

Business Issues Committee Meeting

June 20, 2018
Final Motions

Motion #1:

Motion to approve the May 16, 2018 meeting Minutes.

Motion passed unanimously.

Motion #2:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee approve revisions to the Open Access Transmission Tariff and the Market Administration and Control Area Services Tariff, as more fully described in the presentation entitled “Historic Fixed Price TCC Extensions” made to the BIC on June 20, 2018.

Motion passed by majority show of hands.

Motion #3:

WHEREAS, the Electric System Planning Working Group (“ESPWG”) and Transmission Planning Advisory Subcommittee (“TPAS”) have held a series of meetings with NYISO Staff to discuss and review the studies and analyses underlying the NYISO’s findings regarding the AC Transmission Public Policy Transmission Needs; and

WHEREAS, NYISO Staff has posted a draft AC Transmission Public Policy Transmission Planning Report dated June 13, 2018, including Appendices (“Draft Report”), for the June 20, 2018 Business Issues Committee (“BIC”) meeting; and

WHEREAS, NYISO Staff has incorporated modifications to the Draft Report based on comments received at six joint ESPWG-TPAS meetings from April 5, 2018 through June 14, 2018 and based on written comments received from stakeholders during that time period;

Whereas, NYISO staff has presented the Draft Report to the BIC at its June 20, 2018 meeting for an advisory vote;

NOW, THEREFORE, based on the posted Draft Report and the presentation made by the NYISO and discussion at the June 20, 2018 BIC meeting, the BIC hereby recommends that the Management Committee recommend approval of the Draft Report by the NYISO Board of Directors.

Motion passed with 76.33% affirmative votes.

New York Independent System Operator
Business Issues Committee - June 20, 2018

Motion: Motion #AC

Result: Motion Passed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against	
Generation Owners	21.50	✓	✓	21.50	5.00	0.00	2.00	21.50	0.00	
Other Suppliers	21.50	✓	✓	21.50	7.00	0.00	7.00	21.50	0.00	
Transmission Owners	20.00	✓	✓	20.00	0.00	3.00	1.00	0.00	20.00	
End Use Consumer			✓							
Large Consumer	9.00	✓		9.00	0.00	0.00	5.00	0.00	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	7.00	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	2.00	0.00	0.00	8.00	0.00	
Munis & Co-ops	7.00	✓		7.00	11.00	0.00	0.00	7.00	0.00	
Environmental	2.00	✓		2.00	2.00	0.00	0.00	2.00	0.00	
				5	100.00	30.00	3.00	22.00	64.50	20.00
					100.00	Normalize to 100% :		76.33	23.67	

New York Independent System Operator

Business Issues Committee - June 20, 2018

Motion: Motion #AC

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		N	N	0.00	0.00
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	Brodbeck, John	N	Y	1.00	0.00
Generation Owners	Cricket Valley Energy Center	Schwall, Matt	N	Y	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	Antinori, Andy	N	Y	1.00	0.00
Generation Owners	Howard Wind LLC		N	N	0.00	0.00
Generation Owners	Bayonne Energy Center, LLC	Allman, Ellen	N	Y	0.00	0.00
Generation Owners	Helix Ravenswood LLC	Willick, Lawrence	N	Y	1.00	0.00
Generation Owners	Empire Generating Co, LLC		N	N	0.00	0.00
Generation Owners	Danskammer Energy, 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	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	Antinori, Andy	N	Y	1.00	0.00
Other Suppliers	DTE Energy	German, Robert	N	Y	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	1.00	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	Ackerman, Alan	N	Y	1.00	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	Picardi, Matt	N	Y	0.00	0.00
Other Suppliers	TransCanada Power Marketing, Ltd.		N	N	0.00	0.00
Other Suppliers	BP Energy Company	Ackerman, Alan	N	Y	0.00	0.00
Other Suppliers	EDF Trading North America, LLC		N	N	0.00	0.00
Other Suppliers	NextEra Energy	Gibelli, Stephen	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
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	Lyonsdale Biomass, LLC		Y	N	0.00	0.00

Sector	Organization	Representative	Affiliate	Present	For	Against
Other Suppliers	Direct Energy Business Marketing, LLC	Galarneau, Kenneth	N	Y	0.00	0.00
Other Suppliers	Energy Technology Savings	Ross, Valerie	N	Y	1.00	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	Hohenshilt, Jennifer	N	Y	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	Dynegy Marketing and Trade		N	N	0.00	0.00
Other Suppliers	Brookfield Energy Marketing L.P.	LaRoe, Chris	N	Y	1.00	0.00
Other Suppliers	Eastern Generation	Baker, Liam	N	Y	1.00	0.00
Other Suppliers	BioUrja Power, LLC		N	N	0.00	0.00
Other Suppliers	Drift Marketplace, Inc.		N	N	0.00	0.00
Other Suppliers	ENGIE Energy Marketing NA, Inc.		Y	N	0.00	0.00
Transmission Owners	New York State Electric & Gas (NYSEG)	Caletka, Patricia	N	Y	0.00	1.00
Transmission Owners	Central Hudson Gas & Electric Corp.	Borchert, John	N	Y	0.00	0.00
Transmission Owners	Consolidated Edison Co. of NY, Inc.	Quin, Jane	N	Y	0.00	1.00
Transmission Owners	National Grid	Janzen, Margaret	N	Y	0.00	1.00
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.	Trinsey, Amanda	N	Y	0.00	0.00
End Use - Large Consumer	IBM Corporation	Trinsey, Amanda	N	Y	0.00	0.00
End Use - Large Consumer	Occidental Chemical Corp.	Trinsey, Amanda	N	Y	0.00	0.00
End Use - Large Consumer	Wegmans Food Markets	Trinsey, Amanda	N	Y	0.00	0.00
End Use - Large Consumer	Nucor Steel Auburn, Inc.	Brew, James	N	Y	0.00	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	Morris, Jackson	N	Y	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	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	Wentlent, Chris	N	Y	1.00	0.00
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	Wentlent, Chris	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Municipal Commission of Boonville	Wentlent, Chris	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Plattsburgh Municipal Lighting Dept	Wentlent, Chris	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Westfield	Wentlent, Chris	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Solvay	Wentlent, Chris	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Arcade	Wentlent, Chris	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Fairport	Wentlent, Chris	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Rockville Centre	Rudebusch, Tom	N	Y	1.00	0.00
Public Power - Environmental	American Wind Energy Association		N	N	0.00	0.00
Public Power - Environmental	Environmental Advocates	Morris, Jackson	N	Y	1.00	0.00
Public Power - Environmental	Natural Resources Defense Council	Morris, Jackson	N	Y	1.00	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

Sector	Organization	Representative	Affiliate	Present	For	Against
Public Power - Environmental	Environmental Defense Fund		N	N	0.00	0.00

New York Independent System Operator - Committee Membership

Business Issues Committee - June 20, 2018 - NYISO - 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	✓Caplan, Stu							
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	Davis, Charles	Wallenstein, Arnold	Paryl, Ron						✓Schwall, Matt	
Danskammer Energy, LLC	Generation Owners	Reid, William	Cada, Eric								
EDP Renewables North America LLC	Generation Owners	✓Brodbeck, John	Kaplan, Seth	Nemeth, Jeffrey	High, Jeremy	Priemer, Dustin				✓Picardi, Matt	
East Coast Power, LLC	Generation Owners	Shanker, Roy	Fogarty, Thomas	Lee, Tina	Franzetti, Paul						
Empire Generating Co, LLC	Generation Owners	Nuss, Kurt	Argetsinger, Andrew	Willson, Darrell	Swenson, Nils						
Entergy Nuclear Northeast	Generation Owners	Dell Orto, Ken	✓Saia, Doreen	Bergeron, John							
Helix Ravenswood LLC	Generation Owners	D'Andrea, James	Kline, Marc	DiBari, Dominic						✓Willick, Lawrence	
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								
Invenery 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	Gregson, Brian	Goodenough, Jeery	Evanoski, Dave						✓Antinori, Andy	
BJ Energy LLC	Other Suppliers	Ni, Bing	Lee, George								
BP Energy Company	Other Suppliers	Chintapalli, Raj	Magruder, Kathy	✓Ackerman, Alan							
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	Barlette, Richard	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				✓Antinori, Andy	
DTE Energy	Other Suppliers	Pakela, Gregory	Wieszczyk, Raymond	✓German, Robert							
Direct Energy Business Marketing, LLC	Other Suppliers	✓Galarneau, Kenneth	Philips, Marjorie	Comstock, Read							
Drift Marketplace, Inc.	Other Suppliers	Tilley, Alan	Robinson, Greg								
Dynegy Marketing and Trade	Other Suppliers	Frazier, Amanda	Allen, Sean								
EDF Trading North America, LLC	Other Suppliers	Erbrick, Michael	LeForce, Randall								
ENGIE Energy Marketing NA, Inc.	Other Suppliers	Levine, Jeffrey	Hawkins, Darin	Campbell, Chad							
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	Barlette, Richard	Kirk, Steven							✓Ackerman, Alan	
Galt Power	Other Suppliers	Fernands, Rochelle	✓Ackerman, Alan								
HQ Energy Services US	Other Suppliers	✓Plante, Matthieu	✓Leuthauser, Scott	Guilbault, Louis	Bélanger, Frédéric						
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	Frye, Samuel							
Morgan Stanley Capital Group, Inc.	Other Suppliers	Murray, Patrick	Kochonies, Karen	Ezickson, Doron							
NRG Power Marketing Inc.	Other Suppliers	Hsia, Jennifer	Cona, Lisa	Kranz, Bradley							
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							
Ontario Power Generation, Inc.	Other Suppliers	Lacivita, Ken	Gell, Richard	Barr, David	Sheinfield, Joel						
PSEG Energy Resource & Trade, LLC	Other Suppliers	Fromer, Howard	DePillo, Raymond	Cimino, David	Murawski, James						
Riverbay Corporation	Other Suppliers	Merola, Peter	Ellison, Noel								
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	Raggio, Debra							
TransCanada Power Marketing, Ltd.	Other Suppliers	Cahill, Paul	Schuler, Richard	Murphy, Tonya							

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
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	✓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										
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	Mackaronis , Chris								
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				✓Hogan, Erin	
Association for Energy Affordability	Small Consumer	Strauss , Valerie	Hepinstall, David	Farmer , Miles						✓Morris, Jackson	
Beth Israel Health Care System	Small Consumer	Luthin, Catherine	Breidenbaugh , Aaron	✓Lang, Kevin	Mager, Michael	✓Trinsey , Amanda				✓Hogan, Erin	
Fordham University	Small Consumer	Luthin, Catherine	Breidenbaugh , Aaron	✓Lang, Kevin	Mager, Michael	✓Trinsey , Amanda				✓Hogan, Erin	
Memorial Sloan Kettering Cancer Center	Small Consumer	Luthin, Catherine	Breidenbaugh , Aaron	✓Lang, Kevin	Mager, Michael	✓Trinsey , Amanda				✓Hogan, Erin	
Mount Sinai Medical Center	Small Consumer	Luthin, Catherine	Breidenbaugh , Aaron	✓Lang, Kevin	Mager, Michael	✓Trinsey , Amanda				✓Hogan, Erin	
New York University	Small Consumer	Luthin, Catherine	Breidenbaugh , Aaron	✓Lang, Kevin	Mager, Michael	✓Trinsey , Amanda				✓Hogan, Erin	
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	✓Lundin , Tim	✓Mahoney , Daniel							
Bath Electric, Gas & Water Systems	Municipalities and Coops	Bonacci , Erin	✓Wentlent, Chris	Cordeiro, Mark							
Freeport Electric	Municipalities and Coops	Livingston , Al	Kimlingen, Ted	✓Rudebusch, Tom	Fiore , Chris					✓Hogan, Erin	
Jamestown Board of Public Utilities	Municipalities and Coops	Sellstrom , Kris	Leathers, David	Allen , Cory	✓Rudebusch, Tom					✓Hogan, Erin	
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						✓Hogan, Erin	
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	Beck , Betsy	Goggin , Michael	Grace , Gene					
Environmental Advocates	Environmental	Bambrick , Conor	Farmer , Miles	✓Morris, Jackson							
Environmental Defense Fund	Environmental	Christian , Rory	Stein , Elizabeth								
Natural Resources Defense Council	Environmental	Farmer , Miles	✓Morris, Jackson	De Costanzo , Donna						✓Ayyagari, Sneha	
PACE Energy & Climate Center	Environmental	Musgrove , Sheryl	Taylor , Geordi	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	Howe , Cullen								
Acadia Energy Corporation	Non Voting	Rappaport , Jason	Bay , John								
Alliance for Clean Energy New York	Non Voting	Reynolds , Anne	Dufresne , Zach	Reeder , Mark							
Anbaric Northeast Transmission Development Co.	Non Voting	Sanderson , Barry	Kosel , Howard								
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								
Boston Energy Marketing & Trading	Non Voting	✓Kramek , Mike									
Bruce Power	Non Voting	Jain , Anshul	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								
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	Kohlstedt , Kevin	Kemp , Melissa	Salehian , Afshin							
Earth Networks	Non Voting	Crawford , Jaden									
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	Noll , Bethany								
Key Capture Energy	Non Voting	Fitzgerald , Dan	Bishop , Jeff								
MAG Energy Solutions, Inc.	Non Voting	Pelletier , Simon	Vezina, Alexandre								
NRG Curtailment Solutions, Inc.	Non Voting	Popova , Julia	Ainspan , Malcolm	Pieniasek, 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	Tripp , Hank									
North America Transmission, LLC	Non Voting	✓ Willick , Lawrence	✓ York , Joshua								
Northeast Clean Heat & Power Initiative	Non Voting	Venkataraman , Sree	Brown, Ruben	Cinadr , Matt	Dwyer , Herb						
Northline Utilities LLC	Non Voting	McKinney , Jeff	Danskin , Susan								
NuEnergen	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	Christian , Adam									
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									
Stephentown Spindle, LLC	Non Voting	Hebert , Chris									
Taylor Biomass Energy, LLC	Non Voting	Taylor , Jim	Page , Allan								
Teichos Energy, LLC	Non Voting	Maclearnsberry , Kirk	VanCoevering , Darrel								
Tesla Motors, Inc.	Non Voting	Burson , Kate	Van Cleve , Sarah	Watson , Betty							
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					