

Business Issues Committee Meeting

February 12, 2014

Final Motions

Motion #1:

Motion to approve the Minutes of the December 2013 and January 2014 BIC meetings.

Motion passed unanimously.

Motion #2:

The Business Issues Committee (BIC) hereby approves revisions to the Installed Capacity Manual as presented at the February 12, 2014 BIC Meeting.

Motion passed by majority with abstentions.

Motion #3:

The Business Issues Committee (BIC) recommends that the Management Committee approve the proposal “Defining Outage States to Include Mothball Outage; including the accompanying tariff revisions,” as presented to, and discussed at, the Business Issues Committee this February 12, 2014; provided, however, that the tariff revisions shall remain subject to further discussion and potential modification based on discussions at the Business Issues Committee prior to the Management Committee’s consideration of this proposal. And as further amended by the following:

The Business Issues Committee hereby authorizes the NYISO to further revise the NYISO tariff so that a Market Participant with a Generator in Mothball Outage or ICAP Ineligible Forced Outage that has Commenced Repair in accordance with applicable provisions of Section 5.17.1.4 of the Services Tariff and the estimated return to service date occurs after the date the outage would expire then the outage and its CRIS rights will be tolled until either: i) the Repair Plan has been completed and the Generator returns to service; or ii) the ISO has determined that the Market Participant has ceased or unreasonably delayed the repair of its Generator; provided, however, that in no event shall such tolling exceed a period of 120 days beyond the date the Generator’s CRIS rights would have otherwise expired. The ISO will determine if a Market Participant has unreasonably delayed the repair of its Generator if such delay would not have been included in a Credible Repair Plan from a supplier experiencing the situation which caused the Market Participant to delay the repair of its Generator.

Motion passed with 73.12% affirmative votes.

Motion #3A:

Motion to amend motion 3 to include:

The Business Issues Committee hereby authorizes the NYISO to further revise the NYISO tariff so that a Market Participant with a Generator in Mothball Outage or ICAP Ineligible Forced Outage that has Commenced Repair in accordance with applicable provisions of Section 5.17.1.4 of the Services Tariff and the estimated return to service date occurs after the date the outage would expire then the outage and its CRIS rights will be tolled until either: i) the Repair Plan has been completed and the Generator returns to service; or ii) the ISO has

determined that the Market Participant has ceased or unreasonably delayed the repair of its Generator; provided, however, that in no event shall such tolling exceed a period of 120 days beyond the date the Generator's CRIS rights would have otherwise expired. The ISO will determine if a Market Participant has unreasonably delayed the repair of its Generator if such delay would not have been included in a Credible Repair Plan from a supplier experiencing the situation which caused the Market Participant to delay the repair of its Generator.

Motion passed with 65.60% affirmative votes.

New York Independent System Operator
Business Issues Committee - February 12, 2014

Motion: Motion #Unfriendly

Result: Motion Passed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against	
Generation Owners	21.50	✓	✓	21.50	0.00	5.00	1.00	0.00	21.50	
Other Suppliers	21.50	✓	✓	21.50	2.00	3.00	10.00	8.60	12.90	
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	4.00	0.00	1.00	10.33	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	6.00	0.00	1.00	5.17	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	9.07	0.00	
Munis & Co-ops	7.00	✓		7.00	11.00	0.00	0.00	7.93	0.00	
Environmental	2.00	✓		2.00	0.00	0.00	5.00	0.00	0.00	
				5	100.00	32.00	8.00	18.00	65.60	34.40
					100.00	Normalize to 100% :		65.6	34.4	

New York Independent System Operator

Business Issues Committee - February 12, 2014

Motion: Motion #Unfriendly

Result: Motion Passed

Sector	Organization	Representative	Affiliate	Present	For	Against
Generation Owners	Indeck Energy Services, Inc.	Younger, Mark	N	Y	0.00	1.00
Generation Owners	Astoria Energy LLC		N	N	0.00	0.00
Generation Owners	Calpine	LaRoe, Chris	N	Y	0.00	1.00
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	0.00	1.00
Generation Owners	Innovative Energy Systems		N	N	0.00	0.00
Generation Owners	New Athens Generating Co. LLC		N	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	TC Ravenswood, Inc.	DAndrea, James	N	Y	0.00	0.00
Generation Owners	EDP Renewables North America LLC		N	N	0.00	0.00
Generation Owners	Cricket Valley Energy Center		N	N	0.00	0.00
Generation Owners	Invenergy Energy Management LLC	Ma, Alex	N	Y	0.00	1.00
Generation Owners	National Grid Generation LLC		Y	N	0.00	0.00
Generation Owners	Somerset Operating Company, LLC	Evanoski, Dave	N	Y	0.00	1.00
Generation Owners	Howard Wind LLC		N	N	0.00	0.00
Generation Owners	Stephentown Spindle, LLC		N	N	0.00	0.00
Other Suppliers	Hess Corporation		N	N	0.00	0.00
Other Suppliers	BJ Energy LLC		N	N	0.00	0.00
Other Suppliers	Brookfield Energy Marketing	Francis, Frank	N	Y	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		Y	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	Dynegy Power Marketing, Inc.		N	N	0.00	0.00
Other Suppliers	Energy Curtailment Specialists		Y	N	0.00	0.00
Other Suppliers	Energy Spectrum	Ahrens, David	N	Y	1.00	0.00
Other Suppliers	EnerNoc	Bissell, Garrett	N	Y	0.00	0.00
Other Suppliers	Galt Power	Ackerman, Alan	N	Y	0.00	0.00
Other Suppliers	HQ Energy Services US	Leuthauser, Scott	N	Y	0.00	0.00
Other Suppliers	Integrus Energy Services of New York, Inc		N	N	0.00	0.00
Other Suppliers	Morgan Stanley Capital Group, Inc.		N	N	0.00	0.00
Other Suppliers	NRG Power Marketing Inc.	Johnson, Shaun	N	Y	0.00	0.00
Other Suppliers	Ontario Power Generation, Inc.		N	N	0.00	0.00
Other Suppliers	Exelon Generating Co. LLC	McCartney, Glen	N	Y	0.00	1.00
Other Suppliers	PPL EnergyPlus, LLC		N	N	0.00	0.00
Other Suppliers	PSEG Energy Resource & Trade, LLC	Fromer, Howard	N	Y	0.00	1.00
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.		Y	N	0.00	0.00
Other Suppliers	U.S. Power Generating Co.	Baker, Liam	N	Y	0.00	1.00
Other Suppliers	J.P. Morgan Ventures Energy Corporatio		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	Iberdrola Renewables Inc		Y	N	0.00	0.00

Sector	Organization	Representative	Affiliate	Present	For	Against
Other Suppliers	NextEra Energy		N	N	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	GDF Suez Energy NA, Inc.		Y	N	0.00	0.00
Other Suppliers	Viridity Energy, Inc.	Bissell, Garrett	N	Y	0.00	0.00
Other Suppliers	Riverbay Corporation	Ahrens, David	N	Y	1.00	0.00
Other Suppliers	Comverge/Enerwise Global Technologies	Ackerman, Alan	N	Y	0.00	0.00
Other Suppliers	Edison Mission Marketing & Trading, Inc.	Kramek, Mike	N	Y	0.00	0.00
Other Suppliers	EnergyConnect	Lawrence, David	N	Y	0.00	0.00
Other Suppliers	Twin Cities Power LLC		N	N	0.00	0.00
Other Suppliers	Covanta Niagara LP		N	N	0.00	0.00
Other Suppliers	Castleton Commodities Merchant Trading L.P.		N	N	0.00	0.00
Other Suppliers	Great Bay Energy IV, LLC		N	N	0.00	0.00
Other Suppliers	BlueRock Energy, Inc.		N	N	0.00	0.00
Other Suppliers	Hess Energy Marketing, LLC	Philips, Marjorie	N	Y	0.00	0.00
Other Suppliers	Noble Americas Gas & Power Corp.		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.	Miller, Richard	N	Y	1.00	0.00
Transmission Owners	National Grid	Franey, Bart	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.	Bissell, Garrett	N	Y	1.00	0.00
End Use - Large Consumer	Atco Properties & Management, Inc		N	N	0.00	0.00
End Use - Large Consumer	IBM Corporation	Bissell, Garrett	N	Y	1.00	0.00
End Use - Large Consumer	Occidental Chemical Corp.	Bissell, Garrett	N	Y	1.00	0.00
End Use - Large Consumer	Wegmans Food Markets	Bissell, Garrett	N	Y	1.00	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	Dowling, John	N	Y	1.00	0.00
End Use - Small Consumer	Beth Israel Health Care System	Dowling, John	N	Y	1.00	0.00
End Use - Small Consumer	Fordham University	Dowling, John	N	Y	1.00	0.00
End Use - Small Consumer	Memorial Sloan Kettering Cancer Center	Dowling, John	N	Y	1.00	0.00
End Use - Small Consumer	Mount Sinai Medical Center	Dowling, John	N	Y	1.00	0.00
End Use - Small Consumer	New York Presbyterian Hospital		N	N	0.00	0.00
End Use - Small Consumer	New York University	Dowling, John	N	Y	1.00	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	Rigberg, Saul	N	Y	1.00	0.00
End Use - Gov. Sm. Cons. & Retail Aggr.	City of New York - Energy Conservation	Bissell, Garrett	N	Y	1.00	0.00
End Use - Gov. Sm. Cons. & Retail Aggr.	NYS Energy Research & Dev. Authority	Hogan, Erin	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	Boyle, Bob	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Bath Electric, Gas & Water Systems	Bolbrock, Richard	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	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Municipal Commission of Boonville	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Plattsburgh Municipal Lighting Dept	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Westfield	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Solvay	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Arcade	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Fairport	Bolbrock, Richard	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 Lung Association	Morris, Jackson	N	Y	0.00	0.00
Public Power - Environmental	American Wind Energy Association		N	N	0.00	0.00

Sector	Organization	Representative	Affiliate	Present	For	Against
Public Power - Environmental	Environmental Advocates	Morris, Jackson	N	Y	0.00	0.00
Public Power - Environmental	Natural Resources Defense Council	Morris, Jackson	N	Y	0.00	0.00
Public Power - Environmental	PACE Energy & Climate Center	Morris, Jackson	N	Y	0.00	0.00
Public Power - Environmental	Riverkeeper	Morris, Jackson	N	Y	0.00	0.00

New York Independent System Operator
Business Issues Committee - February 12, 2014

Motion: Motion #Mothball

Result: Motion Passed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against	
Generation Owners	21.50	✓	✓	21.50	0.00	6.00	0.00	0.00	21.50	
Other Suppliers	21.50	✓	✓	21.50	9.00	3.00	3.00	16.12	5.38	
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	10.33	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	7.00	0.00	0.00	5.17	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	5.00	0.00	0.00	2.00	0.00	
				5	100.00	46.00	9.00	3.00	73.12	26.88
					100.00	Normalize to 100% :		73.12	26.88	

New York Independent System Operator

Business Issues Committee - February 12, 2014

Motion: Motion #Mothball

Result: Motion Passed

Sector	Organization	Representative	Affiliate	Present	For	Against
Generation Owners	Indeck Energy Services, Inc.	Younger, Mark	N	Y	0.00	1.00
Generation Owners	Astoria Energy LLC		N	N	0.00	0.00
Generation Owners	Calpine	LaRoe, Chris	N	Y	0.00	1.00
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	0.00	1.00
Generation Owners	Innovative Energy Systems		N	N	0.00	0.00
Generation Owners	New Athens Generating Co. LLC		N	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	TC Ravenswood, Inc.	DAndrea, James	N	Y	0.00	1.00
Generation Owners	EDP Renewables North America LLC		N	N	0.00	0.00
Generation Owners	Cricket Valley Energy Center		N	N	0.00	0.00
Generation Owners	Invenergy Energy Management LLC	Ma, Alex	N	Y	0.00	1.00
Generation Owners	National Grid Generation LLC		Y	N	0.00	0.00
Generation Owners	Somerset Operating Company, LLC	Evanoski, Dave	N	Y	0.00	1.00
Generation Owners	Howard Wind LLC		N	N	0.00	0.00
Generation Owners	Stephentown Spindle, LLC		N	N	0.00	0.00
Other Suppliers	Hess Corporation		N	N	0.00	0.00
Other Suppliers	BJ Energy LLC		N	N	0.00	0.00
Other Suppliers	Brookfield Energy Marketing	Francis, Frank	N	Y	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		Y	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	Dynegy Power Marketing, Inc.		N	N	0.00	0.00
Other Suppliers	Energy Curtailment Specialists		Y	N	0.00	0.00
Other Suppliers	Energy Spectrum	Ahrens, David	N	Y	1.00	0.00
Other Suppliers	EnerNoc	Bissell, Garrett	N	Y	1.00	0.00
Other Suppliers	Galt Power	Ackerman, Alan	N	Y	0.00	0.00
Other Suppliers	HQ Energy Services US	Leuthauser, Scott	N	Y	1.00	0.00
Other Suppliers	Integrus Energy Services of New York, Inc		N	N	0.00	0.00
Other Suppliers	Morgan Stanley Capital Group, Inc.		N	N	0.00	0.00
Other Suppliers	NRG Power Marketing Inc.	Johnson, Shaun	N	Y	1.00	0.00
Other Suppliers	Ontario Power Generation, Inc.		N	N	0.00	0.00
Other Suppliers	Exelon Generating Co. LLC	McCartney, Glen	N	Y	0.00	1.00
Other Suppliers	PPL EnergyPlus, LLC		N	N	0.00	0.00
Other Suppliers	PSEG Energy Resource & Trade, LLC	Fromer, Howard	N	Y	0.00	1.00
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.		Y	N	0.00	0.00
Other Suppliers	U.S. Power Generating Co.	Baker, Liam	N	Y	0.00	1.00
Other Suppliers	J.P. Morgan Ventures Energy Corporatio		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	Iberdrola Renewables Inc		Y	N	0.00	0.00

Sector	Organization	Representative	Affiliate	Present	For	Against
Other Suppliers	NextEra Energy		N	N	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	GDF Suez Energy NA, Inc.		Y	N	0.00	0.00
Other Suppliers	Viridity Energy, Inc.	Bissell, Garrett	N	Y	1.00	0.00
Other Suppliers	Riverbay Corporation	Ahrens, David	N	Y	1.00	0.00
Other Suppliers	Comverge/Enerwise Global Technologies	Ackerman, Alan	N	Y	1.00	0.00
Other Suppliers	Edison Mission Marketing & Trading, Inc.	Kramek, Mike	N	Y	1.00	0.00
Other Suppliers	EnergyConnect	Lawrence, David	N	Y	1.00	0.00
Other Suppliers	Twin Cities Power LLC		N	N	0.00	0.00
Other Suppliers	Covanta Niagara LP		N	N	0.00	0.00
Other Suppliers	Castleton Commodities Merchant Trading L.P.		N	N	0.00	0.00
Other Suppliers	Great Bay Energy IV, LLC		N	N	0.00	0.00
Other Suppliers	BlueRock Energy, Inc.		N	N	0.00	0.00
Other Suppliers	Hess Energy Marketing, LLC	Philips, Marjorie	N	Y	0.00	0.00
Other Suppliers	Noble Americas Gas & Power Corp.		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.	Miller, Richard	N	Y	1.00	0.00
Transmission Owners	National Grid	Franey, Bart	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.	Bissell, Garrett	N	Y	1.00	0.00
End Use - Large Consumer	Atco Properties & Management, Inc		N	N	0.00	0.00
End Use - Large Consumer	IBM Corporation	Bissell, Garrett	N	Y	1.00	0.00
End Use - Large Consumer	Occidental Chemical Corp.	Bissell, Garrett	N	Y	1.00	0.00
End Use - Large Consumer	Wegmans Food Markets	Bissell, Garrett	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	Dowling, John	N	Y	1.00	0.00
End Use - Small Consumer	Beth Israel Health Care System	Dowling, John	N	Y	1.00	0.00
End Use - Small Consumer	Fordham University	Dowling, John	N	Y	1.00	0.00
End Use - Small Consumer	Memorial Sloan Kettering Cancer Center	Dowling, John	N	Y	1.00	0.00
End Use - Small Consumer	Mount Sinai Medical Center	Dowling, John	N	Y	1.00	0.00
End Use - Small Consumer	New York Presbyterian Hospital		N	N	0.00	0.00
End Use - Small Consumer	New York University	Dowling, John	N	Y	1.00	0.00
End Use - Small Consumer	Association for Energy Affordability	Morris, Jackson	N	Y	1.00	0.00
End Use - Gov. State-wide Cons. Advocate	Utility Intervention Unit, Division of Consumer Protection, NY Dept. of State	Rigberg, Saul	N	Y	1.00	0.00
End Use - Gov. Sm. Cons. & Retail Aggr.	City of New York - Energy Conservation	Bissell, Garrett	N	Y	1.00	0.00
End Use - Gov. Sm. Cons. & Retail Aggr.	NYS Energy Research & Dev. Authority	Hogan, Erin	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	Boyle, Bob	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Bath Electric, Gas & Water Systems	Bolbrock, Richard	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	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Municipal Commission of Boonville	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Plattsburgh Municipal Lighting Dept	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Westfield	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Solvay	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Arcade	Bolbrock, Richard	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Fairport	Bolbrock, Richard	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 Lung Association	Morris, Jackson	N	Y	1.00	0.00
Public Power - Environmental	American Wind Energy Association		N	N	0.00	0.00

Sector	Organization	Representative	Affiliate	Present	For	Against
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	Morris, Jackson	N	Y	1.00	0.00
Public Power - Environmental	Riverkeeper	Morris, Jackson	N	Y	1.00	0.00

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Shell Energy North America, LLC	Other Suppliers	Picardi, Matt	French, Dave								
TransCanada Power Marketing, Ltd.	Other Suppliers	Taylor, William	D'Andrea, James	Congel, Dan	Hachey, Mike						
Twin Cities Power LLC	Other Suppliers	Staska , Stephanie	Dube , Alex								
U.S. Power Generating Co.	Other Suppliers	✓Baker, Liam	Reese, John							✓Younger, Mark	
Viridity Energy, Inc.	Other Suppliers	Wolfe , Sam	Pavo , Mike	Freifeld , Allen						✓Bissell, Garrett	
Vitol Inc.	Other Suppliers	Wadsworth , Joe	Viola , Bob	Kam , Kenney							
Central Hudson Gas & Electric Corp.	Transmission Owners	✓Borchert , John	Chan, Ting	Marley, Bruce	Seitz, Diane						
Consolidated Edison Co. of NY, Inc.	Transmission Owners	✓Miller, Richard	Nachmias, Stuart	Altabell, Deidre	Butler , Scott	Butterklee, Neil					✓Quinlin, Pamela
National Grid	Transmission Owners	✓Franey, Bart	Lodemore , David								
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	Loughney, Robert	Mager, Michael	✓Bissell, Garrett	Lang, Kevin						
Atco Properties & Management, Inc	Large Consumer	Diamantopoulos, George	Bomke, David								
IBM Corporation	Large Consumer	Loughney, Robert	Mager, Michael	✓Bissell, Garrett	Lang, Kevin						
Nucor Steel Auburn, Inc.	Large Consumer	✓Brew , James	Radigan, Frank								
Occidental Chemical Corp.	Large Consumer	Loughney, Robert	Mager, Michael	✓Bissell, Garrett	Lang, Kevin						
Wegmans Food Markets	Large Consumer	Loughney, Robert	Mager, Michael	✓Bissell, Garrett	Lang, Kevin						
Metropolitan Transportation Authority	Large Consumer Government Agency	Keller , David	Chou , Frances								
American Sugar Refining, Inc	Small Consumer	George, Quintin	Luthin, Catherine	✓Dowling, John	Loughney, Robert	Mager, Michael	✓Bissell, Garrett				
Association for Energy Affordability	Small Consumer	✓Morris, Jackson	Hepinstall, David	Douglas , Megan						✓Lawrence, David	
Beth Israel Health Care System	Small Consumer	Luthin, Catherine	✓Dowling, John	Loughney, Robert	Mager, Michael	✓Bissell, Garrett					
Fordham University	Small Consumer	✓Dowling, John	Luthin, Catherine	Loughney, Robert	Mager, Michael	✓Bissell, Garrett					
Memorial Sloan Kettering Cancer Center	Small Consumer	✓Dowling, John	Luthin, Catherine	Loughney, Robert	Mager, Michael	✓Bissell, Garrett					
Mount Sinai Medical Center	Small Consumer	Luthin, Catherine	✓Dowling, John	Loughney, Robert	Mager, Michael	✓Bissell, Garrett					
New York Presbyterian Hospital	Small Consumer	Diamantopoulos, George	Bomke, David								
New York University	Small Consumer	Luthin, Catherine	✓Dowling, John	Loughney, Robert	Mager, Michael	✓Bissell, Garrett					
Utility Intervention Unit, Division of Consumer Protection, NY Dept. of State	Government Statewide Consumer Advocate	Vigil , Marcos	✓Rigberg, Saul	Collar , Gregg	✓Panko , Danielle	Battle , Aiesha					
City of New York - Energy Conservation	Government Small Consumer and Retail Aggregate	Delaney, Michael	Lang, Kevin	✓Bissell, Garrett							
NYS Energy Research & Dev. Authority	Government Small Consumer and Retail Aggregate	Williams, John	✓Hogan, Erin	Hall , Chris							
Long Island Power Authority	State Power Authorities	✓Clarke, Dave	✓McNally , Stephen								
New York Power Authority	State Power Authorities	Browne, Scott	Sharif, Maryam	✓Boyle, Bob	Antinori , Andrew						✓Mahoney, Dan
Bath Electric, Gas & Water Systems	Municipalities and Coops	Moore, Ken	✓Bolbrock, Richard	Cordeiro, Mark							
Freeport Electric	Municipalities and Coops	Fiore, Anthony	Kimlingen, Ted	✓Rudebusch, Tom	Fiore , Chris					✓Bolbrock, Richard	
Jamestown Board of Public Utilities	Municipalities and Coops	Gustafson, David	Leathers, David	Kulig, Steve	✓Rudebusch, Tom					✓Bolbrock, Richard	
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	Moore, Ken	✓Bolbrock, Richard	Cordeiro, Mark							
Village of Rockville Centre	Municipalities and Coops	Pallas, Paul	Cardile, Thomas	✓Rudebusch, Tom						✓Bolbrock, Richard	
Village of Solvay	Municipalities and Coops	Mondre, Judith	✓Bolbrock, Richard	Cordeiro, Mark							
Village of Westfield	Municipalities and Coops	Hamilton, James	✓Bolbrock, Richard	Cordeiro, Mark							
American Lung Association	Environmental	✓Morris, Jackson	Seilback, Michaek	O'Neill , Kathleen						✓Lawrence, David	
American Wind Energy Association	Environmental	Strauss, Valerie	Gramlich, Robert								
Environmental Advocates	Environmental	Bambrick , Conor	✓Morris, Jackson	Nadeau , Katherine						Lawrence, David	
Natural Resources Defense Council	Environmental	✓Morris, Jackson	Clements , Allison	Kennedy , Kit						✓Lawrence, David	
PACE Energy & Climate Center	Environmental	Gahl , David	✓Morris, Jackson	Bourgeois, Tom	✓Lawrence , David						
Riverkeeper	Environmental	✓Morris, Jackson	Musegaas , Phillip	Gallay , Paul						✓Lawrence, David	
Ace Energy Company, Inc.	Non Voting	Lynch, Stephen									
Air Energy TCI, Inc.	Non Voting	O'Connor , Brett									
Alliance for Clean Energy New York	Non Voting	Strauss, Valerie									
Anbaric Northeast Transmission Development Co.	Non Voting	Sanderson , Barry									
Beacon Power LLC	Non Voting	Berlinski , Mike	Yu , An	Hebert , Chris							
Boundless Energy, LLC	Non Voting	Tompkins John, E.	Pratt , Charles								
Bruce Power	Non Voting	Viswanathan , Samira	Meyer , Sandra								
CP Energy Marketing (US) Inc.	Non Voting	Bursaw , Christopher	Renouf , James	Kirby , Amber							
Caithness Energy LLC	Non Voting	Keevill , Gary	Delgado , Jeffrey	Garber, Mitchell							
Customized Energy Solutions	Non Voting	✓Mancini, Rick	Fernands, Stephen	Rexrode, Caryn	✓Ackerman, Alan	Lundin , Tim					

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Demand Response Partners	Non Voting	Dorn , Andrew	Wiedl , Denise								
Ecogen	Non Voting	Hagner, Thomas									
Energetix, Inc.	Non Voting	Comstock , Read									
First Wind Holdings, LLC	Non Voting	Keene , John	Salehian , Afshin								
Fluent Energy	Non Voting	Acampora , Peter	Begley, Jeff	Doll , Ed							
Hudson River Energy Group	Non Voting	Radigan, Frank	Canfield, Richard								
Hydro-Quebec TransEnergie	Non Voting	Prevost , Michel									
MAG Energy Solutions, Inc.	Non Voting	Roberge, Martin	Vezina, Alexandre								
NYS Department of Public Service	Non Voting	Paynter , Thomas	Evans , Adam								
Noble Americas Energy Solutions	Non Voting	Sun , Jungsuk	Nakhonthap , Jade								
Northeast Clean Heat & Power Initiative	Non Voting	De Veer , Henrietta	Banach , Timothy								
RBC Energy Services, LP	Non Voting	Burnham , Steve	Fraiture , Christian	Doolittle , Robin							
Red Wolf Energy Trading, LLC	Non Voting	Sharma , Rishi									
Saracen Energy East LP	Non Voting	Peebles , Andy									
Saranac Power Partners	Non Voting	Wible , Steven									
Siemens Energy, Inc.	Non Voting	Feltes , James									
TransAlta	Non Voting	Nivolianitis , Ted									
Transmission Developers Inc.	Non Voting	Jessome , Donald	Helmer , William								
William P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					✓ Heinrich, William