
NYISO Business Issues Committee Meeting Minutes
August 11, 2021
10:00 a.m. – 11:55 a.m.

1. Introductions, Meeting Objectives, and Chairman’s Report

Mr. John Marczewski (East Coast Power) called the meeting to order at 10:00 a.m. The members of the BIC identified themselves and attendance was recorded. A quorum was determined.

2. Draft June 23, 2021 and July 14, 2021 BIC Minutes

There were no questions or comments regarding the draft minutes from the June 23, 2021 and July 14, 2021 BIC meetings included as part of the meeting material.

Motion #1:

Motion to approve the June 23, 2021 and July 14, 2021 BIC meeting minutes.

Motion passed unanimously.

3. Market Operations Report

Mr. Rana Mukerji (NYISO) stated that due to the early timing of the meeting within the month, the market performance highlights were not yet available for review. It was further noted that the Market Operations Report would be posted as part of the meeting material once available.

4. Transmission Congestion Contracts Manual Revisions

Mr. Greg Williams (NYISO) reviewed the presentation included with the meeting material. There were no questions or comments.

Motion #2:

The Business Issues Committee (BIC) hereby approves the revisions to the Transmission Congestion Contracts Manual, as more fully described in the presentation entitled “Transmission Congestion Contracts Manual Revisions” made to the BIC on August 11, 2021. The revisions approved by the BIC shall become effective on October 15, 2021.

Motion passed unanimously with an abstention.

5. Mechanism to Implement Right of First Refusal (ROFR) for Upgrades within the Public Policy Transmission Planning Process

Ms. Yachi Lin (NYISO) reviewed the presentation included with the meeting material.

Mr. Mike Mager (Couch White) asked for clarification regarding the rationale for structuring the proposal to include an implicit assumption that a transmission owner will exercise its right of first refusal (ROFR) over upgrades to its existing transmission facilities unless the affected transmission owner otherwise expressly declines to exercise its ROFR. Mr. Brian Hodgdon (NYISO) clarified that the NYISO has structured the operation of proposal for alignment with the ISO-TO Agreement that reserves the right of the transmission owners to undertake upgrades to their respective transmission facilities.

Mr. Howard Fromer (Bayonne Energy Center) asked for clarification regarding whether a developer is required to provide an anticipated schedule and estimated cost for upgrades subject to a ROFR as part of its project proposal. Ms. Lin clarified that a developer's proposal will be required to include a cost estimate for upgrades subject to a ROFR and an overall anticipated schedule for its project proposal. Ms. Lin further clarified that the independent consultant utilized as part of the evaluation and selection process will consider all components of the project proposal submitted by a

developer, including any upgrades subject to a ROFR, in developing its independent cost estimate and schedule for the developer's proposed project.

Mr. Fromer, Mr. Kevin Lang (Couch White), and Mr. Mager requested clarification regarding which entity would be responsible for delays to the overall project schedule and/or incremental project costs that may result from the development of upgrades for which a transmission owner has exercised its ROFR. Ms. Lin noted that responsibility for any such cost increases or project schedule delays attributable to project delays that could arise from the activities of a transmission owner in completing upgrades for which it has elected to exercise its ROFR would be determined on a case-by-case basis. Mr. Carl Patka (NYISO) noted that if a transmission owner exercises its ROFR for an upgrade that is a component of another developer's project proposal, such upgrade would be subject to a separate development agreement and that ultimate responsibility for any incremental costs or project schedule delays would need to be determined on a case-by-case basis given the facts and circumstances at hand, including consideration of the project and nature of the issue, the affected development agreement(s), and the nature of any cost caps that may have been submitted as part of the bid for a selected project.

Ms. Doreen Saia (Greenberg Traurig) recommended that the NYISO consider clarifying as part of any filing to the Federal Energy Regulatory Commission (FERC) related to the proposal whether potential risks undertaken by a developer in proposing a cost cap for a project proposal include the risk of incremental costs and/or project delays that may arise from the actions of a transmission owner in pursuing an upgrade for which it has exercised any applicable ROFR. Mr. Michael Messonnier (Hunton Andrews Kurth) noted that the tariff revisions proposed by the NYISO do allow a developer the opportunity to exclude from any cost cap submitted as part of its project proposal the incremental costs and/or schedule delays that may arise for its projects based on the actions of a third party which could include a transmission owner that has exercised its ROFR over an upgrade that is a component of the developer's proposed project.

Mr. Fromer, Mr. Lang, and Mr. Mager expressed concerns that the proposal does not satisfactorily address the potential impacts to transmission customers with respect to incremental costs and/or project delays that could arise from actions by a transmission owner in undertaking an upgrade for which it has exercised an applicable ROFR.

Mr. Lang asked for clarification regarding whether a transmission owner could elect to exercise its ROFR over an upgrade and subsequently assign responsibility for such upgrade to a third party. Ms. Lin noted that the development agreement includes provisions that address rights for a party to assign its obligations under the agreement, which includes a requirement for NYISO approval and subjects any permissible assignee to all the terms and conditions of such agreement. Mr. Lang expressed concerns that potential rights for subsequent assignment by a transmission owner that has exercised an applicable ROFR over an upgrade may present opportunities for a transmission owner to exercise rights that it ultimately does not intend to pursue.

Mr. Lang asked for clarification regarding whether the NYISO's proposal would require a transmission owner that exercises its ROFR over an upgrade to enter into a development agreement for any such upgrade. Ms. Lin stated that a transmission owner that elects to exercise its ROFR for an upgrade that it is a component of a selected project would be required to enter into a development agreement for such upgrade.

Mr. Fromer asked for clarification regarding the process for scheduling outages related to project components that may be being undertaken by different entities. Ms. Lin stated that the NYISO has existing processes for the scheduling of facility outages that would apply, and clarified that the proposal does not include any revisions to such existing processes.

Mr. Dave Clarke (LIPA) noted that the potential for transmission owners to elect to exercise an applicable ROFR over an upgrade that is a component of a project proposal highlights the importance of ensuring that the evaluation of project proposals and their schedules for completion carefully consider the implications of an exercise of an applicable ROFR over an upgrade that is a component of the project.

Mr. Stu Caplan (Troutman Pepper) noted that the NYISO's proposal is responsive to the determinations made by the FERC with respect to the existence of a ROFR as it relates to upgrades that are a component of a project proposal submitted as part of the Public Policy Transmission Planning Process (PPTPP). Mr. Caplan further noted that the ROFR also extends to other transmission planning processes that are not addressed as part of the immediate proposal. Mr. Caplan stated that after careful consideration of the proposal the New York Transmission Owners support it as a means of appropriately recognizing the existing ROFR within the context of the PPTPP and look forward to expeditiously addressing the FERC-recognized ROFR as it relates to other NYISO transmission planning processes.

Ms. Saia asked for clarification regarding whether any proposal submitted by the NYISO to FERC would expressly indicate the intent to apply the proposed revisions to the Public Policy Transmission Need (PPTN) currently under consideration related to facilitating the delivery of power from offshore wind facilities. Mr. Hodgdon stated that the NYISO intends the proposed revisions to apply to the PPTN currently under consideration related to facilitating the delivery of power from offshore wind facilities.

Mr. Mager and Mr. Lang noted overall concerns that broad definition of upgrades within the context of the PPTPP and the potential for transmission owners to exercise of an applicable ROFR may have detrimental impacts on the competitiveness of the project solicitation process, as well as undermine the benefits for consumers that were intended by the implementation of the opportunity to submit cost capping mechanisms as part of project proposals within the PPTPP. As a result of such concerns, Mr. Mager and Mr. Lang noted that they would be opposing the NYISO's proposal on behalf of Multiple Intervenors and the City of New York, respectively.

Mr. Marc Montalvo (UIU) noted appreciation for the robust discussion about the NYISO proposal and indicated that the UIU is continuing to consider the proposal and, therefore, will be abstaining from the vote on the proposal.

Motion#3:

The Business Issues Committee ("BIC") hereby recommends that the Management Committee approve and recommend that the Board of Directors approve the revisions to Sections 6.10, 22, 31.1, 31.4, 31.5, 31.6, and 31.7 of the Open Access Transmission Tariff ("OATT"), as more fully described in the presentation entitled "Mechanism to Implement Transmission Owners' ROFR over Upgrades in the Public Policy Transmission Planning Process" as presented and discussed at the August 11, 2021 BIC meeting.

*Motion passed with 64.91% affirmative votes.**

*National Grid was unable to cast a vote on the motion, but requested that the minutes note that National Grid supports the NYISO's proposal and would have voted to approve the motion.

6. Working Group Updates

- Billing and Accounting and Credit Working Group: The group met on July 23, 2021 and reviewed: (1) the standard accounting/settlement reports; and (2) an overview of the upcoming market trials related to the software enhancements for the co-located storage resource participation model.
- Electric System Planning Working Group: The group has met twice since the last BIC meeting. The group met on July 23, 2021 and reviewed: (1) key study assumptions for the short-term assessment of reliability study for Q3 2021; (2) proposed revisions to the Economic Planning Process Manual to address the recent enhancements to the Economic Planning Process; (3) a presentation by Con Edison regarding updates to its local transmission plan; (4) a presentation by NEET New York to provide an update regarding the status of its transmission upgrade project selected in response to the Western New York Public Policy Transmission Need (PPTN); (5) presentations by LS Power and NYPA, and New York Transco to provide an update regarding the status of the transmission upgrade projects selected in response to the AC Transmission PPTN; and (6) a proposal to clarify and implement the federal right of first refusal of transmission owners within the context of the Public Policy Planning Process. The group also met on August 2, 2021 and reviewed: (1) a presentation by Equinor to provide an update regarding the status of the Empire Wind offshore wind facility; and (2) a proposal to clarify and implement the federal right of first refusal of transmission owners within the context of the Public Policy Planning Process.

- Installed Capacity Working Group: The group has met jointly with MIWG and/or PRLWG six times since the last BIC meeting. On July 16, 2021, the group met and reviewed the proposal for compliance with FERC Order No. 2222 related to the participation of distributed energy resource aggregations in the wholesale markets. The group met on July 22, 2021 and reviewed key assumptions for the buyer-side Installed Capacity market mitigation assessments related to the second expedited deliverability study of 2020. The group met on July 27, 2021 and reviewed: (1) potential changes to the peak load hours utilized in allocating capacity requirements among Load Serving Entities; and (2) potential enhancements to the current rules governing the expiration and transfer of Capacity Resource Interconnection Service. On August 5, 2021, the group met and reviewed proposed reforms to the buyer-side Installed Capacity market mitigation rules and related enhancements to the current capacity accreditation rules. The group met on August 9, 2021 and reviewed proposed reforms to the buyer-side Installed Capacity market mitigation rules and related enhancements to the current capacity accreditation rules. The group also met on August 10, 2021 and reviewed: (1) an overview of upcoming outreach to Market Participants for informal discussions with the NYISO's Market Design group, and (2) considerations regarding the development of a participation model for aggregations of hybrid storage resources.
- Load Forecasting Task Force: The group met on July 21, 2021 and reviewed: (1) an update regarding peak loads experienced to date during the ongoing 2021 Summer Capability Period; (2) the impact of behind-the-meter solar on the peak load hour and load forecast uncertainty modeling; and (3) an analysis of historical load duration curves for behind-the-meter solar from 2012 through 2020.
- Market Issues Working Group: The group has met jointly with ICAPWG and/or PRLWG five times since the last BIC meeting. The group met on July 16, 2021 and reviewed the proposal for compliance with FERC Order No. 2222 related to the participation of distributed energy resource aggregations in the wholesale markets. On July 22, 2021, the group met and reviewed: (1) an update to the proposed methodology for conducting a consumer impact analysis related to the results of the study to evaluate the provision of grid reliability services by renewable generation resources; and (2) a proposal to exempt 20 MW and smaller solar generation facilities from the requirement to report certain meteorological data to the NYISO. The group met on July 27, 2021 and reviewed proposed revisions to the Transmission Congestion Contracts Manual. On August 3, 2021, the group met and reviewed: (1) proposed manual revisions (i.e., Ancillary Services Manual, Day-Ahead Scheduling Manual, and Transmission and Dispatch Operations Manual) related to the recently implemented reserve shortage pricing enhancements, and enhancements to the 30-minute reserve requirement in the Southeastern New York reserve region; and (2) proposed manual revisions (i.e., Ancillary Services Manual, Day-Ahead Scheduling Manual, and Transmission and Dispatch Operations Manual) related to the co-located storage resource participation model. The group also met on August 10, 2021 and reviewed: (1) an overview of upcoming outreach to Market Participants for informal discussions with the NYISO's Market Design group, and (2) the consumer impact analysis related to the results of the study to evaluate the provision of grid reliability services by renewable generation resources.
- Price Responsive Load Working Group: The group has met jointly with ICAPWG and/or MIWG six times since the last BIC meeting (i.e., July 16, 2021, July 22, 2021, August 3, 2021, August 5, 2021, August 9, 2021, and August 10, 2021). At each meeting, the group reviewed the agenda topics related to distributed energy resources, energy storage resources and/or the NYISO-administered demand response programs.

7. New Business

There was no new business.

Meeting adjourned at 11:55 a.m.

Business Issues Committee Meeting

August 11, 2021

Final Motions

Motion #1:

Motion to approve the June 23, 2021 and July 14, 2021 BIC Meeting Minutes.

Motion passed unanimously.

Motion #2:

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Motion passed unanimously with an abstention.

Motion#3:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee approve and recommend that the Board of Directors approve the revisions to Sections 6.10, 22, 31.1, 31.4, 31.5, 31.6, and 31.7 of the Open Access Transmission Tariff (“OATT”), as more fully described in the presentation entitled “Mechanism to Implement Transmission Owners’ ROFR over Upgrades in the Public Policy Transmission Planning Process” as presented and discussed at the August 11, 2021 BIC meeting.

Motion passed with 64.91% affirmative votes.

New York Independent System Operator
Business Issues Committee - August 11, 2021

Motion: Motion #Upgrade Motion

Result: Motion Passed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against	
Generation Owners	21.50	✓	✓	21.50	0.00	0.00	5.00	0.00	0.00	
Other Suppliers	21.50	✓	✓	21.50	0.00	0.00	7.00	0.00	0.00	
Transmission Owners	20.00	✓	✓	20.00	3.00	0.00	1.00	20.00	0.00	
End Use Consumer			✓							
Large Consumer	9.00	✓		9.00	0.00	4.00	0.00	0.00	15.50	
Large Cons. Gov. Agency	2.00	✓		2.00	0.00	0.00	0.00	0.00	0.00	
Small Consumer	4.50	✓	✓	4.50	0.00	0.00	5.00	0.00	0.00	
Gov. State-wide Cons. Advocate	2.70	✓		2.70	0.00	0.00	1.00	0.00	0.00	
Gov. Sm. Cons. & Retail Aggr.	1.80	✓		1.80	0.00	2.00	0.00	0.00	4.50	
Public Power			✓							
State Power Authorities	8.00	✓		9.07	2.00	0.00	0.00	17.00	0.00	
Munis & Co-ops	7.00	✓		7.93	0.00	0.00	3.00	0.00	0.00	
Environmental	2.00	✓		0.00	0.00	0.00	0.00	0.00	0.00	
				5	100.00	5.00	6.00	22.00	37.00	20.00
					100.00	Normalize to 100% :		64.91	35.09	

New York Independent System Operator
Business Issues Committee - August 11, 2021

Motion: Motion #Upgrade Motion

Result: Motion Passed

Sector	Organization	Representative	Affiliate	Present	For	Against
Generation Owners	Indeck Energy Services, Inc.	Younger, Mark	N	Y	0.00	0.00
Generation Owners	Astoria Energy LLC		N	N	0.00	0.00
Generation Owners	Calpine		N	N	0.00	0.00
Generation Owners	CPV Valley LLC		N	N	0.00	0.00
Generation Owners	East Coast Power, LLC	Marczewski, John	N	Y	0.00	0.00
Generation Owners	Entergy Nuclear Northeast	Saia, Doreen	N	Y	0.00	0.00
Generation Owners	Innovative Energy Systems		Y	N	0.00	0.00
Generation Owners	Selkirk Cogen Partners, LP		N	N	0.00	0.00
Generation Owners	EDP Renewables North America LLC		N	N	0.00	0.00
Generation Owners	Cricket Valley Energy Center		Y	N	0.00	0.00
Generation Owners	Invenergy Energy Management LLC		N	N	0.00	0.00
Generation Owners	National Grid Generation LLC		Y	N	0.00	0.00
Generation Owners	Howard Wind LLC		N	N	0.00	0.00
Generation Owners	Bayonne Energy Center, LLC		Y	N	0.00	0.00
Generation Owners	Helix Ravenswood LLC	Galarneau, Kenneth	N	Y	0.00	0.00
Generation Owners	Cypress Creek Renewables		N	N	0.00	0.00
Generation Owners	Danskammer Energy, LLC		N	N	0.00	0.00
Generation Owners	Empire Generating Co, LLC		Y	N	0.00	0.00
Generation Owners	Covanta Niagara, LP		N	N	0.00	0.00
Generation Owners	Key Capture Energy		N	N	0.00	0.00
Generation Owners	GlidePath Power Solutions LLC		N	N	0.00	0.00
Generation Owners	North East Offshore, LLC		N	N	0.00	0.00
Generation Owners	Borrego Solar Systems, Inc.		N	N	0.00	0.00
Generation Owners	Valcour Wind Energy LLC		N	N	0.00	0.00
Generation Owners	GenOn Bowline, LLC	Younger, Mark	N	Y	0.00	0.00
Generation Owners	MPH Rockaway Peakers, LLC		N	N	0.00	0.00
Other Suppliers	BJ Energy LLC		N	N	0.00	0.00
Other Suppliers	Citigroup Energy Inc.		N	N	0.00	0.00
Other Suppliers	Constellation New Energy		Y	N	0.00	0.00
Other Suppliers	Cross Sound Cable Company, LLC		N	N	0.00	0.00
Other Suppliers	DC Energy		N	N	0.00	0.00
Other Suppliers	DTE Energy		N	N	0.00	0.00
Other Suppliers	Energy Spectrum	Ahrens, David	N	Y	0.00	0.00
Other Suppliers	Galt Power	Ackerman, Alan	N	Y	0.00	0.00
Other Suppliers	HQ Energy Services US	Plante, Matthieu	N	Y	0.00	0.00
Other Suppliers	Morgan Stanley Capital Group, Inc.		N	N	0.00	0.00
Other Suppliers	NRG Power Marketing Inc.		N	N	0.00	0.00
Other Suppliers	Ontario Power Generation, Inc.		N	N	0.00	0.00
Other Suppliers	Exelon Generating Co. LLC		N	N	0.00	0.00
Other Suppliers	PSEG Energy Resource & Trade, LLC		N	N	0.00	0.00
Other Suppliers	SESCO Enterprises, LLC		N	N	0.00	0.00
Other Suppliers	Shell Energy North America, LLC		N	N	0.00	0.00
Other Suppliers	BP Energy Company	Ackerman, Alan	N	Y	0.00	0.00
Other Suppliers	NextEra Energy	Dietrich, Cheryl	N	Y	0.00	0.00
Other Suppliers	Innoventive Power		N	N	0.00	0.00
Other Suppliers	Vitol Inc.		N	N	0.00	0.00
Other Suppliers	Viridity Energy, Inc.		N	N	0.00	0.00

Sector	Organization	Representative	Affiliate	Present	For	Against
Other Suppliers	Riverbay Corporation		N	N	0.00	0.00
Other Suppliers	Castleton Commodities Merchant Trading L.P.		N	N	0.00	0.00
Other Suppliers	Direct Energy Business Marketing, LLC		Y	N	0.00	0.00
Other Suppliers	Mercuria Energy America, Inc.	Younger, Mark	N	Y	0.00	0.00
Other Suppliers	New York Transco		Y	N	0.00	0.00
Other Suppliers	Talen Energy		N	N	0.00	0.00
Other Suppliers	XO Energy NY, LP		N	N	0.00	0.00
Other Suppliers	Dynegy Marketing and Trade		N	N	0.00	0.00
Other Suppliers	Brookfield Energy Marketing L.P.		N	N	0.00	0.00
Other Suppliers	Eastern Generation	Younger, Mark	N	Y	0.00	0.00
Other Suppliers	ENGIE Energy Marketing NA, Inc.		N	N	0.00	0.00
Other Suppliers	Stephentown Spindle, LLC		N	N	0.00	0.00
Other Suppliers	ENEL X		N	N	0.00	0.00
Other Suppliers	Energy Technology Savings Inc. d/b/a Logical Buildings		N	N	0.00	0.00
Other Suppliers	Consolidated Edison Energy, Inc.		Y	N	0.00	0.00
Other Suppliers	COI Energy Services, Inc.		N	N	0.00	0.00
Other Suppliers	Rodan Energy Solutions (USA) Inc.		N	N	0.00	0.00
Transmission Owners	New York State Electric & Gas (NYSEG)	Caletka, Patricia	N	Y	1.00	0.00
Transmission Owners	Central Hudson Gas & Electric Corp.	Chan, Ting	N	Y	1.00	0.00
Transmission Owners	Consolidated Edison Co. of NY, Inc.	Kiselev, Dimitry	N	Y	1.00	0.00
Transmission Owners	National Grid	Janzen, Margaret	N	Y	0.00	0.00
Transmission Owners	Orange & Rockland Utilities, Inc.		Y	N	0.00	0.00
Transmission Owners	Rochester Gas and Electric Corp.		Y	N	0.00	0.00
End Use - Large Consumer	IBM Corporation	Mager, Michael	N	Y	0.00	1.00
End Use - Large Consumer	Occidental Chemical Corp.	Mager, Michael	N	Y	0.00	1.00
End Use - Large Consumer	Wegmans Food Markets	Mager, Michael	N	Y	0.00	1.00
End Use - Large Consumer	Nucor Steel Auburn, Inc.		N	N	0.00	0.00
End Use - Large Consumer	Alcoa, Inc.	Mager, Michael	N	Y	0.00	1.00
End Use - Large Cons. Gov. Agency	Metropolitan Transportation Authority		N	N	0.00	0.00
End Use - Small Consumer	Beth Israel Health Care System	Lang, Kevin	N	Y	0.00	0.00
End Use - Small Consumer	Fordham University	Lang, Kevin	N	Y	0.00	0.00
End Use - Small Consumer	Memorial Sloan Kettering Cancer Center	Lang, Kevin	N	Y	0.00	0.00
End Use - Small Consumer	Mount Sinai Medical Center	Lang, Kevin	N	Y	0.00	0.00
End Use - Small Consumer	New York University	Lang, Kevin	N	Y	0.00	0.00
End Use - Gov. State-wide Cons. Advocate	Utility Intervention Unit, Division of Consumer Protection, NY Dept. of State	Montalvo, Marc	N	Y	0.00	0.00
End Use - Gov. Sm. Cons. & Retail Aggr.	NYS Energy Research & Dev. Authority	Hall, Christopher	N	Y	0.00	1.00
End Use - Gov. Sm. Cons. & Retail Aggr.	City of New York	Lang, Kevin	N	Y	0.00	1.00
Public Power - State Power Authorities	Long Island Power Authority	Clarke, Dave	N	Y	1.00	0.00
Public Power - State Power Authorities	New York Power Authority	Antinori, Andrew	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Bath Electric, Gas & Water Systems		N	N	0.00	0.00
Public Power - Munis & Co-ops	Freeport Electric	Rudebusch, Tom	N	Y	0.00	0.00
Public Power - Munis & Co-ops	Jamestown Board of Public Utilities	Rudebusch, Tom	N	Y	0.00	0.00
Public Power - Munis & Co-ops	Lake Placid Village		N	N	0.00	0.00
Public Power - Munis & Co-ops	Municipal Commission of Boonville		N	N	0.00	0.00
Public Power - Munis & Co-ops	Plattsburgh Municipal Lighting Dept		N	N	0.00	0.00
Public Power - Munis & Co-ops	Village of Westfield		N	N	0.00	0.00
Public Power - Munis & Co-ops	Village of Solvay		N	N	0.00	0.00
Public Power - Munis & Co-ops	Village of Arcade		N	N	0.00	0.00
Public Power - Munis & Co-ops	Village of Fairport		N	N	0.00	0.00
Public Power - Munis & Co-ops	Village of Rockville Centre	Rudebusch, Tom	N	Y	0.00	0.00
Public Power - Environmental	American Wind Energy Association		N	N	0.00	0.00
Public Power - Environmental	Environmental Advocates		N	N	0.00	0.00
Public Power - Environmental	Natural Resources Defense Council		N	N	0.00	0.00
Public Power - Environmental	PACE Energy & Climate Center		N	N	0.00	0.00

Sector	Organization	Representative	Affiliate	Present	For	Against
Public Power - Environmental	Riverkeeper		N	N	0.00	0.00
Public Power - Environmental	Environmental Defense Fund		N	N	0.00	0.00
Public Power - Environmental	New York City Environmental Justice Alliance		N	N	0.00	0.00

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Shell Energy North America, LLC	Other Suppliers	Picardi, Matt									
Stephentown Spindle, LLC	Other Suppliers	Streeter , Christopher									
Talen Energy	Other Suppliers	Toomey , Megan	Hohenshilt , Jennifer	Labella , Julie	Raggio , Debra						
Viridity Energy, Inc.	Other Suppliers	Freifeld , Allen									
Vitol Inc.	Other Suppliers	Wadsworth , Joe	Conn , Averill	Kahn , Casey							
XO Energy NY, LP	Other Suppliers	Drangula , Carey	Thompson , Matthew	Hughes , Adam							
Central Hudson Gas & Electric Corp.	Transmission Owners	May , Jeff	✓Chan, Ting	Jolly , James	Delmar , Valerie						
Consolidated Edison Co. of NY, Inc.	Transmission Owners	Hargett , Chris	Lazarus , Dana	✓Kiselev , Dimitry	✓Quin , Jane	Butterklee, Neil	✓LoFrumento , Susan				
National Grid	Transmission Owners	✓Janzen , Margaret	Lodemore , David	Gonsalves , Shelanda							
New York State Electric & Gas (NYSEG)	Transmission Owners	✓Caletka, Patricia	✓Brophy , Richard	Lynch , Tim							
Orange & Rockland Utilities, Inc.	Transmission Owners										
Rochester Gas and Electric Corp.	Transmission Owners	✓Caletka, Patricia	✓Brophy , Richard	Lynch , Tim							
Alcoa, Inc.	Large Consumer	✓Mager, Michael	Loughney, Robert	Trinsey , Amanda	✓Lang, Kevin						
IBM Corporation	Large Consumer	✓Mager, Michael	Loughney, Robert	Trinsey , Amanda	✓Lang, Kevin						
Nucor Steel Auburn, Inc.	Large Consumer	Brew , James	Mackaronis , Chris	Baker , Laura	Briscar , Joseph						
Occidental Chemical Corp.	Large Consumer	✓Mager, Michael	Loughney, Robert	Trinsey , Amanda	✓Lang, Kevin						
Wegmans Food Markets	Large Consumer	✓Mager, Michael	Loughney, Robert	Trinsey , Amanda	✓Lang, Kevin						
Metropolitan Transportation Authority	Large Consumer Government Agency	Keller , David	Chou , Frances								
Beth Israel Health Care System	Small Consumer	Luthin, Catherine	✓Lang, Kevin	✓Mager, Michael	Trinsey , Amanda						
Fordham University	Small Consumer	Luthin, Catherine	✓Lang, Kevin	✓Mager, Michael	Trinsey , Amanda						
Memorial Sloan Kettering Cancer Center	Small Consumer	Luthin, Catherine	✓Lang, Kevin	✓Mager, Michael	Trinsey , Amanda						
Mount Sinai Medical Center	Small Consumer	Luthin, Catherine	✓Lang, Kevin	✓Mager, Michael	Trinsey , Amanda						
New York University	Small Consumer	Luthin, Catherine	✓Lang, Kevin	✓Mager, Michael	Trinsey , Amanda						
Utility Intervention Unit, Division of Consumer Protection, NY Dept. of State	Government Statewide Consumer Advocate	Hogan , Erin	✓Montalvo , Marc	Nyarko , Justice							
City of New York	Government Small Consumer and Retail Aggregate	✓Lang, Kevin	✓Mager, Michael	Trinsey , Amanda							
NYS Energy Research & Dev. Authority	Government Small Consumer and Retail Aggregate	✓Hall , Christopher	Matteson , Schuyler	Zielinski , Andrew	Mas , Carl	Coup, David					
Long Island Power Authority	State Power Authorities	✓Clarke, Dave	✓Wilczek , Mariann								
New York Power Authority	State Power Authorities	✓Antinori , Andrew	Michaels , Alan	✓Cordi , John	✓Kane , James						
Bath Electric, Gas & Water Systems	Municipalities and Coops	Bonacci , Erin	Wentlent, Chris	Cordeiro, Mark							
Freeport Electric	Municipalities and Coops	Livingston , Al	✓Rudebusch, Tom	Fiore , Chris							
Jamestown Board of Public Utilities	Municipalities and Coops	Sellstrom , Kris	Leathers, David	Allen , Cory	✓Rudebusch, Tom						
Lake Placid Village	Municipalities and Coops	Daby , Kimball	Wentlent, Chris	Cordeiro, Mark							
Municipal Commission of Boonville	Municipalities and Coops	Varner , Doug	Wentlent, Chris	Cordeiro, Mark							
Plattsburgh Municipal Lighting Dept	Municipalities and Coops	Treacy, William	Wentlent, Chris	Cordeiro, Mark							
Village of Arcade	Municipalities and Coops	Kilburn, Larry	Wentlent, Chris	Cordeiro, Mark							
Village of Fairport	Municipalities and Coops	Hegarty , Matt	Wentlent, Chris	Cordeiro, Mark							
Village of Rockville Centre	Municipalities and Coops	Andreas , Philip	Valenzano , Michael	✓Rudebusch, Tom							
Village of Solvay	Municipalities and Coops	Hawksby , Joe	Wentlent, Chris	Cordeiro, Mark							
Village of Westfield	Municipalities and Coops	Thompson , Andrew	Wentlent, Chris	Cordeiro, Mark							
American Wind Energy Association	Environmental	Reynolds , Anne	Reeder , Mark	Fink , Sari	Tabak , Gabe	Grace , Gene					
Environmental Advocates	Environmental	Bambrick , Conor	Morris, Jackson								
Environmental Defense Fund	Environmental	Peress J., Naim	Stein , Elizabeth	Karas , Natalie	Murphy , Erin						
Natural Resources Defense Council	Environmental	Casey , Christopher	Howe , Cullen	Morris, Jackson	De Costanzo , Donna						
New York City Environmental Justice Alliance	Environmental	Garcia , Carlos	Bautista , Eddie								
PACE Energy & Climate Center	Environmental	Hart , Craig	Valova , Radina	Howe , Cullen							
Riverkeeper	Environmental	Webster , Richard	Morris, Jackson								
AES ES Holdings LLC	Non Voting	Hillman , Sharon	Kumaraswamy , Kiran								
Able Grid Energy Solutions, Inc.	Non Voting	Lines , Sam	Mills , Sara								
Acadia Center	Non Voting	Donovan , Deborah									
Alliance for Clean Energy New York	Non Voting	Reynolds , Anne	Reeder , Mark	Addepalli , Raj	Rabin , Kyle						
Anbaric Development Partners, LLC	Non Voting	Kosel , Howard	Sanderson , Bryan	Bruno , Clarke							
Appian Way Energy Partners East, LLC	Non Voting	✓Levy , Tal	Klein , Abram	Shen , Dong	Westlund , John	Laich , Marcus					
Ardor Energy LLC	Non Voting	Breen , Erika									
Avangrid Renewables, Inc.	Non Voting	Kilgallen , Kevin	Sokolski , Adam								
Bakerstand Solar, LLC	Non Voting	Caplan , Michael									
Boston Energy Marketing & Trading	Non Voting	Kramek , Mike									
Bruce Power	Non Voting	Jain , Anshul	Meyer , Sandra								
CPower	Non Voting	Dotson-Westphalen , Peter	Houirhan , Michael	Damaskos , Deno	Campbell , Bruce						
Caithness Energy LLC	Non Voting	Keevill , Gary	Alvarez . Asavari	Garber, Mitchell							
Calpine Energy Solutions	Non Voting	Sun , Jung Suk	Nakhonthap , Jade	Sunga , Leonard							
Cubit Power One Inc.	Non Voting	Powell , Alan	Powell , Leighton	Singer, Leonard							

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Customized Energy Solutions	Non Voting	Mancini, Rick	Fernands, Stephen	Rexrode, Caryn	✓ Ackerman, Alan						
Energya VM	Non Voting	Garcia , Francisco	Maeso , Manual	Lopez , Ana	Corvillo , Cristina						
Fluent Energy	Non Voting	Acampora , Peter	Doll , Ed								
GI Energy	Non Voting	Falcier , Peter	Robinson , James								
Hudson River Energy Group	Non Voting	Radigan, Frank	Canfield, Richard								
Hydro-Quebec TransEnergie	Non Voting	Prevost , Michel									
ITC Mid-Atlantic Development LLC	Non Voting	Wrenbeck , Tom	Benedict , Nathan								
Institute for Policy Integrity at NYU School of Law	Non Voting	Unel , Burcin	Gundlach , Justin	Ladin , Sarah							
LS Power Grid NY	Non Voting	Willick , Lawrence	Lundin , Tim	Brau , Brian	York , Joshua						
Lockport Energy Assoc.	Non Voting	Gesicki , Thomas	Youngberg , Mar y								
Lyonsdale Biomass, LLC	Non Voting	Ralston , William	Hebel , Nathan	Carrigan , Kathleen							
MAG Energy Solutions, Inc.	Non Voting	Pelletier , Simon	Vezina, Alexandre								
Marathon Energy	Non Voting	Nichols , Jim	Yeager , Keith								
NRG Curtailment Solutions, Inc.	Non Voting	Popova , Julia	Ainspan , Malcolm	Pieniazek, Marie							
NY-BEST Consortium	Non Voting	Acker , William	Sheehan , Denise								
NYS Department of Public Service	Non Voting	Paynter , Thomas	Evans , Adam								
National Fuel Gas Distribution Corporation	Non Voting	Stankovski , Maryann	Eck , Robert								
New Athens Generating Co. LLC	Non Voting	Tripp , Hank									
Northeast Clean Heat & Power Initiative	Non Voting	Melpignano , Kristin	Brown, Ruben	✓ Cinadr , Matt	Dwyer , Herb	Lillian , Jon					
NuEnergen	Non Voting	Hamilton , Sandy	Korczykowski , Ryan								
Plus Power, LLC	Non Voting	Fraenkel , Alex									
RENEW Northeast	Non Voting	Pullaro , Francis	Krich , Abigail								
Richard P. Felak	Non Voting	Felak, Rich									
Saracen Energy East LP	Non Voting	Peebles , Andy	Miller , Jason								
Savion, LLC	Non Voting	Doering , Anthony	Sunderman , Derek								
Siemens Energy, Inc.	Non Voting	Feltes , James									
Taylor Biomass Energy, LLC	Non Voting	Taylor , Jim	Page , Allan								
Teichos Energy, LLC	Non Voting	Maclearnsberry , Kirk	VanCoevering , Darrel								
Tesla, Inc.	Non Voting	Van Cleve , Sarah	Gilfenbaum , Eliah								
TransAlta Energy Marketing (U.S.) Inc.	Non Voting	Nivolianitis , Ted	Abend , Erik								
Transmission Developers Inc.	Non Voting	Jessome , Donald	Helmer , William	Harrison , Bob	Coxe , Raymond						
Transource New York, LLC	Non Voting	Rupert , David	Cundiff , Robert								
Voltus, Inc.	Non Voting	Guernsey , Dana	Amores , Angel	Fan , Jianing	Bates-Wannop , Allison						
Wheelabrator Technologies, Inc.	Non Voting	Goldie , Reg	Ginnetti , Jim								
William P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					