

SUPPLEMENTAL VOTING RESULTS

PJM Members Committee
MC Meeting Date: March 23, 2022

Item: 1B2 Do you endorse the FTR Credit Requirement revisions, including the HSIM Initial Margining proposal, filed by PJM on December 21, 2021, as amended, with the 97% confidence interval (CI) accompanied by some new supporting rationale?

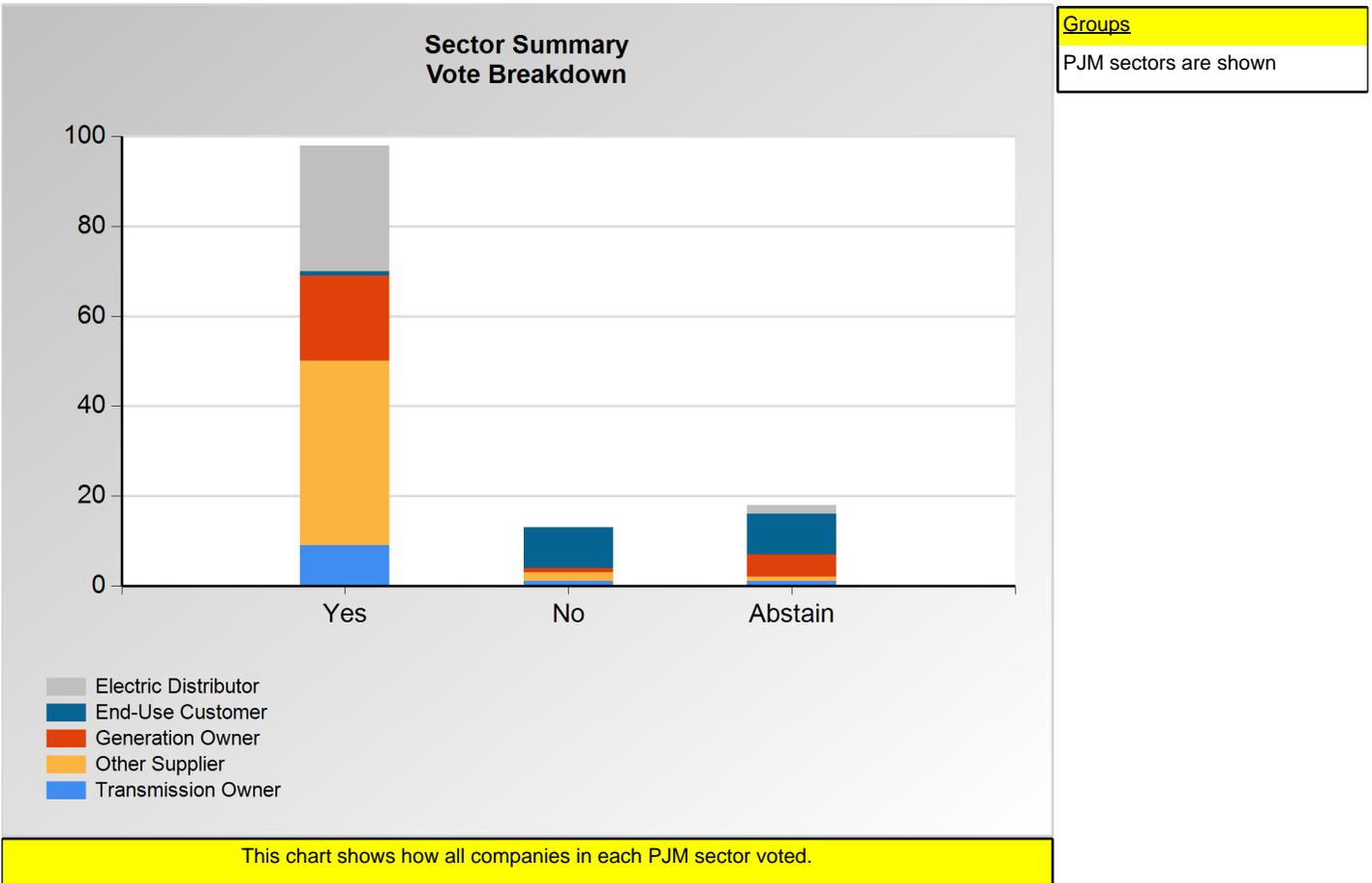
(Vote Result: PASSED)

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
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Additional Detail:

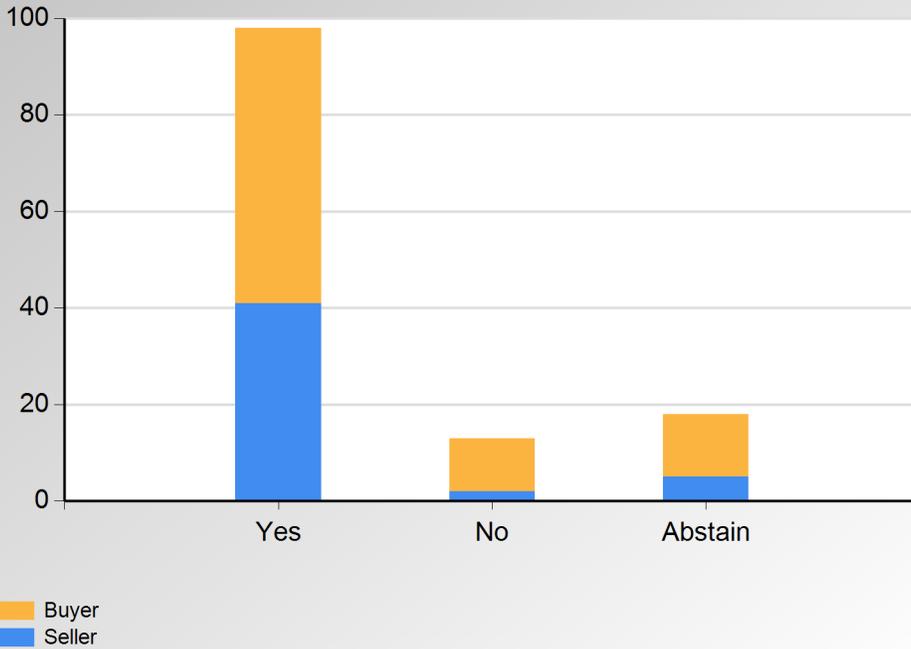
	Eligible	Attended	Did Not Vote	Yes	No	Abstain	Sector Vote In Favor	Sector Weight in Favor
End-Use Customer	36	21	2	1	9	9	10.0 %	0.100
Transmission Owner	14	12	1	9	1	1	90.0 %	0.900
Generation Owner	111	28	3	19	1	5	95.0 %	0.950
Electric Distributor	43	34	4	28	0	2	100.0 %	1.000
Other Supplier	311	49	5	41	2	1	95.3 %	0.953
Total	515	144	15	98	13	18		3.903

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

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**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	57	11	13
Seller	41	2	5

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

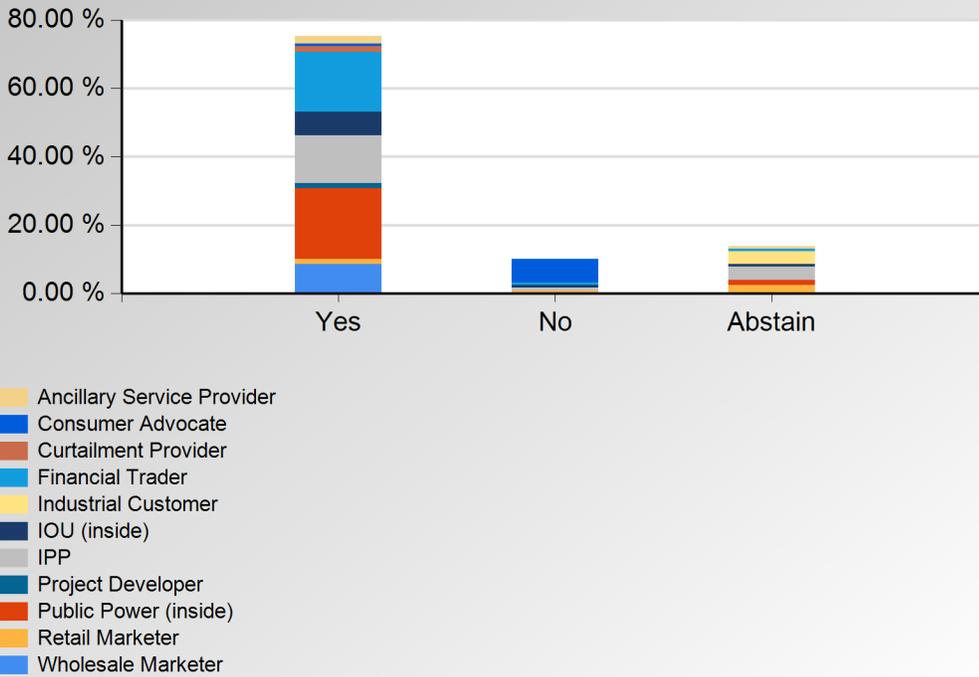
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Percentage of Total Sector-Weighted Vote per Line of Business in PJM
Percentage Vote Breakdown

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	0.71 %	0.00 %	0.91 %
Consumer Advocate	2.78 %	25.00 %	0.00 %
Curtailment Provider	0.64 %	0.00 %	0.00 %
Financial Trader	7.40 %	0.32 %	2.78 %
Industrial Customer	0.00 %	0.00 %	13.89 %
IOU (inside)	64.29 %	7.14 %	7.14 %
IPP	3.88 %	0.91 %	3.42 %
Project Developer	0.64 %	0.00 %	0.00 %
Public Power (inside)	7.63 %	0.00 %	4.65 %
Retail Marketer	1.31 %	0.32 %	0.86 %
Wholesale Marketer	2.61 %	0.00 %	0.00 %

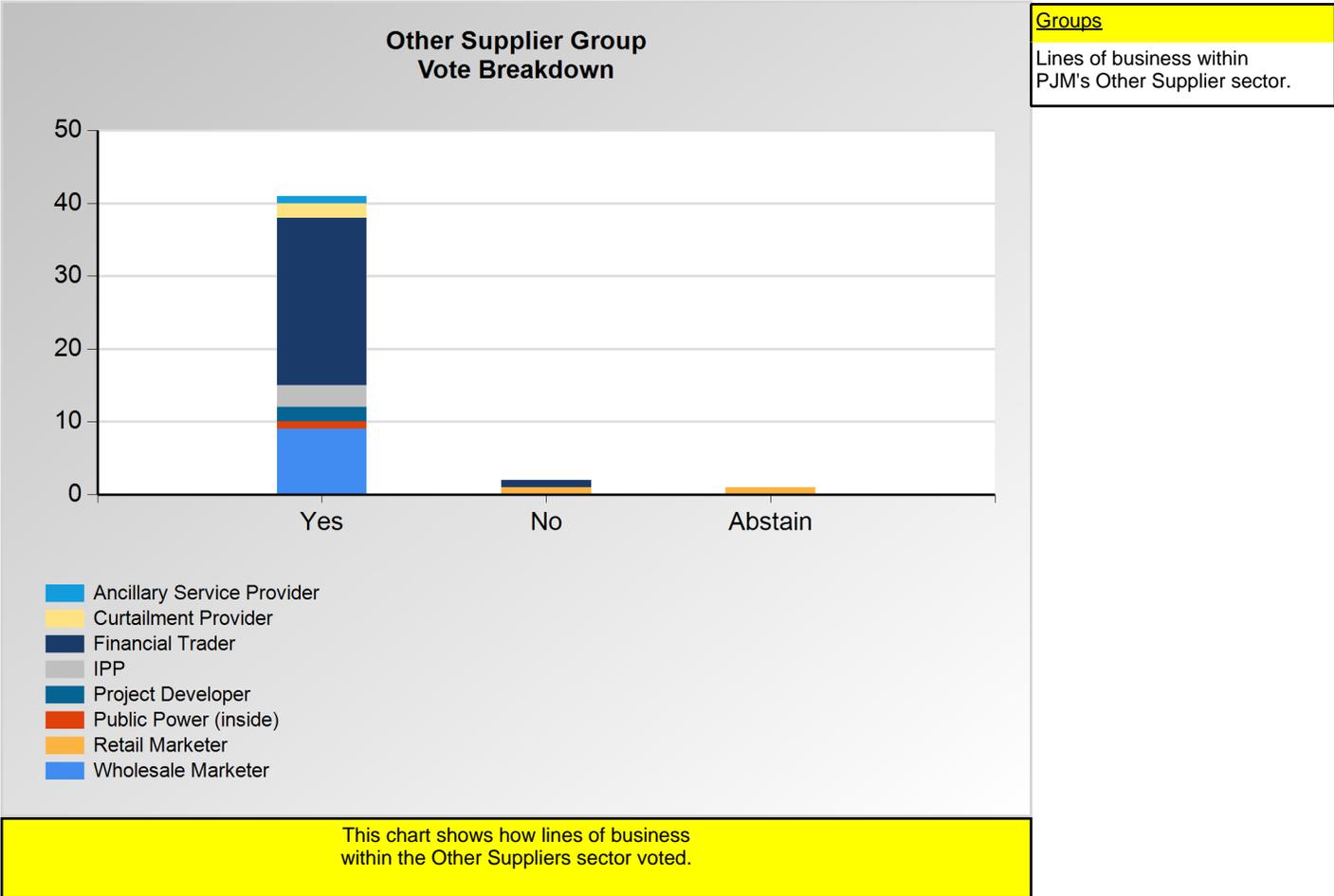
*Refer to the Company Designations table "Line of Business Designation" column to see each company's group designation found on this chart.

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.

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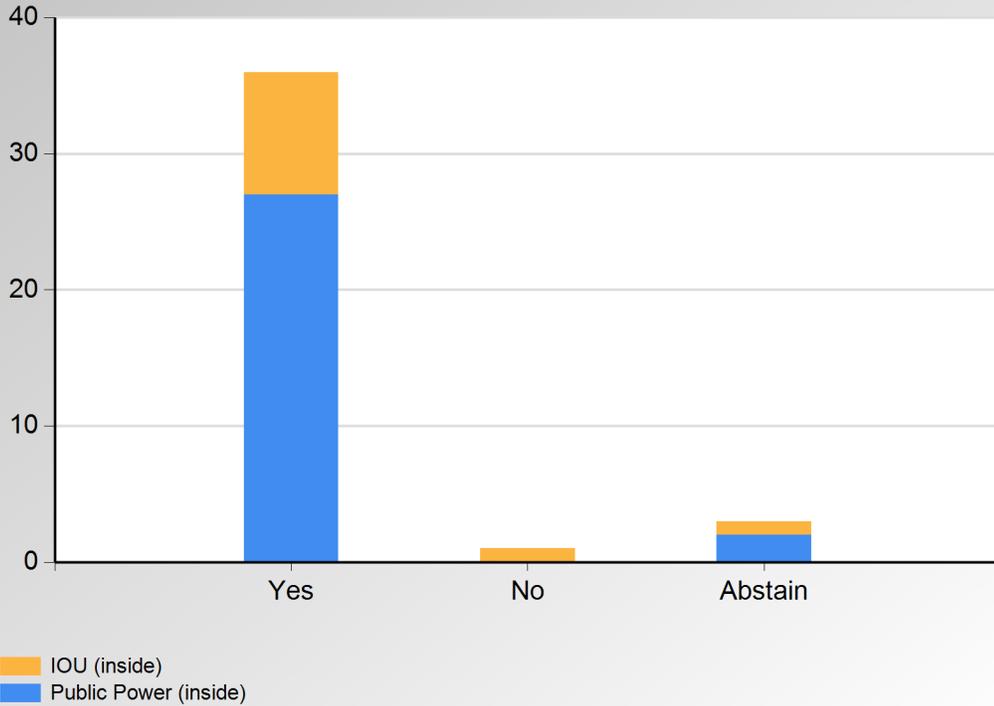
	Yes	No	Abstain
Ancillary Service Provider	1	0	0
Curtailment Provider	2	0	0
Financial Trader	23	1	0
IPP	3	0	0
Project Developer	2	0	0
Public Power (inside)	1	0	0
Retail Marketer	0	1	1
Wholesale Marketer	9	0	0

*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: 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.

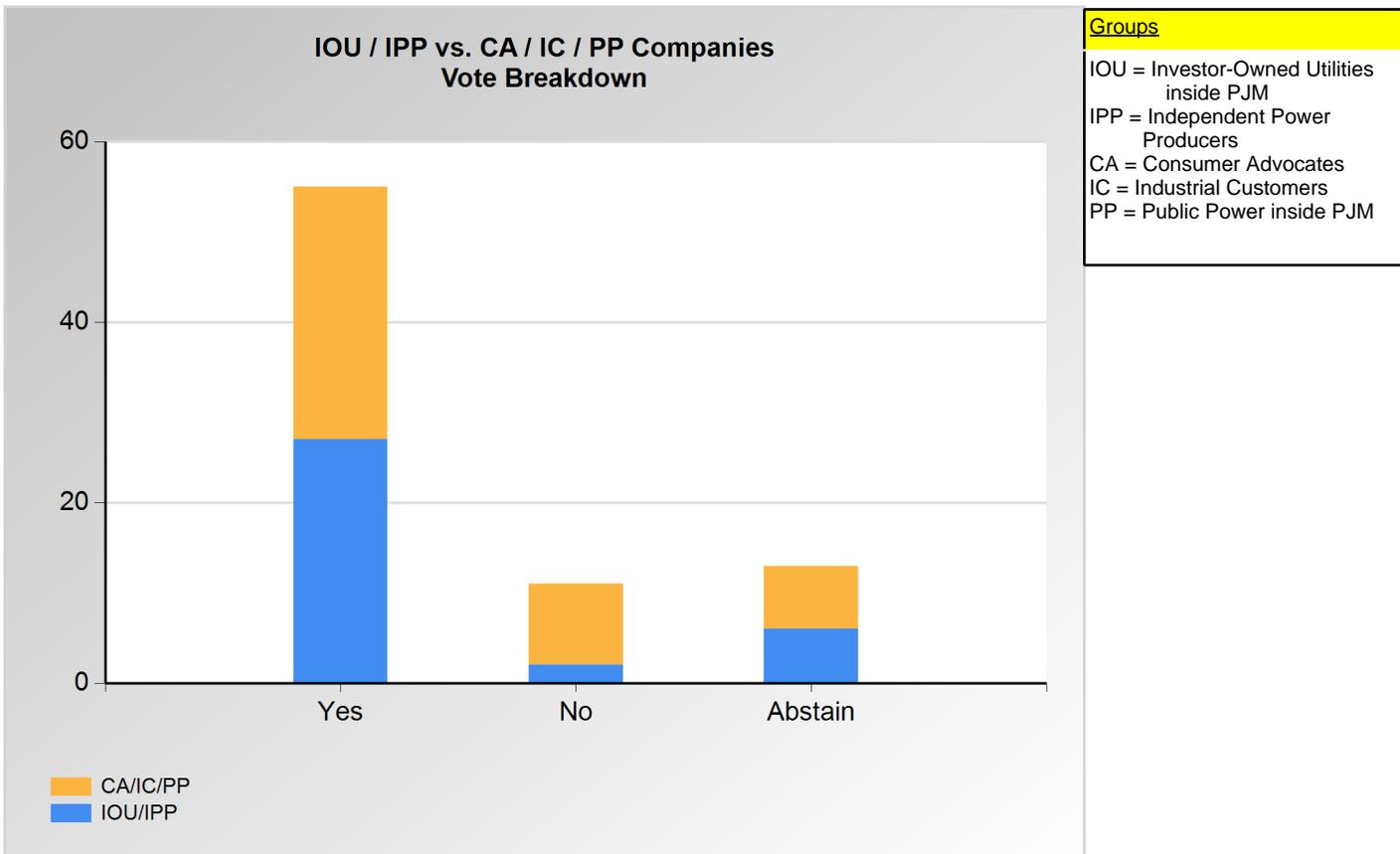
This chart shows how a subset of companies voted.
Public power entities are compared to investor-owned (IOUs) within PJM's footprint.

	Yes	No	Abstain
IOU (inside)	9	1	1
Public Power (inside)	27	0	2

*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: PASSED)



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.

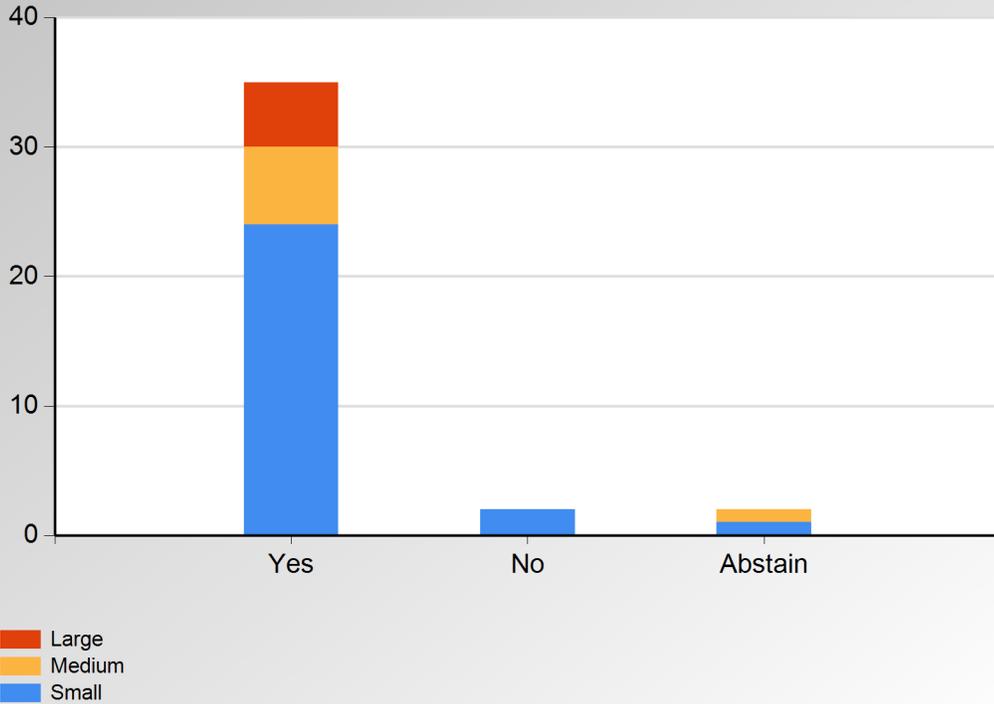
	Yes	No	Abstain
CA/IC/PP	28	9	7
IOU/IPP	27	2	6

*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: PASSED)

**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	5	0	0
Medium	6	0	1
Small	24	2	1

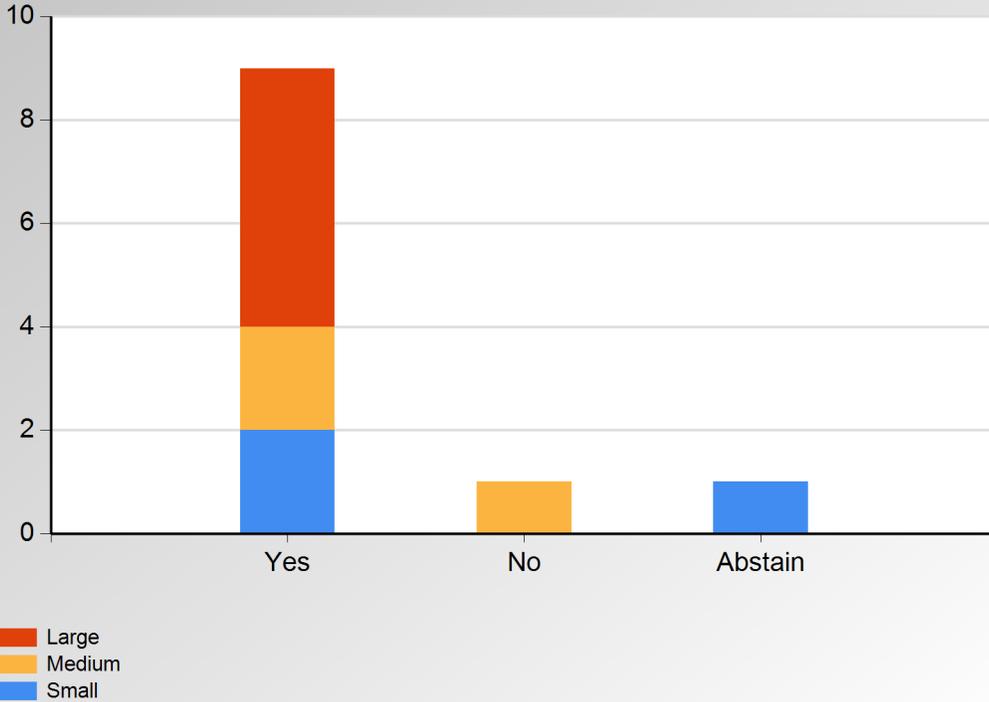
*Refer to the Company Designations table "Generation Group" column to see each company's group designation found on this chart.

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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.

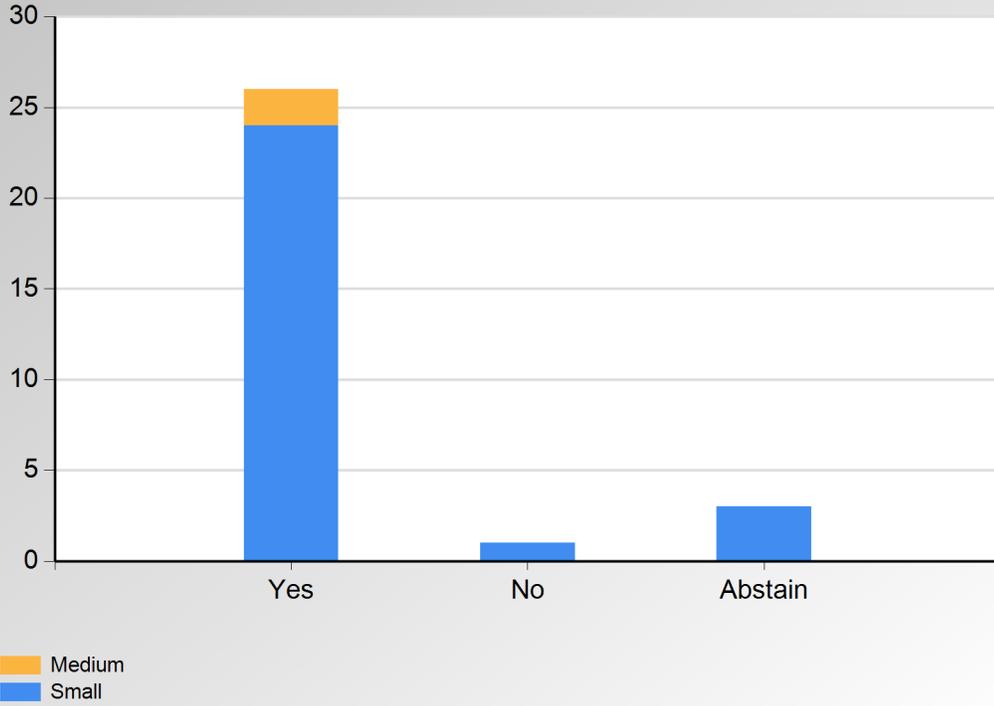
	Yes	No	Abstain
Large	5	0	0
Medium	2	1	0
Small	2	0	1

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

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**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	2	0	0
Small	24	1	3

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

SECTION 3

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

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SECTOR DETAIL VOTE BREAKDOWN

End-Use Customer			
Yes	No	Abstain	Sector Vote In Favor
1	9	9	10.0 %
Office of the Attorney General, Kentucky	Delaware Division of the Public Advocate	Air Products & Chemicals, Inc.	
	Illinois Citizen Utility Board	Cleveland-Cliffs Steel LLC	
	Indiana Office of Utility Consumer Counselor (IN OUCC)	Gerdau Ameristeel Energy, Inc.	
	Maryland Office of People's Counsel	Lehigh Portland Cement Company	
	Office of the People's Counsel for the District of Columbia	Linde Inc.	
	Ohio Consumers' Counsel	MeadWestvaco Corporation	
	Pennsylvania Office of Consumer Advocate	Messer LLC	
	Public Staff - North Carolina Utilities Commission	Procter & Gamble Paper Products Company (The)	
	West Virginia Consumer Advocate Division	Trustees of the University of Pennsylvania	
Transmission Owner			
Yes	No	Abstain	Sector Vote In Favor
9	1	1	90.0 %
American Transmission Systems, Inc.	Dayton Power & Light Company (The)	Rockland Electric Company	
Appalachian Power Company			
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 and Gas Company			
Virginia Electric & Power Company			
Generation Owner			
Yes	No	Abstain	Sector Vote In Favor
19	1	5	95.0 %
Big Savage, LLC	Wheelabrator Falls Inc.	Cypress Creek Renewables, LLC	
Calpine Energy Services, L.P.		Eastern Generation, LLC	
Carroll County Energy LLC		Kimberly-Clark Corporation	

Generation Owner			
Yes	No	Abstain	Sector Vote In Favor
19	1	5	95.0 %
Constellation Energy Generation, LLC		NRG Power Marketing LLC	
Dynegy Marketing and Trade, LLC		York County Solid Waste and Refuse Authority	
EDP Renewables North America LLC			
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			
Vitol Inc.			
Electric Distributor			
Yes	No	Abstain	Sector Vote In Favor
28	0	2	100.0 %
American Municipal Power, Inc.		Letterkenny Industrial Development Authority - PA	
Borough of Butler, Butler Electric Division		Wellsboro Electric Company	
Borough of Chambersburg			
Borough of Lavallette, New Jersey			
Borough of Madison, New Jersey			
Borough of Milltown, New Jersey			
Borough of Mont Alto, Pennsylvania			
Borough of Park Ridge, New Jersey			
Borough of Pemberton, New Jersey			
Borough of Seaside Heights, New Jersey			
Borough of South River, New Jersey			
Buckeye Power, Inc.			
City of Dover, Delaware			
Delaware Municipal Electric Corporation, Inc.			
Easton Utilities Commission			
Hagerstown Light Department			

Electric Distributor			
Yes	No	Abstain	Sector Vote In Favor
28	0	2	100.0 %
Illinois Municipal Electric Agency			
Indiana Municipal Power Agency			
Kentucky Municipal Energy Agency			
Michigan Public Power Agency			
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.			
Other Supplier			
Yes	No	Abstain	Sector Vote In Favor
41	2	1	95.3 %
Affirmed Energy LLC	Citadel FNGE Ltd.	Industrial Energy Users-Ohio	
Alphataraxia Palladium LLC	WGL Energy Services, Inc.		
Altro Power LLC			
Ames Energy, LLC			
Appian Way Energy Partners MidAtlantic, LLC			
BJ Energy, LLC			
Big Bend Trading, LLC			
Boston Energy Group, Inc.			
Brookfield Renewable Trading and Marketing LP			
DC Energy, LLC			
Elliott Bay Energy Trading, LLC			
Enel X North America, Inc.			
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			

Other Supplier			
Yes	No	Abstain	Sector Vote In Favor
41	2	1	95.3 %
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			
Shell Energy North America (US), L.P.			
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			
XO Energy MA, L.P.			

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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	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
Yes	Borough of Chambersburg	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Yes	Borough of Lavallette, New Jersey	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Yes	Borough of Madison, New Jersey	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Yes	Borough of Milltown, New Jersey	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Yes	Borough of Mont Alto, Pennsylvania	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Yes	Borough of Park Ridge, New Jersey	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Yes	Borough of Pemberton, New Jersey	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Yes	Borough of Seaside Heights, New Jersey	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Yes	Borough of South River, New Jersey	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Yes	Buckeye Power, Inc.	Electric Distributor	Muni/Co-op	Buyer	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	Indiana Municipal Power Agency	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Yes	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)
Yes	Michigan Public Power Agency	Electric Distributor	Generation	Buyer	Small	Zero	Zero	IPP
Yes	North Carolina Electric Membership Corporation	Electric Distributor	Muni/Co-op	Buyer	Small	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
Yes	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor	Muni/Co-op	Buyer	Zero	Zero	Small	Public Power (inside)
Yes	Old Dominion Electric Cooperative	Electric Distributor	Muni/Co-op	Buyer	Medium	Small	Zero	Public Power (inside)
Yes	Southern Maryland Electric Cooperative, Inc.	Electric Distributor	Muni/Co-op	Buyer	Small	Small	Small	Public Power (inside)
Yes	Thurmont Municipal Light Company	Electric Distributor	Muni/Co-op	Buyer	Zero	Zero	Zero	Public Power (inside)
Yes	Town of Williamsport (The)	Electric Distributor	Muni/Co-op	Buyer	Zero	Zero	Zero	Public Power (inside)
Yes	Vineland Municipal Electric Utility	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Yes	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)
Abstain	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
No	Delaware Division of the Public Advocate	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
Abstain	Gerdau Ameristeel Energy, Inc.	End-Use Customer	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
No	Illinois Citizen Utility Board	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
Abstain	Lehigh Portland Cement Company	End-Use Customer	Industrial	Buyer	Zero	Zero	Zero	Industrial Customer
Abstain	Linde Inc.	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
Abstain	MeadWestvaco Corporation	End-Use Customer	Generation	Buyer	Zero	Zero	Zero	IPP
Abstain	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
No	Office of the People's Counsel for the District of Columbia	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
No	Ohio Consumers' Counsel	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
Abstain	Procter & Gamble Paper Products Company (The)	End-Use Customer	Industrial	Buyer	Zero	Zero	Zero	Industrial Customer
No	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
No	West Virginia Consumer Advocate Division	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
Yes	Big Savage, 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	Carroll County Energy LLC	Generation Owner	Generation Owner/Ancillary Service Provider	Seller	Medium	Zero	Zero	Ancillary Service Provider
Yes	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	Dynergy 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
Abstain	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	Buyer	Small	Zero	Zero	IPP
Yes	Elwood Energy, LLC	Generation Owner	Generation	Seller	Zero	Zero	Zero	IPP
Yes	Energy Harbor LLC	Generation Owner	Generation	Seller	Zero	Zero	Small	IPP
Yes	Energy Harbor LLC	Generation Owner	Generation	Seller	Zero	Zero	Small	IPP
Yes	Energy Harbor LLC	Generation Owner	Generation	Seller	Zero	Zero	Small	IPP
Yes	Essential Power Rock Springs, LLC	Generation Owner	Generation	Seller	Zero	Zero	Zero	IPP
Yes	GenOn Energy Management, LLC	Generation Owner	Generation	Seller	Zero	Zero	Zero	IPP
Yes	Hazleton Generation LLC	Generation Owner	Generation	Seller	Small	Zero	Zero	IPP
Yes	Invenergy, LLC	Generation Owner	Generation	Buyer	Zero	Zero	Zero	IPP
Abstain	Kimberly-Clark Corporation	Generation Owner	Generation	Seller	Zero	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	Seller	Medium	Zero	Zero	Ancillary Service Provider
Yes	Newark Energy Center, LLC	Generation Owner	Generation	Seller	Zero	Zero	Zero	IPP
Abstain	NRG Power Marketing LLC	Generation Owner	Generation	Buyer	Medium	Zero	Zero	IPP
Yes	Riverside Generating Company, L.L.C.	Generation Owner	Power Marketer	Buyer	Zero	Zero	Zero	Wholesale Marketer
Yes	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
No	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
Yes	Affirmed Energy LLC	Other Supplier	Curtailment Service Provider/Ancillary Service Provider	Seller	Zero	Zero	Zero	Ancillary Service Provider
Yes	Alphataraxia Palladium LLC	Other Supplier	Power Marketer	Seller	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	Altro Power LLC	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Yes	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
Yes	Big Bend Trading, LLC	Other Supplier	Financial Trader	Seller	Zero	Zero	Zero	Financial Trader
Yes	BJ Energy, LLC	Other Supplier	Financial Trader	Seller	Zero	Zero	Zero	Financial Trader
Yes	Boston Energy Group, Inc.	Other Supplier	Financial Trader	Seller	Zero	Zero	Zero	Financial Trader
Yes	Brookfield Renewable Trading and Marketing LP	Other Supplier	Generation	Seller	Zero	Zero	Zero	IPP
No	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
Yes	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
Yes	Energy Cooperative Association of Pennsylvania (The)	Other Supplier	Muni/Co-op	Buyer	Zero	Zero	Zero	Public Power (inside)
Yes	Engelhart CTP (US) LLC	Other Supplier	Power Marketer	Seller	Zero	Zero	Zero	Wholesale Marketer
Yes	Forest Investment Group, LLC	Other Supplier	Financial Trader	Seller	Zero	Zero	Zero	Financial Trader
Yes	Geenex Solar LLC	Other Supplier	Project Developer	Buyer	Zero	Zero	Zero	Project Developer
Yes	Greene Energy NE LLC	Other Supplier	Financial Trader	Seller	Zero	Zero	Zero	Financial Trader
Yes	H.Q. Energy Services (U.S.), Inc.	Other Supplier	Power Marketer	Buyer	Zero	Zero	Zero	Wholesale Marketer
Yes	Hexis Energy Trading, LLC	Other Supplier	Financial Trader	Seller	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
Yes	MAG Energy Solutions, Inc.	Other Supplier	Power Marketer	Buyer	Zero	Zero	Zero	Wholesale Marketer
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	Perast Fund LP	Other Supplier	Financial Trader	Seller	Zero	Zero	Zero	Financial Trader
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	Recurrent Energy, LLC	Other Supplier	Project Developer	Buyer	Zero	Zero	Zero	Project Developer
Yes	Red Wolf TX2, LLC	Other Supplier	Financial Trader	Seller	Zero	Zero	Zero	Financial Trader
Yes	Saracen Energy East LP	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	Saugatuck River Power Trading LLC	Other Supplier	Financial Trader	Seller	Zero	Zero	Zero	Financial Trader
Yes	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
Yes	Strom Power, LLC	Other Supplier	Financial Trader	Seller	Zero	Zero	Zero	Financial Trader
Yes	Taller Cube, LLC	Other Supplier	Financial Trader	Seller	Zero	Zero	Zero	Financial Trader
Yes	Tangent Energy Solutions, Inc.	Other Supplier	Curtailement Service Provider	Seller	Zero	Zero	Zero	Curtailement Provider
Yes	The Highlands Energy Group, LLC	Other Supplier	Financial Trader	Seller	Zero	Zero	Zero	Financial Trader
Yes	Velocity American Energy Master I, L.P.	Other Supplier	Power Marketer	Seller	Zero	Zero	Zero	Wholesale Marketer
Yes	Viribus Fund LP	Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
No	WGL Energy Services, Inc.	Other Supplier	Load Serving Entity	Buyer	Zero	Zero	Small	Retail Marketer
Yes	WPPI Energy	Other Supplier	Power Marketer	Buyer	Zero	Zero	Zero	Wholesale Marketer
Yes	Wrigley Capital LLC	Other Supplier	Financial Trader	Seller	Zero	Zero	Zero	Financial Trader
Yes	XO Energy MA, L.P.	Other Supplier	Power Marketer	Buyer	Zero	Zero	Zero	Wholesale Marketer
Yes	American Transmission Systems, Inc.	Transmission Owner	Transmission Owner	Buyer	Zero	Large	Zero	IOU (inside)
Yes	Appalachian Power Company	Transmission Owner	Transmission Owner	Buyer	Large	Large	Zero	IOU (inside)
No	Dayton Power & Light Company (The)	Transmission Owner	Transmission Owner	Seller	Small	Medium	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)
Yes	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner	Transmission Owner	Buyer	Zero	Zero	Small	IOU (inside)
Yes	Public Service Electric and Gas Company	Transmission Owner	Transmission Owner	Buyer	Zero	Large	Zero	IOU (inside)
Abstain	Rockland Electric Company	Transmission Owner	Transmission Owner	Seller	Zero	Small	Zero	IOU (inside)
Yes	Virginia Electric & Power Company	Transmission Owner	Transmission Owner	Buyer	Zero	Large	Zero	IOU (inside)