

Members Committee
One Hundred Ninety-First Meeting
PJM Conference and Training Center, Valley Forge, PA
August 22, 2019
1:00 p.m. – 2:10 p.m. EPT

Administration (1:00-1:05)

A. Mr. David Anders announced the following new member companies approved for PJM membership since the last meeting, bringing the total membership to 1043:

- 7 Bridges Solar, LLC (Voting Member) selected the Generation Owner sector
- Beech Ridge Energy II LLC (Affiliate Member) selected the Generation Owner sector
- Danske Commodities US LLC (Voting Member) selected the Other Supplier sector
- DV Trading, LLC (Voting Member) selected the Other Supplier sector
- Foxhound Solar, LLC (Affiliate Member) selected the Generation Owner sector
- Heritage Power Marketing, LLC (Affiliate Member) selected the Generation Owner sector
- Innergex Renewable USA LLC (Voting Member) selected the Generation Owner sector
- Lincoln Clean Energy, LLC (Voting Member) selected the Generation Owner sector
- MeterGenius, Inc. (Voting Member) selected the Other Supplier sector
- NextPower III US Holdco, Inc. (Voting Member) selected the Generation Owner sector
- Paulding Wind Farm IV LLC (Affiliate Member) selected the Generation Owner sector
- Peak Energy Capital LP (Voting Member) selected the Other Supplier sector
- Rodan Energy Solutions Inc. (Voting Member) selected the Other Supplier sector
- Rubicon NYP Corp. (Voting Member) selected the Other Supplier sector
- Spano VPP DevCo LLC (Voting Member) selected the Other Supplier sector
- Whitetail Solar 1, LLC (Affiliate Member) selected the Generation Owner sector
- Whitetail Solar 2, LLC (Affiliate Member) selected the Generation Owner sector
- Whitetail Solar 3, LLC (Affiliate Member) selected the Generation Owner sector
- Whitetail Solar 4, LLC (Affiliate Member) selected the Generation Owner sector
- Whitetail Solar 5, LLC (Affiliate Member) selected the Generation Owner sector

Mr. Anders noted that six members had withdrawn since the last meeting.

Mr. Anders announced that in accordance with Operating Agreement (OA) section 8.1.3, American Transmission System, Inc., Appalachian Power Company, The Dayton Power & Light Company, Duke Energy Business Services, Duquesne Light Company, East Kentucky Power Cooperative, Inc., Exelon Business Services Company, PPL Electric Utilities Corporation, Public Service Electric and Gas Company, Rockland Electric Company, and Virginia Electric & Power Company, Members in the Transmission Owners sector, challenged the Transmission Owners sector designation for Essential Power Rock Springs, LLC. Following the requirements of OA section 8.1.3, PJM has determined that Essential Power Rock Springs, LLC sector designation is changed from the Transmission Owner sector to the Generation Owner sector effective with the August 22, 2019 Members Committee meeting.

- B. Mr. Anders confirmed the presence of a quorum.
- C. Mr. Anders reminded participants of Antitrust and Code of Conduct requirements.

Consent Agenda (1:05-1:10)

Item A was **approved** by acclamation with no objections or abstentions

- A. Draft minutes of the June 27, 2019 meeting

Endorsements/Approvals

None

First Readings (1:10-1:50)

- 1. PJM Manuals
 - A. Ms. Rebecca Carroll provided an overview of recommendations from the Stakeholder Process Super Forum and a first reading of proposed revisions to Manual 34: PJM Stakeholder Process developed. Proposed friendly amendments to the Solution Package (3.2) - Critical Issue Fast Path (CIFP) Proposal were presented by Mr. Gregory Poulos, on behalf of the Office of the People's Counsel for the District of Columbia. Additional proposed friendly amendments to Solution Package (3.2) – CIFP Proposal were presented by Dr. Joe Bowring on behalf of the Independent market monitor. The committee will be asked to approve these proposed Manual 34 revisions at its next meeting.
 - B. Ms. Danielle Croop provided an overview of proposed revisions to Manual 15: Cost Development Guidelines related to cost-based offers for batteries and flywheels. The committee will be asked to endorse these proposed Manual 15 revisions at its next meeting.

Reports (1:50-2:10)

- 2. MC Vice Chair Report (1:50-2:00)
 - A. Mr. Steve Lieberman provided an update on the Members Committee Annual Plan.
 - B. Mr. Steve Lieberman provided a report on the July 29, 2019 Liaison Committee meeting with the PJM Board of Managers. Mr. Lieberman also noted that due to a conflict with a significant religious holiday, the scheduled October 1, 2019 LC meeting with the Board may be changed to replace the December 4, 2019 General Session. Notice will be provided to the Members Committee upon resolution of this scheduling conflict.
- 3. Webinar Feedback (2:00-2:10)

No items were identified for further discussion from the August 19, 2019 Members Committee Webinar. Mr. Anders noted discussion of meeting material posting requirement that occurred at the August 19, 2019 Stakeholder Process Forum.

Informational Postings

New Attachment M-4 to the PJM Tariff Solely Applicable to the Planning of CIP-014 Mitigation Projects

Notice of Transmission Owners Intent to File a New Attachment M-4 to the PJM Tariff Solely Applicable to the Planning of CIP-014 Mitigation Projects (CMPs) has been posted with today's meeting materials.

Future Agenda Items (2:10)

No additional future agenda items were identified.

Future Meeting Dates

| | | |
|--------------------|-----------|------------------|
| September 26, 2019 | 1:15 p.m. | Valley Forge, PA |
| October 31, 2019 | 1:15 p.m. | Valley Forge, PA |
| December 5, 2018 | 1:15 p.m. | Valley Forge, PA |

Author: D.A. Anders

Attendance

Secretary/Chair/Vice Chair

| Last Name | First Name | Company | Sector |
|-----------|------------|---------------------------------------|----------------------|
| Anders | David | PJM Interconnection, LLC | None |
| Dugan | Chuck | East Kentucky Power Cooperative, Inc. | Transmission Owner |
| Lieberman | Steve | American Municipal Power, Inc. | Electric Distributor |

Voting Attendees

| Last Name | First Name | Company | Sector |
|-----------|------------|---|----------------------|
| Barker | Jason | Exelon Business Services Company, LLC | Transmission Owner |
| Bayless | Charlie | North Carolina Electric Membership Corporation | Electric Distributor |
| Benchek | Jim | American Transmission Systems, Inc. | Transmission Owner |
| Borgatti | Michael | Rep.'g Carolina Solar Energy III, LLC | Other Supplier |
| Borgatti | Michael | Rep.'g Covanta Energy Group, LLC | Generation Owner |
| Borgatti | Michael | Rep.'g Cypress Creek Renewables, LLC | Generation Owner |
| Borgatti | Michael | Rep.'g Eagle Point Power Generation, LLC | Generation Owner |
| Borgatti | Michael | Rep.'g Hazleton Generation, LLC | Generation Owner |
| Borgatti | Michael | Rep.'g Jersey Green Energy, LLC | Other Supplier |
| Borgatti | Michael | Rep.'g Longview Power, LLC | Generation Owner |
| Borgatti | Michael | Rep.'g Moxie Freedom LLC | Generation Owner |
| Borgatti | Michael | Rep.'g Newark Energy Center, LLC | Generation Owner |
| Borgatti | Michael | Rep.'g NextEra Energy Marketing, LLC | Other Supplier |
| Borgatti | Michael | Rep.'g York County Solid Waste and Refuse Authority | Generation Owner |
| Bruce | Susan | Rep.'g Air Products & Chemicals, Inc. | End-Use Customer |
| Bruce | Susan | Rep.'g ArcelorMittal USA LLC | End-Use Customer |

| Last Name | First Name | Company | Sector |
|------------|------------|---|----------------------|
| Bruce | Susan | Rep.'g Gerdau Ameristeel Energy, Inc. | Other Supplier |
| Bruce | Susan | Rep.'g Industrial Energy Users-Ohio | Other Supplier |
| Bruce | Susan | Rep.'g Kimberly-Clark Corporation | Generation Owner |
| Bruce | Susan | Rep.'g Lehigh Portland Cement Company | End-Use Customer |
| Bruce | Susan | Rep.'g Letterkenny Industrial Development Authority - PA | Electric Distributor |
| Bruce | Susan | Rep.'g MeadWestvaco Corporation | End-Use Customer |
| Bruce | Susan | Rep.'g Messer LLC | End-Use Customer |
| Bruce | Susan | Rep.'g Praxair, Inc. | End-Use Customer |
| Bruce | Susan | Rep.'g Procter & Gamble Paper Products Company (The) | Generation Owner |
| Bruce | Susan | Rep.'g Wellsboro Electric Company | Electric Distributor |
| Carrier | Ron | Direct Energy Business, LLC | Other Supplier |
| Davis | James | Virginia Electric & Power Company | Transmission Owner |
| Fitch | Neal | NRG Power Marketing, LLC | Generation Owner |
| Foladare | Kenneth | Geenex Solar LLC | Generation Owner |
| Ford | Adrien | Old Dominion Electric Cooperative | Electric Distributor |
| Fuess | Christian | Rep.'g Diamond State Generation Partners, LLC | Generation Owner |
| Fuess | Christian | Rep.'g Ictec.com, Inc. | Other Supplier |
| Fuess | Christian | Rep.'g Kuehne Chemical Company, Inc. | Other Supplier |
| Fuess | Christian | Rep.'g PBF Power Marketing, LLC | Generation Owner |
| Helms | Joseph | Rainbow Energy Marketing Corporation | Other Supplier |
| Hoatson | Tom | Rep.'g Renaissance Power & Gas, Inc. | Other Supplier |
| Hoatson | Tom | Rep.'g Riverside Generating, LLC | Generation Owner |
| Hoatson | Tom | Rep.'g West Deptford Energy, LLC | Generation Owner |
| Hohenshilt | Jennifer | Talen Energy Marketing, LLC | Generation Owner |
| Horstmann | John | Dayton Power & Light Company (The) | Transmission Owner |
| Horton | Dana | Appalachian Power Company | Transmission Owner |
| Huang | James | Rockland Electric Company | Transmission Owner |
| Hyzinski | Thomas | Rep.'g Dynegy Marketing and Trade, LLC | Generation Owner |
| Hyzinski | Thomas | Rep.'g GenOn Energy Management, LLC | Generation Owner |
| Johnson | Carl | Rep.'g Blue Ridge Power Agency, Inc. | Electric Distributor |
| Johnson | Carl | Rep.'g Borough of Chambersburg | Electric Distributor |
| Johnson | Carl | Rep.'g Borough of Mont Alto, Pennsylvania | Electric Distributor |
| Johnson | Carl | Rep.'g Buckeye Power, Inc. | Electric Distributor |
| Johnson | Carl | Rep.'g Central Virginia Electric Cooperative | Electric Distributor |
| Johnson | Carl | Rep.'g City of Dover, Delaware | Electric Distributor |
| Johnson | Carl | Rep.'g Delaware Municipal Electric Corporation, Inc. | Electric Distributor |
| Johnson | Carl | Rep.'g Easton Utilities Commission | Electric Distributor |
| Johnson | Carl | Rep.'g Energy Cooperative Association of Pennsylvania (The) | Other Supplier |

| Last Name | First Name | Company | Sector |
|-------------|------------|--|----------------------|
| Johnson | Carl | Rep.'g Galt Power, Inc. | Other Supplier |
| Johnson | Carl | Rep.'g Hagerstown Light Department | Electric Distributor |
| Johnson | Carl | Rep.'g Illinois Municipal Electric Agency | Electric Distributor |
| Johnson | Carl | Rep.'g Indiana Municipal Power Agency | Generation Owner |
| Johnson | Carl | Rep.'g Madison Gas & Electric Co. | Other Supplier |
| Johnson | Carl | Rep.'g North Carolina Municipal Power Agency Number 1 | Other Supplier |
| Johnson | Carl | Rep.'g Northern Illinois Municipal Power Agency | Electric Distributor |
| Johnson | Carl | Rep.'g Northern Virginia Electric Cooperative (NOVEC) | Electric Distributor |
| Johnson | Carl | Rep.'g Thurmont Municipal Light Company | Electric Distributor |
| Johnson | Carl | Rep.'g Town of Williamsport (The) | Electric Distributor |
| Johnson | Carl | Rep.'g WPPI Energy | Other Supplier |
| Kauffman | Brian | Enel X North America, Inc. | Other Supplier |
| Keenan | Matthew | Elwood Energy, LLC | Generation Owner |
| Kelly | Stephen | Brookfield Energy Marketing LP | Other Supplier |
| Kilgallen | Kevin | Avangrid Renewables, LLC | Generation Owner |
| Kogut | George | New York Power Authority | Other Supplier |
| Long | Scott | Allegheny Electric Cooperative, Inc. | Electric Distributor |
| O'Connell | Robert | PPGI Fund A/B Development, LLC. | Generation Owner |
| Poulos | Greg | Rep.'g Consumer Protection and Advocate Division of the Tennessee Attorney General | End-Use Customer |
| Poulos | Greg | Rep.'g Delaware Division of the Public Advocate | End-Use Customer |
| Poulos | Greg | Rep.'g Illinois Citizen Utility Board | End-Use Customer |
| Poulos | Greg | Rep.'g Indiana Office of Utility Consumer Counselor (IN OUCC) | End-Use Customer |
| Poulos | Greg | Rep.'g Maryland Office of People's Counsel | End-Use Customer |
| Poulos | Greg | Rep.'g Michigan Department of Attorney General, Environment, Natural Resources, & Agriculture Division | End-Use Customer |
| Poulos | Greg | Rep.'g New Jersey Division of Rate Counsel | End-Use Customer |
| Poulos | Greg | Rep.'g Office of the Attorney General, Kentucky | End-Use Customer |
| Poulos | Greg | Rep.'g Office of the People's Counsel for the District of Columbia | End-Use Customer |
| Poulos | Greg | Rep.'g Ohio Consumers' Counsel | End-Use Customer |
| Poulos | Greg | Rep.'g Pennsylvania Office of Consumer Advocate | End-Use Customer |
| Poulos | Greg | Rep.'g Public Staff - North Carolina Utilities Commission | End-Use Customer |
| Poulos | Greg | Rep.'g Virginia Division of Consumer Counsel | End-Use Customer |
| Poulos | Greg | Rep.'g West Virginia Consumer Advocate Division | End-Use Customer |
| Rohrbach | John | Rep.'g Kentucky Municipal Energy Agency | Other Supplier |
| Rohrbach | John | Rep.'g Southern Maryland Electric Cooperative, Inc. | Electric Distributor |
| Rohrbach | John | Rep.'g Wabash Valley Power Association, Inc. | Electric Distributor |
| Scarpignato | David | Calpine Energy Services, L.P. | Generation Owner |
| Schott | John | Northeast Maryland Waste Disposal Authority | Generation Owner |

| Last Name | First Name | Company | Sector |
|-----------|------------|--|----------------------|
| Stern | Alex | Public Service Electric & Gas Company | Transmission Owner |
| Sturgeon | John | Duke Energy Business Services LLC | Transmission Owner |
| Thomas | Amber | PPL Electric Utilities Corporation d/b/a PPL Utilities | Transmission Owner |
| Vayda | Brian | Rep.'g Borough of Butler, Butler Electric Division | Electric Distributor |
| Vayda | Brian | Rep.'g Borough of Lavallette, New Jersey | Electric Distributor |
| Vayda | Brian | Rep.'g Borough of Madison, New Jersey | Electric Distributor |
| Vayda | Brian | Rep.'g Borough of Milltown, New Jersey | Electric Distributor |
| Vayda | Brian | Rep.'g Borough of Park Ridge, New Jersey | Electric Distributor |
| Vayda | Brian | Rep.'g Borough of Pemberton, New Jersey | Electric Distributor |
| Vayda | Brian | Rep.'g Borough of Seaside Heights, New Jersey | Electric Distributor |
| Vayda | Brian | Rep.'g Borough of South River, New Jersey | Electric Distributor |
| Vayda | Brian | Rep.'g Vineland Municipal Electric Utility | Electric Distributor |
| Whitehead | Jeffrey | Rep.'g Eastern Generation, LLC | Generation Owner |
| Whitehead | Jeffrey | Rep.'g Essential Power Rock Springs, LLC | Generation Owner |
| Whitehead | Jeffrey | Rep.'g Wheelabrator Frackville Energy Co., Inc. | Generation Owner |
| Wicks | Tonja | Duquesne Light Company | Transmission Owner |

Non-Voting Attendees

| Last Name | First Name | Company | Sector |
|---------------|------------|---|--------------------|
| Abdur-Rahman | Mushin | ABB Network Management | None |
| Abend | Erik | EA Consulting | None |
| Campbell | Bruce | Enerwise Global Technologies, LLC | Other Supplier |
| Carrado | Regina | Exelon Business Services Company, LLC | Transmission Owner |
| Chandler | Kent | Office of the Attorney General, Kentucky | End-Use Customer |
| Coultas | Ann | Invenergy, LLC | Generation Owner |
| D'Alessandris | Lou | American Transmission Systems, Inc. | Transmission Owner |
| DeLosa | Joseph | New Jersey Board of Public Utilities | None |
| DiNicola | Laura | FirstEnergy Solutions Corp. | Transmission Owner |
| Domian | Christin | Duquesne Light Company | Transmission Owner |
| Duensing | Allison | Saracen Energy East, L.P. | Other Supplier |
| Durinsky | Mike | FirstEnergy Solutions Corp. | Transmission Owner |
| Evrard | David | Pennsylvania Office of Consumer Advocate | End-Use Customer |
| Feller | John | PPL Electric Utilities Corporation d/b/a PPL Utilities | Transmission Owner |
| Gahimer | Michael | Indiana Office of Utility Consumer Counselor (IN OUCC) | End-Use Customer |
| Garnett | Bryan | Duke Energy Business Services LLC | Transmission Owner |
| Gebolys | Debra | The Public Utilities Commission of Ohio | None |
| Gilani | Rehan | Consolidated Edison Company of New York, Inc. | Transmission Owner |
| Hastings | David | MICS | None |
| Heinle | Frederick | Office of the People's Counsel for the District of Columbia | End-Use Customer |

| Last Name | First Name | Company | Sector |
|-----------|------------|---|----------------------|
| Holdbrook | Ruth | Northern Virginia Electric Cooperative (NOVEC) | Electric Distributor |
| Horning | Lynn | Customized Energy Solutions, Ltd.* | None |
| Hudis | Gabriella | Gabel Associates | None |
| Huntoon | Steve | Chesapeake Transmission LLC | Other Supplier |
| Jardot | Gina | Essential Power Rock Springs, LLC | Generation Owner |
| Kerecman | Joseph | Calpine Energy Services, L.P. | Generation Owner |
| Laios | Takis | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Mariam | Yohannes | Office of the People's Counsel for the District of Columbia | End-Use Customer |
| Martin | Valerie | The Federal Energy Regulatory Commission | None |
| Meadors | Amanda | Duke Energy Ohio, Inc. | Transmission Owner |
| Midgley | Sharon | Exelon Business Services Company, LLC | Transmission Owner |
| Moye | Bob | Rainbow Energy Marketing Corporation | Other Supplier |
| O'Boyle | Brian | Rockland Electric Company | Transmission Owner |
| Pelletier | Eveline | H.Q. Energy Services (U.S.), Inc. | Other Supplier |
| Peoples | John | Duquesne Light Company | Transmission Owner |
| Pezalla | William | Old Dominion Electric Cooperative | Electric Distributor |
| Poelstra | Tabitha | Appian Way Energy Partners MidAtlantic, LLC | Other Supplier |
| Price | Ruth | Delaware Public Service Commission | None |
| Rainey | Frank | PEI Power Corporation | Generation Owner |
| Robichaud | Donna | Geenex Solar LLC | Generation Owner |
| Sasser | Jonathan | Customized Energy Solutions, Ltd.* | None |
| Segner | Sharon | LS Power Development, LLC | None |
| Shah | Pulin | Exelon Business Services Company, LLC | Transmission Owner |
| Smith | Christen | RTO Insider | None |
| Sun | Haibin | Exelon Business Services Company, LLC | Transmission Owner |
| Sweeney | Rory | GT Power Group | None |
| Toomey | Megan | Talen Energy Marketing, LLC | Generation Owner |
| Vargo | Daniel | Allegheny Electric Cooperative, Inc. | Electric Distributor |
| Walker | Jennifer | Exelon Business Services Company, LLC | Transmission Owner |
| Wisersky | Megan | Madison Gas & Electric Co. | Other Supplier |
| Wynder | Michael | Nodal Exchange | None |

PJM Attendees

| Last Name | First Name | Company | Sector |
|------------|------------|--------------------------|--------|
| Anders | David | PJM Interconnection, LLC | None |
| Barrett | Fran | PJM Interconnection, LLC | None |
| Bloczynski | Nigeria | PJM Interconnection, LLC | None |
| Bresler | Stu | PJM Interconnection, LLC | None |
| Brown | Richard | PJM Interconnection, LLC | None |

| Last Name | First Name | Company | Sector |
|---------------|------------|--------------------------|--------|
| Bruno | Patrick | PJM Interconnection, LLC | None |
| Carroll | Rebecca | PJM Interconnection, LLC | None |
| Connell | Jason | PJM Interconnection, LLC | None |
| Croop | Danielle | PJM Interconnection, LLC | None |
| Davis | Elizabeth | PJM Interconnection, LLC | None |
| DeVita | Thomas | PJM Interconnection, LLC | None |
| Duane | Vince | PJM Interconnection, LLC | None |
| Egan | Amanda | PJM Interconnection, LLC | None |
| Fabiano | Janell | PJM Interconnection, LLC | None |
| Foster | Denise | PJM Interconnection, LLC | None |
| Franks | Christine | PJM Interconnection, LLC | None |
| Gluck | Jim | PJM Interconnection, LLC | None |
| Greening | Michele | PJM Interconnection, LLC | None |
| Herel | Suzanne | PJM Interconnection, LLC | None |
| Herling | Steve | PJM Interconnection, LLC | None |
| Holter | Natasha | PJM Interconnection, LLC | None |
| Horger | Tim | PJM Interconnection, LLC | None |
| Hsia | Eric | PJM Interconnection, LLC | None |
| Keech | Adam | PJM Interconnection, LLC | None |
| Keshavamurthy | Bhavana | PJM Interconnection, LLC | None |
| McGovern | Jason | PJM Interconnection, LLC | None |
| McLavery | Megan | PJM Interconnection, LLC | None |
| Morelli | Lisa | PJM Interconnection, LLC | None |
| Murphy Lee | Lori | PJM Interconnection, LLC | None |
| O'Brien | Tom | PJM Interconnection, LLC | None |
| O'Neill | Jack | PJM Interconnection, LLC | None |
| Patel | Anita | PJM Interconnection, LLC | None |
| Riley | Susan | PJM Interconnection, LLC | None |
| Robinson | Charles | PJM Interconnection, LLC | None |
| Salmon | Lisa | PJM Interconnection, LLC | None |
| Seiler | Ken | PJM Interconnection, LLC | None |
| Shields | Jeffrey | PJM Interconnection, LLC | None |
| Souder | Michelle | PJM Interconnection, LLC | None |
| Stotesbury | Christina | PJM Interconnection, LLC | None |
| Swimm | Nora | PJM Interconnection, LLC | None |
| Ward | Mike | PJM Interconnection, LLC | None |
| Williams | Stan | PJM Interconnection, LLC | None |