc.   | Generation Owner     |
| Levine     | Jeffrey  | ENGIE Energy Marketing NA, Inc.  | Other Supplier       |
| Whitehead  | Jeffrey  | Essential Power Rock Springs, LLC  | Generation Owner     |
| Whitehead  | Jeffrey  | Neptune Regional Transmission System, LLC  | Transmission Owner   |
| Whitehead  | Jeffrey  | Parkway Generation Operating LLC   | Generation Owner     |
| Whitehead  | Jeffrey  | Wheelabrator Falls Inc.  | Generation Owner     |
| Hohenshilt | Jennifer | Talen Energy Marketing, LLC  | Generation Owner     |
| Brodbeck   | John     | EDP Renewables North America LLC   | Generation Owner     |
| Horstmann  | John     | Dayton Power & Light Company (The)   | Transmission Owner   |
| Rohrbach   | John     | Kentucky Municipal Energy Agency   | Electric Distributor |
| Rohrbach   | John     | Wabash Valley Power Association, Inc.  | Electric Distributor |
| Rohrbach   | John     | Southern Maryland Electric Cooperative, Inc.   | Electric Distributor |
| Anderson   | Juliet   | Constellation Energy Generation, LLC   | Generation Owner     |
| Foladare   | Kenneth  | Geenex Solar LLC   | Other Supplier       |
| Kilgallen  | Kevin    | Avangrid Renewables, LLC   | Generation Owner     |
| Fishback   | Luke     | Affirmed Energy LLC  | Other Supplier       |
| Horning    | Lynn     | American Municipal Power, Inc.   | Electric Distributor |
| Esquivel   | Manuel   | Enel X North America, Inc.   | Other Supplier       |
| Hurwich    | Mark     | Elliott Bay Energy Trading, LLC  | Other Supplier       |
| Fultz      | McClain  | PPL Electric Utilities Corporation d/b/a PPL Utilities   | Transmission Owner   |
| Tubridy    | Meg      | Rockland Electric Company  | Transmission Owner   |
| Borgatti   | Michael  | Hill Top Energy Center, LLC  | Generation Owner     |
| Borgatti   | Michael  | Hazleton Generation LLC  | Generation Owner     |
| Borgatti   | Michael  | Recurrent Energy, LLC  | Other Supplier       |
| Borgatti   | Michael  | Lincoln Generating Facility, LLC   | Generation Owner     |
| Borgatti   | Michael  | NextEra Energy Marketing, LLC  | Other Supplier       |
| Borgatti   | Michael  | Eagle Point Power Generation LLC   | Generation Owner     |
| Borgatti   | Michael  | Jersey Green Energy, LLC   | Other Supplier       |

|          |         |   |                      |
|----------|---------|---|----------------------|
| Borgatti | Michael | York County Solid Waste and Refuse Authority      | Generation Owner     |
| Borgatti | Michael | Moxie Freedom LLC                                 | Generation Owner     |
| Borgatti | Michael | Longview Power, LLC                               | Generation Owner     |
| Chu      | Michael | Forest Investment Group, LLC                      | Other Supplier       |
| Cicero   | Patrick | Pennsylvania Office of Consumer Advocate          | End-Use Customer     |
| Fink     | Regan   | Pine Gate Mid-Atlantic, LLC                       | Generation Owner     |
| Long     | Scott   | Allegheny Electric Cooperative, Inc.              | Electric Distributor |
| Bruce    | Susan   | Kuehne Chemical Company, Inc.                     | End-Use Customer     |
| Bruce    | Susan   | PBF Power Marketing, LLC                          | End-Use Customer     |
| Bruce    | Susan   | Icetec.com, Inc.                                  | Other Supplier       |
| Bruce    | Susan   | Diamond State Generation Partners, LLC            | Generation Owner     |
| Bruce    | Susan   | Kimberly-Clark Corporation                        | Generation Owner     |
| Bruce    | Susan   | NextPower III US Holdco Inc.                      | Generation Owner     |
| Bruce    | Susan   | Gerdau Ameristeel Energy, Inc.                    | End-Use Customer     |
| Bruce    | Susan   | Air Products & Chemicals, Inc.                    | End-Use Customer     |
| Bruce    | Susan   | Messer LLC  | End-Use Customer     |
| Bruce    | Susan   | Letterkenny Industrial Development Authority - PA | Electric Distributor |
| Bruce    | Susan   | Procter & Gamble Paper Products Company (The)     | End-Use Customer     |
| Bruce    | Susan   | Linde Inc.  | End-Use Customer     |
| Bruce    | Susan   | Lehigh Portland Cement Company                    | End-Use Customer     |
| Bruce    | Susan   | Trustees of the University of Pennsylvania        | End-Use Customer     |
| Bruce    | Susan   | Wellsboro Electric Company                        | Electric Distributor |
| Bruce    | Susan   | Cleveland-Cliffs Steel LLC                        | End-Use Customer     |
| Laios    | Takis   | Appalachian Power Company                         | Transmission Owner   |
| Hoatson  | Tom     | Rolling Hills Generating, LLC                     | Generation Owner     |

#### ***Non-Voting Attendees***

| <b>Last Name</b> | <b>First Name</b> | <b>Company</b>                        | <b>Sector</b>      |
|------------------|-------------------|---------------------------------------|--------------------|
| Abdur-rahman     | Muhsin            | Dynegy Marketing and Trade, LLC       | Generation Owner   |
| Adams            | Darrin            | East Kentucky Power Cooperative, Inc. | Transmission Owner |
| Allen            | Carrie            | Constellation Energy Generation, LLC  | Generation Owner   |
| Antinori         | Andy              | New York Power Authority              | Other Supplier     |
| Astrop           | Robbie            | Electric Power Engineers              | None               |
| Baracat          | Nada              | Forked River Power LLC                | Generation Owner   |
| Barron           | Kathleen          | Constellation Energy Generation, LLC  | Generation Owner   |
| Baskaran         | Angelin           | Morgan Stanley Capital Group Inc.     | Other Supplier     |
| Batchelder       | Batch             | Hartigen Solutions                    | None               |
| Batta            | Mike              | Virginia Electric & Power Company     | Transmission Owner |
| Bautista         | Alejandro         | Exelon Business Services Company, LLC | Transmission Owner |
| Bischof          | Zander            | MN8 Energy LLC                        | None               |

|              |           |  |                      |
|--------------|-----------|--|----------------------|
| Borgatti     | Mike      | Gabel Associates                                       | None                 |
| Bowring      | Joe       | Monitoring Analytics                                   | None                 |
| Boyd         | Jamie     | NJR Clean Energy Ventures Corporation                  | Generation Owner     |
| Breidenbaugh | Aaron     | Enerwise Global Technologies, LLC                      | Other Supplier       |
| Bruni        | Karen     | Steptoe  | None                 |
| Bucobo       | Javier    | Avangrid Networks, Inc.                                | Other Supplier       |
| Burkholder   | Josh      | AEP  | Transmission Owner   |
| Callen       | Zachary   | Illinois Commerce Commission                           | None                 |
| Cano         | Jessica   | Appalachian Power Company                              | Transmission Owner   |
| Canter       | David     | Appalachian Power Company (AEP Generation)             | Transmission Owner   |
| Carmean      | Gregory   | The Organization of PJM States, Inc.                   | None                 |
| Carrier      | Ron       | Big Lake Consulting Group, LLC                         | None                 |
| Catenacci    | Glenn     | Public Service Electric and Gas Company                | Transmission Owner   |
| Chandler     | Kent      | Kentucky Public Service Commission                     | None                 |
| Chang        | Sean      | Shell Energy North America (US), L.P.                  | Other Supplier       |
| Christopher  | Mahila    | Public Utilities Commission of Ohio                    | None                 |
| Clayton      | Bo        | Affirmed Energy LLC                                    | Other Supplier       |
| Corash       | Richard   | Public Service Electric and Gas Company                | Transmission Owner   |
| Craddock     | F.        | Orion Solutions  | None                 |
| Crudup       | Larry     | Customized Energy Solutions, Ltd.                      | None                 |
| Dale         | Doug      | Exelon Business Services Company, LLC                  | Transmission Owner   |
| Dardis       | David     | Constellation Energy Generation, LLC                   | Generation Owner     |
| Davies       | Steve     | Indiana Utility Regulatory Commission                  | None                 |
| Davis        | David     | Apex Clean Energy, Inc                                 | None                 |
| Davis        | Jamie     | Duquesne Light Company                                 | Transmission Owner   |
| Denby        | Brett     | Northern Virginia Electric Cooperative (NOVEC)         | Electric Distributor |
| Devonish     | Regis     | AES Integrated Energy, LLC                             | Other Supplier       |
| DiBari       | Dominic   | CPV Maryland, LLC                                      | Generation Owner     |
| DiNicola     | Laura     | Monongahela Power Company d/b/a Allegheny Power        | Transmission Owner   |
| Dorko        | Keri      | Monitoring Analytics                                   | None                 |
| Dossin       | Sophia    | Big Sandy Peaker Plant, LLC                            | Generation Owner     |
| Drom         | Rick      | Non-Member   | None                 |
| Du           | Yuan      | Virginia Electric & Power Company                      | Transmission Owner   |
| Duensing     | Allison   | Saracen Power LP                                       | Other Supplier       |
| Eggers       | Dan       | Constellation Energy Generation, LLC                   | Generation Owner     |
| Emnett       | Mason     | Constellation Energy Generation, LLC                   | Generation Owner     |
| Engleman     | Michael   | Engleman Fallon, PLLC                                  | None                 |
| Ericson      | Christine | Illinois Commerce Commission                           | None                 |
| Everngam     | Scott     | Blue Horseshoe Energy LLC                              | None                 |
| Fabiano      | Janell    | PPL Electric Utilities Corporation d/b/a PPL Utilities | Transmission Owner   |



|                |           |  |                      |
|----------------|-----------|--|----------------------|
| Farnsworth     | Barney    | Wellsboro Electric Company                     | Electric Distributor |
| Filomena       | Guy       | Customized Energy Solutions, Ltd.              | None                 |
| Fink           | Sari      | MAREC Action                                   | None                 |
| Fisfis         | David     | Duquesne Light Company                         | Transmission Owner   |
| Fitzgerald     | John      | Tennessee Valley Authority (The)               | Other Supplier       |
| Foladare       | Ken       | Tangibl Group, Inc.                            | None                 |
| Ford           | Adrien    | Constellation Energy Generation, LLC           | Generation Owner     |
| Foster Cronin  | Denise    | East Kentucky Power Cooperative, Inc.          | Transmission Owner   |
| Fuess          | Christian | Diamond State Generation Partners, LLC         | Generation Owner     |
| Gagen          | Roderick  | Dominion Energy Generation Marketing, Inc.     | Generation Owner     |
| Ghosh          | Josh      | Cypress Creek Renewables, LLC                  | Generation Owner     |
| Giblin         | Noreen    | Public Service Electric and Gas Company        | Transmission Owner   |
| Glover         | Rob       | New Jersey Division of Rate Counsel            | End-Use Customer     |
| Gordon         | Jon       | Tennessee Valley Authority (The)               | Other Supplier       |
| Gorman         | Brad      | First Energy                                   | Transmission Owner   |
| Guntle         | Vince     | American PowerNet Management, LP               | End-Use Customer     |
| Guy            | Gary      | Exelon Business Services Company, LLC          | Transmission Owner   |
| Hanser         | Erik      | Michigan Public Service Commission             | None                 |
| Hanson         | Bryan     | Constellation Energy Generation, LLC           | Generation Owner     |
| Hastings       | David     | Public Service Electric and Gas Company        | Transmission Owner   |
| Hayes          | Krist     | ENGIE Energy Marketing NA, Inc.                | Other Supplier       |
| Helms          | Joe       | Tyr Energy, LLC                                | Other Supplier       |
| Herel          | Suzanne   | RTO Insider                                    | None                 |
| Hooker         | Marquette | Virginia Electric & Power Company              | Transmission Owner   |
| Hope-Battersby | Robin     | Shell Energy North America (US), L.P.          | Other Supplier       |
| Hudis          | Gabby     | Gabel Associates                               | None                 |
| Hugee          | Jacqui    | Dominion Energy South Carolina, Inc.           | Other Supplier       |
| Hull           | Gerit     | American Municipal Power, Inc                  | Electric Distributor |
| Hurd           | Shawn     | First Energy                                   | Transmission Owner   |
| Hyzinski       | Tom       | GT Power Group                                 | None                 |
| Iler           | Art       | Indiana Office of Utility Consumer Counselor   | End-Use Customer     |
| Ingraham       | Deborah   | Acciona Energy North America Corporation       | Generation Owner     |
| Isaac          | Carlos    | Exelon Business Services Company, LLC          | Transmission Owner   |
| Janas          | Kim       | Illinois Attorney General's Office             | None                 |
| Janicki        | Diane     | Boston Energy Trading and Marketing LLC        | Other Supplier       |
| Jarami         | Gil       | Northern Virginia Electric Cooperative (NOVEC) | Electric Distributor |
| Jett           | Bill      | Duke Energy Business Services LLC              | Transmission Owner   |
| Jones          | Scott     | Indiana Office of Utility Consumer Counselor   | End-Use Customer     |
| Kaczmarkiewicz | John      | Dynergy Marketing and Trade, LLC               | Generation Owner     |
| Kalaskar       | Rahul     | AES Energy Storage, LLC                        | Generation Owner     |

|               |           |   |                      |
|---------------|-----------|---|----------------------|
| Kaplan        | Don       | PPL Electric Utilities Corporation d/b/a PPL Utilities  | Transmission Owner   |
| Kent          | Janessa   | Duquesne Light Company                                  | Transmission Owner   |
| Keyser        | Will      | Steptoe   | None                 |
| Kirk          | Steve     | NextEra Energy Marketing, LLC                           | Other Supplier       |
| Klingensmith  | Laurel    | Monongahela Power Company d/b/a Allegheny Power         | Transmission Owner   |
| Koehler       | Mike      | Constellation Energy Generation, LLC                    | Generation Owner     |
| Kogut         | George    | New York Power Authority                                | Other Supplier       |
| Kosner        | Bob       | Illinois Municipal Electric Agency                      | Electric Distributor |
| Kutansky      | Susie     | Constellation Energy Generation, LLC                    | Generation Owner     |
| Lang-Ree      | Claire    | NRDC  | None                 |
| Lawton        | Nick      | Earthjustice  | None                 |
| Lee           | Ari       | Grays Ferry Cogeneration Partnership                    | Generation Owner     |
| Lee           | Lori      | Non-Member  | None                 |
| Leith-Yessian | Devin     | RTO Insider   | None                 |
| Lescano       | Amanda    | New Jersey Board of Public Utilities                    | None                 |
| Li            | Lixia     | EDP Renewables North America LLC                        | None                 |
| Lieberman     | Steven    | American Municipal Power, Inc                           | Electric Distributor |
| Lifson        | Matt      | Institute for Policy Integrity at NYU School of Law     | None                 |
| Lipman        | Brian     | New Jersey Division of Rate Counsel                     | End-Use Customer     |
| Longo         | Kurt      | Federal Energy Regulatory Commission                    | None                 |
| Lorenzen      | Danny     | Madison Fields Solar Project, LLC                       | Generation Owner     |
| Luftig        | Lisa      | Exelon Business Services Company, LLC                   | Transmission Owner   |
| Lunde         | Constance | Sargent and Lundy                                       | None                 |
| Mabry         | David     | Air Products & Chemicals, Inc.                          | End-Use Customer     |
| Mann          | Mike      | Forked River Power LLC                                  | Generation Owner     |
| Mariam        | Yohannes  | Office of People's Counsel for the District of Columbia | End-Use Customer     |
| Martin        | Valerie   | Federal Energy Regulatory Commission                    | None                 |
| Mattson       | Lisa      | Avangrid Renewables, LLC                                | Generation Owner     |
| Mazhari       | Matt      | Electric Power Engineers                                | None                 |
| McAlister     | Lisa      | American Municipal Power, Inc                           | Electric Distributor |
| McClelland    | Maura     | Public Utilities Commission of Ohio                     | None                 |
| McClure       | Emily     | Illinois Commerce Commission                            | None                 |
| McCorry       | Hannah    | Illinois Commerce Commission                            | None                 |
| McDewell      | Christian | PA Public Utilities Commission                          | None                 |
| McNeil        | Justin    | Kentucky Public Service Commission                      | None                 |
| Meyer         | Isaac     | EDP Renewables North America LLC                        | None                 |
| Midgley       | Sharon    | Exelon Business Services Company, LLC                   | Transmission Owner   |
| Midgley       | Sharon    | Exelon Business Services Company, LLC                   | Transmission Owner   |
| Miles         | Morenike  | Virginia Electric & Power Company                       | Transmission Owner   |
| Moore Darrah  | Rebecca   | Wabash Valley Power Association, Inc.                   | Electric Distributor |

|             |           |  |                      |
|-------------|-----------|--|----------------------|
| Moskowitz   | Sarah     | Citizens Utility Board of Illinois                     | End-Use Customer     |
| Murteira    | Ana       | Public Service Electric and Gas Company                | Transmission Owner   |
| Nadel       | Steven    | PPL Electric Utilities Corporation d/b/a PPL Utilities | Transmission Owner   |
| Nadell      | Steve     | PPL Electric Utilities Corporation d/b/a PPL Utilities | Transmission Owner   |
| Nayar       | Ankush    | Office of the People's Counsel, District of Columbia   | End-Use Customer     |
| Nix         | Emma      | EDF Renewables North America LLC                       | None                 |
| Norton      | Chris     | American Municipal Power, Inc                          | Electric Distributor |
| Ondayko     | Brock     | Appalachian Power Company (AEP Transmission)           | Transmission Owner   |
| Osborn      | Eric      | EDF Trading North America, LLC                         | Other Supplier       |
| Ovodenko    | Alexander | Federal Energy Regulatory Commission                   | None                 |
| Pakela      | Gregg     | DTE Energy Trading, Inc.                               | Other Supplier       |
| Park        | Grace     | Public Service Electric and Gas Company                | Transmission Owner   |
| Parker      | Amanda    | FirstEnergy Pennsylvania Electric Company              | Electric Distributor |
| Parrot      | Sarah     | Public Utilities Commission of Ohio                    | None                 |
| Parrott     | Keith     | Michigan Public Power Agency                           | Electric Distributor |
| Patel       | Anjali    | David Gardiner and Associates                          | None                 |
| Perkins     | Jake      | Rolling Hills Generating, LLC                          | Generation Owner     |
| Peskoe      | Ari       | Harvard Law School                                     | None                 |
| Pezalla     | Bill      | Old Dominion Electric Cooperative                      | Electric Distributor |
| Pierpont    | Dan       | LS Power   | None                 |
| Price       | Ruth      | Delaware Division of the Public Advocate               | End-Use Customer     |
| Pugliese    | Biagio    | Helix Ironwood, LLC                                    | Generation Owner     |
| Puls        | Andy      | ConocoPhillips Company                                 | Other Supplier       |
| Rader       | Judy      | Constellation Energy Generation, LLC                   | Generation Owner     |
| Rasmussen   | Garrett   | Duke Energy Business Services LLC                      | Transmission Owner   |
| Redwine     | Arlo      | Federal Energy Regulatory Commission                   | None                 |
| Rettig      | Kacie     | Rockland Electric Company                              | Transmission Owner   |
| Richards    | Wade      | Apex Clean Energy, Inc                                 | None                 |
| Riley       | Kent      | ConnectGen East LLC                                    | None                 |
| Ritterbeck  | John      | Office of Ohio Consumers' Counsel                      | End-Use Customer     |
| Roberts     | Jackie    | West Virginia Consumer Advocate                        | End-Use Customer     |
| Rode        | Advait    | Michigan Public Service Commission                     | None                 |
| Rogers      | Aaron     | East Kentucky Power Cooperative, Inc.                  | Transmission Owner   |
| Rudocanachi | Stephen   | Non-Member   | None                 |
| Rumsey      | Amanda    | PPL Electric Utilities Corporation d/b/a PPL Utilities | Transmission Owner   |
| Rupert      | Dave      | Transource Energy, LLC                                 | Transmission Owner   |
| Rutledge    | Craig     | Appalachian Power Company                              | Transmission Owner   |
| Salyards    | John      | Tennessee Valley Authority (The)                       | Other Supplier       |
| Sammartino  | Michael   | Maryland Office of People's Counsel                    | End-Use Customer     |
| Sasser      | Jonathan  | Customized Energy Solutions, Ltd.                      | None                 |

|             |         |  |                      |
|-------------|---------|--|----------------------|
| Saunders    | Ben     | sPower Energy Marketing, LLC                                   | Generation Owner     |
| Schavrien   | Nick    | Silver Run Electric, LLC                                       | Transmission Owner   |
| Schisler    | Ken     | Enerwise Global Technologies, LLC                              | Other Supplier       |
| Schleicher  | Dave    | Northern Virginia Electric Cooperative (NOVEC)                 | Electric Distributor |
| Schreim     | Morris  | Maryland Public Service Commission                             | None                 |
| Schroder    | Sharon  | Dayton Power & Light Company (The)                             | Transmission Owner   |
| Schroeder   | Connie  | Virginia Electric & Power Company                              | Transmission Owner   |
| Segner      | Sharon  | Central Transmission, LLC                                      | Other Supplier       |
| Selick      | Sam     | Customized Energy Solutions, Ltd.                              | None                 |
| Shah        | Pulin   | Exelon Business Services Company, LLC                          | Transmission Owner   |
| Sikora      | Cliff   | Crete Energy Venture, LLC                                      | Generation Owner     |
| Sloan       | Ben     | The Organization of PJM States, Inc.                           | None                 |
| Smith       | Kara    | Ohio Rural Electric Cooperative                                | Electric Distributor |
| Snitchler   | Todd    | Electric Power Supply Association                              | None                 |
| Soller      | Joan    | Wabash Valley Power Association, Inc.                          | Electric Distributor |
| Sotkiewicz  | Paul    | Elwood Energy, LLC   | Generation Owner     |
| Sparks      | Bridget | AES  | Generation Owner     |
| Sprinkle    | Dan     | Louisville Gas and Electric Company/Kentucky Utilities Company | Transmission Owner   |
| Stadelmeyer | Rebecca | Jersey Green Energy, LLC                                       | Other Supplier       |
| Stallings   | Eric    | Tenaska Power Services Co.                                     | Generation Owner     |
| Stark       | Ken     | Lehigh Portland Cement Company                                 | End-Use Customer     |
| Staugh      | Mike    | Non-Member   | None                 |
| Steichen    | Rena    | REV Renewables   | None                 |
| Steichen    | Rena    | Rolling Hills Generating, LLC                                  | Generation Owner     |
| Stone       | Andy    | Non-Member   | None                 |
| Storino     | Laura   | New Jersey Board of Public Utilities                           | None                 |
| Street      | Jason   | sPower Energy Marketing, LLC                                   | Generation Owner     |
| Stuchell    | Jeff    | Monongahela Power Company d/b/a Allegheny Power                | Transmission Owner   |
| Sturgeon    | John    | Duke Energy Business Services LLC                              | Transmission Owner   |
| Suda        | Molly   | Duke Energy Business Services LLC                              | Transmission Owner   |
| Suh         | Jung    | Calpine Energy Solutions, LLC                                  | Other Supplier       |
| Sussler     | Philip  | Maryland Office of People's Counsel                            | End-Use Customer     |
| Swalwell    | Brad    | Tangent Energy Solutions, Inc.                                 | Other Supplier       |
| Sweeney     | Rory    | Northern Virginia Electric Cooperative (NOVEC)                 | Electric Distributor |
| Swigonski   | Frank   | Jupiter Power  | Other Supplier       |
| Tell        | Shawn   | Non-Member   | None                 |
| Theodore    | Sharon  | Electric Power Supply Association                              | None                 |
| Thomas      | Amber   | Exelon Business Services Company, LLC                          | Transmission Owner   |
| Thompson    | Emile   | Public Service Commission of the District of Columbia          | None                 |

|                |          |  |                      |
|----------------|----------|--|----------------------|
| Vanderlaan     | Bill     | Illinois Commerce Commission                           | None                 |
| Vellingiri     | Madhu    | Rolling Hills Generating, LLC                          | Generation Owner     |
| Vitiello       | Jacki    | Virginia Electric & Power Company                      | Transmission Owner   |
| Walker         | Jennifer | Exelon Business Services Company, LLC                  | Transmission Owner   |
| Wand           | David    | New Jersey Division of Rate Counsel                    | End-Use Customer     |
| Wayner         | Claire   | RMI  | None                 |
| Webb           | Becky    | Exelon Business Services Company, LLC                  | Transmission Owner   |
| Weeks          | Tom      | Michigan Public Power Agency                           | Electric Distributor |
| Weinstein      | Andrew   | Vistra Corp.   | None                 |
| Williams       | Paul     | EIS Council  | None                 |
| Wilson         | Chris    | Constellation Energy Generation, LLC                   | Generation Owner     |
| Wilson         | Bert     | NextPower III US Holdco Inc.                           | Generation Owner     |
| Wylie-Chambers | Ericka   | Exelon Business Services Company, LLC                  | Transmission Owner   |
| Wynder         | Michael  | Altrock LLC  | Other Supplier       |
| Yochelson      | Cheri    | Virginia Electric & Power Company                      | Transmission Owner   |
| York           | Denver   | East Kentucky Power Cooperative, Inc.                  | Transmission Owner   |
| York           | Amy      | NextPower III US Holdco Inc.                           | Generation Owner     |
| Young          | Valerie  | NJR Clean Energy Ventures Corporation                  | Generation Owner     |
| Yovanovich     | Laura    | PPL Electric Utilities Corporation d/b/a PPL Utilities | Transmission Owner   |
| Zemanek        | Kevin    | Ohio Rural Electric Cooperative                        | Electric Distributor |

#### ***PJM Attendees***

| <b>Last Name</b> | <b>First Name</b> | <b>Company</b>      | <b>Sector</b> |
|------------------|-------------------|---------------------|---------------|
| Advena           | Chris             | PJM Interconnection | None          |
| Al               | Foluso            | PJM Interconnection | None          |
| Almonte          | Arelis            | PJM Interconnection | None          |
| Anders           | Dave              | PJM Interconnection | None          |
| Arkatin          | Tyler             | PJM Interconnection | None          |
| Asthana          | Manu              | PJM Interconnection | None          |
| Baker            | Scott             | PJM Interconnection | None          |
| Beard            | Michael           | PJM Interconnection | None          |
| Bechta           | Andrew            | PJM Interconnection | None          |
| Bernabeu         | Emanuel           | PJM Interconnection | None          |
| Bernstein        | Matthew           | PJM Interconnection | None          |
| Blackwell        | Terry             | PJM Board           | None          |
| Bowker           | Shannon           | PJM Interconnection | None          |
| Bresler          | Stu               | PJM Interconnection | None          |
| Bruno            | Patrick           | PJM Interconnection | None          |
| Bryson           | Mike              | PJM Interconnection | None          |



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|-------------|-----------|---------------------|------|
| Buehler     | Susan     | PJM Interconnection | None |
| Burdis      | Tim       | PJM Interconnection | None |
| Burkett     | Monica    | PJM Interconnection | None |
| Cabreza     | Angela    | PJM Interconnection | None |
| Cairns      | Holly     | PJM Interconnection | None |
| Carroll     | Rebecca   | PJM Interconnection | None |
| Caven       | Augustine | PJM Interconnection | None |
| Chmielewski | Brian     | PJM Interconnection | None |
| Cobb        | Patrick   | PJM Interconnection | None |
| Conboy      | Paula     | PJM Board           | None |
| Connell     | Jason     | PJM Interconnection | None |
| Connolly    | Matt      | PJM Interconnection | None |
| Coscia      | Carl      | PJM Interconnection | None |
| Coyle       | Michael   | PJM Interconnection | None |
| Croop       | Danielle  | PJM Interconnection | None |
| Cunningham  | Dan       | PJM Interconnection | None |
| Davis       | Veronica  | PJM Interconnection | None |
| DeViscio    | Mike      | PJM Interconnection | None |
| DeVita      | Thomas    | PJM Interconnection | None |
| DiMartino   | Denise    | PJM Interconnection | None |
| Downs       | Jere      | PJM Interconnection | None |
| Drauschak   | Lisa      | PJM Interconnection | None |
| Egan        | Amanda    | PJM Interconnection | None |
| Esterly     | Theresa   | PJM Interconnection | None |
| Fan         | Zhenyu    | PJM Interconnection | None |
| Fernandes   | Zeenath   | PJM Interconnection | None |
| Foley       | Sheila    | PJM Interconnection | None |
| Foley       | Tim       | PJM Interconnection | None |
| Gates       | Jill      | PJM Interconnection | None |
| Glazer      | Craig     | PJM Interconnection | None |
| Gledhill    | Andrew    | PJM Interconnection | None |
| Gluck       | Jim       | PJM Interconnection | None |
| Greening    | Michele   | PJM Interconnection | None |
| Hall        | Mary      | PJM Interconnection | None |
| Haque       | Asim      | PJM Interconnection | None |
| Hartung     | Shanna    | PJM Interconnection | None |
| Heater      | Megan     | PJM Interconnection | None |
| Hedayati    | Mojgan    | PJM Interconnection | None |
| Helm        | Gary      | PJM Interconnection | None |
| Hendrazak   | Chantel   | PJM Interconnection | None |



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|---------------|---------|---------------------|------|
| Hickey        | Mike    | PJM Interconnection | None |
| Hicks         | Colleen | PJM Interconnection | None |
| Hofferkamp    | Bradley | PJM Interconnection | None |
| Horger        | Tim     | PJM Interconnection | None |
| Hu            | Yong    | PJM Interconnection | None |
| Johnson       | Jeanine | PJM Board           | None |
| Kane          | Tim     | PJM Interconnection | None |
| Karandrikas   | Vicki   | PJM Interconnection | None |
| Keech         | Adam    | PJM Interconnection | None |
| Kenney        | Susan   | PJM Interconnection | None |
| Keshavamurthy | Bhavana | PJM Interconnection | None |
| Khan          | Aftab   | PJM Interconnection | None |
| Kim           | Sung    | PJM Interconnection | None |
| Kimmel        | David   | PJM Interconnection | None |
| Konowal       | Richard | PJM Interconnection | None |
| Lacek         | Mollie  | PJM Interconnection | None |
| LaRocque      | Matt    | PJM Interconnection | None |
| Lockwood      | Dan     | PJM Interconnection | None |
| Loebl         | Margo   | PJM Board           | None |
| Lusska        | Kirsten | PJM Interconnection | None |
| Lynch         | Earl    | PJM Interconnection | None |
| Lynch         | Jessica | PJM Interconnection | None |
| Mali          | Gizella | PJM Interconnection | None |
| Marzewski     | Skyler  | PJM Interconnection | None |
| McCormick     | Maureen | PJM Interconnection | None |
| McElwaine     | Kathy   | PJM Interconnection | None |
| McElwee       | Steve   | PJM Interconnection | None |
| McGlynn       | Paul    | PJM Interconnection | None |
| McGovern      | Jason   | PJM Interconnection | None |
| McLaverty     | Megan   | PJM Interconnection | None |
| Mills         | David   | PJM Board           | None |
| Miscavage     | Dave    | PJM Interconnection | None |
| Mooney        | Molly   | PJM Interconnection | None |
| Morelli       | Lisa    | PJM Interconnection | None |
| Mroz          | David   | PJM Interconnection | None |
| Muhl          | Nancy   | PJM Interconnection | None |
| O'Brien       | Tom     | PJM Interconnection | None |
| O'Hara        | Chris   | PJM Interconnection | None |
| Oskvig        | Dean    | PJM Board           | None |
| Patel         | Anita   | PJM Interconnection | None |



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|------------------|-------------|---------------------|------|
| Patel            | Keyur       | PJM Interconnection | None |
| Phillips         | Darlene     | PJM Interconnection | None |
| Pilong           | Christopher | PJM Interconnection | None |
| Pincus           | Steve       | PJM Interconnection | None |
| Robinson         | Charlie     | PJM Board           | None |
| Salmon           | Lisa        | PJM Interconnection | None |
| Scheirer         | Alex        | PJM Interconnection | None |
| Schuyler         | Ken         | PJM Interconnection | None |
| <b>Scott</b>     | Aaron       | PJM Interconnection | None |
| Shields          | Jeff        | PJM Interconnection | None |
| Skipper          | Anthony     | PJM Interconnection | None |
| Smoker           | Tim         | PJM Interconnection | None |
| Souder           | Dave        | PJM Interconnection | None |
| Souder           | Michelle    | PJM Interconnection | None |
| Souder           | Rich        | PJM Interconnection | None |
| Staevska         | Asya        | PJM Interconnection | None |
| Stanek           | Jason       | PJM Interconnection | None |
| Stewart          | Michael     | PJM Interconnection | None |
| Swimm            | Nora        | PJM Interconnection | None |
| Takahashi        | Mark        | PJM Board           | None |
| Terranova        | Chris       | PJM Interconnection | None |
| Tribulski        | Jen         | PJM Interconnection | None |
| VanZandt         | Vickie      | PJM Board           | None |
| Vinnik           | Daniel      | PJM Interconnection | None |
| Walker           | Bill        | PJM Interconnection | None |
| Walker           | Steve       | PJM Interconnection | None |
| Waweru           | James       | PJM Interconnection | None |
| Widom            | Stu         | PJM Interconnection | None |
| Willer-O'Connell | Moira       | PJM Interconnection | None |
| Wineland         | Chad        | PJM Interconnection | None |
| Wright           | Dionne      | PJM Interconnection | None |
| Wu               | Mia         | PJM Interconnection | None |
| Zamojcin         | Ann         | PJM Interconnection | None |