

**SUPPLEMENTAL VOTING RESULTS**

PJM Members Committee  
MC Meeting Date: June 21, 2018

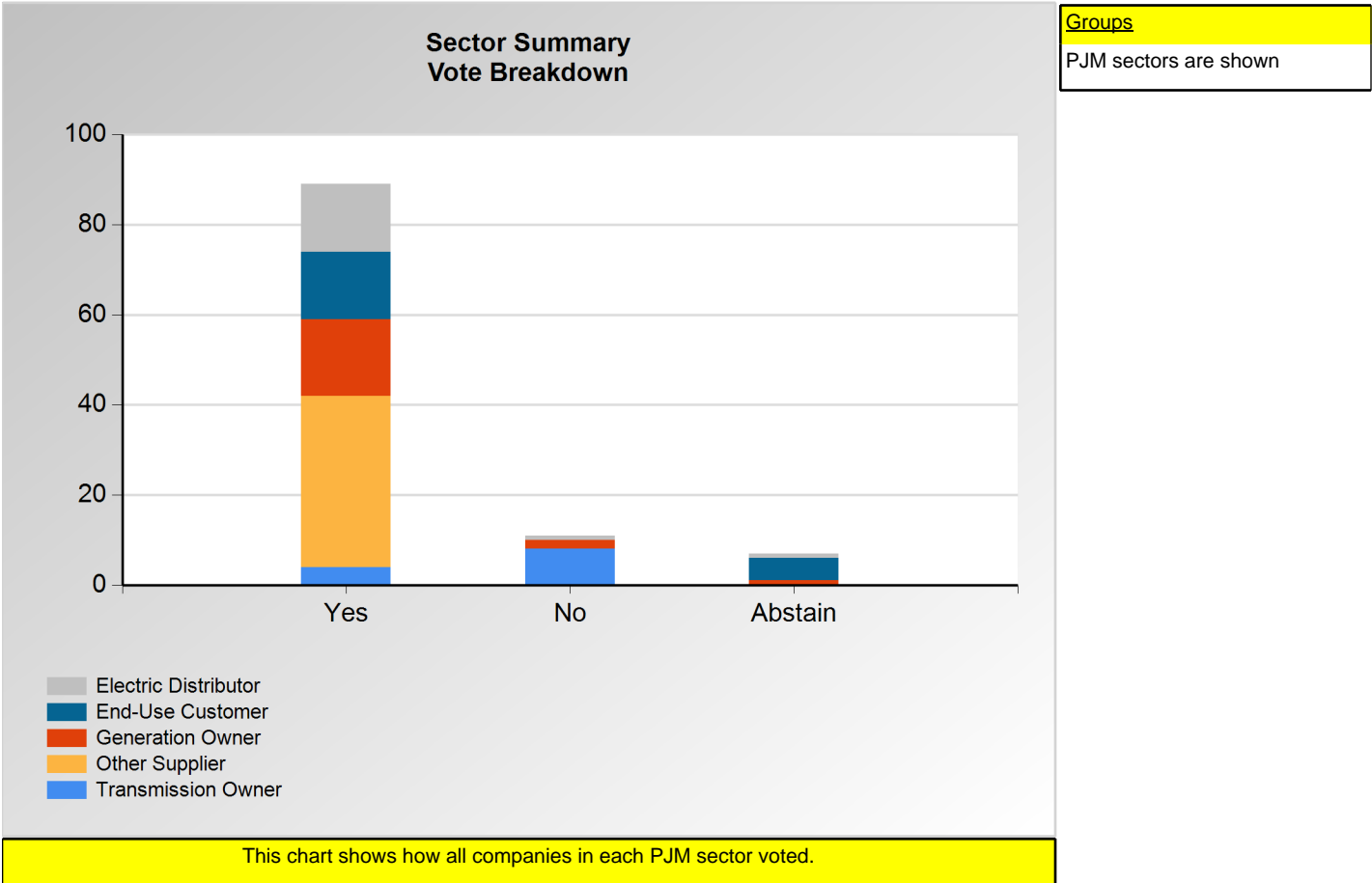
Item: 1 PC Cost Containment OA revisions with Friendly Amendment  
(Vote Result: PASSED)

## 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: June 21, 2018**

Item 1: PC Cost Containment OA revisions with Friendly Amendment  
(Vote Result: PASSED)



This chart shows how all companies in each PJM sector voted.

**Additional Detail:**

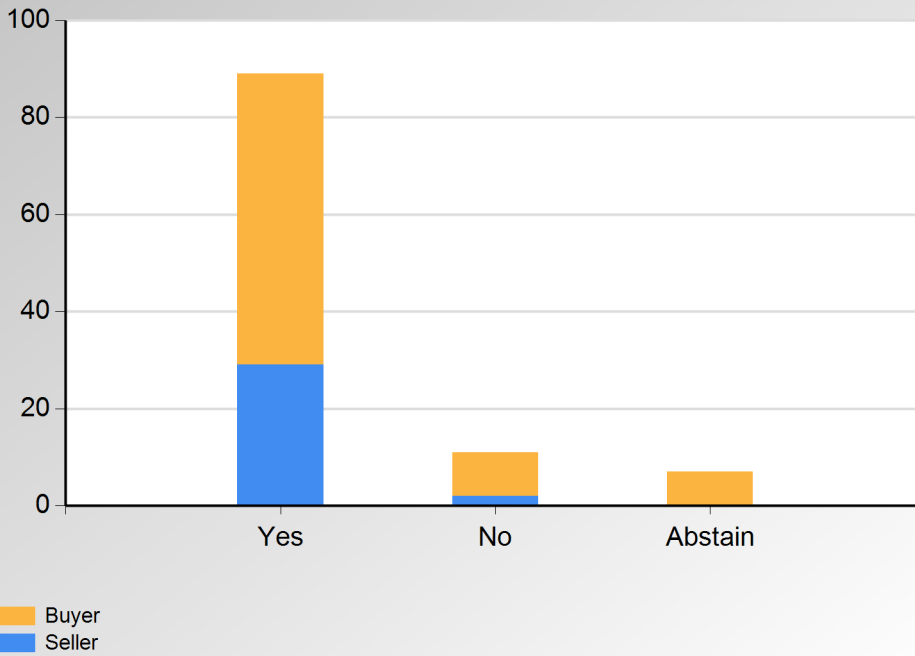
	Eligible	Attended	Did Not Vote	Yes	No	Abstain	Sector Vote In Favor	Sector Weight in Favor
End-Use Customer	36	20	0	15	0	5	100.0 %	1.000
Transmission Owner	14	14	2	4	8	0	33.3 %	0.333
Generation Owner	100	26	6	17	2	1	89.5 %	0.895
Electric Distributor	43	31	14	15	1	1	93.8 %	0.938
Other Supplier	353	50	12	38	0	0	100.0 %	1.000
<b>Total</b>	<b>546</b>	<b>141</b>	<b>34</b>	<b>89</b>	<b>11</b>	<b>7</b>		<b>4.166</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: June 21, 2018**

Item 1: PC Cost Containment OA revisions with Friendly Amendment  
(Vote Result: PASSED)

**Net Buyer-Seller Position  
Vote Breakdown**



**Buyers-Sellers based on  
Net Due (\$MM) 12-month  
total for 2017**

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.

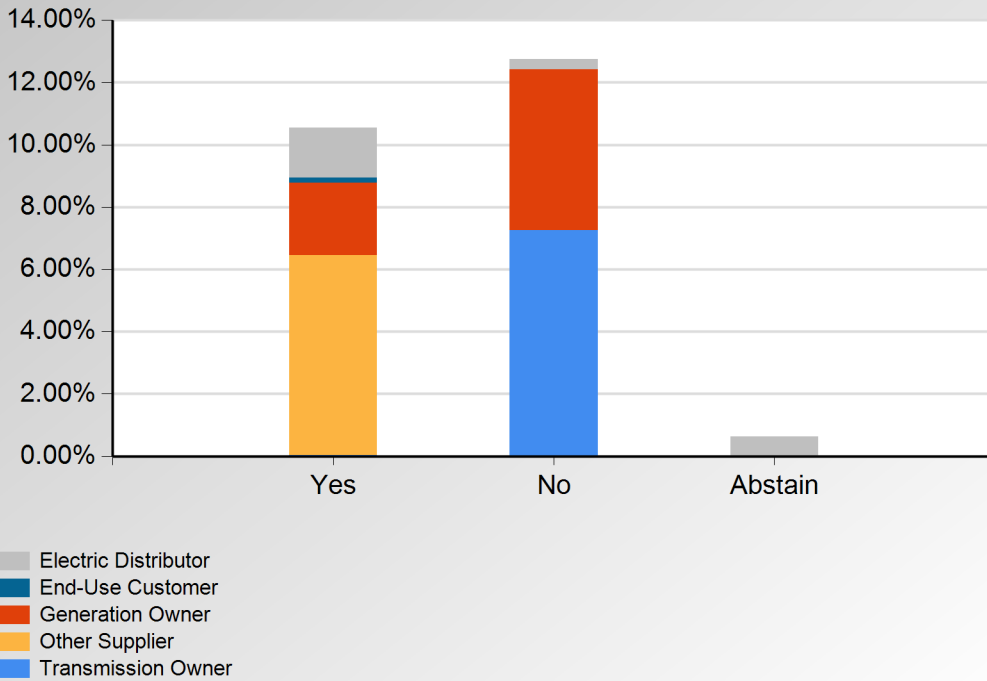
	Yes	No	Abstain
Buyer	60	9	7
Seller	29	2	0

\*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: June 21, 2018**

Item 1: PC Cost Containment OA revisions with Friendly Amendment  
(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	1.604 %	0.345 %	0.625 %
End-Use Customer	0.164 %	0.000%	0.000 %
Generation Owner	2.322 %	5.160 %	0.000 %
Other Supplier	6.427 %	0.000%	0.000%
Transmission Owner	0.036 %	7.252 %	0.000%

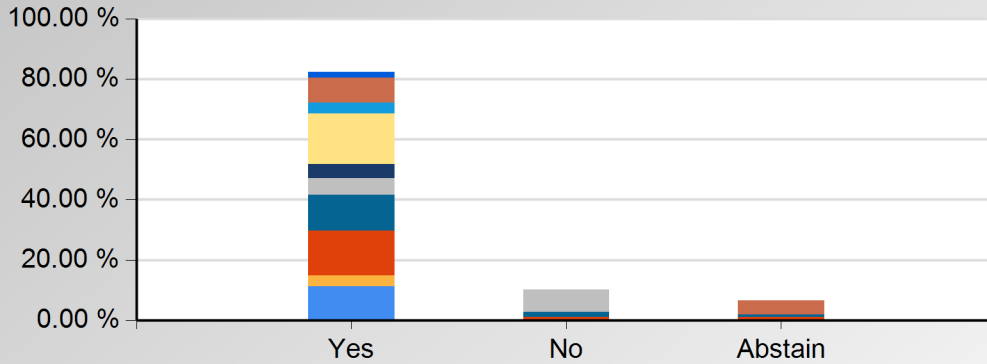
\*Refer to the Company Designations table "Company Sector" column to see each company's group designation found on this chart.

**PJM Members Committee  
MC Meeting Date: June 21, 2018**

Item 1: PC Cost Containment OA revisions with Friendly Amendment  
(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
- 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	2.02 %	0.00 %	0.00 %
Consumer Advocate	25.00 %	0.00 %	13.89 %
Curtailment Provider	1.13 %	0.00 %	0.00 %
Financial Trader	5.10 %	0.00 %	0.00 %
Industrial Customer	3.70 %	0.00 %	0.00 %
IOU (inside)	1.46 %	57.14 %	0.00 %
IPP	2.66 %	2.02 %	1.01 %
Public Power (inside)	3.23 %	2.33 %	2.33 %
Retail Marketer	0.82 %	0.00 %	0.00 %
Wholesale Marketer	2.65 %	0.00 %	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

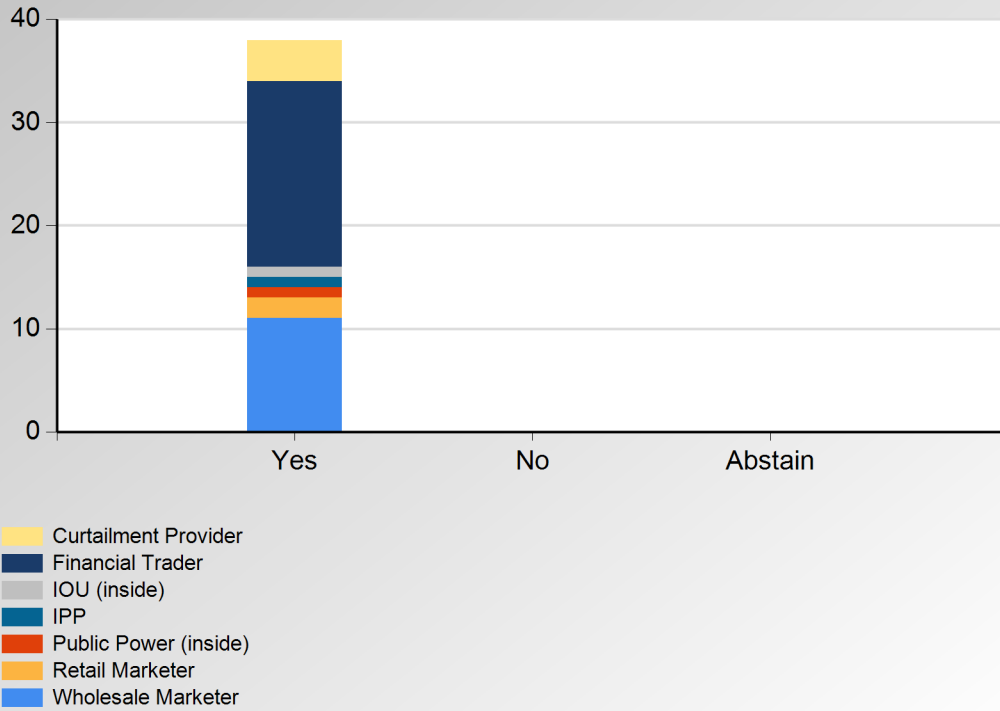
Charts displayed in this section include various portrayals of how various subsets of companies voted at the Members Committee (MC) meeting on this particular issue.

**PJM Members Committee  
MC Meeting Date: June 21, 2018**

Item 1: PC Cost Containment OA revisions with Friendly Amendment  
(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
Curtailment Provider	4	0	0
Financial Trader	18	0	0
IOU (inside)	1	0	0
IPP	1	0	0
Public Power (inside)	1	0	0
Retail Marketer	2	0	0
Wholesale Marketer	11	0	0

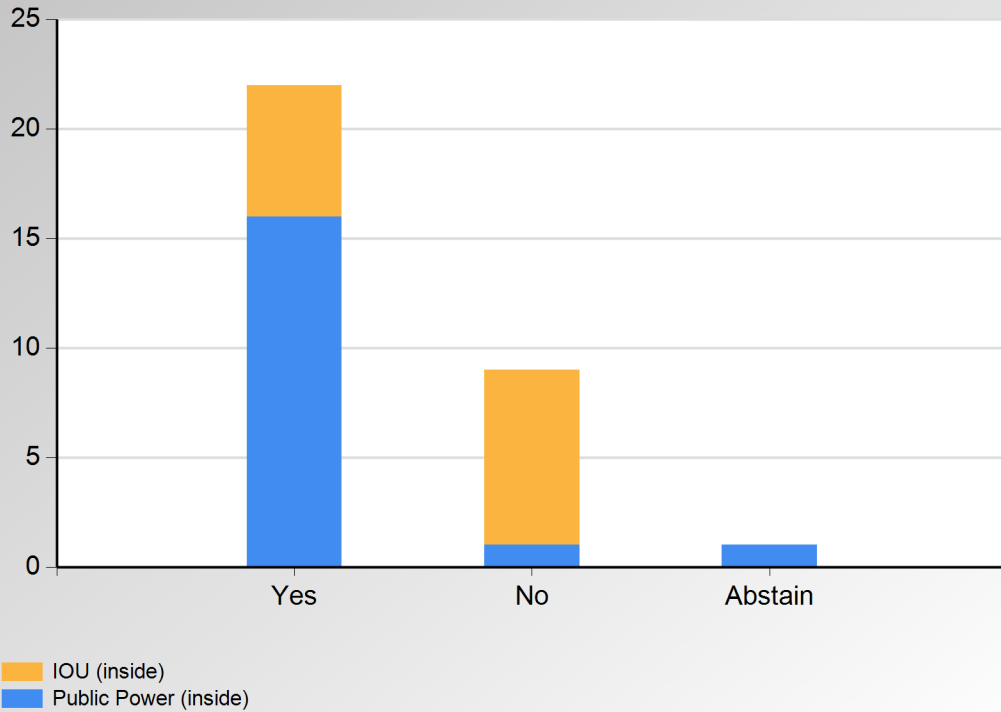
\*Refer to the Company Designations table "Line of Business Designation" column to see each company's group designation found on this chart.



**PJM Members Committee  
MC Meeting Date: June 21, 2018**

Item 1: PC Cost Containment OA revisions with Friendly Amendment  
(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.

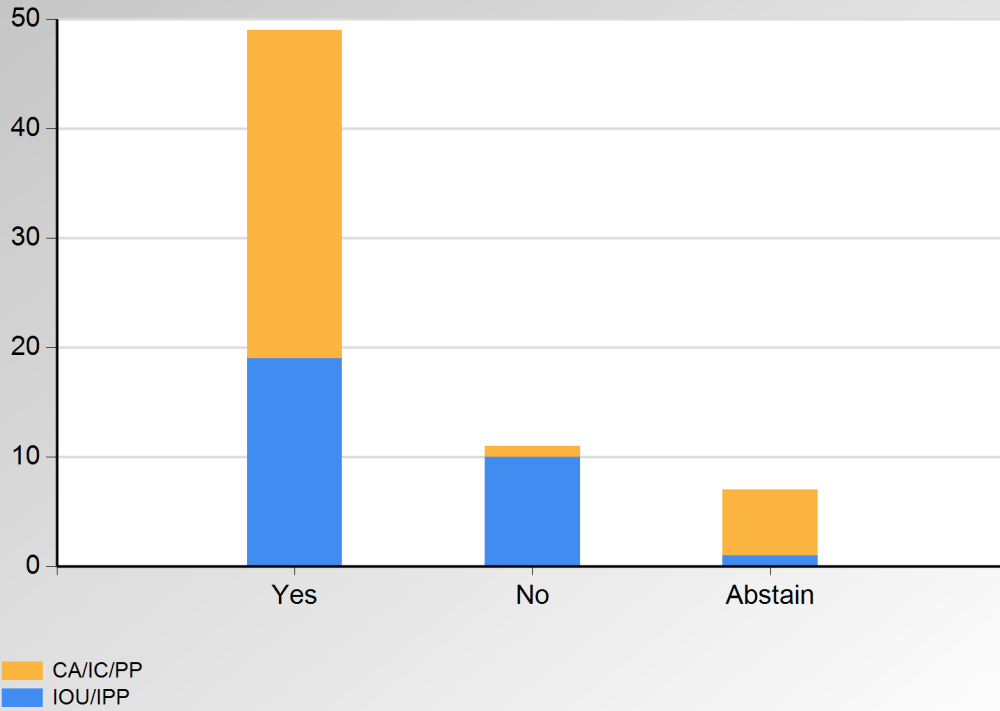
	Yes	No	Abstain
IOU (inside)	6	8	0
Public Power (inside)	16	1	1

\*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: June 21, 2018**

Item 1: PC Cost Containment OA revisions with Friendly Amendment  
(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 group together based on their responsibility to load.

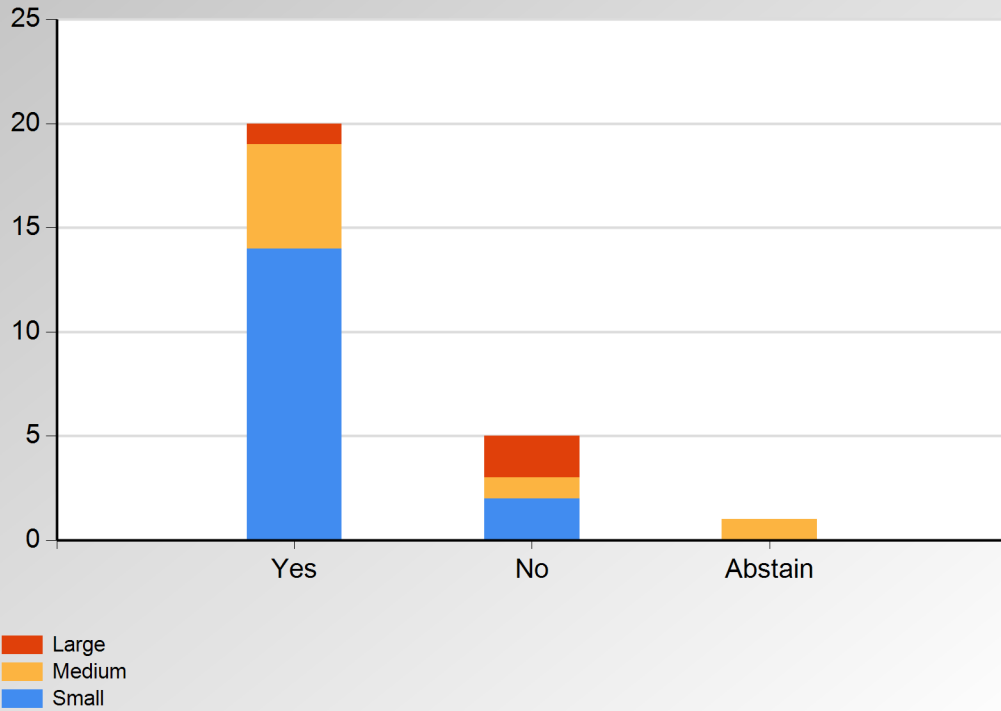
	Yes	No	Abstain
CA/IC/PP	30	1	6
IOU/IPP	19	10	1

\*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: June 21, 2018**

Item 1: PC Cost Containment OA revisions with Friendly Amendment  
(Vote Result: PASSED)

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



**Generation Groupings based on MW Installed Capacity on January 1, 2018**

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	1	2	0
Medium	5	1	1
Small	14	2	0

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

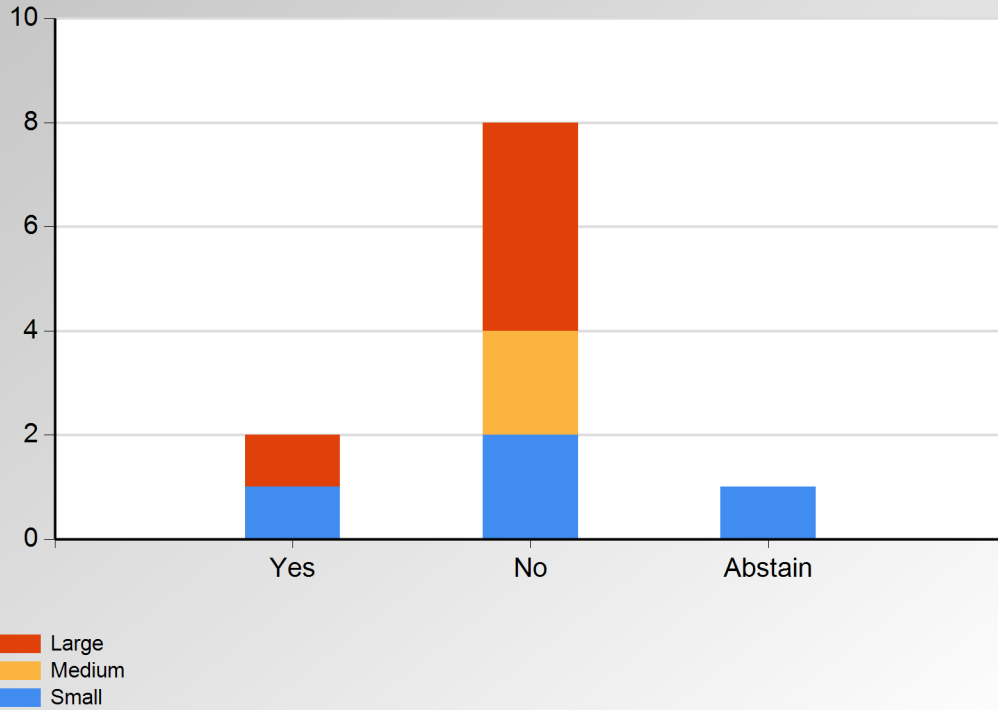
**PJM Members Committee  
MC Meeting Date: June 21, 2018**

Item 1: PC Cost Containment OA revisions with Friendly Amendment  
(Vote Result: PASSED)

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

Groups based on  
Revenue Reqs (\$MM)  
on January 1, 2018

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.

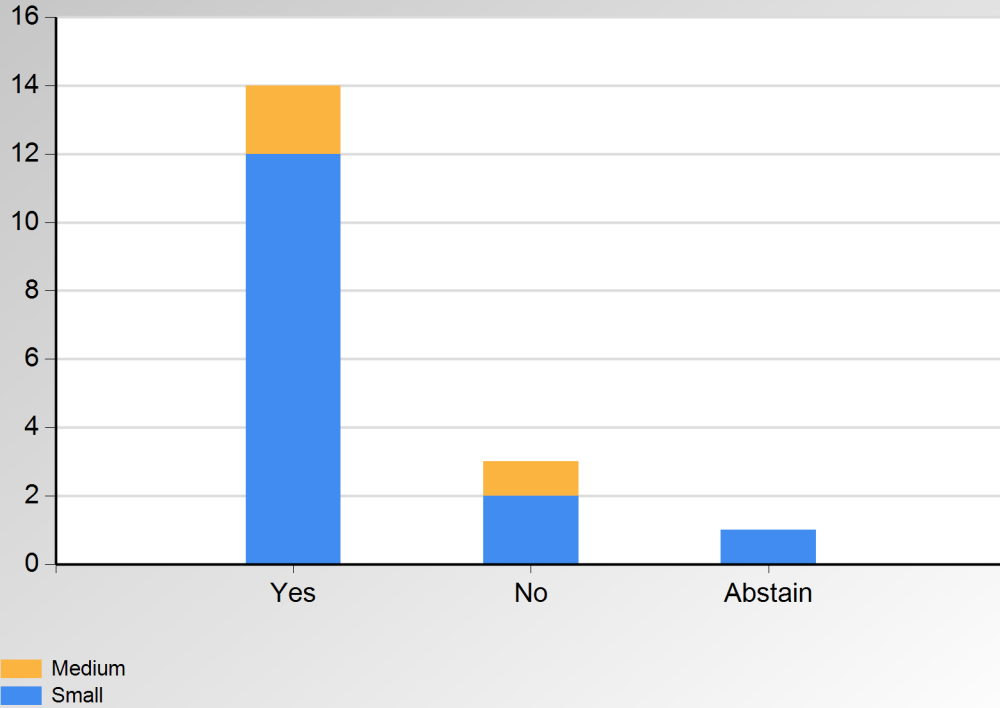
	Yes	No	Abstain
Large	1	4	0
Medium	0	2	0
Small	1	2	1

\*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: June 21, 2018**

Item 1: PC Cost Containment OA revisions with Friendly Amendment  
(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  
2017

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	12	2	1

\*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: June 21, 2018**

Item 1: PC Cost Containment OA revisions with Friendly Amendment  
(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>
15	0	5	100.0 %
Air Products & Chemicals, Inc.		Consumer Protection and Advocate Division of the Tennessee Attorney General	
ArcelorMittal USA LLC		Indiana Office of Utility Consumer Counselor (IN OUCC)	
Delaware Division of the Public Advocate		Michigan Department of Attorney General, Environment, Natural Resources, & Agriculture Division	
Illinois Citizen Utility Board		Ohio Consumers' Counsel	
Lehigh Portland Cement Company		Virginia Division of Consumer Counsel	
Linde, LLC			
Maryland Office of People's Counsel			
MeadWestvaco Corporation			
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			
West Virginia Consumer Advocate Division			
<b>Transmission Owner</b>			
<b>Yes</b>	<b>No</b>	<b>Abstain</b>	<b>Sector Vote In Favor</b>
4	8	0	33.3 %
Essential Power Rock Springs, LLC	American Transmission Systems, Inc.		
Exelon Business Services Company, LLC	Appalachian Power Company		
Neptune Regional Transmission System, LLC	Dayton Power & Light Company (The)		
Virginia Electric & Power Company	Duke Energy Business Services LLC		
	Duquesne Light Company		
	East Kentucky Power Cooperative, Inc.		
	ITC Interconnection LLC		
	Public Service Electric & Gas Company		

Generation Owner			
Yes	No	Abstain	Sector Vote In Favor
17	2	1	89.5 %
Calpine Energy Services, L.P.	PPGI Fund A/B Development, LLC.	Cube Hydro Partners, LLC	
Covanta Energy Group, LLC	Talen Energy Marketing, LLC		
Dynegy Marketing and Trade, LLC			
Eagle Point Power Generation, LLC			
Eastern Generation, LLC			
Indiana Municipal Power Agency			
Invenery, LLC			
Kimberly-Clark Corporation			
Longview Power, LLC			
Moxie Freedom LLC			
NRG Power Marketing, LLC			
Newark Energy Center, LLC			
Procter & Gamble Paper Products Company (The)			
Riverside Generating, LLC			
West Deptford Energy, LLC			
Wheelabrator Frackville Energy Co., Inc.			
York County Solid Waste and Refuse Authority			

Electric Distributor			
Yes	No	Abstain	Sector Vote In Favor
15	1	1	93.8 %
Allegheny Electric Cooperative, Inc.	Southern Maryland Electric Cooperative, Inc.	Old Dominion Electric Cooperative	
American Municipal Power, Inc.			
Borough of Chambersburg			
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)			
Town of Williamsport (The)			
Wabash Valley Power Association, Inc.			



Electric Distributor			
Yes	No	Abstain	Sector Vote In Favor
15	1	1	93.8 %
Wellsboro Electric Company			

Other Supplier			
Yes	No	Abstain	Sector Vote In Favor
38	0	0	100.0 %

Aeon Energy Trading LLC			
Alphataraxia Palladium LLC			
Ames Energy, LLC			
BJ Energy, LLC			
Big Bend Trading, LLC			
Citigroup Energy, Inc.			
DTE Energy Trading, Inc.			
Direct Energy Business, LLC			
Dufossat Capital I, LLC			
ENERGIA Y SERVICIOS DEL ISTMO CENTROAMERICANO, S.A. DE C.V INC.			
Endurance Energy Midwest LLC			
EnerNOC, Inc.			
Energy Cooperative Association of Pennsylvania (The)			
Energys VM Gestion de Energia S.L.U.			
Enerwise Global Technologies, Inc.			
Falcon Energy, LLC			
Gerdau Ameristeel Energy, Inc.			
Great Bay Energy III, LLC			
Greene Energy NE LLC			
Hexis Energy Trading, LLC			
Industrial Energy Users-Ohio			
Jersey Green Energy, LLC			
Liberty Hill Power, LLC			
MAG Energy Solutions, Inc.			
Madison Gas & Electric Co.			
MidAtlantic Power Partners, LLC			
Monterey MA, LLC			
NextEra Energy Marketing, LLC			
Precept Power LLC			
Pure Energy, Inc.			
Red Wolf Energy Trading, LLC			

Other Supplier			
Yes	No	Abstain	Sector Vote In Favor
38	0	0	100.0 %
Rock Island Clean Line LLC			
Taller Cube, LLC			
Tangent Energy Solutions, Inc.			
Velocity American Energy Master I, L.P.			
WPPI Energy			
XO Energy MA, L.P.			
Yasmin Partners LLC			

**PJM Members Committee  
MC Meeting Date: June 21, 2018**

Item 1: PC Cost Containment OA revisions with Friendly Amendment  
(Vote Result: PASSED)

**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
Yes	Allegheny Electric Cooperative, Inc.	Electric Distributor	Transmission Owner	Buyer	Small	Small	Small	IOU (inside)
Yes	American Municipal Power, Inc.	Electric Distributor	Muni/Co-op	Buyer	Zero	Zero	Zero	Public Power (inside)
Yes	Borough of Chambersburg	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)
Abstain	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)
Yes	Town of Williamsport (The)	Electric Distributor	Muni/Co-op	Buyer	Zero	Zero	Zero	Public Power (inside)
Yes	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
Abstain	Consumer Protection and Advocate Division of the Tennessee Attorney General	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
Yes	Delaware Division of the Public Advocate	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
Yes	Illinois Citizen Utility Board	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate

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
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, LLC	End-Use Customer	Industrial	Seller	Zero	Zero	Zero	Industrial Customer
Yes	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
Abstain	Michigan Department of Attorney General, Environment, Natural Resources, & Agriculture Division	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
Yes	New Jersey Division of Rate Counsel	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
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
Abstain	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
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
Abstain	Virginia Division of Consumer Counsel	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
Yes	West Virginia Consumer Advocate Division	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
Yes	Calpine Energy Services, L.P.	Generation Owner	Load Serving Entity	Seller	Large	Zero	Zero	Retail Marketer
Yes	Covanta Energy Group, LLC	Generation Owner	Generation	Seller	Small	Zero	Zero	IPP
Abstain	Cube Hydro Partners, LLC	Generation Owner	Generation	Buyer	Zero	Zero	Zero	IPP
Yes	Dynegy Marketing and Trade, LLC	Generation Owner	Generation	Seller	Zero	Zero	Zero	IPP
Yes	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	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	Small	Zero	Zero	IPP
Yes	Longview Power, LLC	Generation Owner	Generation	Seller	Medium	Zero	Zero	IPP
Yes	Moxie Freedom LLC	Generation Owner	Generation Owner/Ancillary Service Provider	Buyer	Zero	Zero	Zero	Ancillary Service Provider
Yes	Newark Energy Center, LLC	Generation Owner	Generation	Buyer	Zero	Zero	Zero	IPP

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	NRG Power Marketing, LLC	Generation Owner	Generation	Seller	Medium	Zero	Zero	IPP
No	PPGI Fund A/B Development, LLC.	Generation Owner	Generation	Buyer	Zero	Zero	Zero	IPP
Yes	Procter & Gamble Paper Products Company (The)	Generation Owner	Industrial	Buyer	Zero	Zero	Zero	Industrial Customer
Yes	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	West Deptford Energy, LLC	Generation Owner	Generation	Seller	Medium	Zero	Zero	IPP
Yes	Wheelabrator Frackville Energy Co., 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	Aeon Energy Trading LLC	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Yes	Alphataraxia Palladium LLC	Other Supplier	Power Marketer	Buyer	Zero	Zero	Zero	Wholesale Marketer
Yes	Ames Energy, 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
Yes	Citigroup Energy, Inc.	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Yes	Direct Energy Business, LLC	Other Supplier	Load Serving Entity	Buyer	Zero	Zero	Medium	Retail Marketer
Yes	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
Yes	Endurance Energy Midwest LLC	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Yes	ENERGIA Y SERVICIOS DEL ISTMO CENTROAMERICANO, S.A. DE C.V INC.	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Yes	Energy Cooperative Association of Pennsylvania (The)	Other Supplier	Muni/Co-op	Buyer	Zero	Zero	Zero	Public Power (inside)
Yes	Energya VM Gestion de Energia S.L.U.	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Yes	EnerNOC, Inc.	Other Supplier	Curtailement Service Provider	Seller	Zero	Zero	Zero	Curtailement Provider
Yes	Enerwise Global Technologies, Inc.	Other Supplier	Curtailement Service Provider	Seller	Zero	Zero	Zero	Curtailement Provider
Yes	Falcon Energy, LLC	Other Supplier	Power Marketer	Seller	Zero	Zero	Zero	Wholesale Marketer
Yes	Gerdau Ameristeel Energy, Inc.	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Yes	Great Bay Energy III, LLC	Other Supplier	Power Marketer	Buyer	Zero	Zero	Zero	Wholesale Marketer
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

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	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
Yes	Liberty Hill Power, LLC	Other Supplier	Power Marketer	Seller	Zero	Zero	Zero	Wholesale Marketer
Yes	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	MidAtlantic Power Partners, LLC	Other Supplier	Curtailement Service Provider	Seller	Zero	Zero	Zero	Curtailement Provider
Yes	Monterey MA, LLC	Other Supplier	Power Marketer	Buyer	Zero	Zero	Zero	Wholesale Marketer
Yes	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	Pure Energy, Inc.	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Yes	Red Wolf Energy Trading, LLC	Other Supplier	Financial Trader	Seller	Zero	Zero	Zero	Financial Trader
Yes	Rock Island Clean Line LLC	Other Supplier	Transmission Owner	Buyer	Zero	Zero	Zero	IOU (inside)
Yes	Taller Cube, LLC	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Yes	Tangent Energy Solutions, Inc.	Other Supplier	Curtailement Service Provider	Seller	Zero	Zero	Zero	Curtailement Provider
Yes	Velocity American Energy Master I, L.P.	Other Supplier	Power Marketer	Seller	Zero	Zero	Zero	Wholesale Marketer
Yes	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	Yasmin Partners LLC	Other Supplier	Financial Trader	Seller	Zero	Zero	Zero	Financial Trader
No	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)
No	Dayton Power & Light Company (The)	Transmission Owner	Transmission Owner	Buyer	Small	Small	Zero	IOU (inside)
No	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	Small	IOU (inside)
No	East Kentucky Power Cooperative, Inc.	Transmission Owner	Transmission Owner	Buyer	Medium	Medium	Medium	IOU (inside)
Yes	Essential Power Rock Springs, LLC	Transmission Owner	Transmission Owner	Seller	Zero	Zero	Zero	IOU (inside)
Yes	Exelon Business Services Company, LLC	Transmission Owner	Transmission Owner	Buyer	Zero	Zero	Zero	IOU (inside)
No	ITC Interconnection LLC	Transmission Owner	Transmission Owner	Buyer	Zero	Zero	Zero	IOU (inside)
Yes	Neptune Regional Transmission System, LLC	Transmission Owner	Transmission Owner	Buyer	Zero	Zero	Zero	IOU (inside)
No	Public Service Electric & Gas Company	Transmission Owner	Transmission Owner	Buyer	Zero	Large	Zero	IOU (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
Yes	Virginia Electric & Power Company	Transmission Owner	Transmission Owner	Buyer	Zero	Large	Zero	IOU (inside)