Business Issues Committee

October 20, 2016 Final Motions

Motion #1:

The Business Issues Committee (BIC) hereby approves the NYISO's Locational Export Capacity Proposal as presented and discussed at the October 20, 2016 BIC meeting. The BIC is not approving the tariff language posted for today's meeting, such language remains subject to change. The ISO will conduct an evaluation with its stakeholders of additional modifications to the rules addressing Locational Export Capacity from Import Constrained Localities presented at the October 20, 2016 BIC meeting. The NYISO shall report on its progress at the January and April BIC meetings in 2017. On or before June 1, 2017, the ISO will file with the Commission either an informational report on the evaluation or a filing proposing to amend the ISO Tariffs.

Motion passed by majority with abstentions.

Motion #1A:

Motion to amend motion 1:

The Business Issues Committee (BIC) hereby approves the NYISO's Locational Export Capacity
Proposal as presented and discussed at the October 20, 2016 BIC meeting. The BIC is not approving
the tariff language posted for today's meeting, such language remains subject to change. Additionally,
the NYISO commits to work with Stakeholders further on this issue in 2017.
The ISO will conduct an evaluation with its stakeholders of additional modifications to the rules
addressing Locational Export Capacity from Import Constrained Localities presented at the October
20, 2016 BIC meeting. The NYISO shall report on its progress at the January and April BIC meetings
in 2017. On or before June 1, 2017, the ISO will file with the Commission either an informational
report on the evaluation or a filing proposing to amend the ISO Tariffs.

Motion passed by majority with abstentions.

Motion #1B:

Motion to amend motion 1A:

The Business Issues Committee (BIC) hereby approves the NYISO's Locational Export Capacity Proposal for the 2017-2018 Capability Year as presented and discussed at the October 20, 2016 BIC meeting. The BIC is not approving the tariff language posted for today's meeting, such language remains subject to change.

The ISO will conduct an evaluation with its stakeholders of additional modifications to the rules addressing Locational Export Capacity from Import Constrained Localities presented at the October 20, 2016 BIC meeting. The NYISO shall report on its progress at the January and April BIC meetings in 2017. On or before June 1, 2017, the ISO will file with the Commission either an informational report on the evaluation or a filing proposing to amend the ISO Tariffs.

Motion failed with 48.09% affirmative votes.

Motion #1C:

Motion to amend motion 1A:

The Business Issues Committee hereby approves a filing by the NYISO seeking FERC's authorization for revisions of the relevant provisions of its tariffs to provide that for the Capability Year 2017/2018 capacity exports from a NYISO locational capacity zone to a neighboring control area will be modeled as coming out of the NYCA region rather than the locational capacity zone.

Motion failed with 38.32% affirmative votes.

Business Issues Committee - October 20, 2016

Motion: Motion # amend 2

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against
Generation Owners	21.50	/	/	21.50	1.00	0.00	5.00	21.50	0.00
Other Suppliers	21.50	✓	✓	21.50	5.00	0.00	9.00	21.50	0.00
Transmission Owners	20.00	✓	✓	20.00	0.00	4.00	0.00	0.00	20.00
End Use Consumer			✓						
Large Consumer	9.00	✓		11.24	0.00	4.00	1.00	0.00	14.38
Large Cons. Gov. Agency	2.00	✓		2.50	0.00	0.00	0.00	0.00	0.00
Small Consumer	4.50	✓.	Х	0.64	0.00	0.00	1.00	0.00	0.00
Gov. State-wide Cons. Advocate	2.70	✓		3.37	0.00	0.00	1.00	0.00	0.00
Gov. Sm. Cons. & Retail Aggr.	1.80	✓		2.25	0.00	2.00	0.00	0.00	5.62
Public Power			✓						
State Power Authorities	8.00	✓		8.00	0.00	2.00	0.00	0.00	8.00
Munis & Co-ops	7.00	✓		7.00	8.00	3.00	0.00	5.09	1.91
Environmental	2.00	√		2.00	0.00	3.00	2.00	0.00	2.00
			5	100.00	14.00	18.00	19.00	48.09	51.91
				100.00	Norn	nalize to 10	0%:	48.09	51.91

Business Issues Committee - October 20, 2016

Motion: Motion # amend 2

Result: Motion Failed						
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	Browne, Scott	N	Y	0.00	0.00
Generation Owners	Calpine		N	N	0.00	0.00
Generation Owners	CPV Valley LLC	Litchfield, Matt	N	Y	0.00	0.00
Generation Owners	East Coast Power, LLC		N	N	0.00	0.00
Generation Owners	Entergy Nuclear Northeast	Dell Orto, Ken	N	Y	0.00	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		Y	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		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	0.00	0.00
Generation Owners	Howard Wind LLC		N	N	0.00	0.00
Other Suppliers	BJ Energy LLC		N	N	0.00	0.00
Other Suppliers	Citigroup Energy Inc.	Trayers, Barry	N	Y	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		N	N	0.00	0.00
Other Suppliers	DTE Energy	German, Robert	N	Y	0.00	0.00
Other Suppliers	Energy Spectrum	Ahrens, David	N	Y	1.00	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	Integrys Energy Services of New York, Inc		Y	N	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	0.00	0.00
Other Suppliers	Ontario Power Generation, Inc.		N	N	0.00	0.00
Other Suppliers	Exelon Generating Co. LLC		N	N	0.00	0.00
Other Suppliers	PSEG Energy Resource & Trade, LLC	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.		Y	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		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.		N	N	0.00	0.00
Other Suppliers	Riverbay Corporation	Ahrens, David	N	Y	1.00	0.00
Other Suppliers	EnergyConnect		Y	N	0.00	0.00
Other Suppliers	Castleton Commodities Merchant Trading L.P.	Stuss, Gordon	N	Y	1.00	0.00
Other Suppliers	BlueRock Energy, Inc.		N	N	0.00	0.00

Sector	Organization	Representative	Affiliate	Present	For	Against
Other Suppliers	Noble Americas Gas & Power Corp.	Kepresentative	N	N	0.00	0.00
Other Suppliers	Lyonsdale Biomass, LLC		Y	N	0.00	0.00
Other Suppliers Other Suppliers	Direct Energy Business Marketing, LLC	Philips, Marjorie	N	Y	0.00	0.00
Other Suppliers Other Suppliers	Energy Technology Savings	Timps, Marjone	N	N	0.00	0.00
Other Suppliers	Mercuria Energy America, Inc.	Younger, Mark	N	Y	1.00	0.00
Other Suppliers Other Suppliers	Powerex Corporation	Touriger, Wark	N	N	0.00	0.00
Other Suppliers Other Suppliers	Repsol Energy North America Corporation		N	N	0.00	0.00
	Talen Energy		N	N	0.00	0.00
Other Suppliers		I David	N			
Other Suppliers	CPower NV I P	Lawrence, David	N	Y N	0.00	0.00
Other Suppliers	XO Energy NY, LP		N			
Other Suppliers	Dynegy Marketing and Trade	I -D Chair		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	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	1.00
Transmission Owners	Consolidated Edison Co. of NY, Inc.	Quin, Jane	N	Y	0.00	1.00
Transmission Owners	National Grid	Franey, Bart	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.	Lang, Kevin	N	Y	0.00	1.00
End Use - Large Consumer	IBM Corporation	Lang, Kevin	N	Y	0.00	1.00
End Use - Large Consumer	Occidental Chemical Corp.	Lang, Kevin	N	Y	0.00	1.00
End Use - Large Consumer	Wegmans Food Markets	Lang, Kevin	N	Y	0.00	1.00
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		N	N	0.00	0.00
End Use - Small Consumer	Beth Israel Health Care System		N	N	0.00	0.00
End Use - Small Consumer	Fordham University		N	N	0.00	0.00
End Use - Small Consumer	Memorial Sloan Kettering Cancer Center		N	N	0.00	0.00
End Use - Small Consumer	Mount Sinai Medical Center		N	N	0.00	0.00
End Use - Small Consumer	New York University		N	N	0.00	0.00
End Use - Small Consumer	Association for Energy Affordability	Strauss, Valerie	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	0.00	0.00
End Use - Gov. Sm. Cons. & Retail Aggr.	NYS Energy Research & Dev. Authority	Hall, Christopher	N	Y	0.00	1.00
End Use - Gov. Sm. Cons. & Retail Aggr.	City of New York	Lang, Kevin	N	Y	0.00	1.00
Public Power - State Power Authorities	Long Island Power Authority	Clarke, Dave	N	Y	0.00	1.00
Public Power - State Power Authorities	New York Power Authority	Antinori, Andrew	N	Y	0.00	1.00
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	0.00	1.00
Public Power - Munis & Co-ops	Jamestown Board of Public Utilities	Rudebusch, Tom	N	Y	0.00	1.00
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		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	0.00	1.00
Public Power - Environmental	American Lung Association	Epstein, Roni	N	Y	0.00	1.00
Public Power - Environmental	American Wind Energy Association	Dettin, Rom	N	N	0.00	0.00
Public Power - Environmental	Environmental Advocates	Bambrick, Conor	N	Y	0.00	1.00
Public Power - Environmental	Natural Resources Defense Council	Farmer, Miles	N	Y	0.00	1.00
Public Power - Environmental	PACE Energy & Climate Center	Epstein, Roni	N	Y	0.00	0.00
Public Power - Environmental	Riverkeeper	Epstein, Roni	N	Y	0.00	0.00
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Business Issues Committee - October 20, 2016

Motion: Motion #amend 3

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	0.00	7.00	7.00	0.00	21.50
Transmission Owners	20.00	/	✓	20.00	3.00	0.00	1.00	20.00	0.00
End Use Consumer			✓						
Large Consumer	9.00	✓		11.24	0.00	0.00	5.00	0.00	0.00
Large Cons. Gov. Agency	2.00	/		2.50	0.00	0.00	0.00	0.00	0.00
Small Consumer	4.50	√	Х	0.64	0.00	0.00	1.00	0.00	0.00
Gov. State-wide Cons. Advocate	2.70	✓		3.37	0.00	0.00	1.00	0.00	0.00
Gov. Sm. Cons. & Retail Aggr.	1.80	/		2.25	1.00	1.00	0.00	2.81	2.81
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	0.00	11.00	0.00	0.00	7.00
Environmental	2.00	✓		2.00	5.00	0.00	0.00	2.00	0.00
	·		5	100.00	11.00	24.00	16.00	32.81	52.81
				100.00	Norn	nalize to 10	00% :	38.32	61.68

Business Issues Committee - October 20, 2016

Motion: Motion #amend 3

Result: Motion Failed						
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	Browne, Scott	N	Y	0.00	1.00
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	Dell Orto, Ken	N	Y	0.00	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		Y	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		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	0.00	1.00
Generation Owners	Howard Wind LLC		N	N	0.00	0.00
Other Suppliers	BJ Energy LLC		N	N	0.00	0.00
Other Suppliers	Citigroup Energy Inc.	Trayers, Barry	N	Y	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		N	N	0.00	0.00
Other Suppliers	DTE Energy	German, Robert	N	Y	0.00	0.00
Other Suppliers	Energy Spectrum	Ahrens, David	N	Y	0.00	1.00
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	Integrys Energy Services of New York, Inc		Y	N	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	0.00	0.00
Other Suppliers	Ontario Power Generation, Inc.		N	N	0.00	0.00
Other Suppliers	Exelon Generating Co. LLC		N	N	0.00	0.00
Other Suppliers	PSEG Energy Resource & Trade, LLC	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	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		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.		N	N	0.00	0.00
Other Suppliers	Riverbay Corporation	Ahrens, David	N	Y	0.00	1.00
Other Suppliers	EnergyConnect		Y	N	0.00	0.00
Other Suppliers	Castleton Commodities Merchant Trading L.P.	Stuss, Gordon	N	Y	0.00	1.00
Other Suppliers	BlueRock Energy, Inc.		N	N	0.00	0.00

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Sector	Organization	Representative	Affiliate	Present	For	Against
Other Suppliers	Noble Americas Gas & Power Corp.		N	N	0.00	0.00
Other Suppliers	Lyonsdale Biomass, LLC		Y	N	0.00	0.00
Other Suppliers	Direct Energy Business Marketing, LLC	Philips, Marjorie	N	Y	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	0.00	1.00
Other Suppliers	Powerex Corporation		N	N	0.00	0.00
Other Suppliers	Repsol Energy North America Corporation		N	N	0.00	0.00
Other Suppliers	Talen Energy		N	N	0.00	0.00
Other Suppliers	CPower	Lawrence, David	N	Y	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	0.00	1.00
Other Suppliers	Eastern Generation	Baker, Liam	N	Y	0.00	1.00
Transmission Owners	New York State Electric & Gas (NYSEG)	Caletka, Patricia	N	Y	0.00	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.	Quin, Jane	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.	Lang, Kevin	N	Y	0.00	0.00
End Use - Large Consumer	IBM Corporation	Lang, Kevin	N	Y	0.00	0.00
End Use - Large Consumer	Occidental Chemical Corp.	Lang, Kevin	N	Y	0.00	0.00
End Use - Large Consumer	Wegmans Food Markets	Lang, Kevin	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		N	N	0.00	0.00
End Use - Small Consumer	Beth Israel Health Care System		N	N	0.00	0.00
End Use - Small Consumer	Fordham University		N	N	0.00	0.00
End Use - Small Consumer	Memorial Sloan Kettering Cancer Center		N	N	0.00	0.00
End Use - Small Consumer	Mount Sinai Medical Center		N	N	0.00	0.00
End Use - Small Consumer	New York University		N	N	0.00	0.00
End Use - Small Consumer	Association for Energy Affordability	Strauss, Valerie	N	Y	0.00	0.00
End Use - Gov. State-wide Cons. Advocate	Utility Intervention Unit, Division of	Hogan, Erin	N	Y	0.00	0.00
	Consumer Protection, NY Dept. of State	H. II. Cl. : 1	N	37	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	0.00	1.00
Public Power - State Power Authorities	Long Island Power Authority	Clarke, Dave	N	Y	1.00	0.00
Public Power - State Power Authorities	New York Power Authority	Antinori, Andrew	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Bath Electric, Gas & Water Systems	Bolbrock, Richard	N	Y	0.00	1.00
Public Power - Munis & Co-ops	Freeport Electric	Rudebusch, Tom	N	Y	0.00	1.00
Public Power - Munis & Co-ops	Jamestown Board of Public Utilities	Rudebusch, Tom	N	Y	0.00	1.00
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		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	0.00	1.00
Public Power - Environmental	American Lung Association	Epstein, Roni	N	Y	1.00	0.00
Public Power - Environmental	American Wind Energy Association		N	N	0.00	0.00
Public Power - Environmental	Environmental Advocates	Bambrick, Conor	N	Y	1.00	0.00
Public Power - Environmental	Natural Resources Defense Council	Farmer, Miles	N	Y	1.00	0.00
Public Power - Environmental	PACE Energy & Climate Center	Epstein, Roni	N	Y	1.00	0.00
Public Power - Environmental	Riverkeeper	Epstein, Roni	N	Y	1.00	0.00
Public Power - Environmental	Environmental Defense Fund		N	N	0.00	0.00

New York Independent System Operator - Committee Membership

Business Issues Committee - October 20, 2016 - 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					•	
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	Grimes , Mike	Nemeth , Jeffrey	Dictor, Stephen					
East Coast Power, LLC	Generation Owners	Shanker, Roy	Fogarty, Thomas	Lee, Tina	Franzetti , Paul						
Entergy Nuclear Northeast	Generation Owners	Potkin, Marc	✓ Dell Orto , Ken	✓ Saia, Doreen	Bergeron , John						
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	Ma , Alex	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							
TC Ravenswood, Inc.	Generation Owners	Taylor, William	✓ DAndrea , James	Congel, Dan	Hachey, Mike						
BJ Energy LLC	Other Suppliers	Ni, Bing	Lee, George								
BP Energy Company	Other Suppliers	Briscoe , Judy	Magruder, Kathy								
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					Schwall, Matthew	
CPower	Other Suppliers	Markham , Craig	Lacey, Frank	Damaskos, Deno	Lawrence, David					,	
Castleton Commodities Merchant Trading L.P.	Other Suppliers	Stuss , Gordon	Romine , Brad	Emmett, Robert						✓Younger, Mark	
Citigroup Energy Inc.	Other Suppliers	✓ Trayers, Barry									
Con Edison Solutions Inc.	Other Suppliers	✓ Mah, Norman	Dannels , Jeff								
Constellation New Energy	Other Suppliers	McCartney, Glen	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								
Dynegy 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	Breidenbaugh, Aaron	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								
EnergyConnect	Other Suppliers	Campbell , Bruce	Davis , Robert	Lawrence , David							
Exelon Generating Co. LLC	Other Suppliers	Kirk, Steven	Wentlent, Chris Hawkins, Darin	Committee 11 Charles							
GDF Suez Energy NA, Inc. Galt Power	Other Suppliers	Levine , Jeffrey	Ackerman, Alan	Campbell , Chad							
HQ Energy Services US	Other Suppliers	Fernands , Rochelle Plante , Matthieu		Could and I							
	Other Suppliers		Leuthauser, Scott	Guilbault , Louis							
Innoventive Power Integrys Energy Services of New York, Inc	Other Suppliers Other Suppliers	Gruber , Craig Haugh, Michael	Halford , Steve								
Lyonsdale Biomass, LLC	Other Suppliers	Ralston, William	Hebel, Nathan	Carrigan , Kathleen							
Mercuria Energy America, Inc.	Other Suppliers	Davis , Andrew	✓ Younger, Mark	Currigan , Kauncen							
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							
NextEra Energy	Other Suppliers	Applebaum, David	Gardner, Michelle	,							
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	Sheinfield, Joel						
PSEG Energy Resource & Trade, LLC	Other Suppliers	✓Fromer, Howard	DePillo , Raymond	Messmer, Robert	Murawski , James						
Powerex Corporation	Other Suppliers	Tang, Glen	Dion , Julien	Fichten, Murray							
Repsol Energy North America Corporation	Other Suppliers	Moreton , Samuel	Horvath , Peter								
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	Hyzinski , Tom	Labella, Julie								
TransCanada Power Marketing, Ltd.	Other Suppliers	Taylor, William	D'Andrea, James	Congel, Dan	Hachey, Mike						
Viridity Energy, Inc.	Other Suppliers	Freifeld, Allen									

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Vitol Inc.	Other Suppliers	Wadsworth , Joe	Viola, Bob	Kam, Kenney							
KO Energy NY, LP	Other Suppliers	Drangula, Carey	Thompson , Matthew	Hughes, Adam							
Central Hudson Gas & Electric Corp.	Transmission Owners	Borchert , John	Chan, Ting	Dittmann, David							
Consolidated Edison Co. of NY, Inc.	Transmission Owners	✓ Quin , Jane	Nachmias, Stuart	✓ Butler , Scott	✓ Hargett , Chris	Butterklee, Neil					Sasson, Mayer
National Grid	Transmission Owners	✓Franey, Bart	Lodemore , David	✓ Carron , Benjamin							
	Transmission Owners	✓ Caletka, Patricia	Kinney, Ray	✓ Brophy , Richard							
· , ,	Transmission Owners		j, - j								
·	Transmission Owners	✓ Caletka, Patricia	Kinney, Ray	✓Brophy , Richard							
Alcoa, Inc.	Large Consumer	Mager, Michael			✓Lang, Kevin						•
			Loughney, Robert	Trinsey , Amanda	_						
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								
	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	Trinsey, Amanda					
,	Small Consumer	Morris, Jackson	Hepinstall, David	Strauss , Valerie							
*	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	Trinsey, Amanda					
· · · · · · · · · · · · · · · · · · ·	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	Trinsey, Amanda					
5 · · · · · · · · · · · · · · · · · · ·	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	Trinsey , Amanda					
Mount Sinai Medical Center	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	Trinsey , Amanda					
New York University	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	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						
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	Wilkie, Brian					•
Bath Electric, Gas & Water Systems	Municipalities and Coops	Hallgren , Guy	✓ Bolbrock, Richard	Cordeiro, Mark	, samo	, , , , ,					
Freeport Electric	Municipalities and Coops		Kimlingen, Ted	✓ Rudebusch, Tom	Fiore, Chris						
Jamestown Board of Public Utilities	Municipalities and Coops	Livingston , Al			Rudebusch, Tom						
	•	Gustafson, David	Leathers, David	Kulig, Steve	w Kudebusch, Tom						
-	Municipalities and Coops	Kroha, Peter	Bolbrock, Richard	Cordeiro, Mark							
_	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						Bambrick, Conor	
-	Environmental	Reynolds , Anne	Gramlich, Robert								
	Environmental	Bambrick , Conor	✓ Epstein , Roni	Morris, Jackson							
	Environmental	Christian , Rory	Stein , Elizabeth	,,							
	Environmental	Morris, Jackson	Ho, Bruce	Clements, Allison						Farmer, Miles	
	Environmental	✓Epstein , Roni	Martin , Nicholas	Morris, Jackson						Bambrick, Conor	
	Environmental	Len , Christopher	Lucas , Mark	Epstein , Roni						Damones, Conor	
AES ES Holdings LLC	Non Voting	Hillman , Sharon		Epstell , Kolli							
_	Non Voting Non Voting	Lynch, Stephen	Kumaraswarmy , Kiran								
	Non Voting Non Voting	Katofsky , Ryan	Waggoner, Danny								
	Non Voting	Jackson , Mike	Yamout , Manal								
	Non Voting	Reynolds , Anne	i amout , manai								
Anhanic Northeast Transmission Development Co.	Non Voting	Sanderson , Barry									1
-	Non Voting	Levy , Tal	Klein, Abram	Shen, Dong	Westlund , John	Laich, Marcus					1
	Non Voting	Breen , Erika	,	,	,	, , , , , , , , , , , , , , , , , , , ,					
	Non Voting	✓ Kramek , Mike									
	Non Voting	Tompkins John, E.	Pratt , Charles								1
5.0	Non Voting	Viswanathan , Samira	Meyer , Sandra								1
Caithness Energy LLC	Non Voting	Keevill, Gary	Alvarez , Asavari	Garber, Mitchell							1
	Non Voting	Staska, Stephanie	Hocker, Geoff								İ
	Non Voting	Powell , Alan	Powell , Leighton	Singer, Leonard							
	Non Voting	Mancini, Rick	Fernands, Stephen	Rexrode, Caryn	Ackerman, Alan						
	Non Voting	Hagner, Thomas									1

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Energetix, Inc.	Non Voting	Comstock, Read									
Energya VM	Non Voting	Ortiz Lopez , Jose Ignacio	Adell Almazan, Miguel								
First Wind Holdings, LLC	Non Voting	Keene, John	Salehian, Afshin								
Fluent Energy	Non Voting	Acampora , Peter	Doll , Ed								
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								
MAG Energy Solutions, Inc.	Non Voting	Pelletier, Simon	Vezina, Alexandre								
NRG Curtailment Solutions, Inc.	Non Voting	Pieniazek, Marie	Scheiderich, Jim	Lynch, Stephen	Korczykowski, Jim						
NYS Department of Public Service	Non Voting	✓ Paynter , Thomas	Evans , Adam								✓ Michaels, Alan
National Fuel Gas Distribution Corporation	Non Voting	Novak, Michael	Eck, Robert								
New Athens Generating Co. LLC	Non Voting	DeVinney, Dan									
New York Transco	Non Voting	Nachmias, Stuart	Hitti , Nabil	Allen, Richard	Carrigan, Kathleen						
Noble Americas Energy Solutions	Non Voting	Sun , Jungsuk	Nakhonthap , Jade	Sunga, Leonard							
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								
NuEnergen	Non Voting	Hamilton, Sandy	Korczykowski, Ryan								
Orthogonal Energy, LLC	Non Voting	Kudryavtseva, Viktoriya	Roch, Grant								
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									
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								
William P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					

NYISO Employees

Bissell, Garrett

Boles, Joshua

Dixon, Kirk

Eckels, Debbie

Kavanah, Gloria

Mukerji, Rana

Nelson, Emilie Pike, Robert

Seirup, Lorenzo