

## SUPPLEMENTAL VOTING RESULTS

PJM Members Committee  
MC Meeting Date: September 17, 2020

Item: 1 Do you support the MRC endorsed proposal?

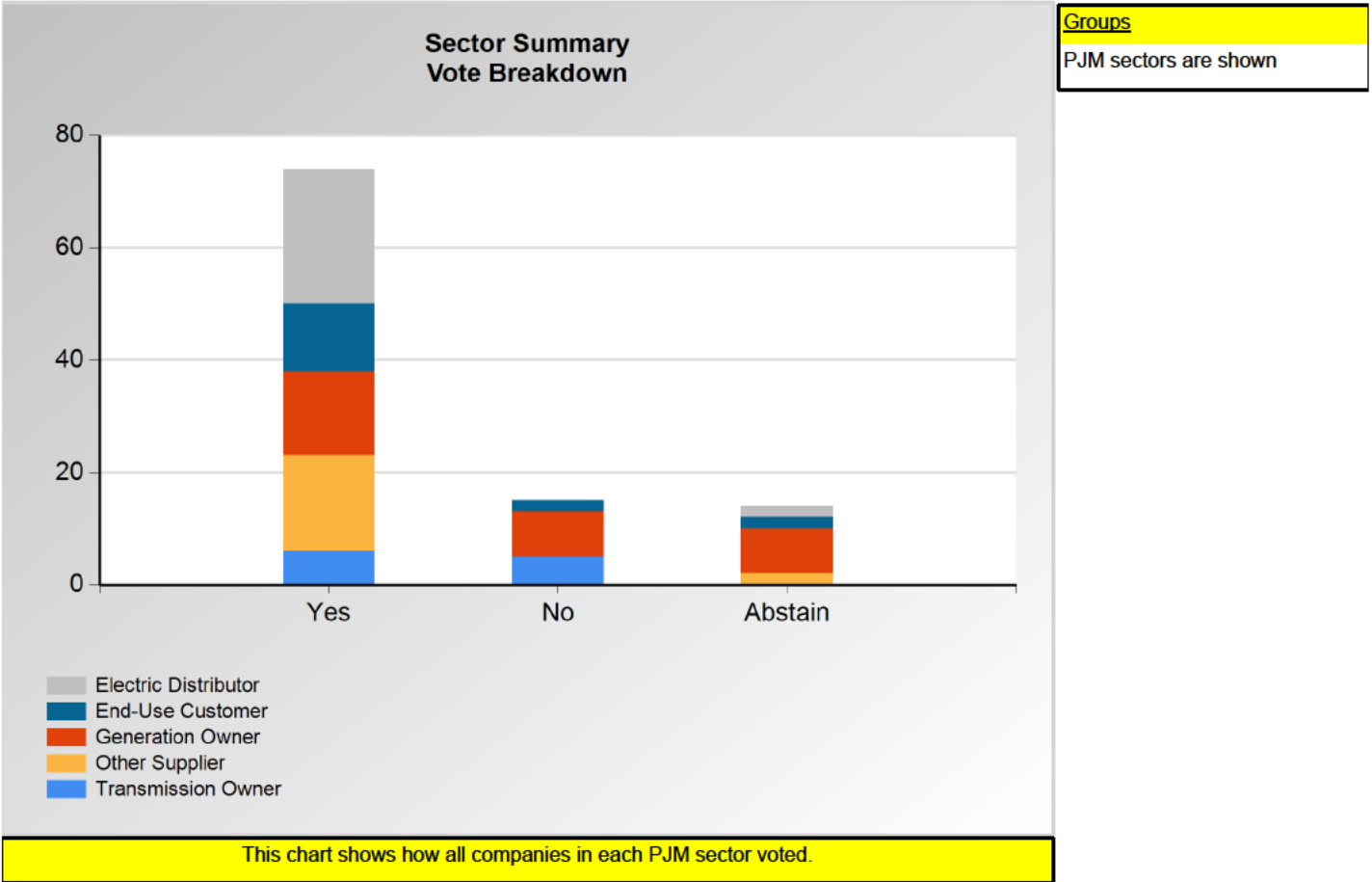
(Vote Result: PASSED)

## SECTION 1

Charts displayed in this section include various portrayals of how all companies voted at the Members Committee (MC) meeting on this particular issue.

**PJM Members Committee  
MC Meeting Date: September 17, 2020**

Item 1: Do you support the MRC endorsed proposal?  
(Vote Result: PASSED)



**Additional Detail:**

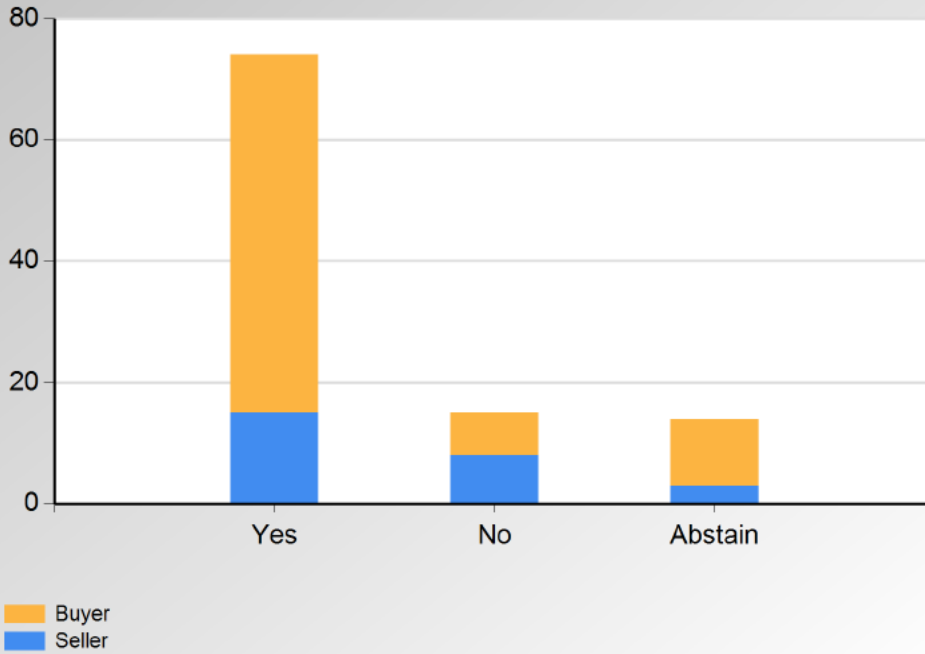
|                      | Eligible   | Attended   | Did Not Vote | Yes       | No        | Abstain   | Sector Vote In Favor | Sector Weight in Favor |
|----------------------|------------|------------|--------------|-----------|-----------|-----------|----------------------|------------------------|
| End-Use Customer     | 30         | 16         | 0            | 12        | 2         | 2         | 85.7 %               | 0.857                  |
| Transmission Owner   | 14         | 12         | 1            | 6         | 5         | 0         | 54.5 %               | 0.545                  |
| Generation Owner     | 110        | 35         | 4            | 15        | 8         | 8         | 65.2 %               | 0.652                  |
| Electric Distributor | 40         | 31         | 5            | 24        | 0         | 2         | 100.0 %              | 1.000                  |
| Other Supplier       | 309        | 47         | 28           | 17        | 0         | 2         | 100.0 %              | 1.000                  |
| <b>Total</b>         | <b>503</b> | <b>141</b> | <b>38</b>    | <b>74</b> | <b>15</b> | <b>14</b> |                      | <b>4.055</b>           |

\*Refer to the Company Designations table "Company Sector" column to see each company's group designation found on this chart.

**PJM Members Committee  
MC Meeting Date: September 17, 2020**

Item 1: Do you support the MRC endorsed proposal?  
(Vote Result: PASSED)

**Net Buyer-Seller Position  
Vote Breakdown**



**Buyers-Sellers based on  
Net Due (\$MM) 12-month  
total for 2019**

Seller: < \$0  
Buyer: >= \$0

This chart shows how companies as net buyers or sellers voted.  
Each company is designated a Buyer or Seller based on  
the Net Due amount totaled from the 12 months of PJM bills of the prior year.  
Only transactions known by PJM are included.  
Therefore, bilateral contracts are excluded.

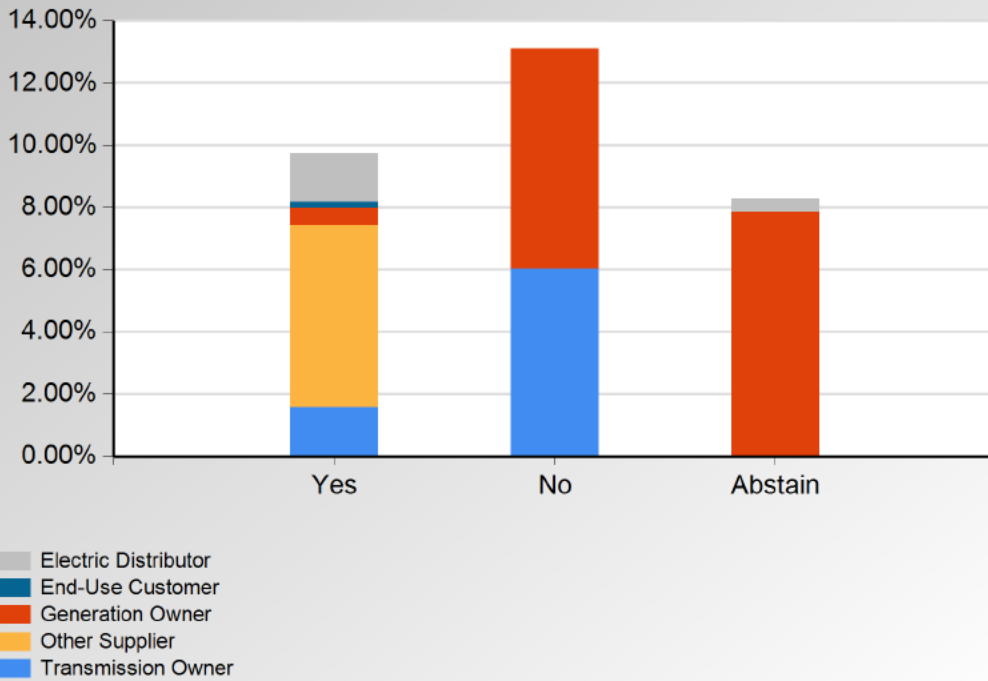
|        | Yes | No | Abstain |
|--------|-----|----|---------|
| Buyer  | 59  | 7  | 11      |
| Seller | 15  | 8  | 3       |

\*Refer to the Company Designations table "Buyer-Seller Group" column to see each company's group designation found on this chart.

**PJM Members Committee  
MC Meeting Date: September 17, 2020**

Item 1: Do you support the MRC endorsed proposal?  
(Vote Result: PASSED)

**Total of Default Allocation Percentages  
per Sector  
Vote Breakdown**



**Groups**

PJM sectors are shown

Default Allocation per Sector as of: January 1, 2014

This chart shows how each sector voted from the perspective of measuring gross activity in PJM-administered, exclusive of bilateral activity. "Gross activity" is determined by totaling the Default Allocation percentage of all companies that voted, per sector, as defined under Operating Agreement paragraph 15.2.4(a).

|                      | Yes     | No      | Abstain |
|----------------------|---------|---------|---------|
| Electric Distributor | 1.573 % | 0.000%  | 0.440 % |
| End-Use Customer     | 0.215 % | 0.000 % | 0.000 % |
| Generation Owner     | 0.539 % | 7.066 % | 7.838 % |
| Other Supplier       | 5.859 % | 0.000%  | 0.014 % |
| Transmission Owner   | 1.569 % | 6.030 % | 0.000%  |

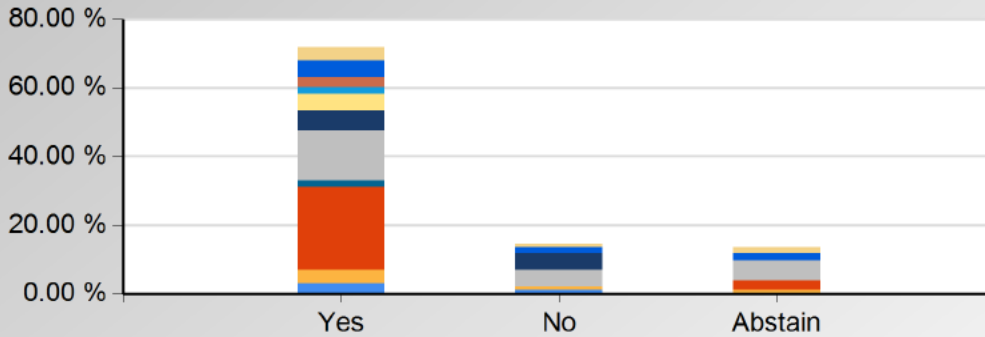
\*Refer to the Company Designations table "Company Sector" column to see each company's group designation found on this chart.

**PJM Members Committee  
MC Meeting Date: September 17, 2020**

Item 1: Do you support the MRC endorsed proposal?  
(Vote Result: PASSED)

**Percentage of Total Sector-Weighted Vote  
per Line of Business in PJM  
Percentage Vote Breakdown**

**Groups**  
All lines of business within all sectors.



- Ancillary Service Provider
- Consumer Advocate
- Curtailment Provider
- Financial Trader
- Industrial Customer
- IOU (inside)
- IPP
- Project Developer
- Public Power (inside)
- Retail Marketer
- Wholesale Marketer

This chart shows the percentage of the total sector weighted vote cast by member companies in each line of business.

|                            | Yes     | No      | Abstain |
|----------------------------|---------|---------|---------|
| Ancillary Service Provider | 0.95 %  | 0.91 %  | 1.82 %  |
| Consumer Advocate          | 16.67 % | 6.67 %  | 6.67 %  |
| Curtailment Provider       | 0.97 %  | 0.00 %  | 0.00 %  |
| Financial Trader           | 0.65 %  | 0.00 %  | 0.00 %  |
| Industrial Customer        | 3.57 %  | 0.00 %  | 0.00 %  |
| IOU (inside)               | 42.86 % | 35.71 % | 0.00 %  |
| IPP                        | 3.34 %  | 4.55 %  | 5.45 %  |
| Project Developer          | 1.82 %  | 0.00 %  | 0.00 %  |
| Public Power (inside)      | 5.45 %  | 0.00 %  | 0.86 %  |
| Retail Marketer            | 1.06 %  | 0.91 %  | 0.32 %  |
| Wholesale Marketer         | 0.97 %  | 0.91 %  | 0.00 %  |

\*Refer to the Company Designations table "Line of Business Designation" column to see each company's group designation found on this chart.

## SECTION 2

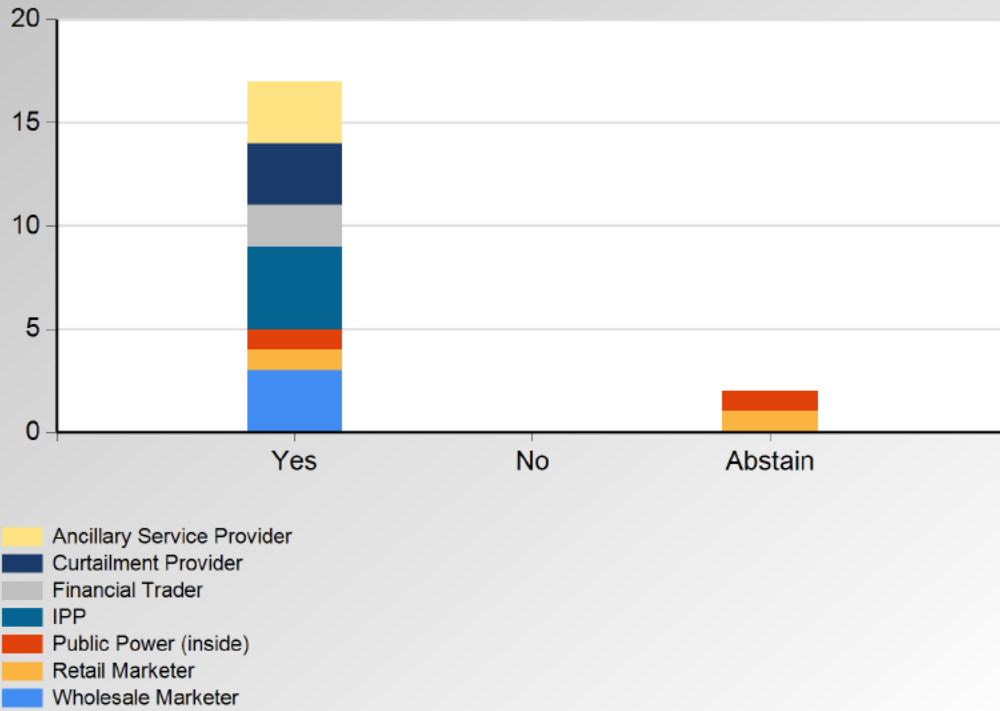
Charts displayed in this section include various portrayals of how various subsets of companies voted at the Members Committee (MC) meeting on this particular issue.

**PJM Members Committee  
MC Meeting Date: September 17, 2020**

Item 1: Do you support the MRC endorsed proposal?  
(Vote Result: PASSED)

**Other Supplier Group  
Vote Breakdown**

**Groups**  
Lines of business within  
PJM's Other Supplier sector.



This chart shows how lines of business within the Other Suppliers sector voted.

|                            | Yes | No | Abstain |
|----------------------------|-----|----|---------|
| Ancillary Service Provider | 3   | 0  | 0       |
| Curtailment Provider       | 3   | 0  | 0       |
| Financial Trader           | 2   | 0  | 0       |
| IPP                        | 4   | 0  | 0       |
| Public Power (inside)      | 1   | 0  | 1       |
| Retail Marketer            | 1   | 0  | 1       |
| Wholesale Marketer         | 3   | 0  | 0       |

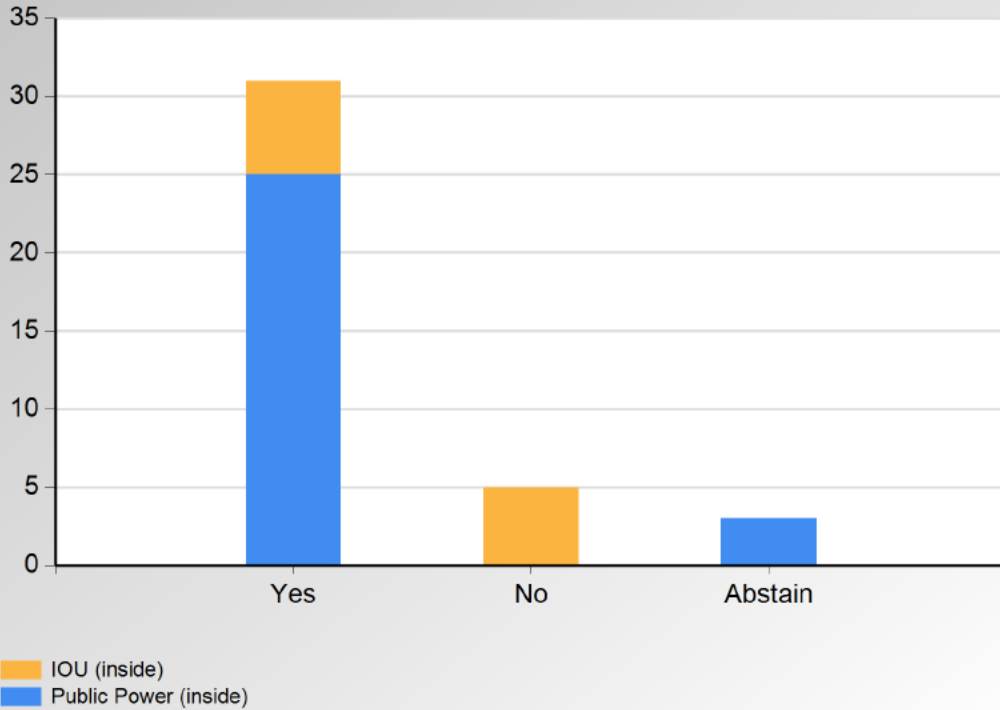
\*Refer to the Company Designations table "Line of Business Designation" column to see each company's group designation found on this chart.



**PJM Members Committee  
MC Meeting Date: September 17, 2020**

Item 1: Do you support the MRC endorsed proposal?  
(Vote Result: PASSED)

**Public Power inside PJM vs. IOUs inside PJM  
Vote Breakdown**



**Groups**  
 IOUs (inside) = Investor-owned utilities inside PJM and others so designated.  
 Public Power (inside) = Muni's/Co-op's inside PJM and others so designated.

This chart shows how a subset of companies voted.  
Public power entities are compared to investor-owned (IOUs) within PJM's footprint.

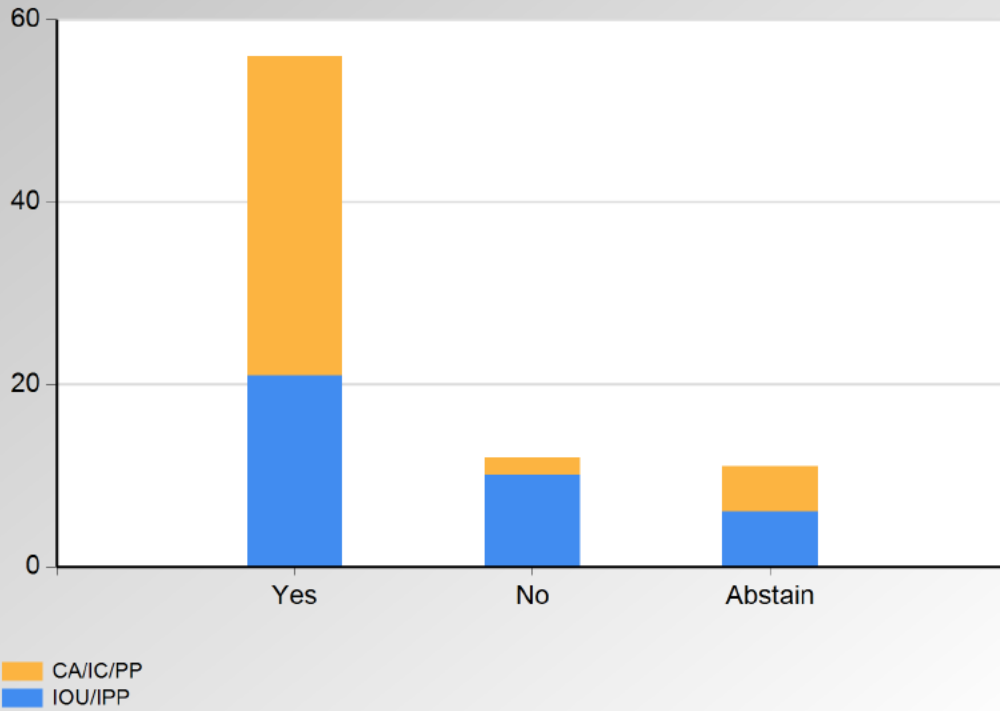
|                       | Yes | No | Abstain |
|-----------------------|-----|----|---------|
| IOU (inside)          | 6   | 5  | 0       |
| Public Power (inside) | 25  | 0  | 3       |

\*Refer to the Company Designations table "Line of Business Designation" column to see each company's group designation found on this chart.

**PJM Members Committee  
MC Meeting Date: September 17, 2020**

Item 1: Do you support the MRC endorsed proposal?  
(Vote Result: PASSED)

**IOU / IPP vs. CA / IC / PP Companies  
Vote Breakdown**



**Groups**  
 IOU = Investor-Owned Utilities inside PJM  
 IPP = Independent Power Producers  
 CA = Consumer Advocates  
 IC = Industrial Customers  
 PP = Public Power inside PJM

This chart shows how a subset of companies voted.  
 Two groups of companies are shown based on their perceived approach to the PJM marketplace.  
 IOUs inside PJM and IPPs are grouped together based on their responsibility to shareholders and to load.  
 Consumer advocates, industrial customers, and public power companies are grouped together based on their responsibility to load.

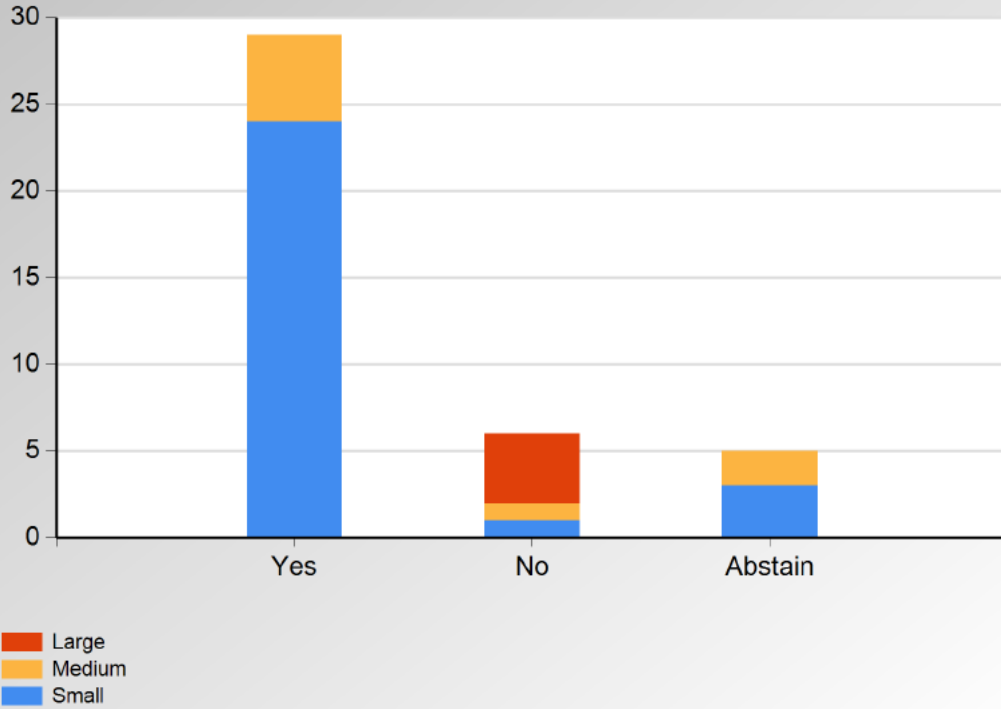
|          | Yes | No | Abstain |
|----------|-----|----|---------|
| CA/IC/PP | 35  | 2  | 5       |
| IOU/IPP  | 21  | 10 | 6       |

\*Refer to the Company Designations table "Line of Business Designation" column to see each company's group designation found on this chart.

**PJM Members Committee  
MC Meeting Date: September 17, 2020**

Item 1: Do you support the MRC endorsed proposal?  
(Vote Result: PASSED)

**Owners of Generation in PJM's Footprint  
Vote Breakdown**



**Generation Groupings based on MW Installed Capacity on January 1, 2020**  
 Small: <500  
 Medium: >=500 and <=3,000  
 Large: >3,000

This chart shows how companies owning generation in PJM's footprint (excluding Behind the Meter generation) voted. Each company is categorized as Small, Medium, or Large based on a snapshot of MW of capacity installed as of January 1 of the year the vote was taken.

|        | Yes | No | Abstain |
|--------|-----|----|---------|
| Large  | 0   | 4  | 0       |
| Medium | 5   | 1  | 2       |
| Small  | 24  | 1  | 3       |

\*Refer to the Company Designations table "Generation Group" column to see each company's group designation found on this chart.

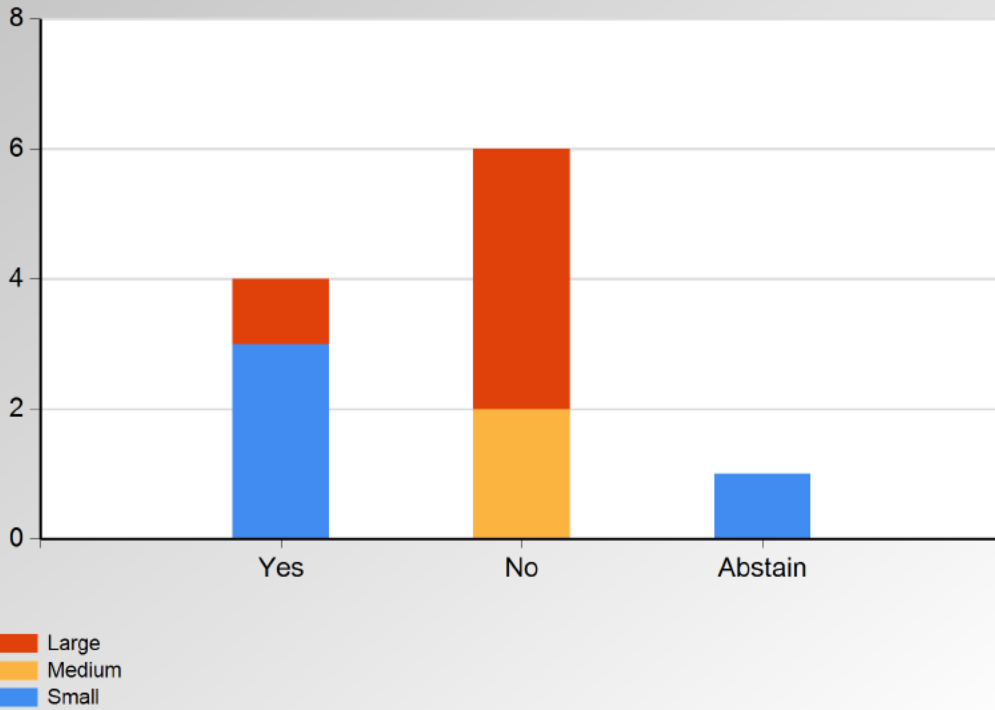
**PJM Members Committee  
MC Meeting Date: September 17, 2020**

Item 1: Do you support the MRC endorsed proposal?  
(Vote Result: PASSED)

**Owners of Transmission in PJM's Footprint  
Vote Breakdown**

Groups based on  
Revenue Regs (\$MM)  
on January 1, 2020

Small: <50  
Medium: >=50 and <=150  
Large: >150



This chart shows how companies owning transmission in PJM's footprint voted. Each company is categorized as Small, Medium, or Large based on a snapshot of Revenue Requirements amount as of January 1 the year the vote was taken.

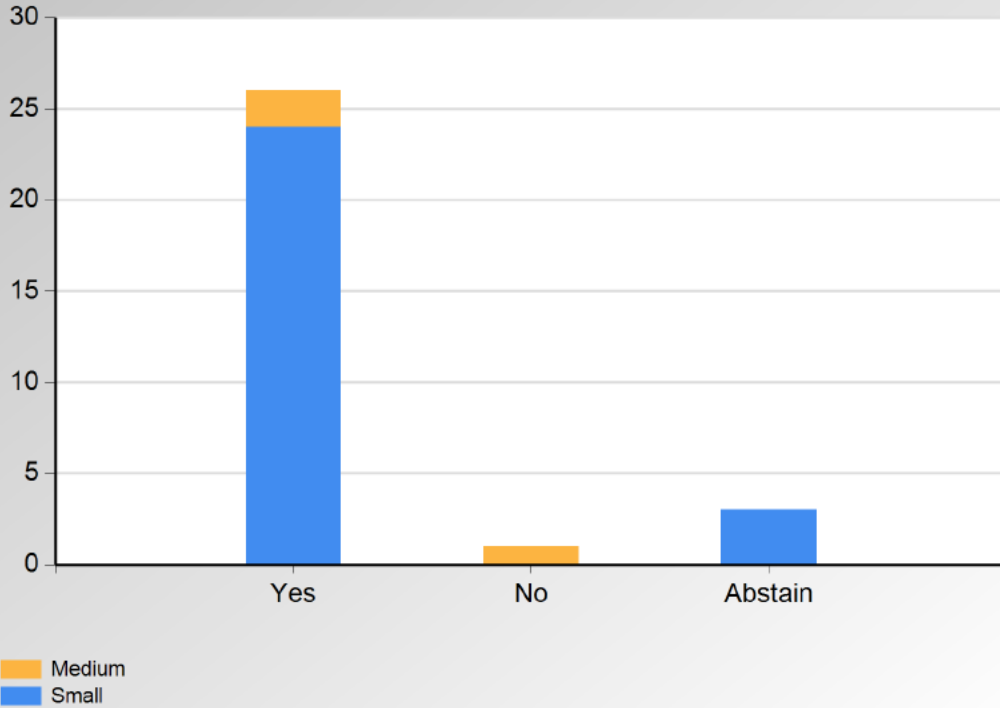
|        | Yes | No | Abstain |
|--------|-----|----|---------|
| Large  | 1   | 4  | 0       |
| Medium | 0   | 2  | 0       |
| Small  | 3   | 0  | 1       |

\*Refer to the Company Designations table "Transmission Group" column to see each company's group designation found on this chart.

**PJM Members Committee  
MC Meeting Date: September 17, 2020**

Item 1: Do you support the MRC endorsed proposal?  
(Vote Result: PASSED)

**Companies Serving Load within PJM  
Vote Breakdown**



**Groups based on  
Avg Real-Time  
Metered Load (MW)  
over all the hours of the year  
2019**

Small: <1,000  
Medium: >=1,000 and <=5,000  
Large: >5,000

This chart shows how companies serving metered load voted.  
Each company is categorized as Small, Medium, or Large based on  
the average real-time metered load served over all hours  
of the year prior to the year the vote was taken.

|        | Yes | No | Abstain |
|--------|-----|----|---------|
| Medium | 2   | 1  | 0       |
| Small  | 24  | 0  | 3       |

\*Refer to the Company Designations table "Load Server Group" column to see each company's group designation found on this chart.

### SECTION 3

The table reports displayed in this section provide important detail supporting the charts in the previous sections.

**PJM Members Committee**  
**MC Meeting Date: September 17, 2020**

Item 1: Do you support the MRC endorsed proposal?  
 (Vote Result: PASSED)

**SECTOR DETAIL VOTE BREAKDOWN**

| <b>End-Use Customer</b>                                     |  |  |                             |
|---|--|--|-----------------------------|
| <b>Yes</b>  | <b>No</b>  | <b>Abstain</b>                           | <b>Sector Vote In Favor</b> |
| 12  | 2  | 2  | 85.7 %                      |
| Air Products & Chemicals, Inc.                              | Indiana Office of Utility Consumer Counselor (IN OUCC) | Maryland Office of People's Counsel      |                             |
| ArceLorMittal USA LLC                                       | Office of the Attorney General, Kentucky               | West Virginia Consumer Advocate Division |                             |
| Delaware Division of the Public Advocate                    |  |  |                             |
| Lehigh Portland Cement Company                              |  |  |                             |
| MeadWestvaco Corporation                                    |  |  |                             |
| Messer LLC  |  |  |                             |
| New Jersey Division of Rate Counsel                         |  |  |                             |
| Office of the People's Counsel for the District of Columbia |  |  |                             |
| Pennsylvania Office of Consumer Advocate                    |  |  |                             |
| Praxair, Inc.   |  |  |                             |
| Public Staff - North Carolina Utilities Commission          |  |  |                             |
| Trustees of the University of Pennsylvania                  |  |  |                             |
| <b>Transmission Owner</b>                                   |  |  |                             |
| <b>Yes</b>  | <b>No</b>  | <b>Abstain</b>                           | <b>Sector Vote In Favor</b> |
| 6   | 5  | 0  | 54.5 %                      |
| American Transmission Systems, Inc.                         | Appalachian Power Company                              |  |                             |
| Dayton Power & Light Company (The)                          | Duquesne Light Company                                 |  |                             |
| Duke Energy Business Services LLC                           | East Kentucky Power Cooperative, Inc.                  |  |                             |
| Exelon Business Services Company, LLC                       | Public Service Electric & Gas Company                  |  |                             |
| PPL Electric Utilities Corporation d/b/a PPL Utilities      | Virginia Electric & Power Company                      |  |                             |
| Rockland Electric Company                                   |  |  |                             |
| <b>Generation Owner</b>                                     |  |  |                             |
| <b>Yes</b>  | <b>No</b>  | <b>Abstain</b>                           | <b>Sector Vote In Favor</b> |
| 15  | 8  | 8  | 65.2 %                      |
| Avangrid Renewables, LLC                                    | Calpine Energy Services, L.P.                          | Carroll County Energy LLC                |                             |
| Big Savage, LLC   | Eastern Generation, LLC                                | Cypress Creek Renewables, LLC            |                             |
| Covanta Energy Group, LLC                                   | Elwood Energy, LLC                                     | Dynegy Marketing and Trade, LLC          |                             |

| Generation Owner                                  |                                   |  |                      |
|---|-----------------------------------|--|----------------------|
| Yes   | No                                | Abstain                                      | Sector Vote In Favor |
| 15  | 8                                 | 8  | 65.2 %               |
| EDP Renewables North America LLC                  | Essential Power Rock Springs, LLC | Energy Harbor LLC                            |                      |
| Eagle Point Power Generation, LLC                 | NRG Power Marketing, LLC          | GenOn Energy Management, LLC                 |                      |
| Geenex Solar LLC                                  | Riverside Generating, LLC         | Hazleton Generation LLC                      |                      |
| GlidePath Power Operations LLC                    | Talen Energy Marketing, LLC       | Moxie Freedom LLC                            |                      |
| Indiana Municipal Power Agency                    | Wheelabrator Falls Inc.           | Newark Energy Center, LLC                    |                      |
| Invenery, LLC                                     |                                   |  |                      |
| Kimberly-Clark Corporation                        |                                   |  |                      |
| Longview Power, LLC                               |                                   |  |                      |
| Michigan Public Power Agency                      |                                   |  |                      |
| Procter & Gamble Paper Products Company (The)     |                                   |  |                      |
| Recurrent Energy, LLC                             |                                   |  |                      |
| York County Solid Waste and Refuse Authority      |                                   |  |                      |
| Electric Distributor                              |                                   |  |                      |
| Yes   | No                                | Abstain                                      | Sector Vote In Favor |
| 24  | 0                                 | 2  | 100.0 %              |
| Borough of Butler, Butler Electric Division       |                                   | Southern Maryland Electric Cooperative, Inc. |                      |
| Borough of Chambersburg                           |                                   | Wabash Valley Power Association, Inc.        |                      |
| Borough of Lavallette, New Jersey                 |                                   |  |                      |
| Borough of Madison, New Jersey                    |                                   |  |                      |
| Borough of Milltown, New Jersey                   |                                   |  |                      |
| Borough of Mont Alto, Pennsylvania                |                                   |  |                      |
| Borough of Park Ridge, New Jersey                 |                                   |  |                      |
| Borough of Pemberton, New Jersey                  |                                   |  |                      |
| Borough of Seaside Heights, New Jersey            |                                   |  |                      |
| Borough of South River, New Jersey                |                                   |  |                      |
| Buckeye Power, Inc.                               |                                   |  |                      |
| City of Dover, Delaware                           |                                   |  |                      |
| Delaware Municipal Electric Corporation, Inc.     |                                   |  |                      |
| Easton Utilities Commission                       |                                   |  |                      |
| Hagerstown Light Department                       |                                   |  |                      |
| Illinois Municipal Electric Agency                |                                   |  |                      |
| Letterkenny Industrial Development Authority - PA |                                   |  |                      |
| North Carolina Electric Membership Corporation    |                                   |  |                      |
| Northern Virginia Electric Cooperative (NOVEC)    |                                   |  |                      |



| Electric Distributor                                 |    |                                  |                      |
|--|----|----------------------------------|----------------------|
| Yes  | No | Abstain                          | Sector Vote In Favor |
| 24   | 0  | 2                                | 100.0 %              |
| Old Dominion Electric Cooperative                    |    |                                  |                      |
| Thurmont Municipal Light Company                     |    |                                  |                      |
| Town of Williamsport (The)                           |    |                                  |                      |
| Vineland Municipal Electric Utility                  |    |                                  |                      |
| Wellsboro Electric Company                           |    |                                  |                      |
| Other Supplier                                       |    |                                  |                      |
| Yes  | No | Abstain                          | Sector Vote In Favor |
| 17   | 0  | 2                                | 100.0 %              |
| Affirmed Energy LLC                                  |    | Industrial Energy Users-Ohio     |                      |
| Brookfield Renewable Trading and Marketing LP        |    | Kentucky Municipal Energy Agency |                      |
| COI Energy Services, Inc.                            |    |                                  |                      |
| Carolina Solar Energy III, LLC                       |    |                                  |                      |
| Direct Energy Business, LLC                          |    |                                  |                      |
| Enel X North America, Inc.                           |    |                                  |                      |
| Energy Cooperative Association of Pennsylvania (The) |    |                                  |                      |
| Gerdau Ameristeel Energy, Inc.                       |    |                                  |                      |
| H.Q. Energy Services (U.S.), Inc.                    |    |                                  |                      |
| Jersey Green Energy, LLC                             |    |                                  |                      |
| Madison Gas & Electric Co.                           |    |                                  |                      |
| MidAtlantic Power Partners, LLC                      |    |                                  |                      |
| NextEra Energy Marketing, LLC                        |    |                                  |                      |
| Rodan Energy Solutions (USA) Inc.                    |    |                                  |                      |
| Shell Energy North America (US), L.P.                |    |                                  |                      |
| Tangent Energy Solutions, Inc.                       |    |                                  |                      |
| WPPI Energy  |    |                                  |                      |

**PJM Members Committee**  
**MC Meeting Date: September 17, 2020**

Item 1: Do you support the MRC endorsed proposal?  
 (Vote Result: PASSED)

**COMPANY DESIGNATIONS (Sorted by Sector then by Company Name)**

| Vote    | Company Name<br>(in PJM CRM system)               | Company Sector<br>(in PJM CRM System) | Company Line of Business<br>(In PJM CRM system) | Buyer-Seller Group | Generation Group | Transmission Group | Load Server Group | Line of Business Designation |
|---------|---|---------------------------------------|---|--------------------|------------------|--------------------|-------------------|------------------------------|
| Yes     | Borough of Butler, Butler Electric Division       | Electric Distributor                  | Load Serving Entity                             | Buyer              | Small            | Zero               | Small             | Retail Marketer              |
| Yes     | Borough of Chambersburg                           | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Zero               | Small             | Public Power (inside)        |
| Yes     | Borough of Lavallette, New Jersey                 | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Zero               | Small             | Public Power (inside)        |
| Yes     | Borough of Madison, New Jersey                    | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Zero               | Small             | Public Power (inside)        |
| Yes     | Borough of Milltown, New Jersey                   | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Zero               | Small             | Public Power (inside)        |
| Yes     | Borough of Mont Alto, Pennsylvania                | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Zero               | Small             | Public Power (inside)        |
| Yes     | Borough of Park Ridge, New Jersey                 | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Zero               | Small             | Public Power (inside)        |
| Yes     | Borough of Pemberton, New Jersey                  | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Zero               | Small             | Public Power (inside)        |
| Yes     | Borough of Seaside Heights, New Jersey            | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Zero               | Small             | Public Power (inside)        |
| Yes     | Borough of South River, New Jersey                | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Zero               | Small             | Public Power (inside)        |
| Yes     | Buckeye Power, Inc.                               | Electric Distributor                  | Muni/Co-op                                      | Seller             | Medium           | Zero               | Medium            | Public Power (inside)        |
| Yes     | City of Dover, Delaware                           | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Zero               | Small             | Public Power (inside)        |
| Yes     | Delaware Municipal Electric Corporation, Inc.     | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Zero               | Small             | Public Power (inside)        |
| Yes     | Easton Utilities Commission                       | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Zero               | Small             | Public Power (inside)        |
| Yes     | Hagerstown Light Department                       | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Zero             | Zero               | Zero              | Public Power (inside)        |
| Yes     | Illinois Municipal Electric Agency                | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Medium           | Zero               | Small             | Public Power (inside)        |
| Yes     | Letterkenny Industrial Development Authority - PA | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Zero             | Zero               | Small             | Public Power (inside)        |
| Yes     | North Carolina Electric Membership Corporation    | Electric Distributor                  | Muni/Co-op                                      | Seller             | Small            | Zero               | Small             | Public Power (inside)        |
| Yes     | Northern Virginia Electric Cooperative (NOVEC)    | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Zero             | Zero               | Small             | Public Power (inside)        |
| Yes     | Old Dominion Electric Cooperative                 | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Medium           | Small              | Small             | Public Power (inside)        |
| Abstain | Southern Maryland Electric Cooperative, Inc.      | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Small              | Small             | Public Power (inside)        |
| Yes     | Thurmont Municipal Light Company                  | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Zero             | Zero               | Zero              | Public Power (inside)        |

| Vote    | Company Name<br>(in PJM CRM system)                         | Company Sector<br>(in PJM CRM System) | Company Line of Business<br>(In PJM CRM system) | Buyer-Seller Group | Generation Group | Transmission Group | Load Server Group | Line of Business Designation |
|---------|---|---------------------------------------|---|--------------------|------------------|--------------------|-------------------|------------------------------|
| Yes     | Town of Williamsport (The)                                  | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Zero             | Zero               | Zero              | Public Power (inside)        |
| Yes     | Vineland Municipal Electric Utility                         | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Zero               | Small             | Public Power (inside)        |
| Abstain | Wabash Valley Power Association, Inc.                       | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Zero               | Zero              | Public Power (inside)        |
| Yes     | Wellsboro Electric Company                                  | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Zero             | Zero               | Small             | Public Power (inside)        |
| Yes     | Air Products & Chemicals, Inc.                              | End-Use Customer                      | Industrial                                      | Buyer              | Zero             | Zero               | Zero              | Industrial Customer          |
| Yes     | ArcelorMittal USA LLC                                       | End-Use Customer                      | Load Serving Entity                             | Buyer              | Zero             | Zero               | Small             | Retail Marketer              |
| Yes     | Delaware Division of the Public Advocate                    | End-Use Customer                      | Consumer Advocate                               | Buyer              | Zero             | Zero               | Zero              | Consumer Advocate            |
| No      | Indiana Office of Utility Consumer Counselor (IN OUCC)      | End-Use Customer                      | Consumer Advocate                               | Buyer              | Zero             | Zero               | Zero              | Consumer Advocate            |
| Yes     | Lehigh Portland Cement Company                              | End-Use Customer                      | Industrial                                      | Buyer              | Zero             | Zero               | Zero              | Industrial Customer          |
| Abstain | Maryland Office of People's Counsel                         | End-Use Customer                      | Consumer Advocate                               | Buyer              | Zero             | Zero               | Zero              | Consumer Advocate            |
| Yes     | MeadWestvaco Corporation                                    | End-Use Customer                      | Generation                                      | Buyer              | Zero             | Zero               | Zero              | IPP                          |
| Yes     | Messer LLC  | End-Use Customer                      | Industrial                                      | Seller             | Zero             | Zero               | Zero              | Industrial Customer          |
| Yes     | New Jersey Division of Rate Counsel                         | End-Use Customer                      | Consumer Advocate                               | Buyer              | Zero             | Zero               | Zero              | Consumer Advocate            |
| No      | Office of the Attorney General, Kentucky                    | End-Use Customer                      | Consumer Advocate                               | Buyer              | Zero             | Zero               | Zero              | Consumer Advocate            |
| Yes     | Office of the People's Counsel for the District of Columbia | End-Use Customer                      | Consumer Advocate                               | Buyer              | Zero             | Zero               | Zero              | Consumer Advocate            |
| Yes     | Pennsylvania Office of Consumer Advocate                    | End-Use Customer                      | Consumer Advocate                               | Buyer              | Zero             | Zero               | Zero              | Consumer Advocate            |
| Yes     | Praxair, Inc.   | End-Use Customer                      | Industrial                                      | Seller             | Zero             | Zero               | Zero              | Industrial Customer          |
| Yes     | Public Staff - North Carolina Utilities Commission          | End-Use Customer                      | Consumer Advocate                               | Buyer              | Zero             | Zero               | Zero              | Consumer Advocate            |
| Yes     | Trustees of the University of Pennsylvania                  | End-Use Customer                      | Load Serving Entity                             | Buyer              | Zero             | Zero               | Small             | Retail Marketer              |
| Abstain | West Virginia Consumer Advocate Division                    | End-Use Customer                      | Consumer Advocate                               | Buyer              | Zero             | Zero               | Zero              | Consumer Advocate            |
| Yes     | Avangrid Renewables, LLC                                    | Generation Owner                      | Generation                                      | Seller             | Small            | Zero               | Zero              | IPP                          |
| Yes     | Big Savage, LLC   | Generation Owner                      | Generation                                      | Seller             | Small            | Zero               | Zero              | IPP                          |
| No      | Calpine Energy Services, L.P.                               | Generation Owner                      | Load Serving Entity                             | Seller             | Large            | Zero               | Zero              | Retail Marketer              |
| Abstain | Carroll County Energy LLC                                   | Generation Owner                      | Generation Owner/Ancillary Service Provider     | Buyer              | Medium           | Zero               | Zero              | Ancillary Service Provider   |
| Yes     | Covanta Energy Group, LLC                                   | Generation Owner                      | Generation                                      | Buyer              | Zero             | Zero               | Zero              | IPP                          |
| Abstain | Cypress Creek Renewables, LLC                               | Generation Owner                      | Generation                                      | Buyer              | Zero             | Zero               | Zero              | IPP                          |
| Abstain | Dynegy Marketing and Trade, LLC                             | Generation Owner                      | Generation                                      | Seller             | Zero             | Zero               | Zero              | IPP                          |

| Vote    | Company Name<br>(in PJM CRM system)           | Company Sector<br>(in PJM CRM System) | Company Line of Business<br>(In PJM CRM system)         | Buyer-Seller Group | Generation Group | Transmission Group | Load Server Group | Line of Business Designation |
|---------|---|---------------------------------------|---|--------------------|------------------|--------------------|-------------------|------------------------------|
| Yes     | Eagle Point Power Generation, LLC             | Generation Owner                      | Generation  | Seller             | Small            | Zero               | Zero              | IPP                          |
| No      | Eastern Generation, LLC                       | Generation Owner                      | Generation Owner/Ancillary Service Provider             | Buyer              | Zero             | Zero               | Zero              | Ancillary Service Provider   |
| Yes     | EDP Renewables North America LLC              | Generation Owner                      | Generation  | Seller             | Small            | Zero               | Zero              | IPP                          |
| No      | Elwood Energy, LLC                            | Generation Owner                      | Generation  | Seller             | Zero             | Zero               | Zero              | IPP                          |
| Abstain | Energy Harbor LLC                             | Generation Owner                      | Generation  | Buyer              | Zero             | Zero               | Small             | IPP                          |
| No      | Essential Power Rock Springs, LLC             | Generation Owner                      | Generation  | Seller             | Zero             | Zero               | Zero              | IPP                          |
| Yes     | Geenex Solar LLC                              | Generation Owner                      | Project Developer                                       | Buyer              | Zero             | Zero               | Zero              | Project Developer            |
| Abstain | GenOn Energy Management, LLC                  | Generation Owner                      | Generation  | Buyer              | Zero             | Zero               | Zero              | IPP                          |
| Yes     | GlidePath Power Operations LLC                | Generation Owner                      | Generation Owner/Ancillary Service Provider             | Buyer              | Zero             | Zero               | Zero              | Ancillary Service Provider   |
| Abstain | Hazleton Generation LLC                       | Generation Owner                      | Generation  | Seller             | Small            | Zero               | Zero              | IPP                          |
| Yes     | Indiana Municipal Power Agency                | Generation Owner                      | Muni/Co-op  | Buyer              | Small            | Zero               | Small             | Public Power (inside)        |
| Yes     | Invenergy, LLC                                | Generation Owner                      | Generation  | Buyer              | Zero             | Zero               | Zero              | IPP                          |
| Yes     | Kimberly-Clark Corporation                    | Generation Owner                      | Generation  | Seller             | Zero             | Zero               | Zero              | IPP                          |
| Yes     | Longview Power, LLC                           | Generation Owner                      | Generation  | Seller             | Medium           | Zero               | Zero              | IPP                          |
| Yes     | Michigan Public Power Agency                  | Generation Owner                      | Generation  | Seller             | Small            | Zero               | Zero              | IPP                          |
| Abstain | Moxie Freedom LLC                             | Generation Owner                      | Generation Owner/Ancillary Service Provider             | Buyer              | Medium           | Zero               | Zero              | Ancillary Service Provider   |
| Abstain | Newark Energy Center, LLC                     | Generation Owner                      | Generation  | Buyer              | Zero             | Zero               | Zero              | IPP                          |
| No      | NRG Power Marketing, LLC                      | Generation Owner                      | Generation  | Seller             | Medium           | Zero               | Zero              | IPP                          |
| Yes     | Procter & Gamble Paper Products Company (The) | Generation Owner                      | Industrial  | Buyer              | Zero             | Zero               | Zero              | Industrial Customer          |
| Yes     | Recurrent Energy, LLC                         | Generation Owner                      | Project Developer                                       | Buyer              | Zero             | Zero               | Zero              | Project Developer            |
| No      | Riverside Generating, LLC                     | Generation Owner                      | Power Marketer  | Seller             | Zero             | Zero               | Zero              | Wholesale Marketer           |
| No      | Talen Energy Marketing, LLC                   | Generation Owner                      | Generation  | Seller             | Large            | Large              | Zero              | IPP                          |
| No      | Wheelabrator Falls Inc.                       | Generation Owner                      | Generation  | Seller             | Small            | Zero               | Zero              | IPP                          |
| Yes     | York County Solid Waste and Refuse Authority  | Generation Owner                      | Generation  | Buyer              | Small            | Zero               | Zero              | IPP                          |
| Yes     | Affirmed Energy LLC                           | Other Supplier                        | Curtailment Service Provider/Ancillary Service Provider | Buyer              | Zero             | Zero               | Zero              | Ancillary Service Provider   |
| Yes     | Brookfield Renewable Trading and Marketing LP | Other Supplier                        | Generation  | Buyer              | Zero             | Zero               | Zero              | IPP                          |
| Yes     | Carolina Solar Energy III, LLC                | Other Supplier                        | Generation  | Buyer              | Zero             | Zero               | Zero              | IPP                          |

| Vote    | Company Name<br>(in PJM CRM system)                    | Company Sector<br>(in PJM CRM System) | Company Line of Business<br>(In PJM CRM system)       | Buyer-Seller Group | Generation Group | Transmission Group | Load Server Group | Line of Business Designation |
|---------|--|---------------------------------------|---|--------------------|------------------|--------------------|-------------------|------------------------------|
| Yes     | COI Energy Services, Inc.                              | Other Supplier                        | Curtailed Service Provider/Ancillary Service Provider | Buyer              | Zero             | Zero               | Zero              | Ancillary Service Provider   |
| Yes     | Direct Energy Business, LLC                            | Other Supplier                        | Load Serving Entity                                   | Buyer              | Medium           | Zero               | Medium            | Retail Marketer              |
| Yes     | Enel X North America, Inc.                             | Other Supplier                        | Curtailed Service Provider                            | Seller             | Zero             | Zero               | Zero              | Curtailed Provider           |
| Yes     | Energy Cooperative Association of Pennsylvania (The)   | Other Supplier                        | Muni/Co-op  | Buyer              | Zero             | Zero               | Zero              | Public Power (inside)        |
| Yes     | Gerdau Ameristeel Energy, Inc.                         | Other Supplier                        | Financial Trader                                      | Buyer              | Zero             | Zero               | Zero              | Financial Trader             |
| Yes     | H.Q. Energy Services (U.S.), Inc.                      | Other Supplier                        | Power Marketer  | Seller             | Zero             | Zero               | Zero              | Wholesale Marketer           |
| Abstain | Industrial Energy Users-Ohio                           | Other Supplier                        | Load Serving Entity                                   | Seller             | Zero             | Zero               | Zero              | Retail Marketer              |
| Yes     | Jersey Green Energy, LLC                               | Other Supplier                        | Financial Trader                                      | Buyer              | Zero             | Zero               | Zero              | Financial Trader             |
| Abstain | Kentucky Municipal Energy Agency                       | Other Supplier                        | Muni/Co-op  | Buyer              | Zero             | Zero               | Small             | Public Power (inside)        |
| Yes     | Madison Gas & Electric Co.                             | Other Supplier                        | Power Marketer  | Buyer              | Zero             | Zero               | Zero              | Wholesale Marketer           |
| Yes     | MidAtlantic Power Partners, LLC                        | Other Supplier                        | Curtailed Service Provider                            | Seller             | Zero             | Zero               | Zero              | Curtailed Provider           |
| Yes     | NextEra Energy Marketing, LLC                          | Other Supplier                        | Generation  | Buyer              | Small            | Zero               | Zero              | IPP                          |
| Yes     | Rodan Energy Solutions (USA) Inc.                      | Other Supplier                        | Curtailed Service Provider/Ancillary Service Provider | Buyer              | Zero             | Zero               | Zero              | Ancillary Service Provider   |
| Yes     | Shell Energy North America (US), L.P.                  | Other Supplier                        | Generation  | Buyer              | Zero             | Zero               | Zero              | IPP                          |
| Yes     | Tangent Energy Solutions, Inc.                         | Other Supplier                        | Curtailed Service Provider                            | Seller             | Zero             | Zero               | Zero              | Curtailed Provider           |
| Yes     | WPPI Energy  | Other Supplier                        | Power Marketer  | Buyer              | Zero             | Zero               | Zero              | Wholesale Marketer           |
| Yes     | American Transmission Systems, Inc.                    | Transmission Owner                    | Transmission Owner                                    | Buyer              | Zero             | Large              | Zero              | IOU (inside)                 |
| No      | Appalachian Power Company                              | Transmission Owner                    | Transmission Owner                                    | Buyer              | Large            | Large              | Zero              | IOU (inside)                 |
| Yes     | Dayton Power & Light Company (The)                     | Transmission Owner                    | Transmission Owner                                    | Buyer              | Small            | Small              | Zero              | IOU (inside)                 |
| Yes     | Duke Energy Business Services LLC                      | Transmission Owner                    | Transmission Owner                                    | Buyer              | Zero             | Zero               | Zero              | IOU (inside)                 |
| No      | Duquesne Light Company                                 | Transmission Owner                    | Transmission Owner                                    | Seller             | Zero             | Medium             | Zero              | IOU (inside)                 |
| No      | East Kentucky Power Cooperative, Inc.                  | Transmission Owner                    | Transmission Owner                                    | Buyer              | Large            | Medium             | Medium            | IOU (inside)                 |
| Yes     | Exelon Business Services Company, LLC                  | Transmission Owner                    | Transmission Owner                                    | Buyer              | Zero             | Zero               | Zero              | IOU (inside)                 |
| Yes     | PPL Electric Utilities Corporation d/b/a PPL Utilities | Transmission Owner                    | Transmission Owner                                    | Buyer              | Zero             | Zero               | Small             | IOU (inside)                 |
| No      | Public Service Electric & Gas Company                  | Transmission Owner                    | Transmission Owner                                    | Buyer              | Zero             | Large              | Zero              | IOU (inside)                 |
| Yes     | Rockland Electric Company                              | Transmission Owner                    | Transmission Owner                                    | Buyer              | Zero             | Small              | Zero              | IOU (inside)                 |

| Vote | Company Name<br>(in PJM CRM system) | Company Sector<br>(in PJM CRM System) | Company Line of Business<br>(In PJM CRM system) | Buyer-Seller Group | Generation Group | Transmission Group | Load Server Group | Line of Business Designation |
|------|-------------------------------------|---------------------------------------|---|--------------------|------------------|--------------------|-------------------|------------------------------|
| No   | Virginia Electric & Power Company   | Transmission Owner                    | Transmission Owner                              | Buyer              | Zero             | Large              | Zero              | IOU (inside)                 |