

## SUPPLEMENTAL VOTING RESULTS

PJM Members Committee  
MC Meeting Date: March 23, 2022

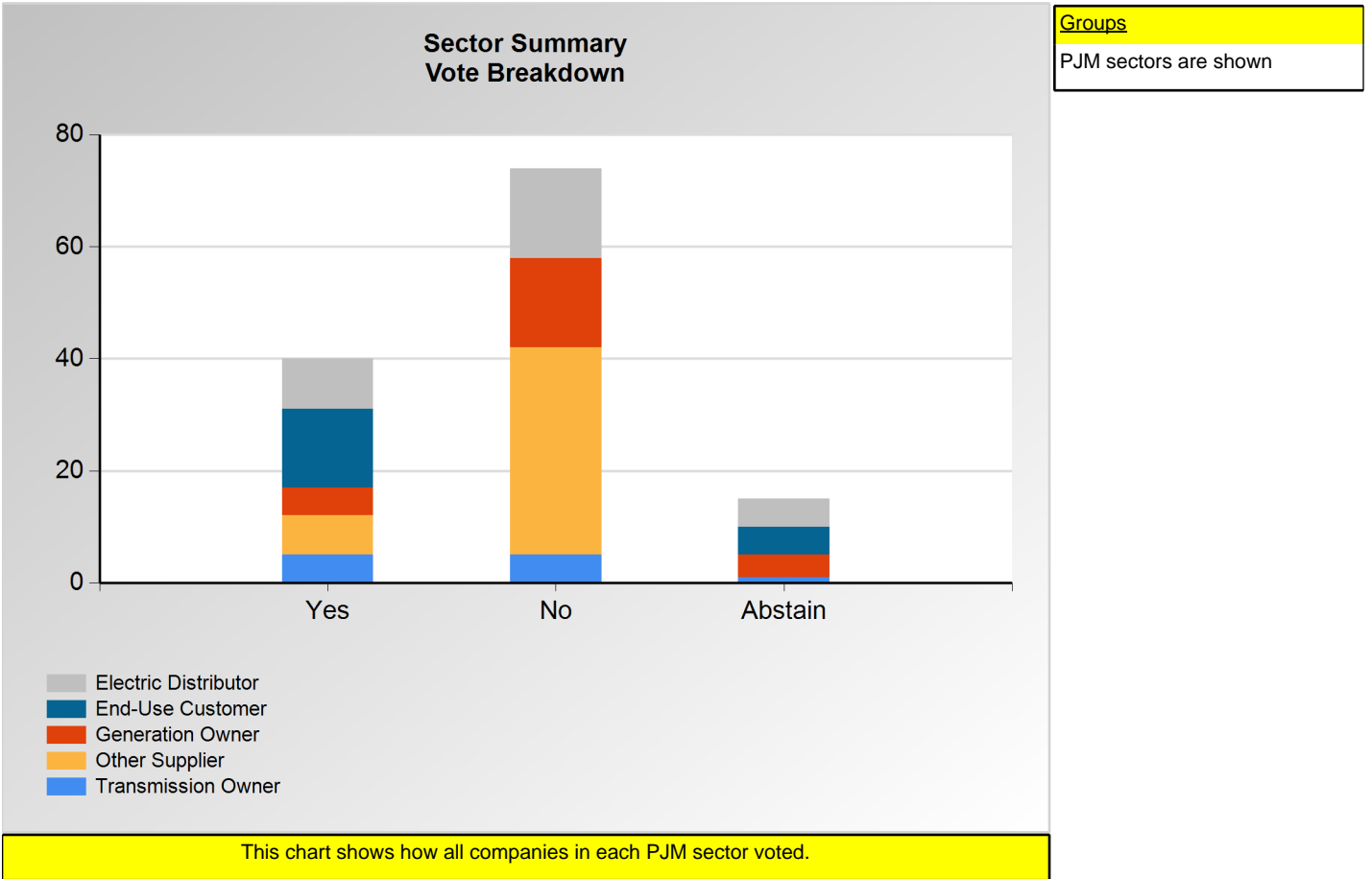
Item: 1B3 Do you endorse the FTR Credit Requirement revisions, including the HSIM Initial Margining proposal, filed by PJM on December 21, 2021, as amended, replacing the 97% confidence interval (CI) with the 99% CI?  
(Vote Result: FAILED)

## 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: March 23, 2022**

Item 1B3: Do you endorse the FTR Credit Requirement revisions, including the HSIM Initial Margining proposal, filed by PJM on December 21, 2021, as amended, replacing the 97% confidence interval (CI) with the 99% CI?  
(Vote Result: FAILED)



**Additional Detail:**

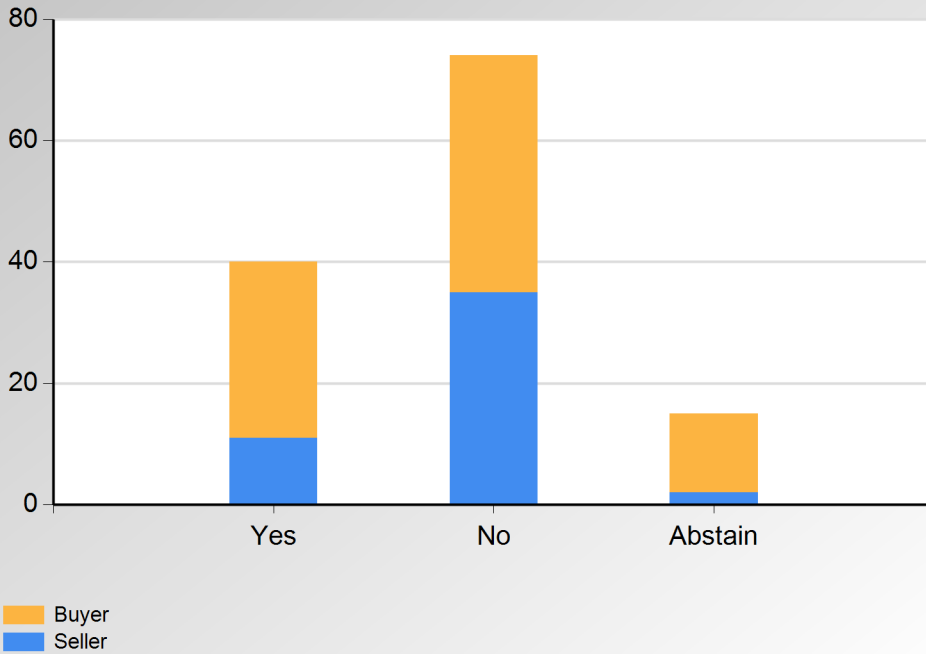
|                      | Eligible   | Attended   | Did Not Vote | Yes       | No        | Abstain   | Sector Vote In Favor | Sector Weight in Favor |
|----------------------|------------|------------|--------------|-----------|-----------|-----------|----------------------|------------------------|
| End-Use Customer     | 36         | 21         | 2            | 14        | 0         | 5         | 100.0 %              | 1.000                  |
| Transmission Owner   | 14         | 12         | 1            | 5         | 5         | 1         | 50.0 %               | 0.500                  |
| Generation Owner     | 111        | 28         | 3            | 5         | 16        | 4         | 23.8 %               | 0.238                  |
| Electric Distributor | 43         | 34         | 4            | 9         | 16        | 5         | 36.0 %               | 0.360                  |
| Other Supplier       | 311        | 49         | 5            | 7         | 37        | 0         | 15.9 %               | 0.159                  |
| <b>Total</b>         | <b>515</b> | <b>144</b> | <b>15</b>    | <b>40</b> | <b>74</b> | <b>15</b> |                      | <b>2.257</b>           |

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

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(Vote Result: FAILED)

**Net Buyer-Seller Position  
Vote Breakdown**



Buyers-Sellers based on  
Net Due (\$MM) 12-month  
total for 2021

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  | 29  | 39 | 13      |
| Seller | 11  | 35 | 2       |

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

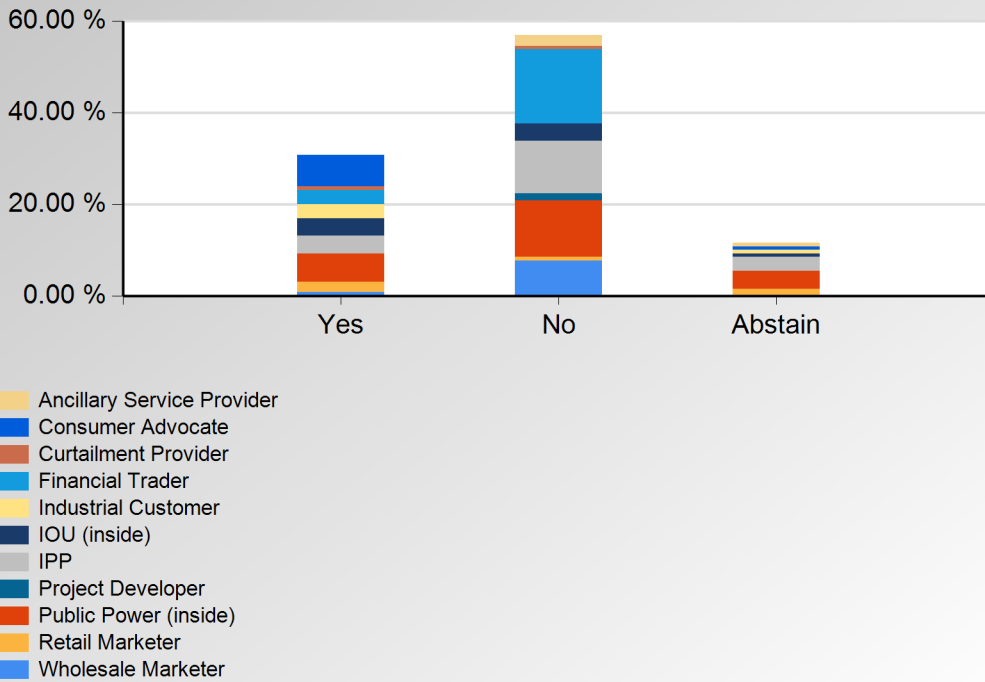
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**PJM Members Committee**  
**MC Meeting Date: March 23, 2022**

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

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



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 | 0.00 %  | 0.71 %  | 0.91 %  |
| Consumer Advocate          | 25.00 % | 0.00 %  | 2.78 %  |
| Curtailment Provider       | 0.32 %  | 0.32 %  | 0.00 %  |
| Financial Trader           | 1.15 %  | 6.75 %  | 0.00 %  |
| Industrial Customer        | 11.11 % | 0.00 %  | 2.78 %  |
| IOU (inside)               | 35.71 % | 35.71 % | 7.14 %  |
| IPP                        | 1.19 %  | 3.23 %  | 2.74 %  |
| Project Developer          | 0.00 %  | 0.64 %  | 0.00 %  |
| Public Power (inside)      | 18.60 % | 4.52 %  | 11.63 % |
| Retail Marketer            | 0.85 %  | 0.91 %  | 5.56 %  |
| Wholesale Marketer         | 0.91 %  | 2.38 %  | 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

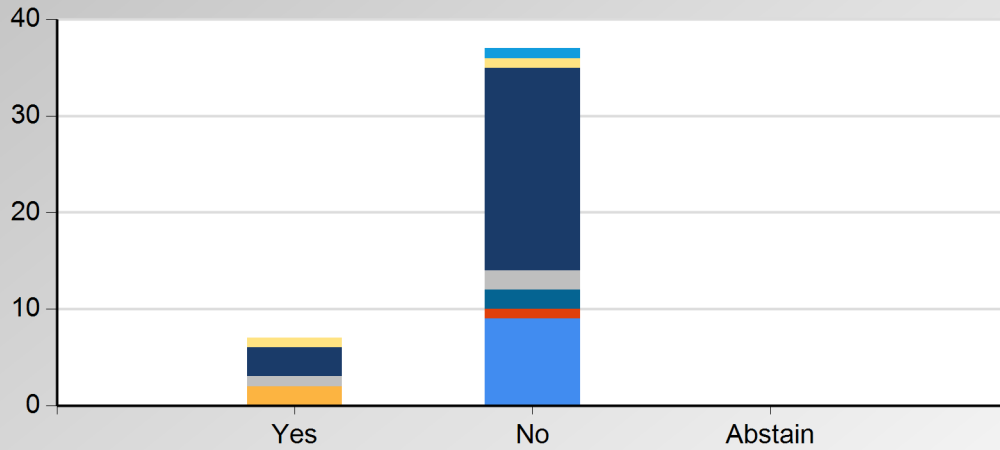
Charts displayed in this section include various portrayals of how various subsets of companies voted at the Members Committee (MC) meeting on this particular issue.

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(Vote Result: FAILED)

**Other Supplier Group  
Vote Breakdown**

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



- Ancillary Service Provider
- Curtailment Provider
- Financial Trader
- IPP
- Project Developer
- Public Power (inside)
- Retail Marketer
- Wholesale Marketer

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

|                            | Yes | No | Abstain |
|----------------------------|-----|----|---------|
| Ancillary Service Provider | 0   | 1  | 0       |
| Curtailment Provider       | 1   | 1  | 0       |
| Financial Trader           | 3   | 21 | 0       |
| IPP                        | 1   | 2  | 0       |
| Project Developer          | 0   | 2  | 0       |
| Public Power (inside)      | 0   | 1  | 0       |
| Retail Marketer            | 2   | 0  | 0       |
| Wholesale Marketer         | 0   | 9  | 0       |

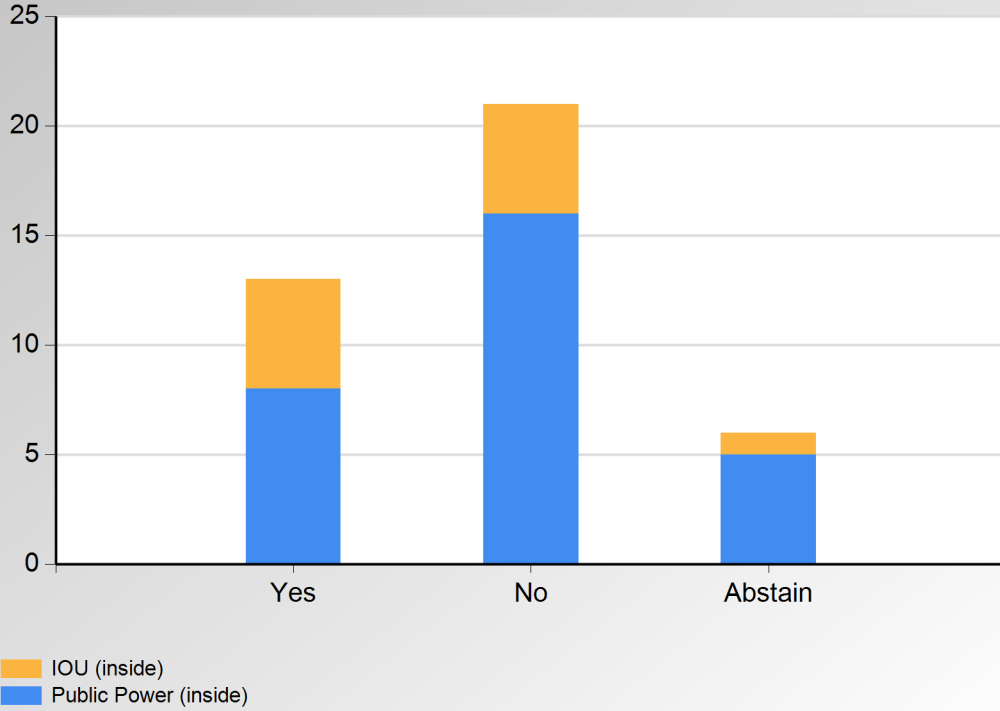
\*Refer to the Company Designations table "Line of Business Designation" column to see each company's group designation found on this chart.



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(Vote Result: FAILED)

**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.

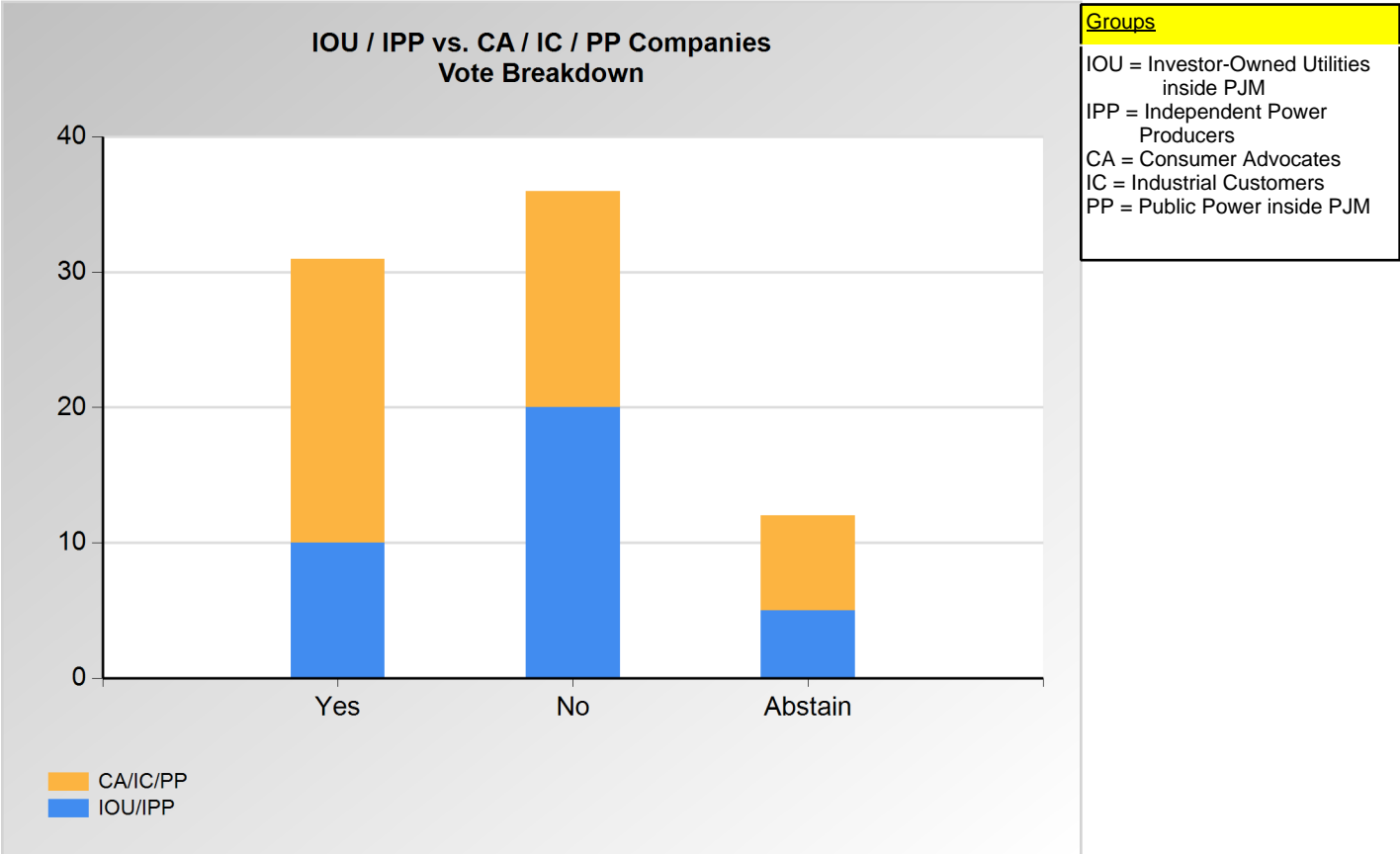
This chart shows how a subset of companies voted.  
Public power entities are compared to investor-owned (IOUs) within PJM's footprint.

|                       | Yes | No | Abstain |
|-----------------------|-----|----|---------|
| IOU (inside)          | 5   | 5  | 1       |
| Public Power (inside) | 8   | 16 | 5       |

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

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(Vote Result: FAILED)



**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.

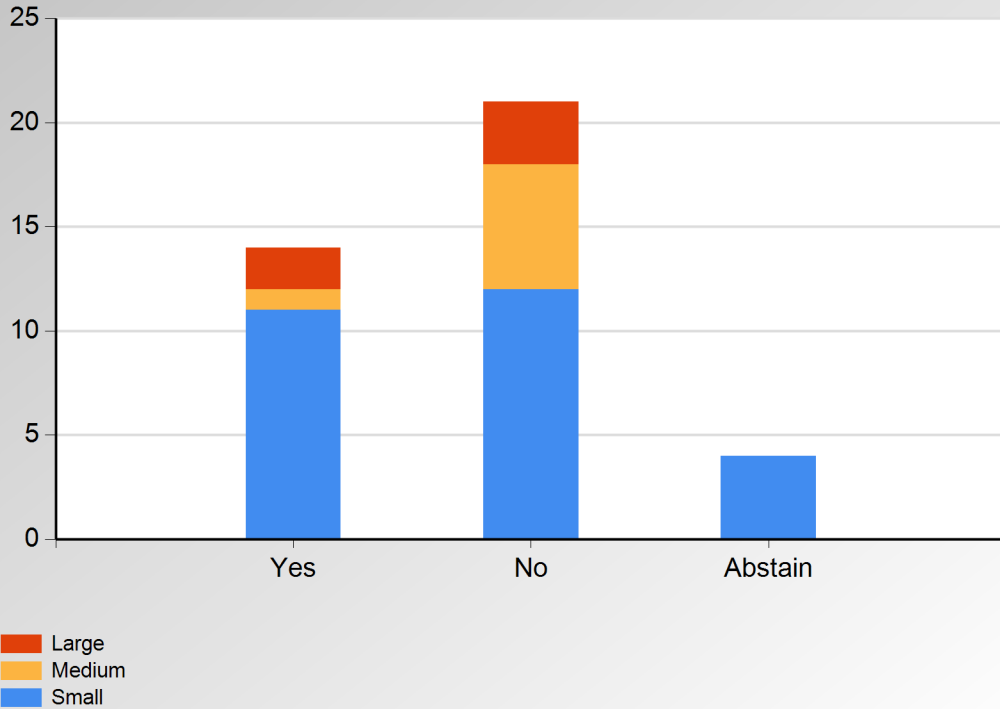
|          | Yes | No | Abstain |
|----------|-----|----|---------|
| CA/IC/PP | 21  | 16 | 7       |
| IOU/IPP  | 10  | 20 | 5       |

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

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(Vote Result: FAILED)

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



**Generation Groupings based on MW Installed Capacity on January 1, 2022**  
 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  | 2   | 3  | 0       |
| Medium | 1   | 6  | 0       |
| Small  | 11  | 12 | 4       |

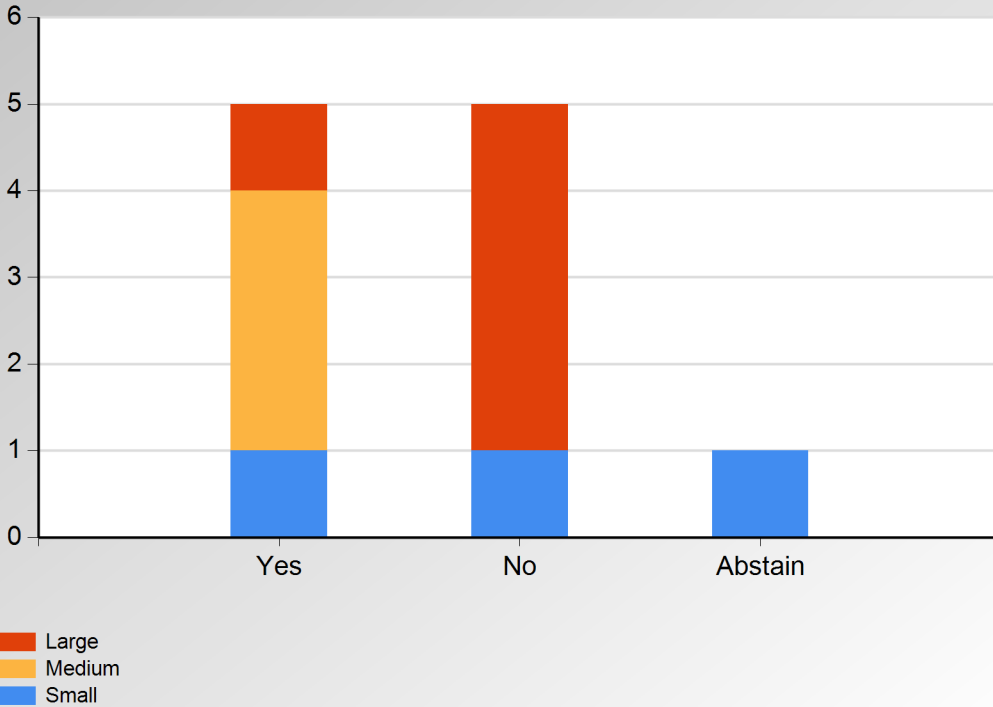
\*Refer to the Company Designations table "Generation Group" column to see each company's group designation found on this chart.

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

Groups based on Revenue Reqs (\$MM) on January 1, 2022  
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.

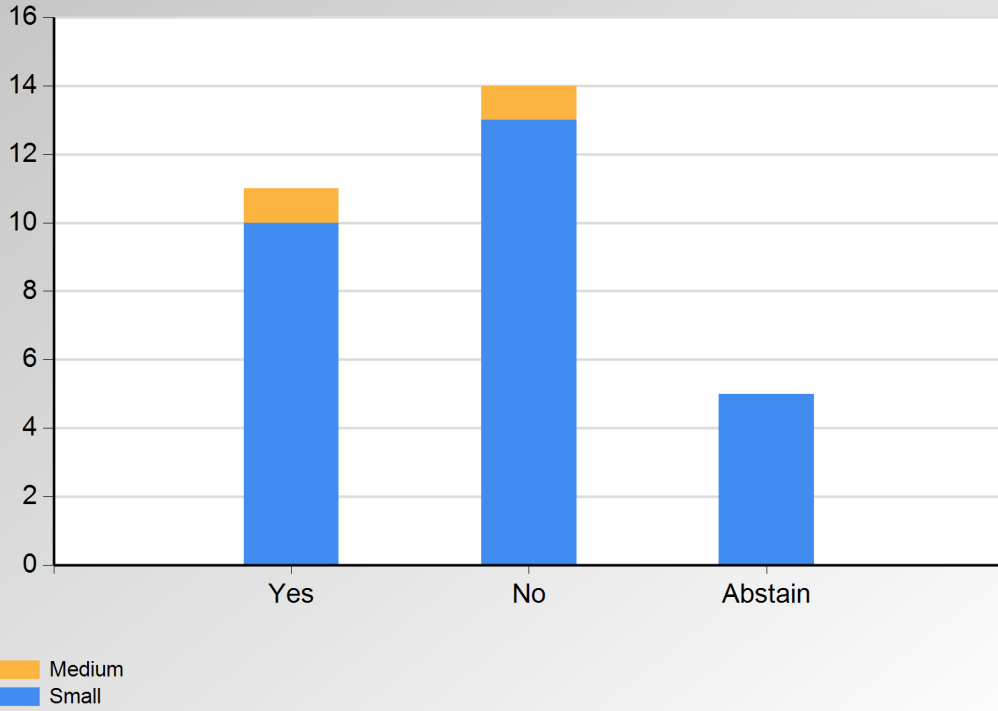
|        | Yes | No | Abstain |
|--------|-----|----|---------|
| Large  | 1   | 4  | 0       |
| Medium | 3   | 0  | 0       |
| Small  | 1   | 1  | 1       |

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

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(Vote Result: FAILED)

**Companies Serving Load within PJM  
Vote Breakdown**



Groups based on Avg Real-Time Metered Load (MW) over all the hours of the year 2021  
 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 | 1   | 1  | 0       |
| Small  | 10  | 13 | 5       |

\*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.

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(Vote Result: FAILED)

**SECTOR DETAIL VOTE BREAKDOWN**

| <b>End-Use Customer</b>                                     |  |  |                             |
|---|--|--|-----------------------------|
| <b>Yes</b>  | <b>No</b>  | <b>Abstain</b>   | <b>Sector Vote In Favor</b> |
| 14  | 0  | 5  | 100.0 %                     |
| Air Products & Chemicals, Inc.                              |  | Cleveland-Cliffs Steel LLC                             |                             |
| Delaware Division of the Public Advocate                    |  | Indiana Office of Utility Consumer Counselor (IN OUCC) |                             |
| Gerdau Ameristeel Energy, Inc.                              |  | MeadWestvaco Corporation                               |                             |
| Illinois Citizen Utility Board                              |  | Procter & Gamble Paper Products Company (The)          |                             |
| Lehigh Portland Cement Company                              |  | Trustees of the University of Pennsylvania             |                             |
| Linde Inc.  |  |  |                             |
| Maryland Office of People's Counsel                         |  |  |                             |
| Messer LLC  |  |  |                             |
| Office of the Attorney General, Kentucky                    |  |  |                             |
| Office of the People's Counsel for the District of Columbia |  |  |                             |
| Ohio Consumers' Counsel                                     |  |  |                             |
| Pennsylvania Office of Consumer Advocate                    |  |  |                             |
| Public Staff - North Carolina Utilities Commission          |  |  |                             |
| West Virginia Consumer Advocate Division                    |  |  |                             |
| <b>Transmission Owner</b>                                   |  |  |                             |
| <b>Yes</b>  | <b>No</b>  | <b>Abstain</b>   | <b>Sector Vote In Favor</b> |
| 5   | 5  | 1  | 50.0 %                      |
| Appalachian Power Company                                   | American Transmission Systems, Inc.                    | Duke Energy Business Services LLC                      |                             |
| Dayton Power & Light Company (The)                          | Exelon Business Services Company, LLC                  |  |                             |
| Duquesne Light Company                                      | PPL Electric Utilities Corporation d/b/a PPL Utilities |  |                             |
| East Kentucky Power Cooperative, Inc.                       | Public Service Electric and Gas Company                |  |                             |
| Rockland Electric Company                                   | Virginia Electric & Power Company                      |  |                             |
| <b>Generation Owner</b>                                     |  |  |                             |
| <b>Yes</b>  | <b>No</b>  | <b>Abstain</b>   | <b>Sector Vote In Favor</b> |
| 5   | 16   | 4  | 23.8 %                      |
| Dynegy Marketing and Trade, LLC                             | Calpine Energy Services, L.P.                          | Big Savage, LLC  |                             |
| Kimberly-Clark Corporation                                  | Carroll County Energy LLC                              | Cypress Creek Renewables, LLC                          |                             |

| Generation Owner                            |  |   |                      |
|---|--|---|----------------------|
| Yes   | No   | Abstain   | Sector Vote In Favor |
| 5   | 16   | 4   | 23.8 %               |
| NRG Power Marketing LLC                     | Constellation Energy Generation, LLC           | Eastern Generation, LLC                           |                      |
| Vitol Inc.                                  | EDP Renewables North America LLC               | York County Solid Waste and Refuse Authority      |                      |
| Wheelabrator Falls Inc.                     | Eagle Point Power Generation, LLC              |   |                      |
|   | Elwood Energy, LLC                             |   |                      |
|   | Energy Harbor LLC                              |   |                      |
|   | Essential Power Rock Springs, LLC              |   |                      |
|   | GenOn Energy Management, LLC                   |   |                      |
|   | Hazleton Generation LLC                        |   |                      |
|   | Invenergy, LLC                                 |   |                      |
|   | Longview Power, LLC                            |   |                      |
|   | Moxie Freedom LLC                              |   |                      |
|   | Newark Energy Center, LLC                      |   |                      |
|   | Riverside Generating Company, L.L.C.           |   |                      |
|   | Talen Energy Marketing, LLC                    |   |                      |
| Electric Distributor                        |  |   |                      |
| Yes   | No   | Abstain   | Sector Vote In Favor |
| 9   | 16   | 5   | 36.0 %               |
| Borough of Butler, Butler Electric Division | American Municipal Power, Inc.                 | Kentucky Municipal Energy Agency                  |                      |
| Borough of Lavallette, New Jersey           | Borough of Chambersburg                        | Letterkenny Industrial Development Authority - PA |                      |
| Borough of Madison, New Jersey              | Borough of Mont Alto, Pennsylvania             | Southern Maryland Electric Cooperative, Inc.      |                      |
| Borough of Milltown, New Jersey             | Buckeye Power, Inc.                            | Wabash Valley Power Association, Inc.             |                      |
| Borough of Park Ridge, New Jersey           | City of Dover, Delaware                        | Wellsboro Electric Company                        |                      |
| Borough of Pemberton, New Jersey            | Delaware Municipal Electric Corporation, Inc.  |   |                      |
| Borough of Seaside Heights, New Jersey      | Easton Utilities Commission                    |   |                      |
| Borough of South River, New Jersey          | Hagerstown Light Department                    |   |                      |
| Vineland Municipal Electric Utility         | Illinois Municipal Electric Agency             |   |                      |
|   | Indiana Municipal Power Agency                 |   |                      |
|   | Michigan Public Power Agency                   |   |                      |
|   | North Carolina Electric Membership Corporation |   |                      |
|   | Northern Virginia Electric Cooperative (NOVEC) |   |                      |
|   | Old Dominion Electric Cooperative              |   |                      |
|   | Thurmont Municipal Light Company               |   |                      |
|   | Town of Williamsport (The)                     |   |                      |



**Other Supplier**

| Yes   | No   | Abstain | Sector Vote In Favor |
|---|--|---------|----------------------|
| 7   | 37   | 0       | 15.9 %               |
| Appian Way Energy Partners MidAtlantic, LLC | Affirmed Energy LLC                                  |         |                      |
| Citadel FNGE Ltd.                           | Alphataraxia Palladium LLC                           |         |                      |
| DC Energy, LLC                              | Altro Power LLC                                      |         |                      |
| Enel X North America, Inc.                  | Ames Energy, LLC                                     |         |                      |
| Industrial Energy Users-Ohio                | BJ Energy, LLC                                       |         |                      |
| Shell Energy North America (US), L.P.       | Big Bend Trading, LLC                                |         |                      |
| WGL Energy Services, Inc.                   | Boston Energy Group, Inc.                            |         |                      |
|   | Brookfield Renewable Trading and Marketing LP        |         |                      |
|   | Elliott Bay Energy Trading, LLC                      |         |                      |
|   | Energy Cooperative Association of Pennsylvania (The) |         |                      |
|   | Engelhart CTP (US) LLC                               |         |                      |
|   | Forest Investment Group, LLC                         |         |                      |
|   | Geenex Solar LLC                                     |         |                      |
|   | Greene Energy NE LLC                                 |         |                      |
|   | H.Q. Energy Services (U.S.), Inc.                    |         |                      |
|   | Hexis Energy Trading, LLC                            |         |                      |
|   | Jersey Green Energy, LLC                             |         |                      |
|   | MAG Energy Solutions, Inc.                           |         |                      |
|   | Monterey MA LLC                                      |         |                      |
|   | NextEra Energy Marketing, LLC                        |         |                      |
|   | Perast Fund LP                                       |         |                      |
|   | Precept Power LLC                                    |         |                      |
|   | Pure Energy, Inc.                                    |         |                      |
|   | Recurrent Energy, LLC                                |         |                      |
|   | Red Wolf TX2, LLC                                    |         |                      |
|   | SESCO Enterprises, LLC                               |         |                      |
|   | Saracen Energy East LP                               |         |                      |
|   | Saugatuck River Power Trading LLC                    |         |                      |
|   | Strom Power, LLC                                     |         |                      |
|   | Taller Cube, LLC                                     |         |                      |
|   | Tangent Energy Solutions, Inc.                       |         |                      |
|   | The Highlands Energy Group, LLC                      |         |                      |
|   | Velocity American Energy Master I, L.P.              |         |                      |
|   | Viribus Fund LP                                      |         |                      |
|   | WPPI Energy  |         |                      |
|   | Wrigley Capital LLC                                  |         |                      |

| Other Supplier |                    |         |                      |
|----------------|--------------------|---------|----------------------|
| Yes            | No                 | Abstain | Sector Vote In Favor |
| 7              | 37                 | 0       | 15.9 %               |
|                | XO Energy MA, L.P. |         |                      |

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(Vote Result: FAILED)

**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 |
|---------|---|---------------------------------------|---|--------------------|------------------|--------------------|-------------------|------------------------------|
| No      | American Municipal Power, Inc.                    | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Zero             | Zero               | Zero              | Public Power (inside)        |
| Yes     | Borough of Butler, Butler Electric Division       | Electric Distributor                  | Load Serving Entity                             | Buyer              | Small            | Zero               | Small             | Retail Marketer              |
| No      | 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)        |
| No      | 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)        |
| No      | Buckeye Power, Inc.                               | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Medium           | Zero               | Medium            | Public Power (inside)        |
| No      | City of Dover, Delaware                           | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Zero               | Small             | Public Power (inside)        |
| No      | Delaware Municipal Electric Corporation, Inc.     | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Zero               | Small             | Public Power (inside)        |
| No      | Easton Utilities Commission                       | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Zero               | Small             | Public Power (inside)        |
| No      | Hagerstown Light Department                       | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Zero             | Zero               | Zero              | Public Power (inside)        |
| No      | Illinois Municipal Electric Agency                | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Medium           | Zero               | Small             | Public Power (inside)        |
| No      | Indiana Municipal Power Agency                    | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Zero               | Small             | Public Power (inside)        |
| Abstain | Kentucky Municipal Energy Agency                  | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Zero             | Zero               | Small             | Public Power (inside)        |
| Abstain | Letterkenny Industrial Development Authority - PA | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Zero             | Zero               | Small             | Public Power (inside)        |
| No      | Michigan Public Power Agency                      | Electric Distributor                  | Generation                                      | Buyer              | Small            | Zero               | Zero              | IPP                          |
| No      | North Carolina Electric Membership Corporation    | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Zero               | Small             | 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 |
|---------|---|---------------------------------------|---|--------------------|------------------|--------------------|-------------------|------------------------------|
| No      | Northern Virginia Electric Cooperative (NOVEC)              | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Zero             | Zero               | Small             | Public Power (inside)        |
| No      | Old Dominion Electric Cooperative                           | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Medium           | Small              | Zero              | Public Power (inside)        |
| Abstain | Southern Maryland Electric Cooperative, Inc.                | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Small            | Small              | Small             | Public Power (inside)        |
| No      | Thurmont Municipal Light Company                            | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Zero             | Zero               | Zero              | Public Power (inside)        |
| No      | 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)        |
| Abstain | Wellsboro Electric Company                                  | Electric Distributor                  | Muni/Co-op                                      | Buyer              | Zero             | Zero               | Zero              | Public Power (inside)        |
| Yes     | Air Products & Chemicals, Inc.                              | End-Use Customer                      | Industrial                                      | Buyer              | Zero             | Zero               | Zero              | Industrial Customer          |
| Abstain | Cleveland-Cliffs Steel 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            |
| Yes     | Gerdau Ameristeel Energy, Inc.                              | End-Use Customer                      | Financial Trader                                | Buyer              | Zero             | Zero               | Zero              | Financial Trader             |
| Yes     | Illinois Citizen Utility Board                              | End-Use Customer                      | Consumer Advocate                               | Buyer              | Zero             | Zero               | Zero              | Consumer Advocate            |
| Abstain | 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          |
| Yes     | Linde Inc.  | End-Use Customer                      | Industrial                                      | Buyer              | Zero             | Zero               | Zero              | Industrial Customer          |
| Yes     | Maryland Office of People's Counsel                         | End-Use Customer                      | Consumer Advocate                               | Buyer              | Zero             | Zero               | Zero              | Consumer Advocate            |
| Abstain | 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     | 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     | Ohio Consumers' Counsel                                     | 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            |
| Abstain | Procter & Gamble Paper Products Company (The)               | End-Use Customer                      | Industrial                                      | Buyer              | Zero             | Zero               | Zero              | Industrial Customer          |
| Yes     | Public Staff - North Carolina Utilities Commission          | End-Use Customer                      | Consumer Advocate                               | Buyer              | Zero             | Zero               | Zero              | Consumer Advocate            |
| Abstain | Trustees of the University of Pennsylvania                  | End-Use Customer                      | Load Serving Entity                             | Buyer              | Zero             | Zero               | Small             | Retail Marketer              |
| Yes     | West Virginia Consumer Advocate Division                    | End-Use Customer                      | Consumer Advocate                               | Buyer              | Zero             | Zero               | Zero              | Consumer Advocate            |

| 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 |
|---------|--|---------------------------------------|---|--------------------|------------------|--------------------|-------------------|------------------------------|
| Abstain | 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              |
| No      | Carroll County Energy LLC                    | Generation Owner                      | Generation Owner/Ancillary Service Provider           | Seller             | Medium           | Zero               | Zero              | Ancillary Service Provider   |
| No      | Constellation Energy Generation, LLC         | Generation Owner                      | Generation  | Buyer              | Large            | Zero               | Zero              | IPP                          |
| Abstain | Cypress Creek Renewables, LLC                | Generation Owner                      | Generation  | Buyer              | Zero             | Zero               | Zero              | IPP                          |
| Yes     | Dynegy Marketing and Trade, LLC              | Generation Owner                      | Generation  | Seller             | Zero             | Zero               | Zero              | IPP                          |
| No      | Eagle Point Power Generation, LLC            | Generation Owner                      | Generation  | Seller             | Small            | Zero               | Zero              | IPP                          |
| Abstain | Eastern Generation, LLC                      | Generation Owner                      | Generation Owner/Ancillary Service Provider           | Buyer              | Zero             | Zero               | Zero              | Ancillary Service Provider   |
| No      | EDP Renewables North America LLC             | Generation Owner                      | Generation  | Buyer              | Small            | Zero               | Zero              | IPP                          |
| No      | Elwood Energy, LLC                           | Generation Owner                      | Generation  | Seller             | Zero             | Zero               | Zero              | IPP                          |
| No      | Energy Harbor LLC                            | Generation Owner                      | Generation  | Seller             | Zero             | Zero               | Small             | IPP                          |
| No      | Energy Harbor LLC                            | Generation Owner                      | Generation  | Seller             | Zero             | Zero               | Small             | IPP                          |
| No      | Energy Harbor LLC                            | Generation Owner                      | Generation  | Seller             | Zero             | Zero               | Small             | IPP                          |
| No      | Essential Power Rock Springs, LLC            | Generation Owner                      | Generation  | Seller             | Zero             | Zero               | Zero              | IPP                          |
| No      | GenOn Energy Management, LLC                 | Generation Owner                      | Generation  | Seller             | Zero             | Zero               | Zero              | IPP                          |
| No      | Hazleton Generation LLC                      | Generation Owner                      | Generation  | Seller             | Small            | Zero               | Zero              | IPP                          |
| No      | Invenergy, LLC                               | Generation Owner                      | Generation  | Buyer              | Zero             | Zero               | Zero              | IPP                          |
| Yes     | Kimberly-Clark Corporation                   | Generation Owner                      | Generation  | Seller             | Zero             | Zero               | Zero              | IPP                          |
| No      | Longview Power, LLC                          | Generation Owner                      | Generation  | Seller             | Medium           | Zero               | Zero              | IPP                          |
| No      | Moxie Freedom LLC                            | Generation Owner                      | Generation Owner/Ancillary Service Provider           | Seller             | Medium           | Zero               | Zero              | Ancillary Service Provider   |
| No      | Newark Energy Center, LLC                    | Generation Owner                      | Generation  | Seller             | Zero             | Zero               | Zero              | IPP                          |
| Yes     | NRG Power Marketing LLC                      | Generation Owner                      | Generation  | Buyer              | Medium           | Zero               | Zero              | IPP                          |
| No      | Riverside Generating Company, L.L.C.         | Generation Owner                      | Power Marketer  | Buyer              | Zero             | Zero               | Zero              | Wholesale Marketer           |
| No      | Talen Energy Marketing, LLC                  | Generation Owner                      | Generation  | Seller             | Large            | Large              | Zero              | IPP                          |
| Yes     | Vitol Inc.                                   | Generation Owner                      | Power Marketer  | Buyer              | Zero             | Zero               | Zero              | Wholesale Marketer           |
| Yes     | Wheelabrator Falls Inc.                      | Generation Owner                      | Generation  | Buyer              | Small            | Zero               | Zero              | IPP                          |
| Abstain | York County Solid Waste and Refuse Authority | Generation Owner                      | Generation  | Seller             | Small            | Zero               | Zero              | IPP                          |
| No      | Affirmed Energy LLC                          | Other Supplier                        | Curtailed Service Provider/Ancillary Service Provider | Seller             | Zero             | Zero               | Zero              | Ancillary Service Provider   |
| No      | Alphataraxia Palladium LLC                   | Other Supplier                        | Power Marketer  | Seller             | Zero             | Zero               | Zero              | Wholesale Marketer           |

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|------|--|---------------------------------------|---|--------------------|------------------|--------------------|-------------------|------------------------------|
| No   | Altro Power LLC                                      | Other Supplier                        | Financial Trader                                | Buyer              | Zero             | Zero               | Zero              | Financial Trader             |
| No   | Ames Energy, LLC                                     | Other Supplier                        | Financial Trader                                | Seller             | Zero             | Zero               | Zero              | Financial Trader             |
| Yes  | Appian Way Energy Partners MidAtlantic, LLC          | Other Supplier                        | Financial Trader                                | Seller             | Zero             | Zero               | Zero              | Financial Trader             |
| No   | Big Bend Trading, LLC                                | Other Supplier                        | Financial Trader                                | Seller             | Zero             | Zero               | Zero              | Financial Trader             |
| No   | BJ Energy, LLC                                       | Other Supplier                        | Financial Trader                                | Seller             | Zero             | Zero               | Zero              | Financial Trader             |
| No   | Boston Energy Group, Inc.                            | Other Supplier                        | Financial Trader                                | Seller             | Zero             | Zero               | Zero              | Financial Trader             |
| No   | Brookfield Renewable Trading and Marketing LP        | Other Supplier                        | Generation                                      | Seller             | Zero             | Zero               | Zero              | IPP                          |
| Yes  | Citadel FNGE Ltd.                                    | Other Supplier                        | Financial Trader                                | Seller             | Zero             | Zero               | Zero              | Financial Trader             |
| Yes  | DC Energy, LLC                                       | Other Supplier                        | Financial Trader                                | Seller             | Zero             | Zero               | Zero              | Financial Trader             |
| No   | Elliott Bay Energy Trading, LLC                      | Other Supplier                        | Financial Trader                                | Seller             | Zero             | Zero               | Zero              | Financial Trader             |
| Yes  | Enel X North America, Inc.                           | Other Supplier                        | Curtailment Service Provider                    | Seller             | Zero             | Zero               | Zero              | Curtailment Provider         |
| No   | Energy Cooperative Association of Pennsylvania (The) | Other Supplier                        | Muni/Co-op                                      | Buyer              | Zero             | Zero               | Zero              | Public Power (inside)        |
| No   | Engelhart CTP (US) LLC                               | Other Supplier                        | Power Marketer                                  | Seller             | Zero             | Zero               | Zero              | Wholesale Marketer           |
| No   | Forest Investment Group, LLC                         | Other Supplier                        | Financial Trader                                | Seller             | Zero             | Zero               | Zero              | Financial Trader             |
| No   | Geenex Solar LLC                                     | Other Supplier                        | Project Developer                               | Buyer              | Zero             | Zero               | Zero              | Project Developer            |
| No   | Greene Energy NE LLC                                 | Other Supplier                        | Financial Trader                                | Seller             | Zero             | Zero               | Zero              | Financial Trader             |
| No   | H.Q. Energy Services (U.S.), Inc.                    | Other Supplier                        | Power Marketer                                  | Buyer              | Zero             | Zero               | Zero              | Wholesale Marketer           |
| No   | Hexis Energy Trading, LLC                            | Other Supplier                        | Financial Trader                                | Seller             | Zero             | Zero               | Zero              | Financial Trader             |
| Yes  | Industrial Energy Users-Ohio                         | Other Supplier                        | Load Serving Entity                             | Seller             | Zero             | Zero               | Zero              | Retail Marketer              |
| No   | Jersey Green Energy, LLC                             | Other Supplier                        | Financial Trader                                | Buyer              | Zero             | Zero               | Zero              | Financial Trader             |
| No   | MAG Energy Solutions, Inc.                           | Other Supplier                        | Power Marketer                                  | Buyer              | Zero             | Zero               | Zero              | Wholesale Marketer           |
| No   | Monterey MA LLC                                      | Other Supplier                        | Power Marketer                                  | Buyer              | Zero             | Zero               | Zero              | Wholesale Marketer           |
| No   | NextEra Energy Marketing, LLC                        | Other Supplier                        | Generation                                      | Buyer              | Small            | Zero               | Zero              | IPP                          |
| No   | Perast Fund LP                                       | Other Supplier                        | Financial Trader                                | Seller             | Zero             | Zero               | Zero              | Financial Trader             |
| No   | Precept Power LLC                                    | Other Supplier                        | Financial Trader                                | Buyer              | Zero             | Zero               | Zero              | Financial Trader             |
| No   | Pure Energy, Inc.                                    | Other Supplier                        | Financial Trader                                | Buyer              | Zero             | Zero               | Zero              | Financial Trader             |
| No   | Recurrent Energy, LLC                                | Other Supplier                        | Project Developer                               | Buyer              | Zero             | Zero               | Zero              | Project Developer            |
| No   | Red Wolf TX2, LLC                                    | Other Supplier                        | Financial Trader                                | Seller             | Zero             | Zero               | Zero              | Financial Trader             |
| No   | Saracen Energy East LP                               | Other Supplier                        | Financial Trader                                | Seller             | Zero             | Zero               | Zero              | Financial Trader             |

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|---------|--|---------------------------------------|---|--------------------|------------------|--------------------|-------------------|------------------------------|
| No      | Saugatuck River Power Trading LLC                      | Other Supplier                        | Financial Trader                                | Seller             | Zero             | Zero               | Zero              | Financial Trader             |
| No      | SESCO Enterprises, LLC                                 | Other Supplier                        | Power Marketer                                  | Seller             | Zero             | Zero               | Zero              | Wholesale Marketer           |
| Yes     | Shell Energy North America (US), L.P.                  | Other Supplier                        | Generation                                      | Buyer              | Zero             | Zero               | Zero              | IPP                          |
| No      | Strom Power, LLC                                       | Other Supplier                        | Financial Trader                                | Seller             | Zero             | Zero               | Zero              | Financial Trader             |
| No      | Taller Cube, LLC                                       | Other Supplier                        | Financial Trader                                | Seller             | Zero             | Zero               | Zero              | Financial Trader             |
| No      | Tangent Energy Solutions, Inc.                         | Other Supplier                        | Curtailed Service Provider                      | Seller             | Zero             | Zero               | Zero              | Curtailed Provider           |
| No      | The Highlands Energy Group, LLC                        | Other Supplier                        | Financial Trader                                | Seller             | Zero             | Zero               | Zero              | Financial Trader             |
| No      | Velocity American Energy Master I, L.P.                | Other Supplier                        | Power Marketer                                  | Seller             | Zero             | Zero               | Zero              | Wholesale Marketer           |
| No      | Viribus Fund LP  | Other Supplier                        | Financial Trader                                | Buyer              | Zero             | Zero               | Zero              | Financial Trader             |
| Yes     | WGL Energy Services, Inc.                              | Other Supplier                        | Load Serving Entity                             | Buyer              | Zero             | Zero               | Small             | Retail Marketer              |
| No      | WPPI Energy  | Other Supplier                        | Power Marketer                                  | Buyer              | Zero             | Zero               | Zero              | Wholesale Marketer           |
| No      | Wrigley Capital LLC                                    | Other Supplier                        | Financial Trader                                | Seller             | Zero             | Zero               | Zero              | Financial Trader             |
| No      | XO Energy MA, L.P.                                     | Other Supplier                        | Power Marketer                                  | Buyer              | Zero             | Zero               | Zero              | Wholesale Marketer           |
| No      | American Transmission Systems, Inc.                    | Transmission Owner                    | Transmission Owner                              | Buyer              | Zero             | Large              | Zero              | IOU (inside)                 |
| Yes     | Appalachian Power Company                              | Transmission Owner                    | Transmission Owner                              | Buyer              | Large            | Large              | Zero              | IOU (inside)                 |
| Yes     | Dayton Power & Light Company (The)                     | Transmission Owner                    | Transmission Owner                              | Seller             | Small            | Medium             | Zero              | IOU (inside)                 |
| Abstain | Duke Energy Business Services LLC                      | Transmission Owner                    | Transmission Owner                              | Buyer              | Zero             | Zero               | Zero              | IOU (inside)                 |
| Yes     | Duquesne Light Company                                 | Transmission Owner                    | Transmission Owner                              | Seller             | Zero             | Medium             | Zero              | IOU (inside)                 |
| Yes     | East Kentucky Power Cooperative, Inc.                  | Transmission Owner                    | Transmission Owner                              | Buyer              | Large            | Medium             | Medium            | IOU (inside)                 |
| No      | Exelon Business Services Company, LLC                  | Transmission Owner                    | Transmission Owner                              | Buyer              | Zero             | Zero               | Zero              | IOU (inside)                 |
| No      | PPL Electric Utilities Corporation d/b/a PPL Utilities | Transmission Owner                    | Transmission Owner                              | Buyer              | Zero             | Zero               | Small             | IOU (inside)                 |
| No      | Public Service Electric and Gas Company                | Transmission Owner                    | Transmission Owner                              | Buyer              | Zero             | Large              | Zero              | IOU (inside)                 |
| Yes     | Rockland Electric Company                              | Transmission Owner                    | Transmission Owner                              | Seller             | Zero             | Small              | Zero              | IOU (inside)                 |
| No      | Virginia Electric & Power Company                      | Transmission Owner                    | Transmission Owner                              | Buyer              | Zero             | Large              | Zero              | IOU (inside)                 |