

SUPPLEMENTAL VOTING RESULTS

PJM Members Committee
MC Meeting Date: January 26, 2017

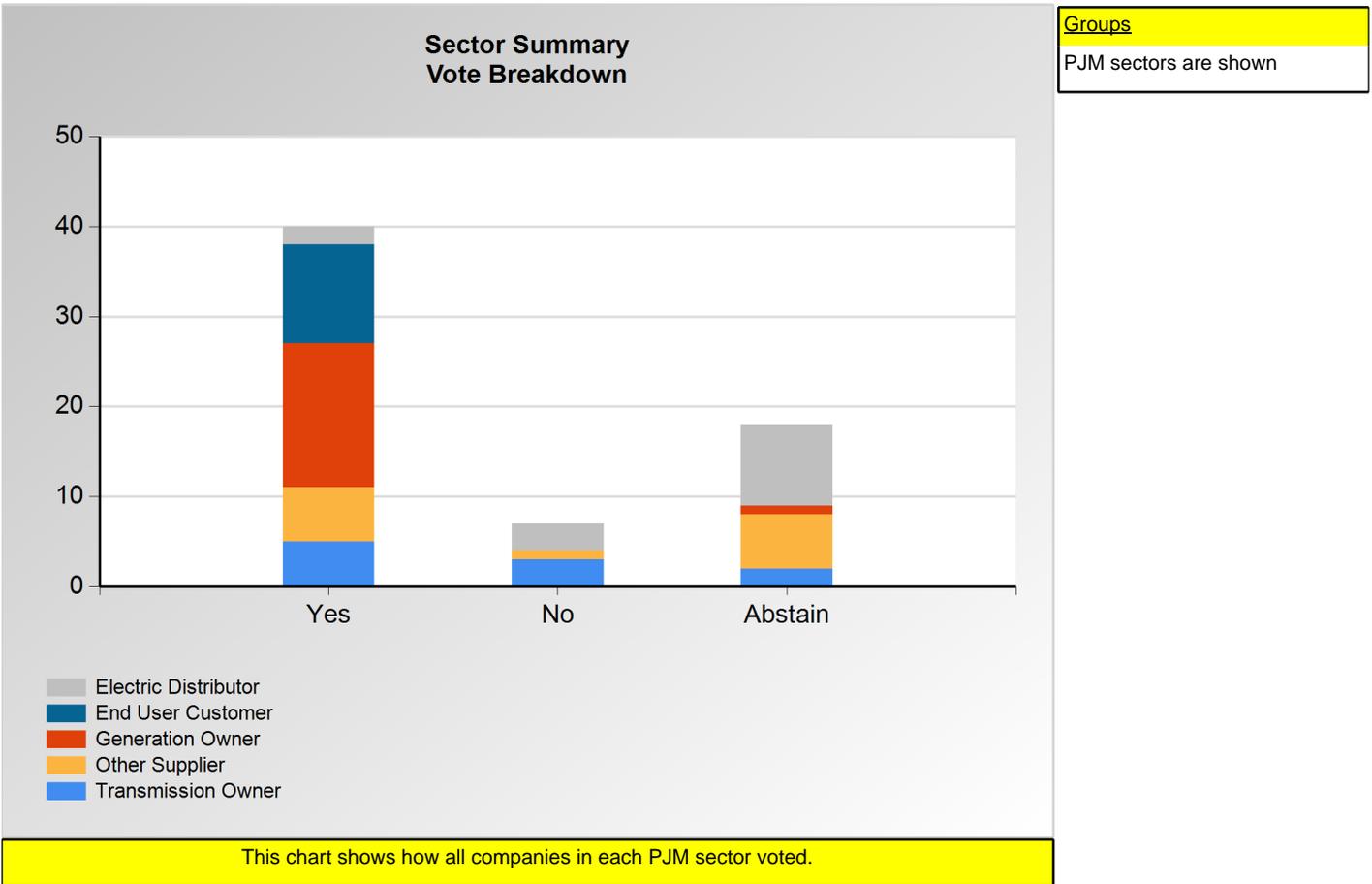
Item: 2 Proposed Tariff and Reliability Assurance Agreement revisions regarding participation as Capacity
Performance by resources external to PJM's footprint
(Vote Result: PASSED)

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: January 26, 2017**

Item 2: Proposed Tariff and Reliability Assurance Agreement revisions regarding participation as Capacity Performance by resources external to PJM's footprint
(Vote Result: PASSED)



Additional Detail:

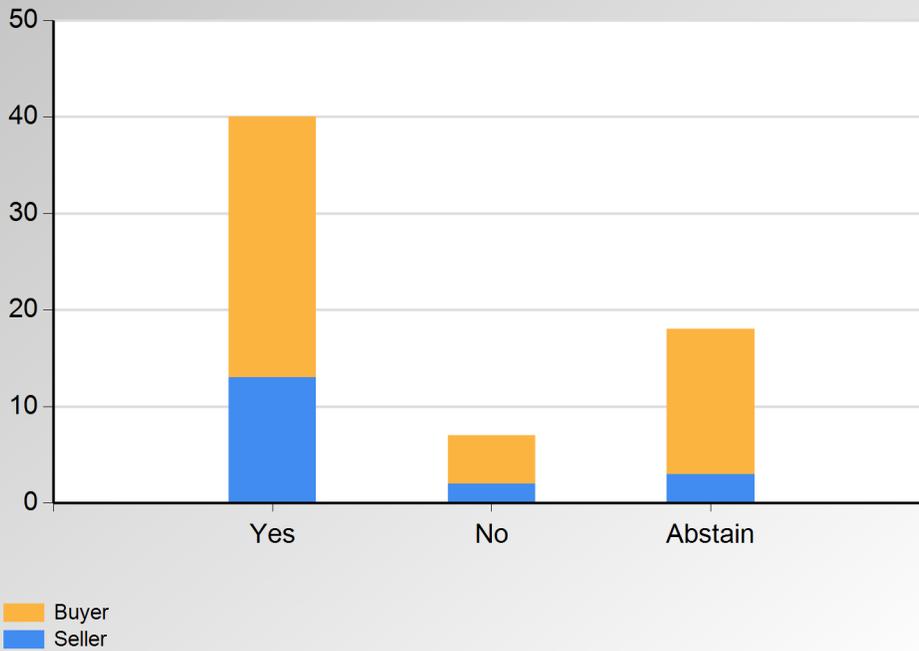
	Eligible	Attended	Did Not Vote	Yes	No	Abstain	Sector Vote In Favor	Sector Weight in Favor
Transmission Owner	14	13	3	5	3	2	62.5 %	0.625
Generation Owner	93	21	4	16	0	1	100.0 %	1.000
End User Customer	28	11	0	11	0	0	100.0 %	1.000
Electric Distributor	43	21	7	2	3	9	40.0 %	0.400
Other Supplier	358	55	42	6	1	6	85.7 %	0.857
Total	536	121	56	40	7	18		3.882

*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: January 26, 2017**

Item 2: Proposed Tariff and Reliability Assurance Agreement revisions regarding participation as Capacity Performance by resources external to PJM's footprint
(Vote Result: PASSED)

**Net Buyer-Seller Position
Vote Breakdown**



**Buyers-Sellers based on
Net Due (\$MM) 12-month
total for 2016**

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.

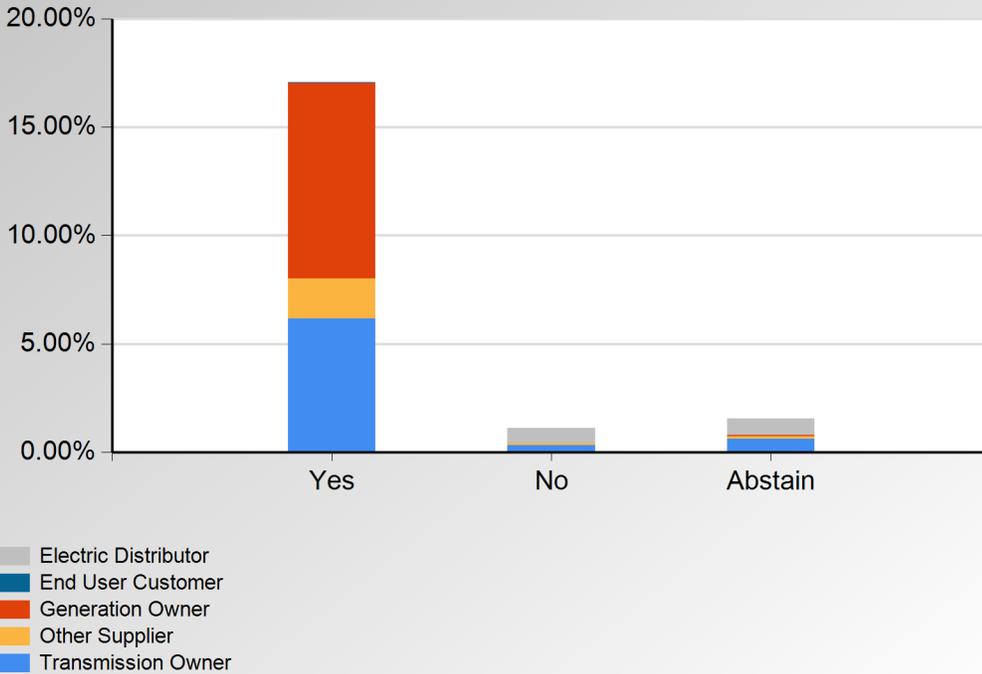
	Yes	No	Abstain
Buyer	27	5	15
Seller	13	2	3

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

PJM Members Committee
MC Meeting Date: January 26, 2017

Item 2: Proposed Tariff and Reliability Assurance Agreement revisions regarding participation as Capacity Performance by resources external to PJM's footprint
 (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	0.017 %	0.705 %	0.787 %
End User Customer	0.052 %	0.000%	0.000%
Generation Owner	9.009 %	0.000%	0.039 %
Other Supplier	1.852 %	0.093 %	0.121 %
Transmission Owner	6.173 %	0.314 %	0.615 %

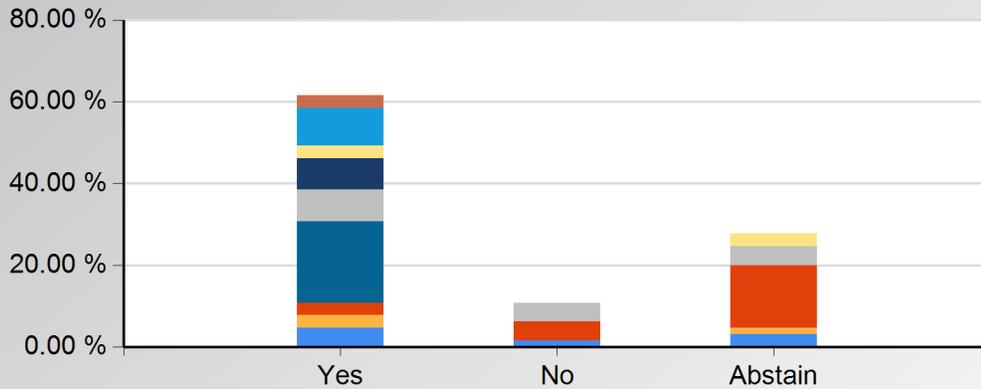
*Refer to the Company Designations table "Company Sector" column to see each company's group designation found on this chart.

PJM Members Committee
MC Meeting Date: January 26, 2017

Item 2: Proposed Tariff and Reliability Assurance Agreement revisions regarding participation as Capacity Performance by resources external to PJM's footprint
 (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
- 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	2.15 %	0.00 %	0.00 %
Consumer Advocate	20.69 %	0.00 %	0.00 %
Financial Trader	0.55 %	0.00 %	0.55 %
Industrial Customer	17.24 %	0.00 %	0.00 %
IOU (inside)	35.71 %	21.43 %	5.17 %
IPP	13.98 %	0.00 %	0.00 %
Public Power (inside)	4.55 %	6.82 %	2.00 %
Retail Marketer	0.44 %	0.00 %	0.27 %
Wholesale Marketer	0.82 %	0.27 %	0.55 %

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

SECTION 2

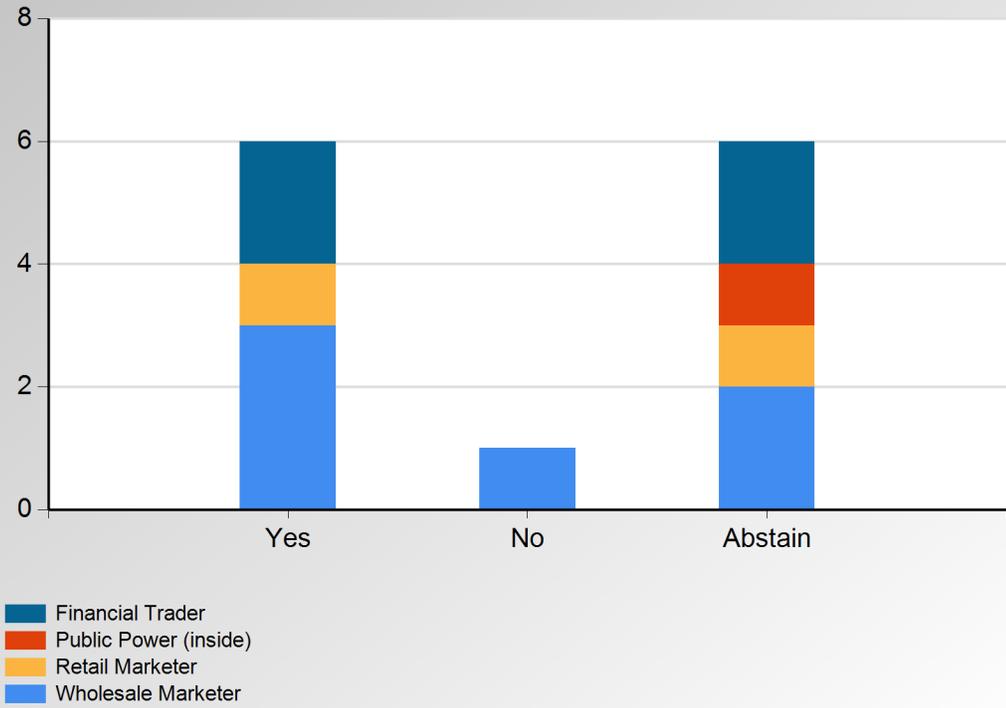
Charts displayed in this section include various portrayals of how various subsets of companies voted at the Members Committee (MC) meeting on this particular issue.

**PJM Members Committee
MC Meeting Date: January 26, 2017**

Item 2: Proposed Tariff and Reliability Assurance Agreement revisions regarding participation as Capacity Performance by resources external to PJM's footprint
(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.

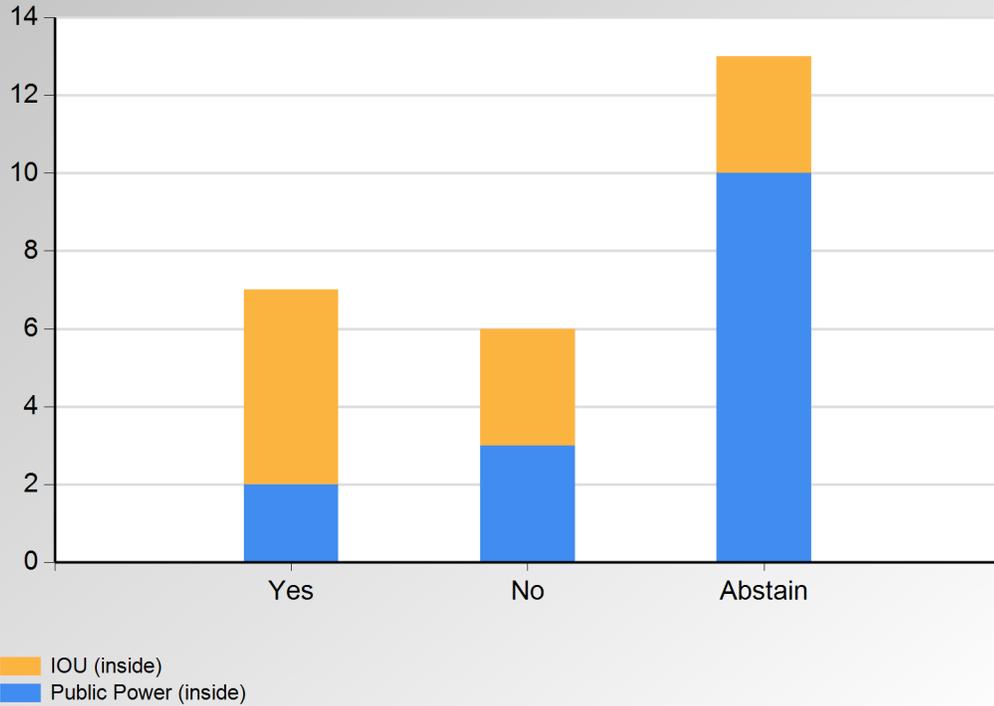
	Yes	No	Abstain
Financial Trader	2	0	2
Public Power (inside)	0	0	1
Retail Marketer	1	0	1
Wholesale Marketer	3	1	2

*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: January 26, 2017**

Item 2: Proposed Tariff and Reliability Assurance Agreement revisions regarding participation as Capacity Performance by resources external to PJM's footprint
(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.

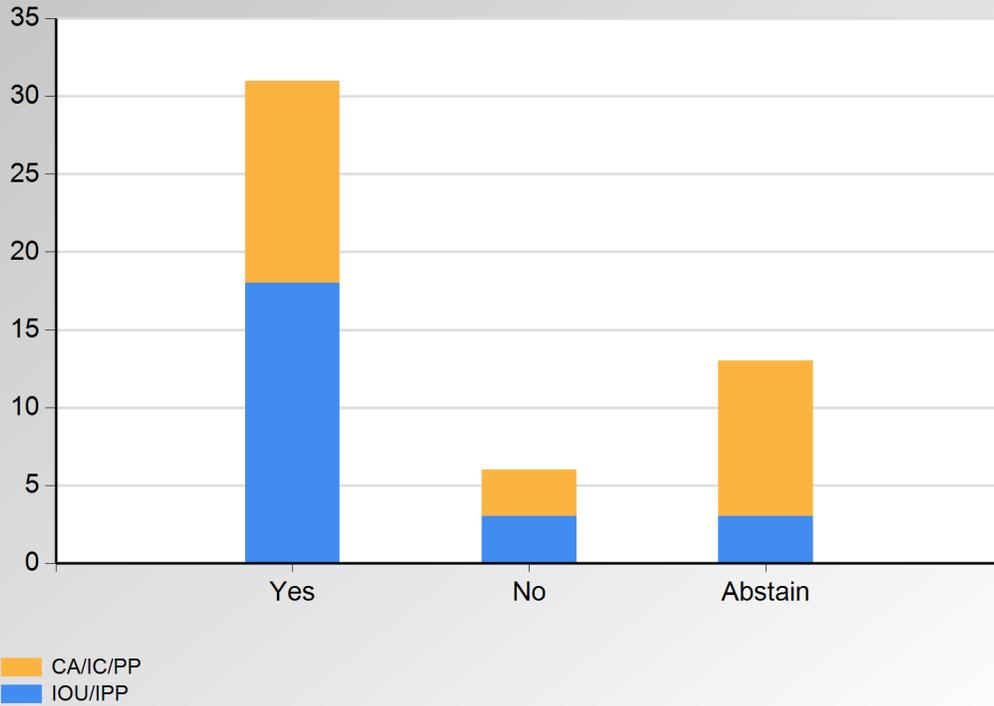
	Yes	No	Abstain
IOU (inside)	5	3	3
Public Power (inside)	2	3	10

*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: January 26, 2017**

Item 2: Proposed Tariff and Reliability Assurance Agreement revisions regarding participation as Capacity Performance by resources external to PJM's footprint
(Vote Result: PASSED)

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



Groups

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

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

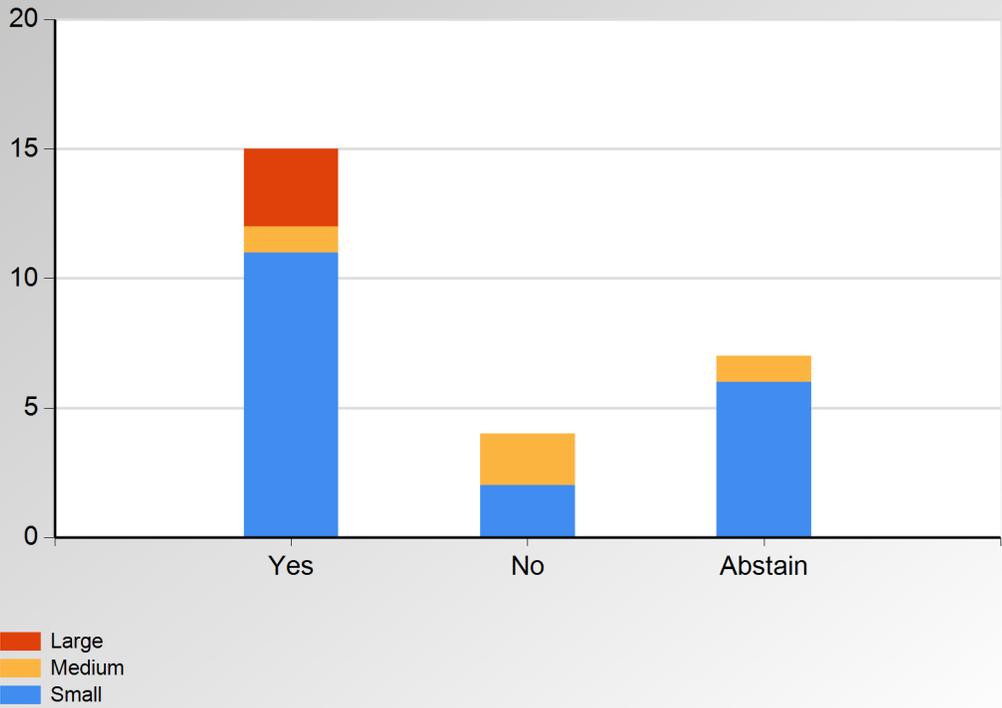
	Yes	No	Abstain
CA/IC/PP	13	3	10
IOU/IPP	18	3	3

*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: January 26, 2017**

Item 2: Proposed Tariff and Reliability Assurance Agreement revisions regarding participation as Capacity Performance by resources external to PJM's footprint
(Vote Result: PASSED)

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



Generation Groupings based on MW Installed Capacity on January 1, 2017
 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.

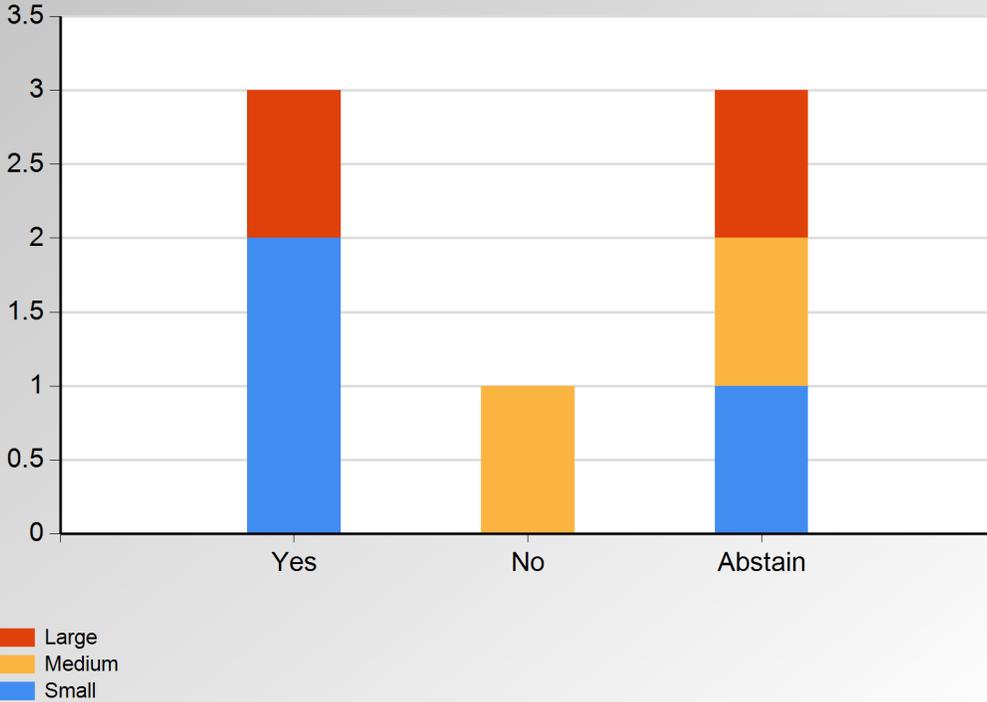
	Yes	No	Abstain
Large	3	0	0
Medium	1	2	1
Small	11	2	6

*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: January 26, 2017**

Item 2: Proposed Tariff and Reliability Assurance Agreement revisions regarding participation as Capacity Performance by resources external to PJM's footprint
(Vote Result: PASSED)

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



Groups based on Revenue Reqs (\$MM) on January 1, 2017
 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.

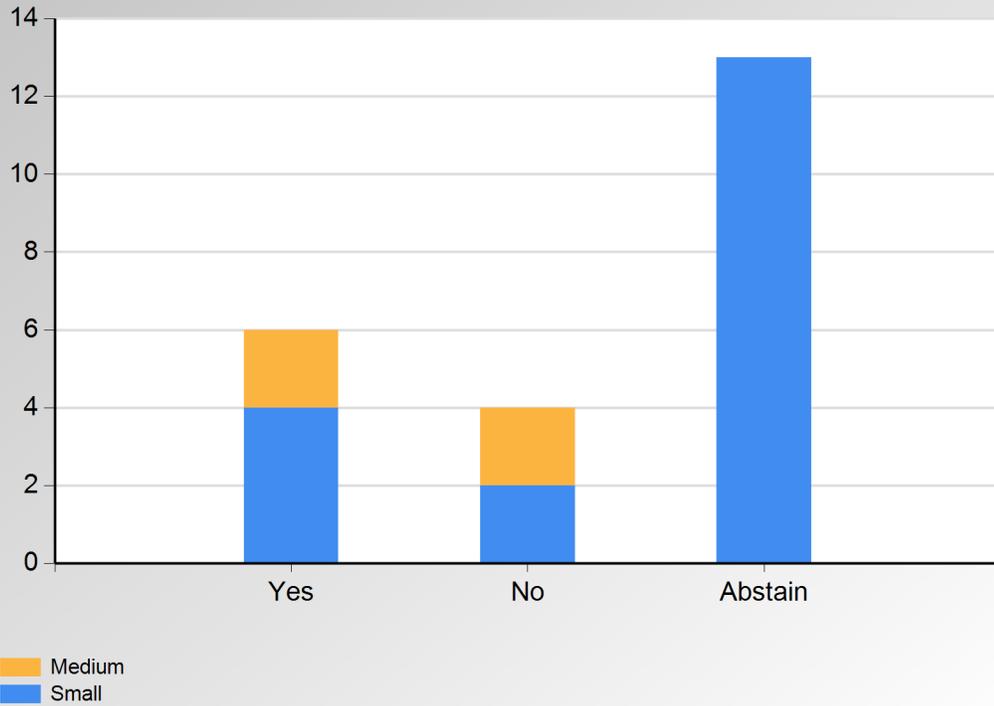
	Yes	No	Abstain
Large	1	0	1
Medium	0	1	1
Small	2	0	1

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

**PJM Members Committee
MC Meeting Date: January 26, 2017**

Item 2: Proposed Tariff and Reliability Assurance Agreement revisions regarding participation as Capacity Performance by resources external to PJM's footprint
(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 2016
 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	2	0
Small	4	2	13

*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: January 26, 2017**

Item 2: Proposed Tariff and Reliability Assurance Agreement revisions regarding participation as Capacity Performance by resources external to PJM's footprint
(Vote Result: PASSED)

SECTOR DETAIL VOTE BREAKDOWN

Transmission Owner			
Yes	No	Abstain	Sector Vote In Favor
5	3	2	62.5 %
Dayton Power & Light Company (The)	Duke Energy Business Services LLC	Duquesne Light Company	
Exelon Business Services Company, LLC	East Kentucky Power Cooperative, Inc.	Public Service Electric & Gas Company	
FirstEnergy Solutions Corp.	ITC Interconnection LLC		
PPL Electric Utilities Corporation d/b/a PPL Utilities			
Rockland Electric Company			
Generation Owner			
Yes	No	Abstain	Sector Vote In Favor
16	0	1	100.0 %
Avangrid Renewables, LLC		Indiana Municipal Power Agency	
Calpine Energy Services, L.P.			
Covanta Energy Group, LLC			
Dynegy Marketing and Trade, LLC			
Eastern Generation, LLC			
Elgin Energy Center, LLC			
Grays Ferry Cogeneration Partnership			
Kimberly-Clark Corporation			
Longview Power, LLC			
Moxie Freedom LLC			
Newark Energy Center, LLC			
NextEra Energy Marketing, LLC			
Talen Energy Marketing, LLC			
WM Renewable Energy, L.L.C.			
Wheelabrator Frackville Energy Co., Inc.			
York County Solid Waste and Refuse Authority			
End User Customer			
Yes	No	Abstain	Sector Vote In Favor
11	0	0	100.0 %
Air Products & Chemicals, Inc.			

End User Customer			
Yes	No	Abstain	Sector Vote In Favor
11	0	0	100.0 %
Delaware Division of the Public Advocate			
Illinois Citizen Utility Board			
Indiana Office of Utility Consumer Counselor (IN OUCC)			
Lehigh Portland Cement Company			
Linde, LLC			
Maryland Office of People's Counsel			
New Jersey Division of Rate Counsel			
Praxair, Inc.			
Procter & Gamble Paper Products Company (The)			
West Virginia Consumer Advocate Division			
Electric Distributor			
Yes	No	Abstain	Sector Vote In Favor
2	3	9	40.0 %
Letterkenny Industrial Development Authority - PA	American Municipal Power, Inc.	Allegheny Electric Cooperative, Inc.	
Wellsboro Electric Company	Illinois Municipal Electric Agency	Borough of Chambersburg	
	North Carolina Electric Membership Corporation	Buckeye Power, Inc.	
		City of Dover, Delaware	
		Delaware Municipal Electric Corporation, Inc.	
		Easton Utilities Commission	
		Hagerstown Light Department	
		Northern Virginia Electric Cooperative (NOVEC)	
		Town of Williamsport (The)	
Other Supplier			
Yes	No	Abstain	Sector Vote In Favor
6	1	6	85.7 %
Direct Energy Business, LLC	Brookfield Energy Marketing LP	DC Energy, LLC	
ETC Endure Energy L.L.C.		Energy Cooperative Association of Pennsylvania (The)	
Gerdau Ameristeel Energy, Inc.		Industrial Energy Users-Ohio	
Jersey Green Energy, LLC		Madison Gas & Electric Co.	
Rainbow Energy Marketing Corporation		New York Power Authority	
Southeastern Power Administration		WPPI Energy	

**PJM Members Committee
MC Meeting Date: January 26, 2017**

Item 2: Proposed Tariff and Reliability Assurance Agreement revisions regarding participation as Capacity Performance by resources external to PJM's footprint
(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
Abstain	Allegheny Electric Cooperative, Inc.	Electric Distributor	Transmission Owner	Buyer	Small	Small	Small	IOU (inside)
Abstain	Allegheny Electric Cooperative, Inc.	Electric Distributor	Transmission Owner	Buyer	Small	Small	Small	IOU (inside)
Abstain	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)
Abstain	Borough of Chambersburg	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Abstain	Borough of Chambersburg	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Abstain	Buckeye Power, Inc.	Electric Distributor	Muni/Co-op	Seller	Medium	Zero	Zero	Public Power (inside)
Abstain	City of Dover, Delaware	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Abstain	City of Dover, Delaware	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Abstain	Delaware Municipal Electric Corporation, Inc.	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Abstain	Delaware Municipal Electric Corporation, Inc.	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Abstain	Easton Utilities Commission	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Abstain	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)
Yes	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)
Abstain	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor	Muni/Co-op	Buyer	Zero	Zero	Small	Public Power (inside)
Abstain	Town of Williamsport (The)	Electric Distributor	Muni/Co-op	Buyer	Zero	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 User Customer	Industrial	Buyer	Zero	Zero	Zero	Industrial Customer
Yes	Delaware Division of the Public Advocate	End User Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
Yes	Illinois Citizen Utility Board	End User Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
Yes	Indiana Office of Utility Consumer Counselor (IN OUCC)	End User 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
Yes	Lehigh Portland Cement Company	End User Customer	Industrial	Buyer	Zero	Zero	Zero	Industrial Customer
Yes	Linde, LLC	End User Customer	Industrial	Seller	Zero	Zero	Zero	Industrial Customer
Yes	Maryland Office of People's Counsel	End User Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
Yes	New Jersey Division of Rate Counsel	End User Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
Yes	Praxair, Inc.	End User Customer	Industrial	Seller	Zero	Zero	Zero	Industrial Customer
Yes	Procter & Gamble Paper Products Company (The)	End User Customer	Industrial	Buyer	Zero	Zero	Zero	Industrial Customer
Yes	West Virginia Consumer Advocate Division	End User Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
Yes	Avangrid Renewables, LLC	Generation Owner	Generation	Seller	Small	Zero	Zero	IPP
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
Yes	Dynegy Marketing and Trade, LLC	Generation Owner	Generation	Seller	Zero	Zero	Zero	IPP
Yes	Eastern Generation, LLC	Generation Owner	Generation Owner/Ancillary Service Provider	Buyer	Zero	Zero	Zero	Ancillary Service Provider
Yes	Elgin Energy Center, LLC	Generation Owner	Generation	Seller	Small	Zero	Zero	IPP
Yes	Grays Ferry Cogeneration Partnership	Generation Owner	Generation	Seller	Small	Zero	Zero	IPP
Abstain	Indiana Municipal Power Agency	Generation Owner	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
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
Yes	NextEra Energy Marketing, LLC	Generation Owner	Generation	Buyer	Small	Zero	Zero	IPP
Yes	Talen Energy Marketing, LLC	Generation Owner	Generation	Seller	Large	Large	Zero	IPP
Yes	Wheelabrator Frackville Energy Co., Inc.	Generation Owner	Generation	Seller	Small	Zero	Zero	IPP
Yes	WM Renewable Energy, L.L.C.	Generation Owner	Generation	Seller	Small	Zero	Zero	IPP
Yes	York County Solid Waste and Refuse Authority	Generation Owner	Generation	Buyer	Small	Zero	Zero	IPP
No	Brookfield Energy Marketing LP	Other Supplier	Power Marketer	Seller	Small	Zero	Zero	Wholesale Marketer
Abstain	DC Energy, LLC	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

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	Energy Cooperative Association of Pennsylvania (The)	Other Supplier	Muni/Co-op	Buyer	Zero	Zero	Zero	Public Power (inside)
Yes	ETC Endure Energy L.L.C.	Other Supplier	Power Marketer	Buyer	Zero	Zero	Zero	Wholesale Marketer
Yes	Gerdau Ameristeel Energy, Inc.	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Abstain	Industrial Energy Users-Ohio	Other Supplier	Load Serving Entity	Seller	Zero	Zero	Zero	Retail Marketer
Yes	Jersey Green Energy, LLC	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Abstain	Madison Gas & Electric Co.	Other Supplier	Power Marketer	Buyer	Zero	Zero	Zero	Wholesale Marketer
Abstain	New York Power Authority	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Yes	Rainbow Energy Marketing Corporation	Other Supplier	Power Marketer	Buyer	Zero	Zero	Zero	Wholesale Marketer
Yes	Southeastern Power Administration	Other Supplier	Power Marketer	Buyer	Small	Zero	Small	Wholesale Marketer
Abstain	WPPI Energy	Other Supplier	Power Marketer	Buyer	Zero	Zero	Zero	Wholesale Marketer
Yes	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)
Abstain	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)
No	East Kentucky Power Cooperative, Inc.	Transmission Owner	Transmission Owner	Buyer	Medium	Medium	Medium	IOU (inside)
Yes	Exelon Business Services Company, LLC	Transmission Owner	Transmission Owner	Buyer	Zero	Zero	Zero	IOU (inside)
Yes	FirstEnergy Solutions Corp.	Transmission Owner	Transmission Owner	Buyer	Large	Zero	Small	IOU (inside)
Yes	FirstEnergy Solutions Corp.	Transmission Owner	Transmission Owner	Buyer	Large	Zero	Medium	IOU (inside)
No	ITC Interconnection 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	Zero	IOU (inside)
Abstain	Public Service Electric & Gas Company	Transmission Owner	Transmission Owner	Buyer	Zero	Large	Zero	IOU (inside)
Yes	Rockland Electric Company	Transmission Owner	Transmission Owner	Buyer	Zero	Small	Zero	IOU (inside)