

## SUPPLEMENTAL VOTING RESULTS

PJM Members Committee  
MC Meeting Date: May 28, 2020

Item: 1a Do you support the motion to overturn the determination of the Chair?

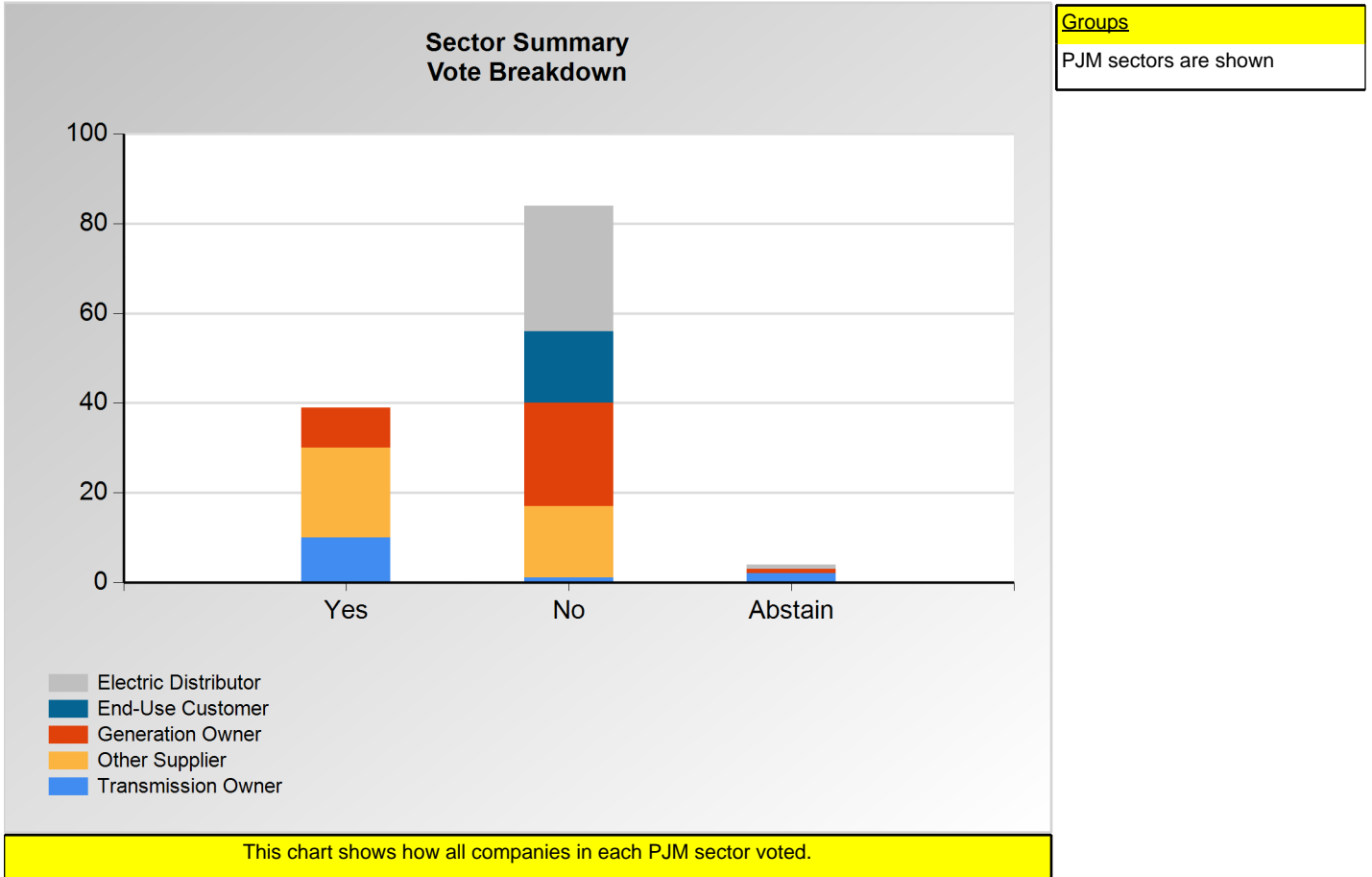
(Vote Result: FAILED)

## 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: May 28, 2020**

Item 1a: Do you support the motion to overturn the determination of the Chair?  
(Vote Result: FAILED)



**Additional Detail:**

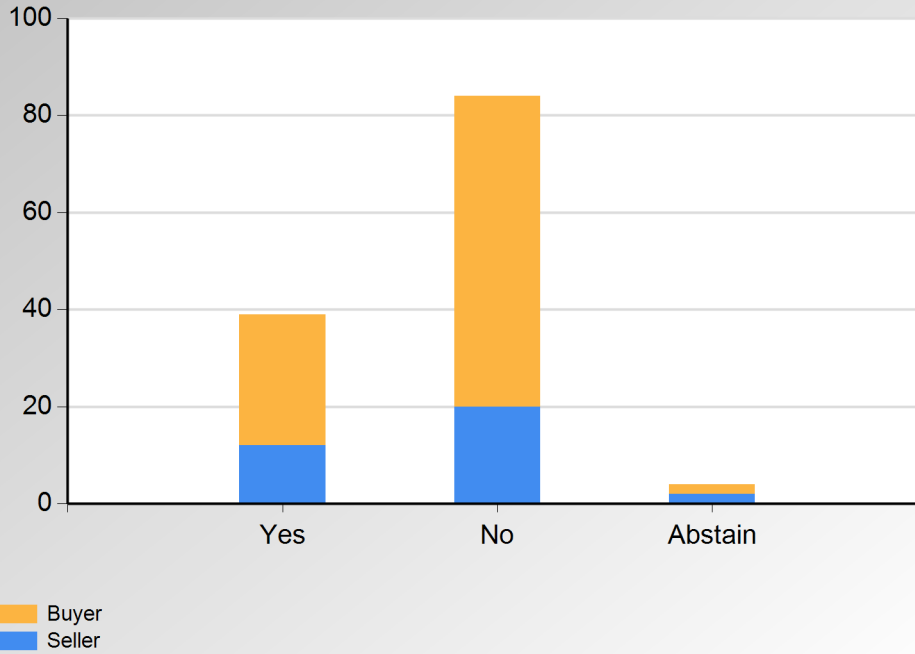
	Eligible	Attended	Did Not Vote	Yes	No	Abstain	Sector Vote In Favor	Sector Weight in Favor
End-Use Customer	31	17	1	0	16	0	0.0 %	0.000
Transmission Owner	14	14	1	10	1	2	90.9 %	0.909
Generation Owner	114	37	4	8	22	1	26.6 %	0.266
Electric Distributor	39	30	1	0	28	1	0.0 %	0.000
Other Supplier	310	47	11	20	16	0	55.6 %	0.556
<b>Total</b>	<b>508</b>	<b>145</b>	<b>18</b>	<b>38</b>	<b>83</b>	<b>4</b>		<b>1.731</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: May 28, 2020**

Item 1a: Do you support the motion to overturn the determination of the Chair?  
 (Vote Result: FAILED)

**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.

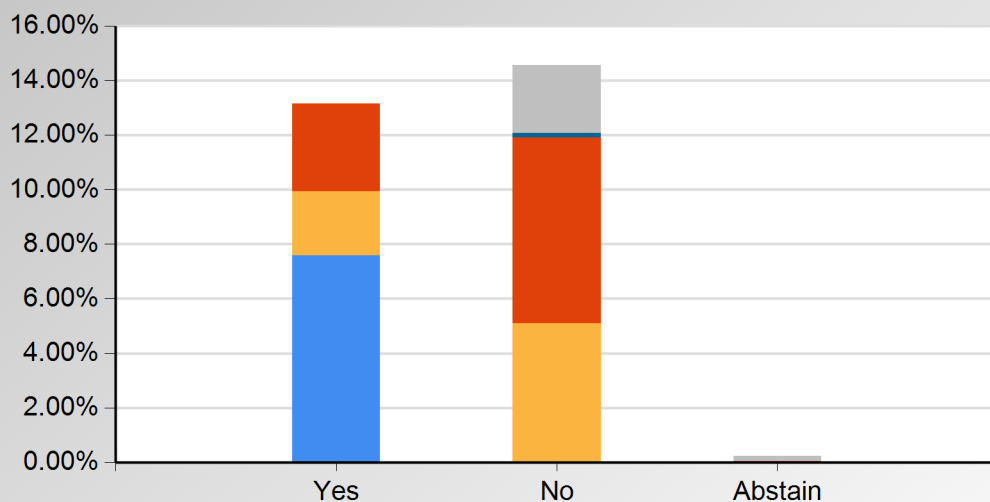
	Yes	No	Abstain
Buyer	27	64	2
Seller	12	20	2

\*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: May 28, 2020**

Item 1a: Do you support the motion to overturn the determination of the Chair?  
(Vote Result: FAILED)

**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).

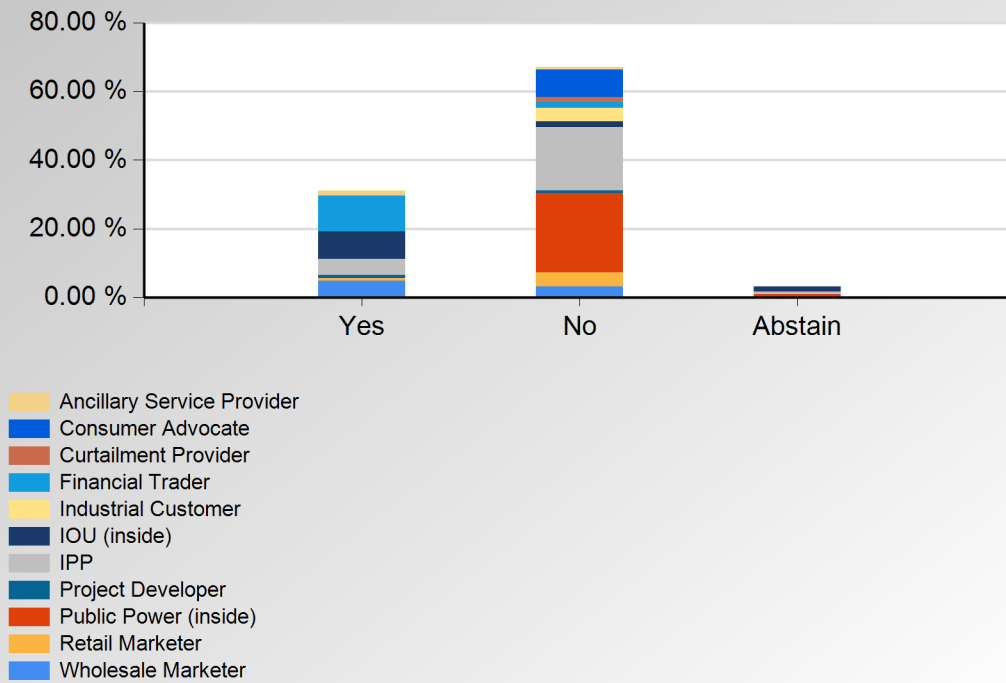
	Yes	No	Abstain
Electric Distributor	0.000%	2.486 %	0.184 %
End-Use Customer	0.000%	0.164 %	0.000%
Generation Owner	3.219 %	6.818 %	0.012 %
Other Supplier	2.356 %	5.090 %	0.000%
Transmission Owner	7.578 %	0.014 %	0.033 %

\*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: May 28, 2020**

Item 1a: Do you support the motion to overturn the determination of the Chair?  
(Vote Result: FAILED)

**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	1.79 %	0.89 %	0.00 %
Consumer Advocate	0.00 %	32.26 %	0.00 %
Curtailment Provider	0.00 %	0.65 %	0.00 %
Financial Trader	4.19 %	0.65 %	0.00 %
Industrial Customer	0.00 %	3.50 %	0.00 %
IOU (inside)	71.43 %	3.77 %	14.29 %
IPP	5.36 %	5.08 %	0.89 %
Project Developer	0.89 %	0.32 %	0.00 %
Public Power (inside)	0.00 %	6.29 %	2.56 %
Retail Marketer	0.32 %	1.02 %	0.00 %
Wholesale Marketer	1.94 %	0.95 %	0.00 %

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

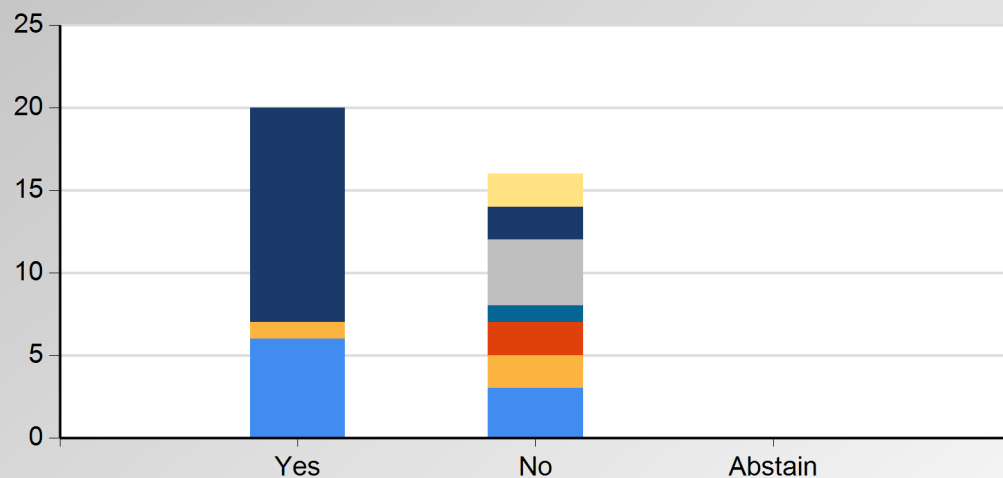
## SECTION 2

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: May 28, 2020**

Item 1a: Do you support the motion to overturn the determination of the Chair?  
(Vote Result: FAILED)

**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
Curtailment Provider	0	2	0
Financial Trader	13	2	0
IPP	0	4	0
Project Developer	0	1	0
Public Power (inside)	0	2	0
Retail Marketer	1	2	0
Wholesale Marketer	6	3	0

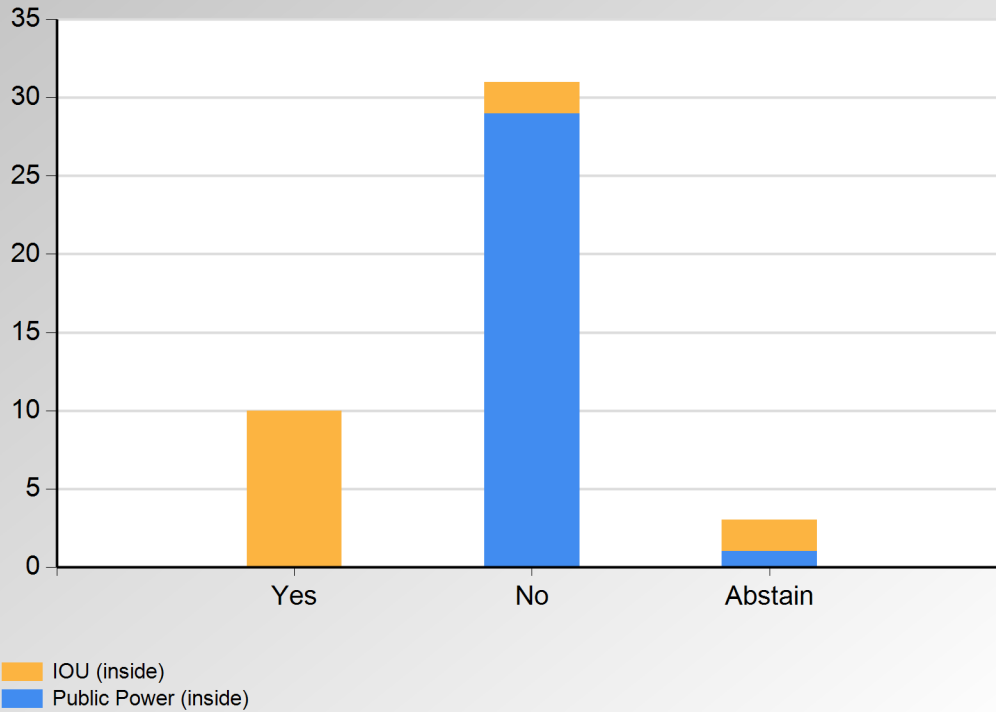
\*Refer to the Company Designations table "Line of Business Designation" column to see each company's group designation found on this chart.



**PJM Members Committee**  
**MC Meeting Date: May 28, 2020**

Item 1a: Do you support the motion to overturn the determination of the Chair?  
(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.

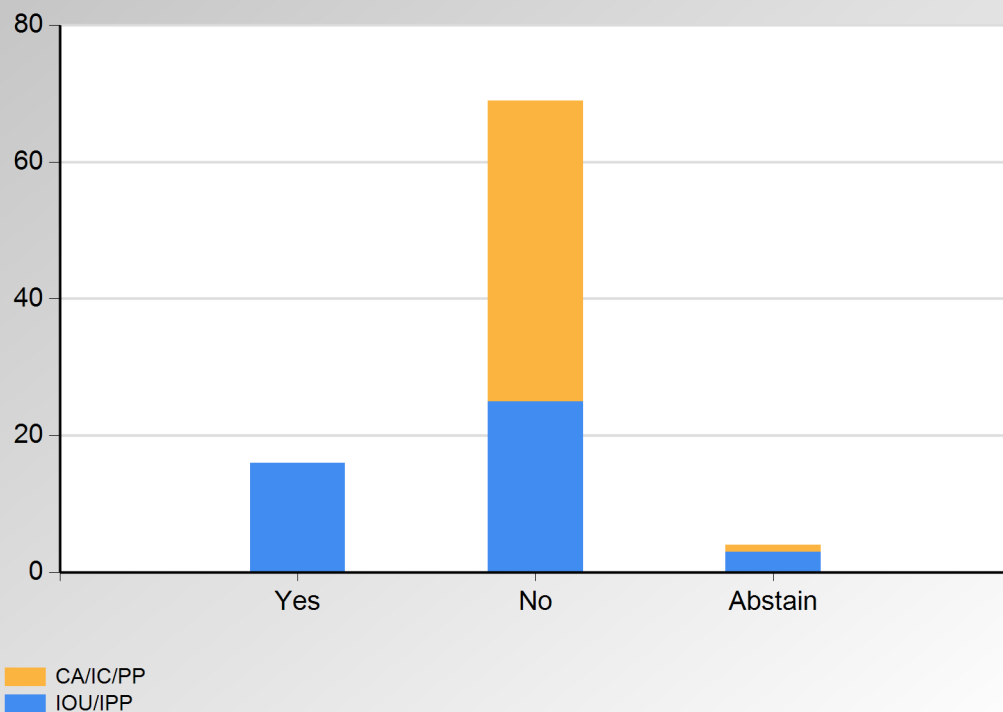
	Yes	No	Abstain
IOU (inside)	10	2	2
Public Power (inside)	0	29	1

\*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: May 28, 2020**

Item 1a: Do you support the motion to overturn the determination of the Chair?  
(Vote Result: FAILED)

**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 group together based on their responsibility to load.

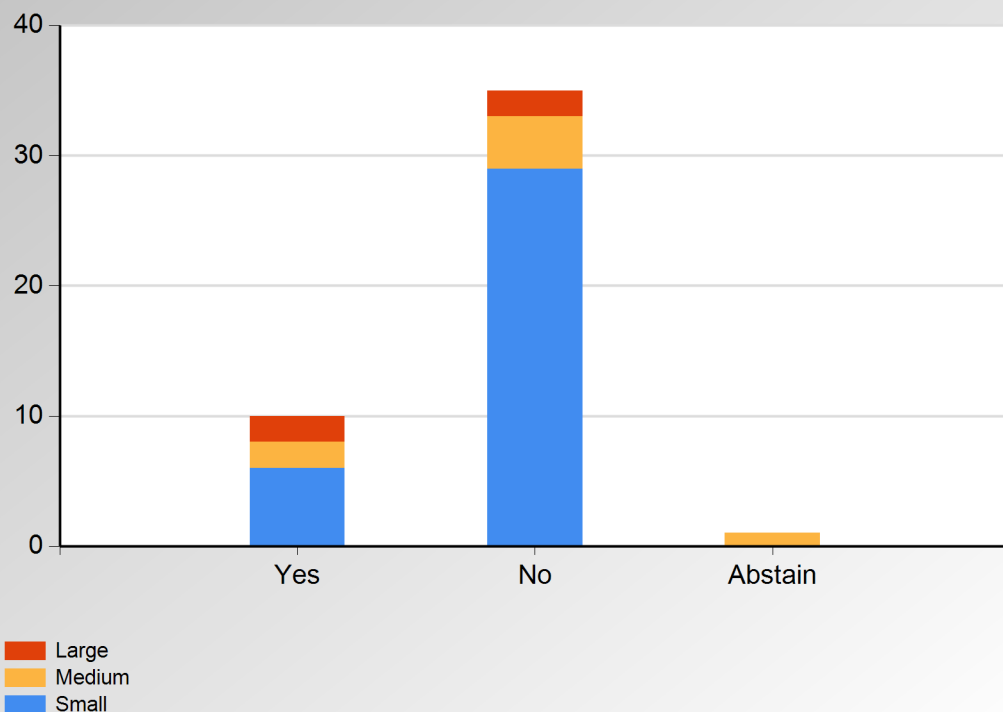
	Yes	No	Abstain
CA/IC/PP	0	44	1
IOU/IPP	16	25	3

\*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: May 28, 2020**

Item 1a: Do you support the motion to overturn the determination of the Chair?  
(Vote Result: FAILED)

**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.

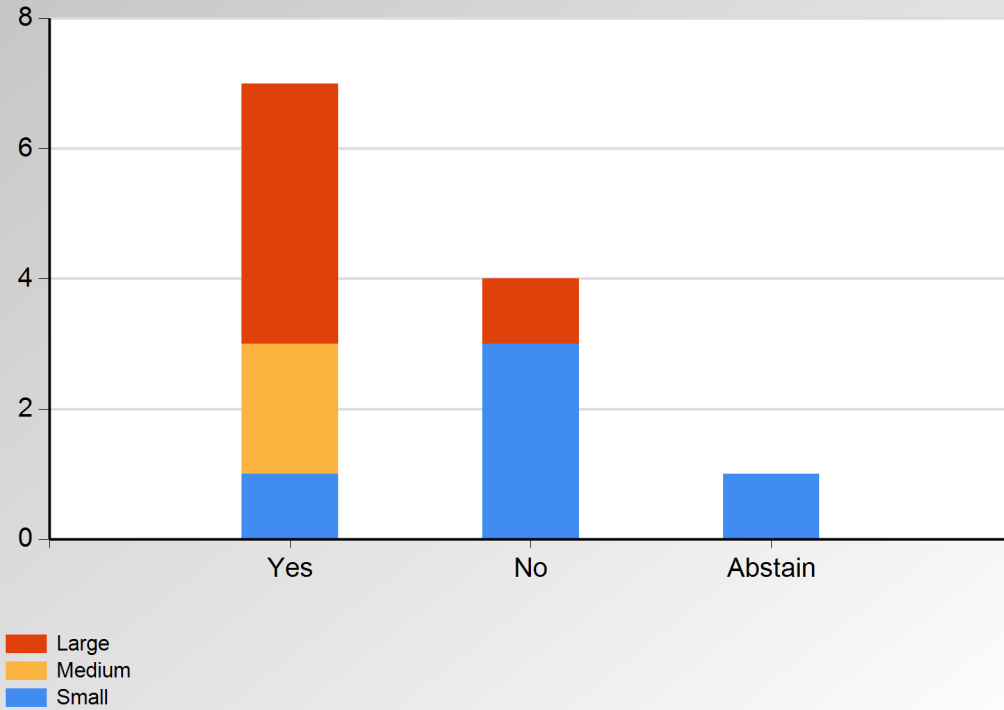
	Yes	No	Abstain
Large	2	2	0
Medium	2	4	1
Small	6	29	0

\*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: May 28, 2020**

Item 1a: Do you support the motion to overturn the determination of the Chair?  
(Vote Result: FAILED)

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



Groups based on  
Revenue Reqs (\$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.

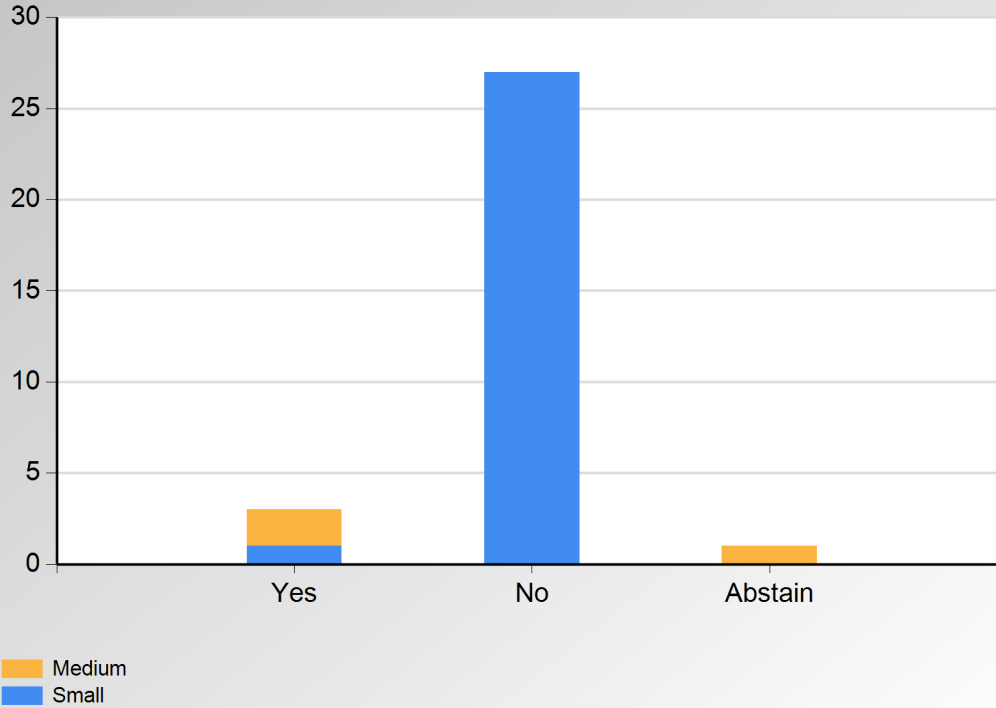
	Yes	No	Abstain
Large	4	1	0
Medium	2	0	0
Small	1	3	1

\*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: May 28, 2020**

Item 1a: Do you support the motion to overturn the determination of the Chair?  
 (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  
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	0	1
Small	1	27	0

\*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: May 28, 2020**

Item 1a: Do you support the motion to overturn the determination of the Chair?  
(Vote Result: FAILED)

**SECTOR DETAIL VOTE BREAKDOWN**

End-Use Customer			
Yes	No	Abstain	Sector Vote In Favor
0	16	0	0.0 %
	Air Products & Chemicals, Inc.		
	ArcelorMittal USA LLC		
	Delaware Division of the Public Advocate		
	Indiana Office of Utility Consumer Counselor (IN OUCC)		
	Lehigh Portland Cement Company		
	Maryland Office of People's Counsel		
	MeadWestvaco Corporation		
	Messer LLC		
	New Jersey Division of Rate Counsel		
	Office of the Attorney General, Kentucky		
	Office of the People's Counsel for the District of Columbia		
	Pennsylvania Office of Consumer Advocate		
	Praxair, Inc.		
	Public Staff - North Carolina Utilities Commission		
	Virginia Division of Consumer Counsel		
	West Virginia Consumer Advocate Division		
Transmission Owner			
Yes	No	Abstain	Sector Vote In Favor
10	1	2	90.9 %
American Transmission Systems, Inc.	Linden VFT LLC	Neptune Regional Transmission System, LLC	
Appalachian Power Company		Rockland Electric Company	
Dayton Power & Light Company (The)			
Duke Energy Business Services LLC			
Duquesne Light Company			
East Kentucky Power Cooperative, Inc.			
Exelon Business Services Company, LLC			
PPL Electric Utilities Corporation d/b/a PPL Utilities			
Public Service Electric & Gas Company			

Transmission Owner			
Yes	No	Abstain	Sector Vote In Favor
10	1	2	90.9 %
Virginia Electric & Power Company			
Generation Owner			
Yes	No	Abstain	Sector Vote In Favor
8	22	1	28.1 %
Avangrid Renewables, LLC	Big Savage, LLC	Essential Power Rock Springs, LLC	
Carroll County Energy LLC	Calpine Energy Services, L.P.		
EDP Renewables North America LLC	Covanta Energy Group, LLC		
Eastern Generation, LLC	Cypress Creek Renewables, LLC		
Geenex Solar LLC	Diamond State Generation Partners, LLC		
GenOn Energy Management, LLC	Dynegy Marketing and Trade, LLC		
UGI Development Company	Eagle Point Power Generation, LLC		
Wheelabrator Falls Inc.	Elwood Energy, LLC		
	Hazleton Generation LLC		
	Indiana Municipal Power Agency		
	Invenenergy, LLC		
	Kimberly-Clark Corporation		
	Longview Power, LLC		
	Michigan Public Power Agency		
	Moxie Freedom LLC		
	Newark Energy Center, LLC		
	NextPower III US Holdco Inc.		
	PBF Power Marketing, LLC		
	Procter & Gamble Paper Products Company (The)		
	Riverside Generating, LLC		
	Talen Energy Marketing, LLC		
	York County Solid Waste and Refuse Authority		
Electric Distributor			
Yes	No	Abstain	Sector Vote In Favor
0	28	1	0.0 %
	Allegheny Electric Cooperative, Inc.	Buckeye Power, Inc.	
	American Municipal Power, Inc.		
	Blue Ridge Power Agency, Inc.		
	Borough of Butler, Butler Electric Division		
	Borough of Chambersburg		



Electric Distributor			
Yes	No	Abstain	Sector Vote In Favor
0	28	1	0.0 %
	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		
	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)		
	Old Dominion Electric Cooperative		
	Southern Maryland Electric Cooperative, Inc.		
	Thurmont Municipal Light Company		
	Town of Williamsport (The)		
	Vineland Municipal Electric Utility		
	Wabash Valley Power Association, Inc.		
	Wellsboro Electric Company		
Other Supplier			
Yes	No	Abstain	Sector Vote In Favor
20	16	0	55.6 %
Alphataraxia Palladium LLC	Anbaric Development Partners, LLC		
Ames Energy, LLC	Brookfield Renewable Trading and Marketing LP		
Appian Way Energy Partners MidAtlantic, LLC	Carolina Solar Energy III, LLC		
BJ Energy, LLC	DTE Energy Trading, Inc.		
Big Bend Trading, LLC	Energy Cooperative Association of Pennsylvania (The)		
Direct Energy Business, LLC	Gerdau Ameristeel Energy, Inc.		
Dufossat Capital I, LLC	Icetek.com, Inc.		
Greene Energy NE LLC	Industrial Energy Users-Ohio		

Other Supplier			
Yes	No	Abstain	Sector Vote In Favor
20	16	0	55.6 %
Hexis Energy Trading, LLC	Jersey Green Energy, LLC		
MAG Energy Solutions, Inc.	Kentucky Municipal Energy Agency		
Monterey MA LLC	Kuehne Chemical Company, Inc.		
Precept Power LLC	Madison Gas & Electric Co.		
Prime Trading, LLC	NextEra Energy Marketing, LLC		
Pure Energy, Inc.	Shell Energy North America (US), L.P.		
Red Wolf PT, LLC	Tangent Energy Solutions, Inc.		
Strom Power, LLC	WPPI Energy		
Taller Cube, LLC			
Velocity American Energy Master I, L.P.			
Vitol Inc.			
XO Energy MA, L.P.			

**PJM Members Committee**  
**MC Meeting Date: May 28, 2020**

Item 1a: Do you support the motion to overturn the determination of the Chair?  
(Vote Result: FAILED)

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

Vote	Company Name (in PJM CRM system)	Company Sector (in PJM CRM System)	Company Line of Business (In PJM CRM system)	Buyer-Seller Group	Generation Group	Transmission Group	Load Server Group	Line of Business Designation
No	Allegheny Electric Cooperative, Inc.	Electric Distributor	Transmission Owner	Buyer	Small	Small	Small	IOU (inside)
No	American Municipal Power, Inc.	Electric Distributor	Muni/Co-op	Buyer	Zero	Zero	Zero	Public Power (inside)
No	Blue Ridge Power Agency, Inc.	Electric Distributor	Muni/Co-op	Buyer	Zero	Zero	Zero	Public Power (inside)
No	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)
No	Borough of Lavallette, New Jersey	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
No	Borough of Madison, New Jersey	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
No	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)
No	Borough of Park Ridge, New Jersey	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
No	Borough of Pemberton, New Jersey	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
No	Borough of Seaside Heights, New Jersey	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
No	Borough of South River, New Jersey	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Abstain	Buckeye Power, Inc.	Electric Distributor	Muni/Co-op	Seller	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	Letterkenny Industrial Development Authority - PA	Electric Distributor	Muni/Co-op	Buyer	Zero	Zero	Small	Public Power (inside)
No	North Carolina Electric Membership Corporation	Electric Distributor	Muni/Co-op	Seller	Small	Zero	Small	Public Power (inside)
No	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor	Muni/Co-op	Buyer	Zero	Zero	Small	Public Power (inside)

Vote	Company Name (in PJM CRM system)	Company Sector (in PJM CRM System)	Company Line of Business (In PJM CRM system)	Buyer-Seller Group	Generation Group	Transmission Group	Load Server Group	Line of Business Designation
No	Old Dominion Electric Cooperative	Electric Distributor	Muni/Co-op	Buyer	Medium	Small	Small	Public Power (inside)
No	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)
No	Vineland Municipal Electric Utility	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
No	Wabash Valley Power Association, Inc.	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Zero	Public Power (inside)
No	Wellsboro Electric Company	Electric Distributor	Muni/Co-op	Buyer	Zero	Zero	Small	Public Power (inside)
No	Air Products & Chemicals, Inc.	End-Use Customer	Industrial	Buyer	Zero	Zero	Zero	Industrial Customer
No	ArcelorMittal USA LLC	End-Use Customer	Load Serving Entity	Buyer	Zero	Zero	Small	Retail Marketer
No	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
No	Lehigh Portland Cement Company	End-Use Customer	Industrial	Buyer	Zero	Zero	Zero	Industrial Customer
No	Maryland Office of People's Counsel	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
No	MeadWestvaco Corporation	End-Use Customer	Generation	Buyer	Zero	Zero	Zero	IPP
No	Messer LLC	End-Use Customer	Industrial	Seller	Zero	Zero	Zero	Industrial Customer
No	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
No	Office of the People's Counsel for the District of Columbia	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
No	Pennsylvania Office of Consumer Advocate	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
No	Praxair, Inc.	End-Use Customer	Industrial	Seller	Zero	Zero	Zero	Industrial Customer
No	Public Staff - North Carolina Utilities Commission	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
No	Virginia Division of Consumer Counsel	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
No	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
No	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
Yes	Carroll County Energy LLC	Generation Owner	Generation Owner/Ancillary Service Provider	Buyer	Medium	Zero	Zero	Ancillary Service Provider

Vote	Company Name (in PJM CRM system)	Company Sector (in PJM CRM System)	Company Line of Business (In PJM CRM system)	Buyer-Seller Group	Generation Group	Transmission Group	Load Server Group	Line of Business Designation
No	Covanta Energy Group, LLC	Generation Owner	Generation	Buyer	Zero	Zero	Zero	IPP
No	Cypress Creek Renewables, LLC	Generation Owner	Generation	Buyer	Zero	Zero	Zero	IPP
No	Diamond State Generation Partners, LLC	Generation Owner	Generation	Seller	Small	Zero	Zero	IPP
No	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
Yes	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	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
Yes	GenOn Energy Management, LLC	Generation Owner	Generation	Buyer	Zero	Zero	Zero	IPP
No	Hazleton Generation LLC	Generation Owner	Generation	Seller	Small	Zero	Zero	IPP
No	Indiana Municipal Power Agency	Generation Owner	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
No	Invenergy, LLC	Generation Owner	Generation	Buyer	Zero	Zero	Zero	IPP
No	Kimberly-Clark Corporation	Generation Owner	Generation	Seller	Zero	Zero	Zero	IPP
No	Longview Power, LLC	Generation Owner	Generation	Seller	Medium	Zero	Zero	IPP
No	Michigan Public Power Agency	Generation Owner	Generation	Seller	Small	Zero	Zero	IPP
No	Moxie Freedom LLC	Generation Owner	Generation Owner/Ancillary Service Provider	Buyer	Medium	Zero	Zero	Ancillary Service Provider
No	Newark Energy Center, LLC	Generation Owner	Generation	Buyer	Zero	Zero	Zero	IPP
No	NextPower III US Holdco Inc.	Generation Owner	Generation	Buyer	Zero	Zero	Zero	IPP
No	PBF Power Marketing, LLC	Generation Owner	Generation	Seller	Small	Zero	Small	IPP
No	Procter & Gamble Paper Products Company (The)	Generation Owner	Industrial	Buyer	Zero	Zero	Zero	Industrial Customer
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
Yes	UGI Development Company	Generation Owner	Generation	Seller	Small	Zero	Zero	IPP
Yes	Wheelabrator Falls Inc.	Generation Owner	Generation	Seller	Small	Zero	Zero	IPP
No	York County Solid Waste and Refuse Authority	Generation Owner	Generation	Buyer	Small	Zero	Zero	IPP
Yes	Alphataraxia Palladium LLC	Other Supplier	Power Marketer	Buyer	Zero	Zero	Zero	Wholesale Marketer

Vote	Company Name (in PJM CRM system)	Company Sector (in PJM CRM System)	Company Line of Business (In PJM CRM system)	Buyer-Seller Group	Generation Group	Transmission Group	Load Server Group	Line of Business Designation
Yes	Ames Energy, LLC	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
No	Anbaric Development Partners, LLC	Other Supplier	Project Developer	Buyer	Zero	Zero	Zero	Project Developer
Yes	Appian Way Energy Partners MidAtlantic, LLC	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Yes	Big Bend Trading, LLC	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Yes	BJ Energy, LLC	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
No	Brookfield Renewable Trading and Marketing LP	Other Supplier	Generation	Buyer	Zero	Zero	Zero	IPP
No	Carolina Solar Energy III, LLC	Other Supplier	Generation	Buyer	Zero	Zero	Zero	IPP
Yes	Direct Energy Business, LLC	Other Supplier	Load Serving Entity	Buyer	Medium	Zero	Medium	Retail Marketer
No	DTE Energy Trading, Inc.	Other Supplier	Power Marketer	Buyer	Zero	Zero	Zero	Wholesale Marketer
Yes	Dufossat Capital I, LLC	Other Supplier	Financial Trader	Seller	Zero	Zero	Zero	Financial Trader
No	Energy Cooperative Association of Pennsylvania (The)	Other Supplier	Muni/Co-op	Buyer	Zero	Zero	Zero	Public Power (inside)
No	Gerdau Ameristeel Energy, Inc.	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Yes	Greene Energy NE LLC	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Yes	Hexis Energy Trading, LLC	Other Supplier	Financial Trader	Seller	Zero	Zero	Zero	Financial Trader
No	Icetek.com, Inc.	Other Supplier	Curtailment Service Provider	Seller	Small	Zero	Zero	Curtailment Provider
No	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	Kentucky Municipal Energy Agency	Other Supplier	Muni/Co-op	Buyer	Zero	Zero	Small	Public Power (inside)
No	Kuehne Chemical Company, Inc.	Other Supplier	Load Serving Entity	Buyer	Zero	Zero	Small	Retail Marketer
No	Madison Gas & Electric Co.	Other Supplier	Power Marketer	Buyer	Zero	Zero	Zero	Wholesale Marketer
Yes	MAG Energy Solutions, Inc.	Other Supplier	Power Marketer	Seller	Zero	Zero	Zero	Wholesale Marketer
Yes	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
Yes	Precept Power LLC	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Yes	Prime Trading, LLC	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Yes	Pure Energy, Inc.	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Yes	Red Wolf PT, LLC	Other Supplier	Financial Trader	Seller	Zero	Zero	Zero	Financial Trader
No	Shell Energy North America (US), L.P.	Other Supplier	Generation	Buyer	Zero	Zero	Zero	IPP
Yes	Strom Power, LLC	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader

Vote	Company Name (in PJM CRM system)	Company Sector (in PJM CRM System)	Company Line of Business (In PJM CRM system)	Buyer-Seller Group	Generation Group	Transmission Group	Load Server Group	Line of Business Designation
Yes	Taller Cube, LLC	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
No	Tangent Energy Solutions, Inc.	Other Supplier	Curtailment Service Provider	Seller	Zero	Zero	Zero	Curtailment Provider
Yes	Velocity American Energy Master I, L.P.	Other Supplier	Power Marketer	Seller	Zero	Zero	Zero	Wholesale Marketer
Yes	Vitol Inc.	Other Supplier	Power Marketer	Buyer	Zero	Zero	Zero	Wholesale Marketer
No	WPPI Energy	Other Supplier	Power Marketer	Buyer	Zero	Zero	Zero	Wholesale Marketer
Yes	XO Energy MA, L.P.	Other Supplier	Power Marketer	Seller	Zero	Zero	Zero	Wholesale Marketer
Yes	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	Buyer	Small	Small	Zero	IOU (inside)
Yes	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)
Yes	Exelon Business Services Company, LLC	Transmission Owner	Transmission Owner	Buyer	Zero	Zero	Zero	IOU (inside)
No	Linden VFT LLC	Transmission Owner	Transmission Owner	Buyer	Zero	Zero	Zero	IOU (inside)
Abstain	Neptune Regional Transmission System, 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)
Yes	Public Service Electric & Gas Company	Transmission Owner	Transmission Owner	Buyer	Zero	Large	Zero	IOU (inside)
Abstain	Rockland Electric Company	Transmission Owner	Transmission Owner	Buyer	Zero	Small	Zero	IOU (inside)
Yes	Virginia Electric & Power Company	Transmission Owner	Transmission Owner	Buyer	Zero	Large	Zero	IOU (inside)