
NYISO Business Issues Committee Meeting Minutes
November 11, 2020
10:00 a.m. – 12:00 p.m.

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

Mr. Chris Wentlent (MEUA) 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 October 14, 2020 BIC Minutes

There were no questions or comments regarding the draft minutes from the October 14, 2020 BIC meeting that were included as part of the meeting material.

Motion #1:

Motion to approve the October 14, 2020 BIC meeting minutes.

Motion passed unanimously.

3. Market Operations Report

Mr. Rana Mukerji (NYISO) reviewed the market operations report included with the meeting material. There were no questions or comments.

4. BIC Vice Chair Election for 2020-2021

Mr. John Marczewski (East Coast Power) was elected to serve as the BIC Vice Chair for the 2020-2021 term.

5. Proposed Change to NYISO Officer Certification

Ms. Sheri Prevratil (NYISO) reviewed the presentation included with the meeting material. There were no questions or comments.

Motion #2:

The Business Issues Committee (BIC) hereby recommends that the Management Committee approve revisions to Attachment K of the Market Administration and Control Area Services Tariff as described in the presentation entitled “Proposed Change to NYISO Officer Certification,” made at the November 11, 2020 BIC meeting.

Motion passed unanimously.

6. Accounting and Billing Manual Revisions

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

Motion #3:

The Business Issues Committee (“BIC”) hereby approves the revisions to the Accounting & Billing Manual as described in the presentation to the BIC on November 11, 2020.

Motion passed unanimously with abstentions.

7. Ancillary Services Manual Update: Changes to Voltage Support Services

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

Motion #4:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee approve changes to the Market Administration and Control Area Services Tariff as more fully described in the presentation titled “Ancillary Services Shortage Pricing” made to the BIC on November 11, 2020.

Motion passed unanimously with abstentions.

8. Load Forecasting Manual Revisions

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

Motion #5:

WHEREAS, the Load Forecasting Task Force (“LFTF”) reviewed during its October 21st 2020 meeting revisions to the Load Forecasting Manual;

WHEREAS, the Installed Capacity Working Group (“ICAPWG”) reviewed during its October 27th 2020 meeting revisions to the Load Forecasting Manual; and

WHEREAS, NYISO staff posted a draft Load Forecasting Manual for review on the NYISO’s website and for discussion and action at the November 11, 2020 Business Issues Committee (“BIC”) meeting;

THEREFORE,

The Business Issues Committee (“BIC”) hereby approves the Load Forecasting Manual revisions as presented and discussed at the BIC meeting held on November 11, 2020.

Motion passed unanimously.

9. Economic Planning Process Manual Revisions

Mr. Jason Frasier (NYISO) reviewed the presentation included with the meeting material.

Mr. Marc Montalvo (UIU) asked for clarification regarding whether the proposed revisions for addressing reliability needs within the modeling developed for the economic planning process would include consideration of local transmission system reliability needs identified in the reliability planning process. Mr. Frasier stated that the proposed manual revisions would provide the NYISO flexibility in considering the potential siting of generic compensatory MW additions to address reliability needs within the modeling developed for the economic planning process in a manner that may also address local reliability needs identified in the reliability planning process.

Motion #6:

WHEREAS, the Electric System Planning Working Group (“ESPWG”) reviewed during its October 23rd 2020 meeting revisions to the Economic Planning Process Manual; and

WHEREAS, NYISO staff posted a draft Economic Planning Process Manual for review on the NYISO’s website and for discussion and action at the November 11, 2020 Business Issues Committee (“BIC”) meeting;

THEREFORE,

The Business Issues Committee (“BIC”) hereby approves the Economic Planning Process Manual revisions as presented and discussed at the BIC meeting held on November 11, 2020.

Motion passed unanimously.

10. Reserving Transmission Capacity for Balance-of-Period Auctions

Mr. Gregory Williams (NYISO) reviewed the presentation included with the meeting material.

Mr. Mark Younger (Hudson Energy Economics) sought clarification regarding whether the portion of transmission system capacity that can potentially be reserved for later release in Reconfiguration Auctions is determined based on the transmission system capacity that is not otherwise utilized by already existing Transmission Congestion Contracts (TCCs). Mr. Williams confirmed that transmission capacity potentially available for reservation is limited to a maximum of 10% of the transmission system capacity that is not otherwise utilized by certain pre-existing TCCs.

Mr. Mike Cadwalader (Atlantic Economics) requested confirmation that the TCCs that are recognized as pre-existing uses of transmission system capacity are TCCs that are not purchased through TCC auctions. Mr. Williams stated that Grandfathered Rights, Grandfathered TCCs, Incremental TCCs, Fixed Price TCCs, Existing Transmission Capacity for Native Load (ETCNL) TCCs, and Residual Capacity Reservation Right (RCRR) TCCs are accounted for in determining the portion of transmission capacity that is available to support the sale of TCCs through TCC auctions.

Motion #7:

The Business Issues Committee (“BIC”) hereby approves the market design to establish the capability to reserve a portion of otherwise available transmission capacity for release to support the sale of Transmission Congestion Contracts in Reconfiguration Auctions, as more fully described in the presentation titled “Reserving Capacity for TCC Balance-of-Period Auctions” made to the BIC on November 11, 2020.

Motion passed unanimously with abstentions.

11. Ancillary Services Shortage Pricing

Ms. Pallavi Jain (NYISO) reviewed the presentation included with the meeting material.

Mr. Montalvo asked whether the components of the proposal related to the supplemental reserves and the changes to the current reserve demand curve values and reserve shortage pricing are dependent on one another. Ms. Jain stated that the supplemental reserves component and proposed reserve demand curve and shortage pricing enhancements component of the proposal are independent aspects of the overall proposal. Mr. Montalvo noted that while the UIU is supportive of the proposed reserve demand curve and reserve shortage pricing enhancements, the UIU has not yet reached a final determination regarding the supplemental reserves component. Mr. Montalvo recommended that the NYISO consider the potential for seeking approval of each component separately at the Management Committee.

Mr. Cadwalader stated that it will be important to promptly commence efforts on the development of manual revisions to provide further details about the specific procedures related to the potential implementation of supplemental reserves in the future. Mr. Cadwalader recommended that the NYISO seek to develop such details during the first half of 2021. Ms. Jain stated that it is the NYISO's intent to develop manual revisions that would provide additional details regarding the procedures for implementing supplemental reserves when needed in the future.

Motion #8:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee approve changes to the Market Administration and Control Area Services Tariff as more fully described in the presentation titled “Ancillary Services Shortage Pricing” made to the BIC on November 11, 2020.

Motion passed unanimously with abstentions.

12. Enhanced Fast Start Pricing

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

Motion #9:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee approve revisions to the Market Administration and Control Area Services Tariff, as more fully described in the presentation entitled “Enhanced Fast-Start Pricing” made to the BIC on November 11, 2020.

Motion passed unanimously.

13. Manual Revisions for Enhanced Fast Start Pricing

Ms. Stephanie King (NYISO) reviewed the presentation included with the meeting material.

Mr. Cadwalader noted appreciation for the NYISO's development of examples for inclusion in the manual to assist stakeholders with understanding the operation of the revised pricing rules for fast start resources.

Motion #10:

The Business Issues Committee ("BIC") hereby approves the revisions to the Transmission & Dispatch Operations Manual and Day-Ahead Scheduling Manual as described in the presentation to the BIC on November 11, 2020.

Motion passed unanimously.

14. Hybrid Storage Model: Co-located Storage Resources (CSR) Market Design Proposal

Ms. Amanda Myott (NYISO) and Ms. Kanchan Upadhyay (NYISO) reviewed the presentation included with the meeting material. There were no questions or comments.

Motion #11:

The Business Issues Committee ("BIC") hereby recommends that the Management Committee approve revisions to the Market Administration and Control Area Services Tariff and the Open Access Transmission Tariff, as more fully described in the presentation entitled "Hybrid Storage: Collocated Storage Resources (CSR) Market Design Proposal" made to the BIC on November 11, 2020.

Motion passed unanimously with abstentions.

15. Utilization of MSEs for Demand Side Resources

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

Motion #12:

The Business Issues Committee ("BIC") hereby recommends that the Management Committee ("MC") approve revisions to the NYISO's Market Administration and Control Area Services Tariff as described in the presentation titled "Utilization of MSEs for Demand Side Resources" made to the BIC on November 11, 2020.

Motion passed unanimously with abstentions.

16. Transmission Expansion and Interconnection Manual Revisions

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

Motion #13:

The Business Issues Committee (BIC) hereby approves the revisions to the Transmission Expansion and Interconnection Manual as presented to the BIC on November 11, 2020 BIC meeting.

Motion passed unanimously.

17. ISO-NE and NYISO Coordination Agreement – Revisions to Descriptions of Interconnection Facilities

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

Motion #14:

The Business Issues Committee ("BIC") hereby recommends that the Management Committee approve changes to the NYISO's Coordination Agreement with ISO-NE as more fully described in the presentation titled "ISO-NE and NYISO Coordination Agreement – Revisions to Descriptions of Interconnection Facilities" made to the BIC on November 11, 2020.

Motion passed unanimously.

18. Working Group Updates

- Billing and Accounting and Credit Working Group: The group met on October 22, 2020 and reviewed: (1) the standard accounting/settlement reports; and (2) a proposal to eliminate the requirement to notarize the officer's certification form related to the minimum participation requirements.
- Electric System Planning Working Group: The group has met three times since the last BIC meeting. The group met on October 23, 2020 and reviewed: (1) key study assumptions for the short-term assessment of reliability study for Q4 2020; (2) a presentation by Con Edison regarding updates to its local transmission plan; (3) proposed revisions to the Economic Planning Process Manual; (4) study assumptions for the 2020 Congestion Assessment and Resource Integration Study (CARIS) Phase 2 analysis; and (5) potential enhancements to the economic planning process. On November 2, 2020, the group met and reviewed: (1) a presentation by Con Edison regarding updates to its local transmission plan; and (2) proposed revisions to the Transmission Expansion and Interconnection Manual. The group also met on November 6, 2020 and reviewed proposed enhancements to the economic planning process.
- Installed Capacity Working Group: The group has met jointly with MIWG and PRLWG twice since the last BIC meeting. On October 16, 2020, the group met and reviewed: (1) capacity market participation and capacity market mitigation requirements for co-located energy storage resources; and (2) proposed revisions to the Installed Capacity Manual related to duration limited resources and availability calculation methodologies for capacity supply resources. The group also met on October 27, 2020 and reviewed: (1) an overview of enhancements to fuel security monitoring that have been implemented by the NYISO; (2) an update regarding the status of the comprehensive capacity market mitigation review efforts; (3) proposed revisions to the Load Forecasting Manual; and (4) capacity market participation and capacity market mitigation requirements for co-located energy storage resources.
- Load Forecasting Task Force: The group has met twice since the last BIC meeting. The group met on October 21, 2020 and held its annual Fall Economic Conference reviewing national and New York economic outlook reports by Moody's Analytics. At the October 21, 2020 meeting, the group also reviewed: (1) the impacts on load patterns and energy consumption related to the ongoing COVID-19 pandemic; and (2) proposed revisions to the Load Forecasting Manual. On November 9, 2020, the group met and reviewed: (1) the preliminary weather normalized 2020 peak load values for use in developing the 2021/2022 Capability Year capacity market peak load forecast; (2) a presentation by PSEG Long Island on the impacts on load patterns and energy consumption related to the ongoing COVID-19 pandemic being experienced on Long Island; and (3) an overview of data the NYISO will begin posting related to production by behind-the-meter solar resources in New York.
- Market Issues Working Group: The group has met three times since the last BIC meeting, including joint meetings with ICAPWG and PRLWG. The group met on October 16, 2020 and reviewed: (1) energy market participation requirements for co-located energy storage resources; and (2) proposed enhancements to the current reserve shortage pricing values, reserve demand curves and reserve procurements. On October 27, 2020, the group met and reviewed: (1) an overview of enhancements to fuel security monitoring that have been implemented by the NYISO; (2) a proposal to extend use of the Meter Services Entity option to the Day-Ahead Demand Response Program and the Demand Side Ancillary Services Program; (3) energy market participation requirements for co-located energy storage resources; and (4) proposed revisions to pricing rules for fast-start resources. The group also met on November 3, 2020 and reviewed the NYISO's evaluation of 5-minute interregional transaction scheduling.
- Price Responsive Load Working Group: The group met jointly with ICAPWG and MIWG twice since the last BIC meeting (i.e., October 16, 2020 and October 27, 2020). 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.

19. New Business

There was no new business.

Meeting adjourned at 12:00 p.m.

Business Issues Committee

November 11, 2020 Meeting

Final Motions

Motion #1:

Motion to approve the October 14, 2020 Meeting Minutes.

Motion passed unanimously.

Motion #2:

The Business Issues Committee (BIC) hereby recommends that the Management Committee approve revisions to Attachment K of the Market Administration and Control Area Services Tariff as described in the presentation entitled “Proposed Change to NYISO Officer Certification,” made at the November 11, 2020 BIC meeting.

Motion passed unanimously.

Motion #3:

The Business Issues Committee (“BIC”) hereby approves the revisions to the Accounting & Billing Manual as described in the presentation to the BIC on November 11, 2020.

Motion passed unanimously with abstentions.

Motion #4:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee approve changes to the Market Administration and Control Area Services Tariff as more fully described in the presentation titled “Ancillary Services Shortage Pricing” made to the BIC on November 11, 2020.

Motion passed unanimously with abstentions.

Motion #5:

WHEREAS, the Load Forecasting Task Force (“LFTF”) reviewed during its October 21st 2020 meeting revisions to the Load Forecasting Manual; **WHEREAS**, the Installed Capacity Working Group (“ICAPWG”) reviewed during its October 27th 2020 meeting revisions to the Load Forecasting Manual; and **WHEREAS**, NYISO staff posted a draft Load Forecasting Manual for review on the NYISO’s website and for discussion and action at the November 11, 2020 Business Issues Committee (“BIC”) meeting; **THEREFORE**,

The Business Issues Committee (“BIC”) hereby approves the Load Forecasting Manual revisions as presented and discussed at the BIC meeting held on November 11, 2020.

Motion passed unanimously.

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Motion #7:

The Business Issues Committee (“BIC”) hereby approves the market design to establish the capability to reserve a portion of otherwise available transmission capacity for release to support the sale of Transmission Congestion Contracts in Reconfiguration Auctions, as more fully described in the presentation titled “Reserving Capacity for TCC Balance-of-Period Auctions” made to the BIC on November 11, 2020.

Motion passed unanimously with abstentions.

Motion #8:

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Motion passed unanimously with abstentions.

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Motion passed unanimously.

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Motion 14:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee approve changes to the NYISO’s Coordination Agreement with ISO-NE as more fully described in the presentation titled “ISO-NE and NYISO Coordination Agreement – Revisions to Descriptions of Interconnection Facilities” made to the BIC on November 11, 2020.

Motion passed unanimously.

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
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	Viola , Bob	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	Quin , Jane	✓Hargett , Chris	Yu , Joel	Lazarus , Dana	Butterklee, Neil	LoFrumento , Susan				
National Grid	Transmission Owners	✓Janzen , Margaret	Lodemore , David	Wilkie , Brian							
New York State Electric & Gas (NYSEG)	Transmission Owners	✓Caletka, Patricia	Lynch , Tim	✓Brophy , Richard							
Orange & Rockland Utilities, Inc.	Transmission Owners										
Rochester Gas and Electric Corp.	Transmission Owners	✓Caletka, Patricia	Lynch , Tim	✓Brophy , Richard							
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							
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								
Association for Energy Affordability	Small Consumer	Strauss , Valerie	Hepinstall, David	Casey , Christopher							
Beth Israel Health Care System	Small Consumer	Luthin, Catherine	Ewart , Sean	Lang, Kevin	✓Mager, Michael	Trinsey , Amanda					
Fordham University	Small Consumer	Luthin, Catherine	Ewart , Sean	Lang, Kevin	✓Mager, Michael	Trinsey , Amanda					
Memorial Sloan Kettering Cancer Center	Small Consumer	Luthin, Catherine	Ewart , Sean	Lang, Kevin	✓Mager, Michael	Trinsey , Amanda					
Mount Sinai Medical Center	Small Consumer	Luthin, Catherine	Ewart , Sean	Lang, Kevin	✓Mager, Michael	Trinsey , Amanda					
New York University	Small Consumer	Luthin, Catherine	Ewart , Sean	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	O'Hare , Katie							
City of New York	Government Small Consumer and Retail Aggregate	Lang, Kevin	✓Mager, Michael	Trinsey , Amanda						✓Tedesco, Develyn	
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	Mahoney , Daniel					
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	Dufresne , Zach	Reeder , Mark							
Anbaric Development Partners, LLC	Non Voting	Kosel , Howard	Sanderson , Bryan	Knobloch , Kevin	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 , Jungsuk	Nakhonthap , Jade	Sunga , Leonard							

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Cubit Power One Inc.	Non Voting	Powell , Alan	Powell , Leighton	Singer, Leonard							
Customized Energy Solutions	Non Voting	Mancini, Rick	Fernands, Stephen	Rexrode, Caryn	✓ Ackerman, Alan						
Ecesis LLC	Non Voting	Wu , Brian									
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								
Highview Power Storage, Inc.	Non Voting	Riley , Richard	Minopoli , Salvatore								
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	Noll , Bethany	Bialek , Sylwia	Gundlach , Justin						
LS Power Grid NY	Non Voting	Willick , Lawrence	York , Joshua	Carroll , Casey	Hayes , Patrick						
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	Veziina, Alexandre								
Marathon Energy	Non Voting	Nichols , Jim	Perrotti , Frank	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					
NuErogen	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									
STEM, Inc.	Non Voting	Ko , Ted	Bellacicco , John								
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	VanCoeving , 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								
Wheelabrator Technologies, Inc.	Non Voting	Goldie , Reg	Ginnetti , Jim								
William P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					