

Business Issues Committee
November 15, 2017
Final Motions

Motion #1:

Motion to approve the Minutes of the October 11, 2017 BIC meeting.

Motion passed unanimously with an abstention.

Motion #2:

The Business Issues Committee (“BIC”) hereby approves the market design, as presented at today’s BIC, subject to the resolution of the issue presented concerning the net cost of new entry curve to be used in instances when the collar mechanism is triggered, and requests that the NYISO develop a tariff proposal, with input from the Installed Capacity Working Group (“ICAP Working Group”), to implement the Locational Minimum Installed Capacity Requirement Optimization Methodology and return to BIC and MC for discussion and action.

Motion passed with 81.1% affirmative votes.

***Kelli Joseph (NRG) was elected Vice-Chair for 2017-2018.*

New York Independent System Operator
Business Issues Committee - November 15, 2017

Motion: Motion #1

Result: Motion Passed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against	
Generation Owners	21.50	✓	✓	21.50	3.00	2.00	1.00	12.90	8.60	
Other Suppliers	21.50	✓	✓	21.50	6.00	0.00	5.00	21.50	0.00	
Transmission Owners	20.00	✓	✓	20.00	4.00	0.00	0.00	20.00	0.00	
End Use Consumer			✓							
Large Consumer	9.00	✓		9.00	5.00	0.00	0.00	15.50	0.00	
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	6.00	0.00	0.00	
Gov. State-wide Cons. Advocate	2.70	✓		2.70	1.00	0.00	0.00	2.70	0.00	
Gov. Sm. Cons. & Retail Aggr.	1.80	✓		1.80	2.00	0.00	0.00	1.80	0.00	
Public Power			✓							
State Power Authorities	8.00	✓		8.00	1.00	1.00	0.00	4.53	4.53	
Munis & Co-ops	7.00	✓		7.00	3.00	8.00	0.00	2.16	5.77	
Environmental	2.00	✓		2.00	0.00	0.00	1.00	0.00	0.00	
				5	100.00	25.00	11.00	13.00	81.09	18.90
					100.00	Normalize to 100% :		81.1	18.9	

New York Independent System Operator

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Motion: Motion #1

Result: Motion Passed

Sector	Organization	Representative	Affiliate	Present	For	Against
Generation Owners	Indeck Energy Services, Inc.	Younger, Mark	N	Y	1.00	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	Litchfield, Matt	N	Y	0.00	1.00
Generation Owners	East Coast Power, LLC		N	N	0.00	0.00
Generation Owners	Entergy Nuclear Northeast	Saia, Doreen	N	Y	1.00	0.00
Generation Owners	Innovative Energy Systems		Y	N	0.00	0.00
Generation Owners	Noble Environmental Power LLC		N	N	0.00	0.00
Generation Owners	Selkirk Cogen Partners, LP		N	N	0.00	0.00
Generation Owners	EDP Renewables North America LLC	High, Jeremy	N	Y	0.00	0.00
Generation Owners	Cricket Valley Energy Center		N	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	Somerset Operating Company, LLC	Goodenough, Jeery	N	Y	1.00	0.00
Generation Owners	Howard Wind LLC		N	N	0.00	0.00
Generation Owners	Bayonne Energy Center, LLC		N	N	0.00	0.00
Generation Owners	Helix Ravenswood LLC	D'Andrea, James	N	Y	0.00	1.00
Other Suppliers	BJ Energy LLC		N	N	0.00	0.00
Other Suppliers	Citigroup Energy Inc.	Trayers, Barry	N	Y	1.00	0.00
Other Suppliers	Con Edison Solutions Inc.		Y	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		N	N	0.00	0.00
Other Suppliers	EnerNoc		N	N	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.	Joseph, Kelli	N	Y	1.00	0.00
Other Suppliers	Ontario Power Generation, Inc.		N	N	0.00	0.00
Other Suppliers	Exelon Generating Co. LLC	Wentlent, Chris	N	Y	1.00	0.00
Other Suppliers	PSEG Energy Resource & Trade, LLC	Fromer, Howard	N	Y	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	TransCanada Power Marketing, Ltd.		N	N	0.00	0.00
Other Suppliers	BP Energy Company		N	N	0.00	0.00
Other Suppliers	EDF Trading North America, LLC		N	N	0.00	0.00
Other Suppliers	NextEra Energy	Schwall, Matt	N	Y	1.00	0.00
Other Suppliers	Innoventive Power		N	N	0.00	0.00
Other Suppliers	Vitol Inc.		N	N	0.00	0.00
Other Suppliers	GDF Suez Energy NA, Inc.		Y	N	0.00	0.00
Other Suppliers	Viridity Energy, Inc.		N	N	0.00	0.00
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	BlueRock Energy, Inc.		N	N	0.00	0.00
Other Suppliers	Noble Americas Gas & Power Corp.		Y	N	0.00	0.00

Sector	Organization	Representative	Affiliate	Present	For	Against
Other Suppliers	Lyonsdale Biomass, LLC		Y	N	0.00	0.00
Other Suppliers	Direct Energy Business Marketing, LLC		N	N	0.00	0.00
Other Suppliers	Energy Technology Savings		N	N	0.00	0.00
Other Suppliers	Mercuria Energy America, Inc.	Younger, Mark	N	Y	1.00	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	CPower		N	N	0.00	0.00
Other Suppliers	XO Energy NY, LP		N	N	0.00	0.00
Other Suppliers	Dynergy Marketing and Trade	Roby, Rick	N	Y	1.00	0.00
Other Suppliers	Brookfield Energy Marketing L.P.	LaRoe, Chris	N	Y	0.00	0.00
Other Suppliers	Eastern Generation	Baker, Liam	N	Y	0.00	0.00
Other Suppliers	BioUrja Power, LLC		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.	Borchert, John	N	Y	1.00	0.00
Transmission Owners	Consolidated Edison Co. of NY, Inc.	Butler, Scott	N	Y	1.00	0.00
Transmission Owners	National Grid	Janzen, Margaret	N	Y	1.00	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	Alcoa, Inc.	Mager, Michael	N	Y	1.00	0.00
End Use - Large Consumer	IBM Corporation	Mager, Michael	N	Y	1.00	0.00
End Use - Large Consumer	Occidental Chemical Corp.	Mager, Michael	N	Y	1.00	0.00
End Use - Large Consumer	Wegmans Food Markets	Mager, Michael	N	Y	1.00	0.00
End Use - Large Consumer	Nucor Steel Auburn, Inc.	Brew, James	N	Y	1.00	0.00
End Use - Large Cons. Gov. Agency	Metropolitan Transportation Authority		N	N	0.00	0.00
End Use - Small Consumer	American Sugar Refining, Inc	Lang, Kevin	N	Y	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 - Small Consumer	Association for Energy Affordability		N	N	0.00	0.00
End Use - Gov. State-wide Cons. Advocate	Utility Intervention Unit, Division of Consumer Protection, NY Dept. of State	Hogan, Erin	N	Y	1.00	0.00
End Use - Gov. Sm. Cons. & Retail Aggr.	NYS Energy Research & Dev. Authority	Hall, Christopher	N	Y	1.00	0.00
End Use - Gov. Sm. Cons. & Retail Aggr.	City of New York	Lang, Kevin	N	Y	1.00	0.00
Public Power - State Power Authorities	Long Island Power Authority	Clarke, Dave	N	Y	0.00	1.00
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	Bolbrock, Richard	N	Y	0.00	1.00
Public Power - Munis & Co-ops	Freeport Electric	Rudebusch, Tom	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Jamestown Board of Public Utilities	Rudebusch, Tom	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Lake Placid Village	Bolbrock, Richard	N	Y	0.00	1.00
Public Power - Munis & Co-ops	Municipal Commission of Boonville	Bolbrock, Richard	N	Y	0.00	1.00
Public Power - Munis & Co-ops	Plattsburgh Municipal Lighting Dept	Bolbrock, Richard	N	Y	0.00	1.00
Public Power - Munis & Co-ops	Village of Westfield	Bolbrock, Richard	N	Y	0.00	1.00
Public Power - Munis & Co-ops	Village of Solvay	Bolbrock, Richard	N	Y	0.00	1.00
Public Power - Munis & Co-ops	Village of Arcade	Bolbrock, Richard	N	Y	0.00	1.00
Public Power - Munis & Co-ops	Village of Fairport	Bolbrock, Richard	N	Y	0.00	1.00
Public Power - Munis & Co-ops	Village of Rockville Centre	Rudebusch, Tom	N	Y	1.00	0.00
Public Power - Environmental	American Lung Association		N	N	0.00	0.00
Public Power - Environmental	American Wind Energy Association		N	N	0.00	0.00
Public Power - Environmental	Environmental Advocates	Bambrick, Conor	N	Y	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
Public Power - Environmental	Riverkeeper		N	N	0.00	0.00
Public Power - Environmental	Environmental Defense Fund		N	N	0.00	0.00

New York Independent System Operator - Committee Membership
Business Issues Committee - November 15, 2017 - KCC - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Astoria Energy LLC	Generation Owners	McCall, Chuck	Browne , Scott	Habib , Phillipe	Singer, Leonard						
Bayonne Energy Center, LLC	Generation Owners	Allman , Ellen	Yang , Sue								
CPV Valley LLC	Generation Owners	✓Litchfield , Matt	Rumsey , Tom								
Calpine	Generation Owners	Kruse, Brett	Reitmeyer , Jay	Flumerfelt, John	Schleimer , Steve						
Cricket Valley Energy Center	Generation Owners	De Meyere , Bob	Wallenstein , Arnold	Paryl , Ron							
EDP Renewables North America LLC	Generation Owners	Brodbeck , John	Kaplan , Seth	Nemeth , Jeffrey	✓High , Jeremy						
East Coast Power, LLC	Generation Owners	Shanker, Roy	Fogarty , Thomas	Lee , Tina	Franzetti , Paul						
Entergy Nuclear Northeast	Generation Owners	Dell Orto , Ken	✓Saia, Doreen	Bergeron , John							
Helix Ravenswood LLC	Generation Owners	✓D'Andrea , James	Kline , Marc	DiBari , Dominic							
Howard Wind LLC	Generation Owners	Merich , Olivia	Rugh , Chris								
Indeck Energy Services, Inc.	Generation Owners	Ferguson, Mike	✓Younger, Mark								
Innovative Energy Systems	Generation Owners	Zeliff, Peter	Henningham, Scott								
Invenergy Energy Management LLC	Generation Owners	Pakula , Maggie	Goldstein , Michael	Orzel , Chris							
National Grid Generation LLC	Generation Owners	Kain , Terrence	McCabe , Brian								
Noble Environmental Power LLC	Generation Owners	Silton , Harry									
Selkirk Cogen Partners, LP	Generation Owners	Biittig, Timothy	Ryan , James								
Somerset Operating Company, LLC	Generation Owners	Evanoski , Dave	✓Goodenough , Jeery	McManus , John							
BJ Energy LLC	Other Suppliers	Ni, Bing	Lee, George								
BP Energy Company	Other Suppliers	Briscoe , Judy	Magruder , Kathy								
BioUrja Power, LLC	Other Suppliers	Moore , Cody	Ward , Roxie								
BlueRock Energy, Inc.	Other Suppliers	Nichols , Jim	Yeager , Keith	VanHorne , Phil	Graham , Tammy						
Brookfield Energy Marketing L.P.	Other Suppliers	✓LaRoe , Chris	Mitreski , Aleksandar	Mitelman , Rimma	Dallaire , Eric						
CPower	Other Suppliers	Dotson-Westphalen , Peter	Hourihan , Michael	Damaskos , Deno	Campbell , Bruce						
Castleton Commodities Merchant Trading L.P.	Other Suppliers	Stuss , Gordon	Romine , Brad	Emmett , Robert							
Citigroup Energy Inc.	Other Suppliers	✓Trayers, Barry									
Con Edison Solutions Inc.	Other Suppliers	✓Mah, Norman	Dannels , Jeff								
Constellation New Energy	Other Suppliers	Wentlent, Chris	Kirk , Steven								
Cross Sound Cable Company, LLC	Other Suppliers	Reinhart, Brian	Rotger, Jose								
DC Energy	Other Suppliers	Bleiweis, Bruce	Stevens, Andrew	Tate, Matthew	Milberg, Sadao	Jeev , Kumar					
DTE Energy	Other Suppliers	Pakela, Gregory	Wieszczyk, Raymond	German , Robert							
Direct Energy Business Marketing, LLC	Other Suppliers	Philips , Marjorie	Comstock , Read								
Dyegy Marketing and Trade	Other Suppliers	✓Roby , Rick	Ellis, Dean	Ziegler , Pete							
EDF Trading North America, LLC	Other Suppliers	Erbrick , Michael	LeForce , Randall								
Eastern Generation	Other Suppliers	✓Baker, Liam	Reese, John	✓Younger, Mark	✓Schwall , Matthew	Johnson , David	✓Wolcott , Tyler				
EnerNoc	Other Suppliers	Brewster, David	Geller , Greg								
Energy Spectrum	Other Suppliers	David, Gary	Ahrens, David	Neiburg, David	Iskowitz, Aron	Brown, Ruben	Pentland , William	Villegas , Cristina	Cinadr , Matt		
Energy Technology Savings	Other Suppliers	Hendler , Jeff	Ross , Valerie								
Exelon Generating Co. LLC	Other Suppliers	Wentlent, Chris	Kirk , Steven							✓Wentlent, Chris	
GDF Suez Energy NA, Inc.	Other Suppliers	Levine , Jeffrey	Hawkins , Darin	Campbell , Chad							
Galt Power	Other Suppliers	Fernands , Rochelle	✓Ackerman, Alan								
HQ Energy Services US	Other Suppliers	✓Plante , Matthieu	✓Leuthauser, Scott	Guilbault , Louis							
Innoventive Power	Other Suppliers	Gruber , Craig	Halford , Steve								
Lyonsdale Biomass, LLC	Other Suppliers	Ralston , William	Hebel , Nathan	Carrigan , Kathleen							
Mercuria Energy America, Inc.	Other Suppliers	Davis , Andrew	✓Younger, Mark								
Morgan Stanley Capital Group, Inc.	Other Suppliers	Murray, Patrick	Kochonies, Karen	Ezickson, Doron							
NRG Power Marketing Inc.	Other Suppliers	✓Joseph , Kelli	Fuller , Peter	Cona , Lisa							
New York Transco	Other Suppliers	Nachmias, Stuart	Hitti , Nabil	Caso , Rob	Carrigan , Kathleen	Dumais , Paul	McKinney , Jeff				
NextEra Energy	Other Suppliers	Applebaum, David	Gardner , Michelle	Gibelli , Stephen						✓Schwall, Matt	
Noble Americas Gas & Power Corp.	Other Suppliers	Boston , Roy	Kyle , Chris	Sunga , Leonard							
Ontario Power Generation, Inc.	Other Suppliers	Lacivita, Ken	Gell, Richard	Barr, David							
PSEG Energy Resource & Trade, LLC	Other Suppliers	✓Fromer, Howard	DePillo , Raymond	Messmer , Robert	Murawski , James						
Riverbay Corporation	Other Suppliers	Merola , Peter	Ellison , Noel	Ahrens, David	Villegas , Cristina						
SESCO Enterprises, LLC	Other Suppliers	Schubiger, Michael	Thoresen, James								
Shell Energy North America, LLC	Other Suppliers	Picardi, Matt									
Talen Energy	Other Suppliers	Hohenshilt , Jennifer	Labella , Julie	Kershner , Zane	Klicker , Owen						
TransCanada Power Marketing, Ltd.	Other Suppliers	Cahill , Paul	Schuler , Richard	Murphy , Tonya							
Viridity Energy, Inc.	Other Suppliers	Freifeld , Allen									
Vitol Inc.	Other Suppliers	Wadsworth , Joe	Viola , Bob	Kam , Kenney							
XO Energy NY, LP	Other Suppliers	Drangula , Carey	Thompson , Matthew	Hughes , Adam							

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Central Hudson Gas & Electric Corp.	Transmission Owners	✓ Borchert , John	✓ Chan, Ting	May , Jeff	Dittmann, David						
Consolidated Edison Co. of NY, Inc.	Transmission Owners	Quin , Jane	Nachmias, Stuart	✓ Butler , Scott	✓ Hargett , Chris	Butterklee, Neil					
National Grid	Transmission Owners	✓ Janzen , Margaret	Lodemore , David	Carron , Benjamin							
New York State Electric & Gas (NYSEG)	Transmission Owners	✓ Caletka, Patricia	Kinney, Ray	✓ Brophy , Richard							
Orange & Rockland Utilities, Inc.	Transmission Owners	✓ Caletka, Patricia	Kinney, Ray	✓ Brophy , Richard							
Rochester Gas and Electric Corp.	Transmission Owners	✓ Caletka, Patricia	Kinney, Ray	✓ 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	Radigan, Frank	Kopon , Owen							
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								
American Sugar Refining, Inc	Small Consumer	Luthin, Catherine	Breidenbaugh , Aaron	✓ Lang, Kevin	✓ Mager, Michael	Trinsey , Amanda					
Association for Energy Affordability	Small Consumer	Morris, Jackson	Hepinstall, David	Strauss , Valerie							
Beth Israel Health Care System	Small Consumer	Luthin, Catherine	Breidenbaugh , Aaron	✓ Lang, Kevin	✓ Mager, Michael	Trinsey , Amanda					
Fordham University	Small Consumer	Luthin, Catherine	Breidenbaugh , Aaron	✓ Lang, Kevin	✓ Mager, Michael	Trinsey , Amanda					
Memorial Sloan Kettering Cancer Center	Small Consumer	Luthin, Catherine	Breidenbaugh , Aaron	✓ Lang, Kevin	✓ Mager, Michael	Trinsey , Amanda					
Mount Sinai Medical Center	Small Consumer	Luthin, Catherine	Breidenbaugh , Aaron	✓ Lang, Kevin	✓ Mager, Michael	Trinsey , Amanda					
New York University	Small Consumer	Luthin, Catherine	Breidenbaugh , Aaron	✓ 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	Kordonis , Dimitrios	Zimmerman , Michael						
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	Coup, David	Mas , Carl	Wilcox , James	Matteson , Schuyler					
Long Island Power Authority	State Power Authorities	✓ Clarke, Dave	✓ Wilczek , Mariann								
New York Power Authority	State Power Authorities	✓ Antinori , Andrew	Boyle, Bob	✓ Lundin , Tim	✓ Mahoney , Daniel						
Bath Electric, Gas & Water Systems	Municipalities and Coops	Hallgren , Guy	✓ Bolbrock, Richard	Cordeiro, Mark							
Freeport Electric	Municipalities and Coops	Livingston , Al	Kimlingen, Ted	✓ Rudebusch, Tom	Fiore , Chris						
Jamestown Board of Public Utilities	Municipalities and Coops	Gustafson, David	Leathers, David	Kulig, Steve	✓ Rudebusch, Tom	Sellstrom , Kris					
Lake Placid Village	Municipalities and Coops	Kroha, Peter	✓ Bolbrock, Richard	Cordeiro, Mark							
Municipal Commission of Boonville	Municipalities and Coops	Stabb, Kenneth	✓ Bolbrock, Richard	Cordeiro, Mark							
Plattsburgh Municipal Lighting Dept	Municipalities and Coops	Treacy, William	✓ Bolbrock, Richard	Cordeiro, Mark							
Village of Arcade	Municipalities and Coops	Kilburn, Larry	✓ Bolbrock, Richard	Cordeiro, Mark							
Village of Fairport	Municipalities and Coops	Hegarty , Matt	✓ Bolbrock, Richard	Cordeiro, Mark							
Village of Rockville Centre	Municipalities and Coops	Andreas , Philip	Cardile , Thomas	✓ Rudebusch, Tom							
Village of Solvay	Municipalities and Coops	Hawksby , Joe	✓ Bolbrock, Richard	Cordeiro, Mark							
Village of Westfield	Municipalities and Coops	Thompson , Andrew	✓ Bolbrock, Richard	Cordeiro, Mark							
American Lung Association	Environmental	Epstein , Roni	Seilback, Michaek	Morris, Jackson							
American Wind Energy Association	Environmental	Reynolds , Anne	Gramlich, Robert	Beck , Betsy	Goggin , Michael	Gohn , Andrew	Grace , Gene				
Environmental Advocates	Environmental	✓ Bambrick , Conor	Epstein , Roni	Morris, Jackson							
Environmental Defense Fund	Environmental	Christian , Rory	Stein , Elizabeth								
Natural Resources Defense Council	Environmental	Farmer , Miles	Morris, Jackson	Viswanathan@nrdc.org , Kala							
PACE Energy & Climate Center	Environmental	Martin , Nicholas	Valova , Radina	Farmer , Miles							
Riverkeeper	Environmental	Gallay , Paul	Jones , Abigail	Doran , Erin							
AEP On-Site Partners, LLC	Non Voting	Jansen , Joel	Kakodkar , Guatam								
AES ES Holdings LLC	Non Voting	Hillman , Sharon	Kumaraswamy , Kiran								
Acadia Center	Non Voting	Howland , Jamie	Malone , Leslie								
Acadia Energy Corporation	Non Voting	Rappaport , Jason	Bay , John								
Advanced Energy Economy, Inc.	Non Voting	Katofsky , Ryan	Waggoner , Danny								
Advanced Migrogrid Solutions, Inc.	Non Voting	Jackson , Mike	Yamout , Manal								
Alliance for Clean Energy New York	Non Voting	Reynolds , Anne	Dufresne , Zach								
Anbaric Northeast Transmission Development Co.	Non Voting	Sanderson , Barry									
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									
Boston Energy Marketing & Trading	Non Voting	Kramek , Mike									
Bruce Power	Non Voting	Viswanathan , Samira	Meyer , Sandra								
Caithness Energy LLC	Non Voting	Keevill , Gary	Alvarez , Asavari	Garber, Mitchell							
Calpine Energy Solutions	Non Voting	Sun , Jungsuk	Nakhonthap , Jade	Sunga , Leonard							
Canandaigua Power Partners, LLC	Non Voting	Keene , John	Gaddes , Caleb								
Chesapeake Trading Group, LLC	Non Voting	Staska , Stephanie	Hocker , Geoff								
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						
Cypress Creek Renewables	Non Voting	Hyte, Noah	Salehian, Afshin								
Demand Energy Networks	Non Voting	Staker, Doug	Cook-Coyle, Jeff								
Earth Networks	Non Voting	Crawford, Jaden									
Energya VM	Non Voting	Garcia, Francisco	Maeso, Manual	Lopez, Ana	Silveira, Juan						
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								
Iberdrola Renewables Inc	Non Voting	Allen, Thresa									
Innovari, Inc.	Non Voting	Lunt, Robin	Hodges, Brent								
Institute for Policy Integrity at NYU School of Law	Non Voting	Unel, Burcin	Noll, Bethany								
Key Capture Energy	Non Voting	Fitzgerald, Dan	Bishop, Jeff								
MAG Energy Solutions, Inc.	Non Voting	Pelletier, Simon	Veziina, Alexandre								
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	Novak, Michael	Eck, Robert								
New Athens Generating Co. LLC	Non Voting	DeVinney, Dan									
Northeast Clean Heat & Power Initiative	Non Voting	Venkataraman, Sree	Lilian, Jon	Dwyer, Herb	Brown, Ruben	Cinadr, Matt	Martin, Nicholas	Villegas, Cristina			
Northline Utilities LLC	Non Voting	McKinney, Jeff	Danskin, Susan								
NuEnergien	Non Voting	Hamilton, Sandy	Korczykowski, Ryan								
Power Supply Services LLC	Non Voting	Phillips, Gabriel	✓ Abend, Erik								
RBC Energy Services, LP	Non Voting	Burnham, Steve	Fraiture, Christian	Doolittle, Robin							
RENEW Northeast	Non Voting	Pullaro, Francis	Krich, Abigail								
RES Americas, Inc.	Non Voting	Fernandes, John	Boyd, Dan								
Red Wolf Energy Trading, LLC	Non Voting	Sharma, Rishi									
Richard P. Felak	Non Voting	Felak, Rich									
STEM, Inc.	Non Voting	Ko, Ted									
Saracen Energy East LP	Non Voting	Peebles, Andy									
Siemens Energy, Inc.	Non Voting	Feltes, James									
SolarCity Corporation	Non Voting	Watson, Betty	Khan, Jamil	Reinhardt, Jessica							
Stephentown Spindle, LLC	Non Voting	Hebert, Chris									
Taylor Biomass Energy, LLC	Non Voting	Taylor, Jim	Page, Allan								
Tesla Motors, Inc.	Non Voting	Burson, Kate	Van Cleve, Sarah								
TransAlta Energy Marketing (U.S.) Inc.	Non Voting	Nivolianitis, Ted									
Transmission Developers Inc.	Non Voting	Jessome, Donald	Helmer, William	Dave, Suresh							
Transource New York, LLC	Non Voting	Burkholder, Joshua									
William P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					