#### **SUPPLEMENTAL VOTING RESULTS**

PJM Members Committee MC Meeting Date: January 23, 2025

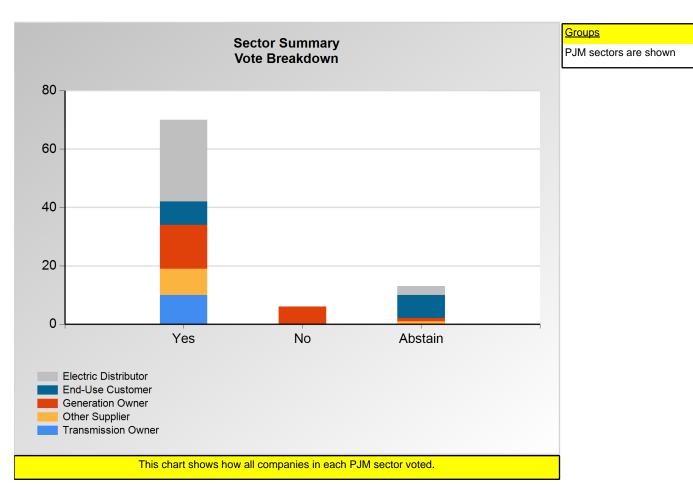
Item: 02 Do you endorse the proposed solution and corresponding Tariff revisions addressing Enhancements to Deactivation Rules?

(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.

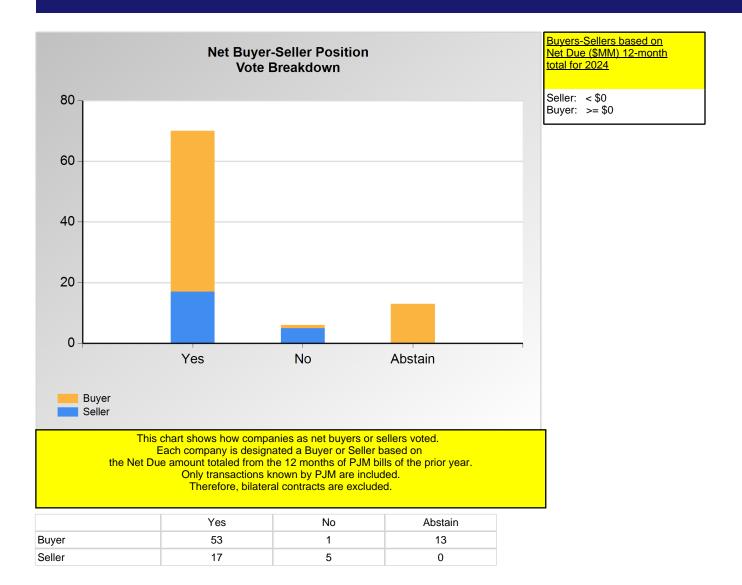
Item 02: Do you endorse the proposed solution and corresponding Tariff revisions addressing Enhancements to Deactivation Rules? (Vote Result: PASSED)



#### **Additional Detail:**

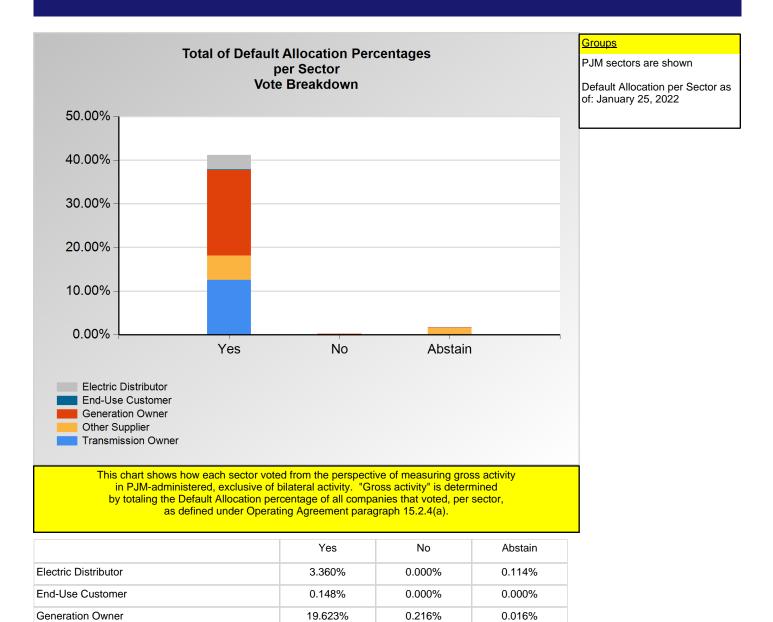
	Eligible	Attended	Did Not Vote	Yes	No	Abstain	Sector Vote In Favor	Sector Weight in Favor
End-Use Customer	32	18	2	8	0	8	100.0%	1.000
Transmission Owner	13	11	1	10	0	0	100.0%	1.000
Generation Owner	109	27	5	15	6	1	71.4%	0.714
Electric Distributor	43	32	1	28	0	3	100.0%	1.000
Other Supplier	312	11	1	9	0	1	100.0%	1.000
Total	509	99	10	70	6	13		4.714

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



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

Item 02: Do you endorse the proposed solution and corresponding Tariff revisions addressing Enhancements to Deactivation Rules? (Vote Result: PASSED)



5.537%

12.553%

Other Supplier

Transmission Owner

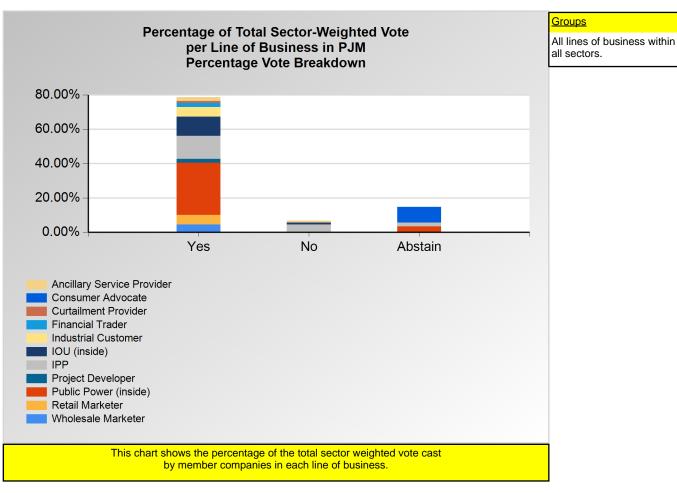
0.000%

0.000%

1.588%

0.000%

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

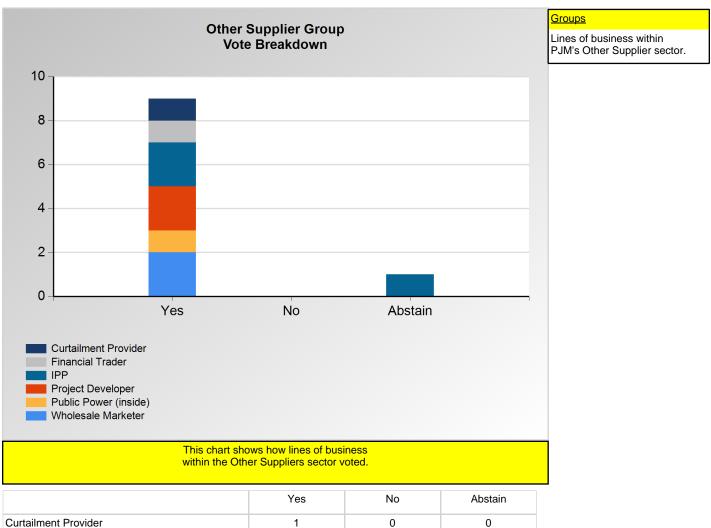


	Yes	No	Abstain
Ancillary Service Provider	1.83%	0.92%	0.00%
Consumer Advocate	0.00%	0.00%	25.00%
Curtailment Provider	0.32%	0.00%	0.00%
Financial Trader	0.58%	0.00%	0.00%
Industrial Customer	15.63%	0.00%	0.00%
IOU (inside)	76.92%	0.92%	0.00%
IPP	2.59%	3.67%	0.48%
Project Developer	0.64%	0.00%	0.00%
Public Power (inside)	7.61%	0.00%	6.98%
Retail Marketer	2.72%	0.00%	0.00%
Wholesale Marketer	0.95%	0.00%	0.00%

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

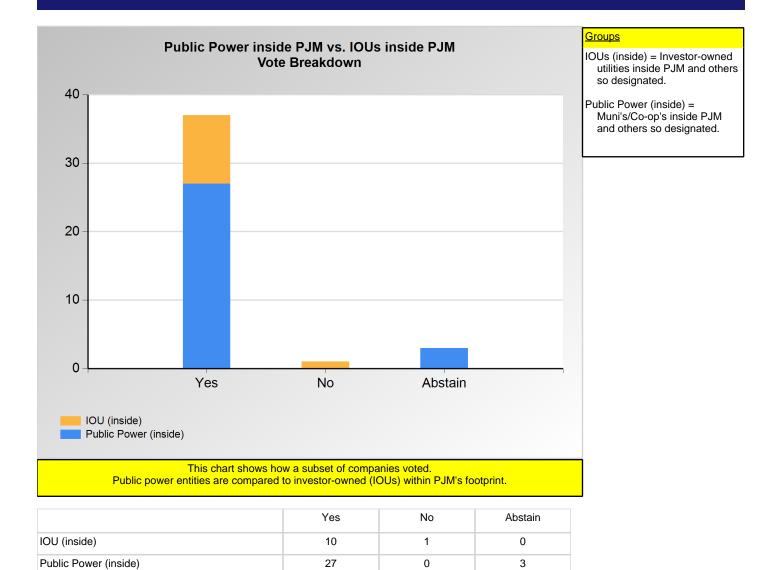
#### **SECTION 2**

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.

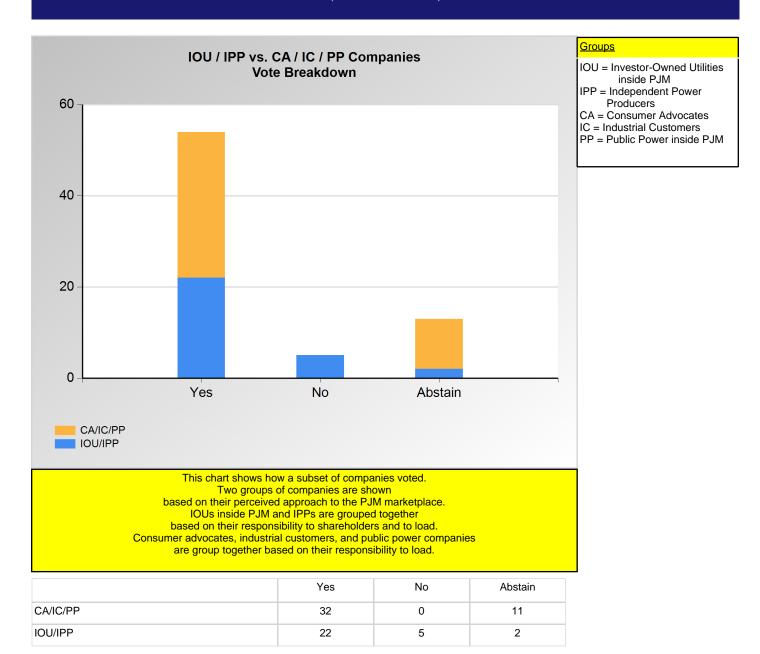


	Yes	No	Abstain
Curtailment Provider	1	0	0
Financial Trader	1	0	0
IPP	2	0	1
Project Developer	2	0	0
Public Power (inside)	1	0	0
Wholesale Marketer	2	0	0

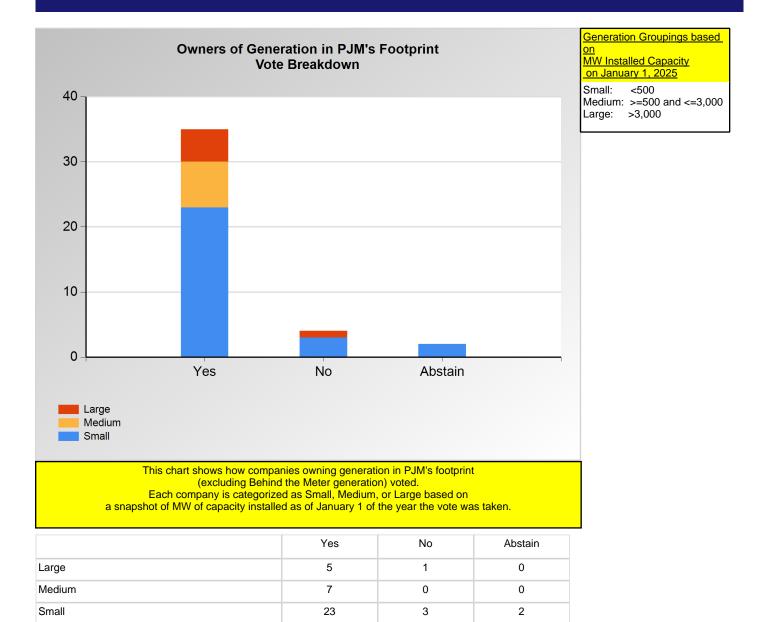
<sup>\*</sup>Refer to the Company Designations table "Line of Business Designation" column to see each company's group designation found on this chart.



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



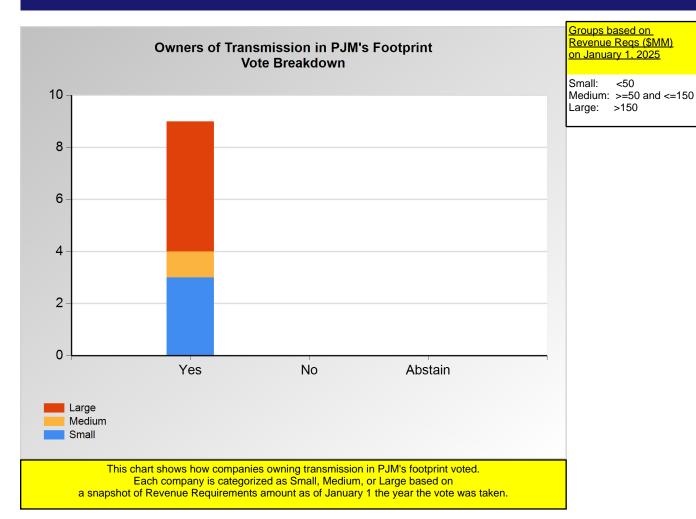
<sup>\*</sup>Refer to the Company Designations table "Line of Business Designation" column to see each company's group designation found on this chart.



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

Item 02: Do you endorse the proposed solution and corresponding Tariff revisions addressing Enhancements to Deactivation Rules? (Vote Result: PASSED)

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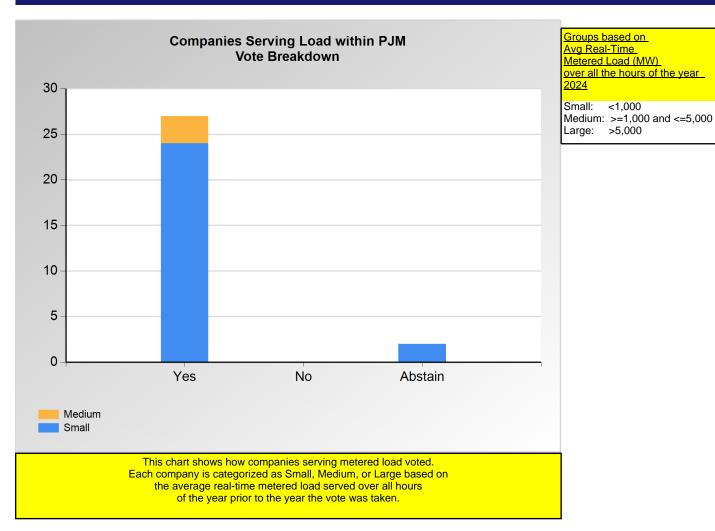


	Yes	No	Abstain
Large	5	0	0
Medium	1	0	0
Small	3	0	0

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

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Item 02: Do you endorse the proposed solution and corresponding Tariff revisions addressing Enhancements to Deactivation Rules? (Vote Result: PASSED)



	Yes	No	Abstain
Medium	3	0	0
Small	24	0	2

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

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#### **SECTION 3**

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

Item 02: Do you endorse the proposed solution and corresponding Tariff revisions addressing Enhancements to Deactivation Rules? (Vote Result: PASSED)

### SECTOR DETAIL VOTE BREAKDOWN

	End-Use Cus	stomer	
Yes	No	Abstain	Sector Vote In Favor
8	0	8	100.0%
Air Products & Chemicals, Inc.		Delaware Division of the Public Advocate	
Cleveland-Cliffs Steel LLC		Illinois Citizens Utility Board	
Gerdau Ameristeel Energy, Inc.		Indiana Office of Utility Consumer Counselor (IN OUCC)	
Lehigh Portland Cement Company		Maryland Office of People's Counsel	
Linde Inc.		Michigan Department of Attorney General, Environment, Natural Resources, & Agriculture Division	
Messer LLC		New Jersey Division of Rate Counsel	
Procter & Gamble Paper Products Company (The)		Pennsylvania Office of Consumer Advocate	
Trustees of the University of Pennsylvania		West Virginia Consumer Advocate Division	
	Transmission	Owner	
Yes	No	Abstain	Sector Vote In Favor
10	0	0	100.0%
Appalachian Power Company			
Duke Energy Business Services LLC			
Duquesne Light Company			
East Kentucky Power Cooperative, Inc.			
Exelon Business Services Company, LLC			
Monongahela Power Company			
PPL Electric Utilities Corporation d/b/a PPL Utilities			
Public Service Electric and Gas Company			
Rockland Electric Company			
Virginia Electric & Power Company			
	Generation	Owner	
Yes	No	Abstain	Sector Vote In Favor
15	6	1	71.4%
Calpine Energy Services, L.P.	Avangrid Renewables, LLC	EDP Renewables North America LLC	
Constellation Energy Generation, LLC	Big Sandy Peaker Plant, LLC		
Dynegy Marketing and Trade, LLC	Elwood Energy, LLC		

	Generation Own	er	
Yes	No	Abstain	Sector Vote In Favor
15	6	1	71.4%
Eagle Point Power Generation LLC	Essential Power Rock Springs, LLC		
Hazleton Generation LLC	Parkway Generation Operating LLC		
Hill Top Energy Center, LLC	Wheelabrator Falls Inc.		
Kimberly-Clark Corporation			
Lincoln Generating Facility, LLC			
Longview Power, LLC			
Moxie Freedom LLC			
NRG Business Marketing LLC			
Rolling Hills Generating, LLC			
Talen Energy Marketing, LLC			
Vitol Inc.			
York County Solid Waste and Refuse Authority			
	Electric Distribut	or	
Yes	No	Abstain	Sector Vote In Favor
28	0	3	100.0%
American Municipal Power, Inc.		Blue Ridge Power Agency, Inc.	
Borough of Butler, Butler Electric Division		Central Virginia Electric Cooperative	
Borough of Lavallette, New Jersey		Wabash Valley Power Association, Inc.	
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			
Illinois Municipal Electric Agency			
Indiana Municipal Power Agency			
Kentucky Municipal Energy Agency			
Letterkenny Industrial Development Authority - PA			
Michigan Public Power Agency			

	Electric Distribu	tor	
Yes	No	Abstain	Sector Vote In Favor
28	0	3	100.0%
North Carolina Electric Membership Corporation			
Northern Virginia Electric Cooperative (NOVEC)			
Old Dominion Electric Cooperative			
Southern Maryland Electric Cooperative, Inc.			
Town of Thurmont			
Town of Williamsport (The)			
Vineland Municipal Electric Utility			
Wellsboro Electric Company			
	Other Supplie	r	
Yes	No	Abstain	Sector Vote In Favor
9	0	1	100.0%
Brookfield Renewable Trading and Marketing LP		Shell Energy North America (US), L.P.	
DTE Energy Trading, Inc.			
Energy Cooperative Association of Pennsylvania (The)			
Geenex Solar LLC			
Jersey Green Energy, LLC			
NextEra Energy Marketing, LLC			
Recurrent Energy, LLC			
Tangent Energy Solutions, Inc.			
WPPI Energy			

Item 02: Do you endorse the proposed solution and corresponding Tariff revisions addressing Enhancements to Deactivation Rules? (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	American Municipal Power, Inc.	Electric Distributor	Muni/Co-op	Buyer	Zero	Zero	Zero	Public Power (inside)
Abstain	Blue Ridge Power Agency, 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 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)
Abstain	Central Virginia Electric Cooperative	Electric Distributor	Muni/Co-op	Buyer	Zero	Zero	Small	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	Small	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)
Yes	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	Seller	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	Medium	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	Town of Thurmont	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)
Abstain	Wabash Valley Power Association, Inc.	Electric Distributor	Muni/Co-op	Buyer	Small	Zero	Small	Public Power (inside)
Yes	Wellsboro Electric Company	Electric Distributor	Muni/Co-op	Buyer	Zero	Zero	Zero	Public Power (inside)
Yes	Air Products & Chemicals, Inc.	End-Use Customer	Industrial	Buyer	Zero	Zero	Zero	Industrial Customer
Yes	Cleveland-Cliffs Steel LLC	End-Use Customer	Load Serving Entity	Buyer	Zero	Zero	Zero	Retail Marketer
Abstain	Delaware Division of the Public Advocate	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
Yes	Gerdau Ameristeel Energy, Inc.	End-Use Customer	Financial Trader	Buyer	Zero	Zero	Zero	Financial Trader
Abstain	Illinois Citizens Utility Board	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
Abstain	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
Yes	Lehigh Portland Cement Company	End-Use Customer	Industrial	Buyer	Zero	Zero	Zero	Industrial Customer
Yes	Linde Inc.	End-Use Customer	Industrial	Buyer	Zero	Zero	Zero	Industrial Customer
Abstain	Maryland Office of People's Counsel	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
Yes	Messer LLC	End-Use Customer	Industrial	Seller	Zero	Zero	Zero	Industrial Customer
Abstain	Michigan Department of Attorney General, Environment, Natural Resources, & Agriculture Division	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
Abstain	New Jersey Division of Rate Counsel	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
Abstain	Pennsylvania Office of Consumer Advocate	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
Yes	Procter & Gamble Paper Products Company (The)	End-Use Customer	Industrial	Buyer	Zero	Zero	Zero	Industrial Customer
Yes	Trustees of the University of Pennsylvania	End-Use Customer	Load Serving Entity	Buyer	Zero	Zero	Small	Retail Marketer
Abstain	West Virginia Consumer Advocate Division	End-Use Customer	Consumer Advocate	Buyer	Zero	Zero	Zero	Consumer Advocate
No	Avangrid Renewables, LLC	Generation Owner	Generation	Seller	Small	Zero	Zero	IPP
No	Big Sandy Peaker Plant, LLC	Generation Owner	Transmission Owner	Seller	Small	Zero	Zero	IOU (inside)

No Essential Power Rock Springs, LLC Yes Hazleton Generation Generation Owner Generation Seller Zero Zero Zero IPP  Wes Hazleton Generation Generation Owner Generation Owner Generation Owner Contert, LLC  Yes Hill Top Energy Center, LLC Generation Owner Generation Seller Small Zero Zero IPP  Wes Lincoln Generating Facility, LLC Wes Longive Power, LLC Generation Owner Generation Seller Medium Zero Zero IPP  Wes Longive Power, LLC Generation Owner Generation Seller Medium Zero Zero IPP  Wes Moxie Freedom LLC Generation Owner Generation Seller Medium Zero Zero IPP  Wes NRG Business Generation Owner Generation Seller Medium Zero Zero IPP  Wes NRG Business Generation Owner Load Serving Entity Wes NRG Business Generation Owner Generation Seller Zero Zero Small Retail Marketer Marketing LLC  Wes Marketing LLC  Wes NRG Business Generation Owner Generation Owner Generation Seller Zero Zero Small Retail Marketer Marketing LLC  Wes Marketing LLC  Wes Rolling Hills Generation Owner Generation Owner Generation Owner Generation Owner/Ancillary Service Provider Provider  Yes Rolling Hills Generation Owner Power Marketer Seller Large Zero Zero Wholesale Marketer Developm Marketing LLC  Wes Talen Energy Generation Owner Generation Seller Large Large Zero IPP  Warketing, LLC  Generation Owner Generation Seller Small Zero Zero Wholesale Marketer Inc.  Wes Vitol Inc. Generation Owner Generation Seller Small Zero Zero Wholesale Marketer Inc.  Wes Talen Energy Coperative Advance and Retuse Authority  Wes Brockfield Renewable Trading and Marketing Other Supplier Generation Buyer Zero Zero Zero Wholesale Marketer Inc.  Wes Service Provider Seller Small Zero Zero Public Power Marketer Buyer Zero Zero Zero Public Power (inside)  Wes Generation Owner Generation Generation Seller Small Zero Zero Public Power (inside)  Wholesaler Activity Cere Supplier Seller Small Suyer Zero Zero Public Power (inside)  Wholesaler Activity	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
Generation, LLC '' Yes Display Marksting and Traide, LLC Generation Owner Generation Seller Zero Zero Zero PPP  Abstain EDP Renwalbles Generation Currer Generation Seller Small Zero Zero PPP  Abstain EDP Renwalbles Generation Owner Generation Seller Zero Zero PPP  No Elsoential Power Rock Springs, LLC Generation Owner Generation Seller Zero Zero PPP  No Essential Power Generation Generation Seller Zero Zero PPP  No Generation Owner Generation Seller Zero Zero PPP  No Generation Generation Generation Generation Seller Zero Zero PPP  No Generation Generation Generation Generation Seller Small Zero Zero PPP  No Generation Owner Generation Seller Small Zero Zero PPP  No Generation Owner Generation Seller Small Zero Zero PPP  No Generation Owner Generation Seller Small Zero Zero PPP  No Generation Generation Generation Generation Seller Small Zero Zero PPP  No Generation Generation Generation Seller Small Zero Zero PPP  No Generation Generation Generation Seller Small Zero Zero PPP  No Generation Generation Generation Seller Small Zero Zero PPP  No Generation Generation Generation Seller Small Zero Zero PPP  No Generation Generation Generation Seller Small Zero Zero PPP  No Generation Generation Generation Seller Small Zero Zero PPP  No Generation Generation Generation Seller Medium Zero Zero PPP  No Generation Generation Generation Seller Medium Zero Zero PPP  No Generation Generation Generation Seller Medium Zero Zero Small Retail Marketer Entity  No Parkway Generation Generation Generation Seller Zero Zero Small Retail Marketer Seller Large Zero Provider Marketing LC Generation Owner Generation Seller Zero Zero Provider Marketing LC Generation Owner Generation Seller Zero Zero Provider Marketing LC Generation Owner Generation Seller Seller Zero Zero Provider Marketing LC Generation Owner Generation Seller Seller Seller Large Zero Provider Marketing LC Generation Owner Generation Seller Seller Seller Seller Service Provider Marketing LC Generation Owner Generation Seller Seller Seller Seller Seller Service Provide	Yes		Generation Owner		Seller	Large	Zero	Zero	Retail Marketer
Abstain ED Renavables (Generation Owner Generation Seller Small Zero Zero IPP (Sesential Power Rock Springs, LLC)  No Essential Power Generation CLC (Generation Owner Generation Seller Zero Zero IPP (Sesential Power Rock Springs, LLC)  No Essential Power Generation Owner Generation Seller Zero Zero Zero IPP (Sesential Power Rock Springs, LLC)  Yes Hazleron Generation Generation Owner Generation Seller Zero Zero Zero IPP (Sesential Power Rock Springs, LLC)  Yes Hazleron Generation Generation Owner Generation Seller Small Zero Zero Zero IPP (Sesential Power Rock Springs, LLC)  Yes Half Top Energy Generation Owner Generation Owner Ancillary Service Provider (Center, LLC)  Yes Kimberhy-Clark Generation Owner Generation Seller Small Zero Zero IPP (Provider Provider Facility)  Yes Lincoln Generation Generation Owner Generation Seller Medium Zero Zero IPP (Sesential Provider Provider Provider Provider Provider Provider Provider Review Moxie Freedom LLC Generation Owner Generation Seller Medium Zero Zero Provider Provider Review Moxie Freedom LLC Generation Owner Generation Seller Medium Zero Zero Ancillary Service Provider Provider Review Marketing LLC Generation Owner Generation Seller Medium Zero Zero Service Provider Provider Review Marketing LLC Generation Owner Review Marketing LLC Generation Owner Entity Service Provider Review Marketing LLC Generation Owner Center Towner Seller Zero Zero Small Retail Marketer Provider Review Marketing LLC Generation Owner Center Towner Seller Zero Zero Small Retail Marketer Seller Large Zero Zero Small Retail Marketer Seller Large Zero Zero Marketing LLC Generation Owner Generation Demonstration Seller Large Large Zero Zero Wholesale Marketing LLC Seneration Owner Review Marketing LLC Seneration Owner Generation Seller Large Large Zero Zero Wholesale Marketing LLC Seneration Owner Power Marketer Seller Medium Zero Zero Provider Marketing LLC Seneration Owner Review	Yes		Generation Owner	Generation	Buyer	Large	Zero	Zero	IPP
Generation LLC No Elemenables North America LLC No Elemenables North America LLC No Elemenables North America LLC No Essential Power Rock Springs, LLC Generation Owner Generation Seller Service Service Provider Service	Yes		Generation Owner	Generation	Seller	Zero	Zero	Zero	IPP
North America LLC No Essential Power Rock Springs, LLC Yes Hazleton Generation Comer Generation Comer Comperation Comeration Comperation Comeration Comera	Yes		Generation Owner	Generation	Seller	Small	Zero	Zero	IPP
No Essential Power Rock Springs, LLC Rock Halzdoor Generation Comment	Abstain		Generation Owner	Generation	Buyer	Small	Zero	Zero	IPP
Rock Springs, LLC   Seneration Owner   Generation   Seller   Small   Zero   Zero   IPP	No	Elwood Energy, LLC	Generation Owner	Generation	Seller	Zero	Zero	Zero	IPP
LLC   Generation Owner   Generation Owner   Generation Owner   Generation Owner   Generation   Seller   Small   Zero   Zero   Ancillary Service Provider   Seller   Small   Zero   Zero   IPP	No		Generation Owner	Generation	Seller	Zero	Zero	Zero	IPP
Center, LLC   Sowner/Ancillary Service Provider   Pro	Yes		Generation Owner	Generation	Seller	Small	Zero	Zero	IPP
Corporation   Corporation   Corporation   Concention	Yes		Generation Owner	Owner/Ancillary	Buyer	Medium	Zero	Zero	Service
Facility, LLC  Longview Power, LLC  Generation Owner  Generation  Owner/Ancillary Service Provider  Yes  NRG Business Marketing LLC  Yes  NRG Business Marketing LLC  Seneration Owner  Ancillary Service Provider  Yes  NRG Business Marketing LLC  Seneration Owner  Ancillary Service Provider  Seller  Seller  Zero  Zero  Small  Retail Marketer Entity  Seller  Zero  Zero  Ancillary Service Provider  Ancillary Service Provider  Service Provider  Yes  Rolling Hills  Generation Owner  Generation Owner  Generation Owner  Generation  Owner/Ancillary Service Provider  Yes  Rolling Hills  Generation Owner  Generation Owner  Generation  Seller  Large  Zero  Zero  Wholesale Marketer  Inc.  Yes  Vitol Inc.  Generation Owner  Generation  Wheelabrator Falls  Inc.  Generation Owner  Generation  Generation  Seller  Large  Large  Zero  Zero  Wholesale Marketer  Inc.  Wholesale Marketer  Small  Zero  Zero  IPP  Wholesale Marketer  Yes  York County Solid Waste and Refuse Authority  Yes  Brookfield Renewable Trading and Marketing LP  Yes  Power Marketer  Generation  Owner  Generation  Buyer  Zero  Zero  Zero  IPP  Wholesale Marketer  Small  Zero  Zero  IPP  Wholesale Marketer  Yes  Brookfield Renewable Trading And Marketing LP  Yes  DTE Energy Trading, Other Supplier  Renewable Trading And Marketing LP  Yes  DTE Energy Trading, Other Supplier  Anni/Co-op  Buyer  Zero  Zero  Zero  Zero  Wholesale Marketer  Power Marketer  Buyer  Zero  Zero  Zero  Wholesale Marketer  Power Marketer  Buyer  Zero  Zero  Zero  Project  Power Marketer  Project Developer  Yes  Nextera Energy Green  Energy, LLC  Other Supplier  Financial Trader  Financial Trader  Financial  Trader  Yes  Nextera Energy, LLC  Other Supplier  Financial Trader  Project Developer	Yes	,	Generation Owner	Generation	Seller	Small	Zero	Zero	IPP
Moxie Freedom LLC   Generation Owner   Generation Owner/Ancillary   Service Provider	Yes		Generation Owner	Generation	Seller	Medium	Zero	Zero	IPP
Service   Service   Service   Service   Service   Provider	Yes	Longview Power, LLC	Generation Owner	Generation	Seller	Medium	Zero	Zero	IPP
Marketing LLC   Entity   Load Serving Entity   Seller   Zero   Zero   Small   Retail Marketer Entity   Seller   Zero   Zero   Small   Retail Marketer Entity   Service Provider   Seller   Large   Zero   Zero   Ancillary Service Provider   Service Provider   Seller   Large   Zero   Zero   Ancillary Service Provider	Yes	Moxie Freedom LLC	Generation Owner	Owner/Ancillary	Seller	Medium	Zero	Zero	Service
Marketing LLC  No Parkway Generation Operating LLC  Rolling Hills Generation Owner Owner Owner Owner/Ancillary Service Provider  Yes Rolling Hills Generation Owner Generation Owner Generating, LLC  Yes Talen Energy Marketing, LLC  Yes Vitol Inc. Generation Owner Power Marketer Buyer Zero Zero Wholesale Marketer  No Wheelabrator Falls Inc.  Yes Vork County Solid Waste and Refuse Authority  Yes Brookfield Renewable Trading and Marketing LP  Yes DTE Energy Trading, Inc.  Yes DTE Energy Trading, Inc.  Yes DTE Energy Cooperative Association of Power Marketer Buyer Association of Power Marketer Buyer Zero Zero Wholesale Marketer  No Wholesale Seller Large Large Zero Wholesale Seller Wholesale Seller Small Zero Zero IPP  Yes Brookfield Renewable Trading and Marketing LP  Yes DTE Energy Trading, Inc.  Yes Energy Cooperative Association of Power Marketer Buyer Zero Zero Zero Wholesale Marketer Buyer Zero Zero Zero Wholesale Marketer Power Marketer Buyer Zero Zero Zero Wholesale Marketer Power Marketer Buyer Zero Zero Zero Wholesale Marketer Power Marketer Buyer Zero Zero Zero Public Power (inside)  Yes Energy Cooperative Association of Power Supplier Project Developer Buyer Zero Zero Zero Project Developer Yes Jersey Green Other Supplier Financial Trader Buyer Zero Zero Zero Zero Financial Trader Power Marketing LLC  Yes Recurrent Energy, Other Supplier Project Developer Buyer Zero Zero Zero Zero IPP  Yes Recurrent Energy, Other Supplier Project Developer Buyer Zero Zero Zero Project Developer Power Marketing LLC  Yes Recurrent Energy, Other Supplier Project Developer Buyer Zero Zero Zero Project Project Developer Project Developer Project Developer Project Developer Project Developer Project Zero Zero Project Project Developer Project D	Yes		Generation Owner		Seller	Zero	Zero	Small	Retail Marketer
Operating LLC Owner/Ancillary Service Provider  Yes Rolling Hills Generation Owner Generating, LLC Yes Talen Energy Marketing, LLC Yes Vitol Inc. Generation Owner Owner Generation Seller Seller Seller Large Service Monitor PP  Wholesale Marketer  Yes Vitol Inc. Generation Owner Power Marketer Buyer Service Provider  Yes Vitol Inc. Generation Owner Generation Buyer Service Provider  Wholesale Marketer  No Wheelabrator Falls Inc. Generation Owner Authority Yes Proof County Solid Waste and Refuse Authority Yes Brookfield Renewable Trading and Marketing LP Yes DTE Energy Trading, Inc. Other Supplier Power Marketer Buyer Service Provider  Medium Zero Zero IPP  Wholesale Marketer  New Inc. Seller Small Jero Zero Jero IPP  Wholesale Marketer  IPP  Yes Brookfield Renewable Trading And Marketing LP Yes DTE Energy Trading, Inc. Other Supplier Power Marketer Buyer Association of Pennsylvania (The) Project Developer Buyer Association Project Developer  Yes Jersey Green Cero Cero Project Developer  Yes Jersey Green Cero Cero Cero Project Developer Financial Trader Energy, LLC Yes NextEra Energy NextE	Yes		Generation Owner		Seller	Zero	Zero	Small	Retail Marketer
Generating, LLC Yes Talen Energy Marketer Yes Vitol Inc. Generation Owner Wheelabrator Falls Inc.  No Wheelabrator Falls Inc.  Yes York County Solid Waste and Refuse Authority Yes Brookfield Renewable Trading and Marketing LP Yes DTE Energy Trading, Inc.  Yes Energy Cooperative Association of Pennsylvania (The) Yes Geenex Solar LLC  Other Supplier Yes Jersey Green Energy, LLC  Yes Jersey Green Energy, Uther Supplier  Yes Jersey Green Energy Cother Supplier  Yes Jersey Green Energy Cother Supplier  Yes Jersey Generation  Seller Small Zero Zero IPP  Small Zero Zero IPP  Wholesale Marketer  Seller Small Zero Zero Wholesale Marketer  Buyer Zero Zero Zero Wholesale Marketer  Buyer Zero Zero Zero Wholesale Marketer  Waste Zero Zero Wholesale Marketer  Waste Zero Zero Zero Public Power (inside)  Yes Genex Solar LLC  Other Supplier Project Developer  Super Zero Zero Zero Zero Project Developer  Seller Small Zero Zero Project Developer  Seller Small Zero Zero Project Developer  Seller Small Zero Zero Zero Project Developer  Seller Small Zero Zero Project Developer  Seller Small Zero Zero Project Developer  Seller Small Zero Zero Project Project Developer  Seller Small Zero Zero Zero Project Project Developer  Seller Small Zero Zero Zero Project Project Developer  Seller Small Zero Zero Zero Project Project Developer	No		Generation Owner	Owner/Ancillary	Seller	Large	Zero	Zero	Service
Marketing, LLC  Yes Vitol Inc. Generation Owner Power Marketer Buyer Zero Zero Zero Wholesale Marketer  No Wheelabrator Falls Inc.  No Wheelabrator Falls Generation Owner Inc.  Yes York County Solid Waste and Refuse Authority  Yes Brookfield Renewable Trading and Marketing LP  Yes DTE Energy Trading, Inc.  Yes Energy Cooperative Association of Pennsylvania (The)  Yes Geenex Solar LLC Other Supplier Financial Trader Energy, LLC  Yes NextEra Energy Other Supplier Generation Buyer Zero Zero Zero Zero Financial Trader Suyer Zero Zero Zero Zero Project Developer Suyer Zero Zero Zero Zero Project Project Developer Suyer Zero Zero Zero Zero Project Project Developer Suyer Zero Zero Zero Zero Project Project Project Developer Suyer Zero Zero Zero Zero Project Project Project Developer Suyer Zero Zero Zero Zero Project Project Developer Suyer Zero Zero Zero Zero Project Project Developer Suyer Zero Zero Zero Zero Financial Trader Suyer Zero Zero Zero Zero Financial Trader Suyer Zero Zero Zero Zero Project Developer Suyer Zero Zero Zero Zero Project Developer Suyer Zero Zero Zero Project Project Project Developer Suyer Zero Zero Zero Zero Project Project Project Developer Suyer Zero Zero Zero Zero Project Project Project Developer Suyer Zero Zero Zero Project Project Project Project Developer Suyer Zero Zero Zero Project Project Project Project Developer Suyer Zero Zero Zero Zero Project	Yes		Generation Owner	Power Marketer	Seller	Medium	Zero	Zero	
Marketer  No Wheelabrator Falls   Generation Owner   Generation   Buyer   Small   Zero   Zero   IPP    Yes   York County Solid   Waste and Refuse Authority   Yes   Brookfield   Renewable Trading and Marketing LP    Yes   DTE Energy Trading, Inc.   Other Supplier   Power Marketer   Buyer   Zero   Zero   Zero   Wholesale Marketer    Yes   Energy Cooperative   Association of Pennsylvania (The)    Yes   Genex Solar LLC   Other Supplier   Project Developer   Buyer   Zero   Zero   Zero   Project Developer    Yes   Jersey Green   Other Supplier   Financial Trader   Buyer   Zero   Zero   Zero   Project    Yes   NextEra Energy   Other Supplier   Generation   Buyer   Zero   Zero   Zero   Project    Yes   Recurrent Energy   Other Supplier   Froject Developer   Buyer   Zero   Zero   Zero   Zero    Yes   Recurrent Energy   Other Supplier   Project Developer   Buyer   Zero   Zero   Zero   IPP    Yes   Recurrent Energy   Other Supplier   Project Developer   Buyer   Zero   Zero   Zero   IPP    Yes   Recurrent Energy   Other Supplier   Project Developer   Buyer   Zero   Zero   Zero   IPP    Yes   Recurrent Energy   Other Supplier   Project Developer   Buyer   Zero   Zero   Zero   IPP    Yes   Recurrent Energy   Other Supplier   Project Developer   Buyer   Zero   Zero   Zero   IPP    Yes   Recurrent Energy   Other Supplier   Project Developer   Buyer   Zero   Zero   Zero   Project    Yes   Recurrent Energy   Other Supplier   Project Developer   Buyer   Zero   Zero   Zero   Project    Yes   Yes   Recurrent Energy   Other Supplier   Project Developer   Recurrent Energy   Yero   Zero   Zero   Zero   Zero   Project    Yes   Yes   Recurrent Energy   Other Supplier   Project Developer   Recurrent Energy   Yero   Zero   Zero   Zero   Project    Yes   Yero   Zero   Zer	Yes		Generation Owner	Generation	Seller	Large	Large	Zero	IPP
Inc.   Yes   York County Solid Waste and Refuse Authority   Generation Owner   Generation   Seller   Small   Zero   Zero   IPP	Yes	Vitol Inc.	Generation Owner	Power Marketer	Buyer	Zero	Zero	Zero	
Waste and Refuse Authority  Yes Brookfield Renewable Trading and Marketing LP  Yes DTE Energy Trading, Inc.  Yes Energy Cooperative Association of Pennsylvania (The)  Yes Geenex Solar LLC  Yes Jersey Green Energy, LLC  Yes NextEra Energy Marketer Other Supplier  Yes Recurrent Energy, Other Supplier  Wolfer Supplier  Power Marketer Buyer  Zero Zero Zero Wholesale Marketer  Buyer Zero Zero Zero Public Power (inside)  Yes Geenex Solar LLC  Other Supplier  Project Developer  Buyer Zero Zero Zero Project Developer  Buyer Zero Zero Zero Project Developer  Supplier  Project Developer  Supplier  S	No		Generation Owner	Generation	Buyer	Small	Zero	Zero	IPP
Renewable Trading and Marketing LP  Yes DTE Energy Trading, Inc.  Other Supplier Power Marketer Buyer Zero Zero Zero Wholesale Marketer  Yes Energy Cooperative Association of Pennsylvania (The)  Yes Geenex Solar LLC Other Supplier Project Developer Buyer Zero Zero Zero Project Developer  Yes Jersey Green Energy, LLC  Yes NextEra Energy Marketing, LLC  Yes Recurrent Energy, Other Supplier Project Developer Buyer Zero Zero Zero Zero Project Developer  Small Zero Zero Project Developer  Small Zero Zero Project  PP  Yes Recurrent Energy, Other Supplier Project Developer Buyer Zero Zero Zero Project  PP  Yes Recurrent Energy, Other Supplier Project Developer Buyer Zero Zero Zero Project	Yes	Waste and Refuse	Generation Owner	Generation	Seller	Small	Zero	Zero	IPP
Inc.    Inc.   Marketer	Yes	Renewable Trading	Other Supplier	Generation	Buyer	Zero	Zero	Zero	IPP
Association of Pennsylvania (The)  Yes Geenex Solar LLC Other Supplier Project Developer Buyer Zero Zero Zero Project Developer  Yes Jersey Green Energy, LLC  Yes NextEra Energy Marketing, LLC  Yes Recurrent Energy, Other Supplier Project Developer Buyer Zero Zero Zero IPP  Small Zero Zero IPP  Warketing LLC  Yes Recurrent Energy, Other Supplier Project Developer Buyer Zero Zero Zero Project	Yes	. 0,	Other Supplier	Power Marketer	Buyer	Zero	Zero	Zero	
Yes Jersey Green Energy, LLC Yes NextEra Energy Marketing, LLC Yes Recurrent Energy, Other Supplier Project Developer Buyer Zero Zero Zero Project  Yes Developer  Small Zero Zero IPP  Small Zero Zero Project	Yes	Association of	Other Supplier	Muni/Co-op	Buyer	Zero	Zero	Zero	
Energy, LLC  Yes NextEra Energy Marketing, LLC  Yes Recurrent Energy, Other Supplier Project Developer Buyer Zero Zero Project	Yes	Geenex Solar LLC	Other Supplier	Project Developer	Buyer	Zero	Zero	Zero	,
Marketing, LLC  Yes Recurrent Energy, Other Supplier Project Developer Buyer Zero Zero Project	Yes		Other Supplier	Financial Trader	Buyer	Zero	Zero	Zero	
	Yes		Other Supplier	Generation	Buyer	Small	Zero	Zero	IPP
	Yes		Other Supplier	Project Developer	Buyer	Zero	Zero	Zero	,

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	Shell Energy North America (US), L.P.	Other Supplier	Generation	Buyer	Zero	Zero	Zero	IPP
Yes	Tangent Energy Solutions, Inc.	Other Supplier	Curtailment Service Provider	Seller	Zero	Zero	Zero	Curtailment Provider
Yes	WPPI Energy	Other Supplier	Power Marketer	Seller	Zero	Zero	Zero	Wholesale Marketer
Yes	Appalachian Power Company	Transmission Owner	Transmission Owner	Buyer	Large	Large	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	Large	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	Monongahela Power Company	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)
Yes	Rockland Electric Company	Transmission Owner	Transmission Owner	Buyer	Zero	Small	Small	IOU (inside)
Yes	Virginia Electric & Power Company	Transmission Owner	Transmission Owner	Buyer	Zero	Large	Zero	IOU (inside)