### **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.

## **Business Issues Committee - February 12, 2014**

#### Motion: Motion #Unfriendly

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against
Generation Owners	21.50	<b>\</b>	$\checkmark$	21.50	0.00	5.00	1.00	0.00	21.50
Other Suppliers	21.50		$\checkmark$	21.50	2.00	3.00	10.00	8.60	12.90
Transmission Owners	20.00		$\checkmark$	20.00	4.00	0.00	0.00	20.00	0.00
End Use Consumer			$\checkmark$						
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		$\checkmark$	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			$\checkmark$						
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	Norn	nalize to 10	00% :	65.6	34.4

## **Business Issues Committee - February 12, 2014**

#### Motion: Motion #Unfriendly

Sector	Organization	Representative	Affiliate	Present	For	Against
Generation Owners	Indeck Energy Services, Inc.	Younger, Mark	Ν	Y	0.00	1.00
Generation Owners	Astoria Energy LLC		Ν	N	0.00	0.00
Generation Owners	Calpine	LaRoe, Chris	Ν	Y	0.00	1.00
Generation Owners	CPV Valley LLC		Ν	N	0.00	0.00
Generation Owners	East Coast Power, LLC		Ν	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		Ν	N	0.00	0.00
Generation Owners	Selkirk Cogen Partners, LP		Ν	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 Corporpration		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	Integrys 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	Duiter, Duiti	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
outer suppliers	Iberdrola Renewables Inc		Y	N	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.	Trancy, Dart	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	Dissen, Garren	N	N I	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	· · · · · · · · · · · · · · · · · · ·	N N	I Y		0.00
	Nucor Steel Auburn, Inc.	Bissell, Garrett	N N	I Y	1.00 0.00	0.00
End Use - Large Consumer End Use - Large Cons. Gov. Agency	Metropolitan Transportation Authority	Brew, James	N N	I N	0.00	0.00
End Use - Small Consumer	American Sugar Refining, Inc	Dowling John	N N	Y Y	1.00	
		Dowling, John	N N	I Y	1.00	0.00
End Use - Small Consumer End Use - Small Consumer	Beth Israel Health Care System Fordham University	Dowling, John Dowling, John	N N	I Y	1.00	0.00
			N N		1.00	0.00
End Use - Small Consumer	Memorial Sloan Kettering Cancer Center	Dowling, John	N N	Y		0.00
End Use - Small Consumer End Use - Small Consumer	Mount Sinai Medical Center	Dowling, John	N N	Y	1.00	0.00
	New York Presbyterian Hospital			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		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		N N	I Y	0.00	0.00
r uone r ower - Environmental	American Lung Association	Morris, Jackson	1	1	0.00	0.00

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

## **Business Issues Committee - February 12, 2014**

#### Motion: Motion #Mothball

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against
Generation Owners	21.50	<ul> <li>Image: A set of the set of the</li></ul>		21.50	0.00	6.00	0.00	0.00	21.50
Other Suppliers	21.50		$\checkmark$	21.50	9.00	3.00	3.00	16.12	5.38
Transmission Owners	20.00		$\checkmark$	20.00	4.00	0.00	0.00	20.00	0.00
End Use Consumer			$\checkmark$						
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	V .	<i>s</i>	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			$\checkmark$						
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	Norn	nalize to 10	00% :	73.12	26.88

## **Business Issues Committee - February 12, 2014**

#### Motion: Motion #Mothball

Sector	Organization	Representative	Affiliate	Present	For	Against
Generation Owners	Indeck Energy Services, Inc.	Younger, Mark	Ν	Y	0.00	1.00
Generation Owners	Astoria Energy LLC		Ν	N	0.00	0.00
Generation Owners	Calpine	LaRoe, Chris	Ν	Y	0.00	1.00
Generation Owners	CPV Valley LLC		Ν	N	0.00	0.00
Generation Owners	East Coast Power, LLC		Ν	N	0.00	0.00
Generation Owners	Entergy Nuclear Northeast	Saia, Doreen	Ν	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 Corporpration		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		Ν	N	0.00	0.00
Other Suppliers	Dynegy Power Marketing, Inc.		Ν	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	Integrys 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	Ν	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.	Trancy, Dart	Y	N 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
52	Atco Properties & Management, Inc	bissen, Garrett	N N	I N	0.00	
End Use - Large Consumer End Use - Large Consumer		Bissell, Garrett	N N	Y	1.00	0.00
End Use - Large Consumer	IBM Corporation Occidental Chemical Corp.	Bissell, Garrett	N N	I Y	1.00	0.00
	•	, ,		I Y		
End Use - Large Consumer	Wegmans Food Markets	Bissell, Garrett	N N		1.00	0.00
End Use - Large Consumer	Nucor Steel Auburn, Inc.	Brew, James	N N	Y	1.00	0.00
End Use - Large Cons. Gov. Agency	Metropolitan Transportation Authority			N	0.00	0.00
End Use - Small Consumer	American Sugar Refining, Inc	Dowling, John	N N	Y Y	1.00	0.00
End Use - Small Consumer	Beth Israel Health Care System	Dowling, John			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	D 11 I I	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		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
	v mage of Rockville Cellue	Rudebusen, 10m	11	1	1.00	0.00
Public Power - Environmental	American Lung Association	Morris, Jackson	Ν	Y	1.00	0.00

Sector	Organization	Representative	Affiliate	Present	For	Against
Public Power - Environmental	Environmental Advocates	Morris, Jackson	Ν	Y	1.00	0.00
Public Power - Environmental	Natural Resources Defense Council	Morris, Jackson	Ν	Y	1.00	0.00
Public Power - Environmental	PACE Energy & Climate Center	Morris, Jackson	Ν	Y	1.00	0.00
Public Power - Environmental	Riverkeeper	Morris, Jackson	N	Y	1.00	0.00

# New York Independent System Operator - Committee Membership

## Business Issues Committee - February 12, 2014 - NYISO - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Astoria Energy LLC	Generation Owners	McCall, Chuck	Habib , Phillipe	Singer, Leonard							
PV Valley LLC	Generation Owners	Remillard, Steven	DellOrto, Ken	Bruno, Michael	Felak, Rich						
alpine	Generation Owners	Kruse, Brett	Berend, Seth	Flumerfelt, John	Garcia, Max	Webb, David				LaRoe, Chris	
ricket Valley Energy Center	Generation Owners	De Meyere , Bob	Wallenstein, Arnold	Ahrens, Jeff							
EDP Renewables North America LLC	Generation Owners	Berruecos, Pablo	Fitzgerald, Daniel								
East Coast Power, LLC	Generation Owners	Shanker, Roy	Fogarty, Thomas	Fisher, Amy							
Entergy Nuclear Northeast	Generation Owners	Milici , Rich	Potkin, Marc	🗸 Saia, Doreen							
Ioward Wind LLC	Generation Owners	Merich, Olivia	Rugh , Chris								
ndeck Energy Services, Inc.	Generation Owners	Ferguson, Mike	Schrage, John	Vounger, Mark							
nnovative Energy Systems	Generation Owners	Zeliff, Peter	Henningham, Scott								
wenergy Energy Management LLC	Generation Owners	Ma , Alex	Goldstein, Michael	Orzel, Chris							
ational Grid Generation LLC	Generation Owners	Kain, Terrence	McCabe, Brian								
ew Athens Generating Co. LLC	Generation Owners	Breen, Jack	DellOrto, Ken	DeVinney, Dan	Felak, Rich						
oble Environmental Power LLC	Generation Owners	Silton , Harry									
elkirk Cogen Partners, LP	Generation Owners	Biittig, Timothy	Ryan, James								
omerset Operating Company, LLC	Generation Owners	🗸 Evanoski , Dave	Goodenough, Jeery								
tephentown Spindle, LLC	Generation Owners	Berlinski , Mike	Yu , An	Hebert, Chris							
C Ravenswood, Inc.	Generation Owners	Taylor, William	🗸 DAndrea , James	Congel, Dan	Hachey, Mike						
J Energy LLC	Other Suppliers	Ni, Bing	Lee, George								
P Energy Company	Other Suppliers	Prescott, Randy	Magruder , Kathy	Bassett, Jeffrey							
lueRock Energy, Inc.	Other Suppliers	Nichols , Jim	Eno, Jason	VanHorne, Phil	Gipson, Jon						
rookfield Energy Marketing	Other Suppliers	Francis, Frank	Ricketts, Robert	Whyte, Daniel							
astleton Commodities Merchant Trading L.P.	Other Suppliers	Sun, Xijian	Cheong, Mei								
itigroup Energy Inc.	Other Suppliers	Trayers, Barry	Kettler, Kolby								-
omverge/Enerwise Global Technologies	Other Suppliers	Geoghan , Stephen	Lacey, Frank	🗸 Ackerman, Alan							
on Edison Solutions Inc.	Other Suppliers	🗸 Mah, Norman	Wemple, Steve								
onstellation New Energy	Other Suppliers	McCartney, Glen	Wentlent, Chris								
ovanta Niagara LP	Other Suppliers	Keyser, Eric	Kabbani , Sami								
ross Sound Cable Company, LLC	Other Suppliers	Reinhart, Brian	Rotger, Jose								
OC Energy	Other Suppliers	Bleiweis, Bruce	Carpenter, Chris	Stevens, Andrew	Tate, Matthew	Milberg, Sadao	Kuo, David	Kent, Aaron			
TE Energy	Other Suppliers	Pakela, Gregory	Wieszczyk, Raymond	Norris, Paul							
ynegy Power Marketing, Inc.	Other Suppliers	Roby, Rick	Ellis, Dean	Daley, Marty							
DF Trading North America, LLC	Other Suppliers	Erbrick , Michael	LeForce, Randall								-
dison Mission Marketing & Trading, Inc.	Other Suppliers	Kramek , Mike								,	
nerNoc	Other Suppliers	Brewster, David	Breidenbaugh, Aaron	Geller, Greg						Bissell, Garrett	
nergy Curtailment Specialists	Other Suppliers	Pieniazek, Marie	Scheiderich , Jim	Lynch, Stephen	Korczykowski , Jim						
nergy Spectrum	Other Suppliers	David, Gary	Ahrens, David	Neiburg, David	Iskowitz, Aron	Brown, Ruben	Pentland, William	Villegas, Cristina	Pasch, Carrie		
nergyConnect	Other Suppliers	Campbell, Bruce	Warta , Jim	Lawrence , David							
xelon Generating Co. LLC	Other Suppliers	McCartney, Glen	Crowley, Jack	Berg, William							
DF Suez Energy NA, Inc.	Other Suppliers	Levine , Jeffrey	Hawkins , Darin	Campbell, Chad							
alt Power	Other Suppliers	Fernands, Rochelle	🗸 Ackerman, Alan								
reat Bay Energy IV, LLC	Other Suppliers	Franco, Eugene	Colon, Antonio								
Q Energy Services US	Other Suppliers	Bernier , Luc	Plante, Matthieu	🗸 Leuthauser, Scott	Vennes, Yannick						
ess Corporpration	Other Suppliers	Sobieski, Dennis									
ess Energy Marketing, LLC	Other Suppliers	🗸 Philips , Marjorie	Comstock, Read							🗸 Ackerman, Alan	
perdrola Renewables Inc	Other Suppliers	Allen, Thresa									
noventive Power	Other Suppliers	Gruber , Craig	Halford, Steve								
tegrys Energy Services of New York, Inc	Other Suppliers	Haugh, Michael									
P. Morgan Ventures Energy Corporatio	Other Suppliers	O'Connell, Robert	Cromarty, Chloe								
lorgan Stanley Capital Group, Inc.	Other Suppliers	Murray, Patrick	Kochonies, Karen	Ezickson, Doron							
RG Power Marketing Inc.	Other Suppliers	Johnson , Shaun	Kranz, Brad	Lagano, Judith							
extEra Energy	Other Suppliers	Applebaum, David	Gardner, Michelle	Gil , David							
oble Americas Gas & Power Corp.	Other Suppliers	Merola, Becky	Kyle, Chris								
Intario Power Generation, Inc.	Other Suppliers	Lacivita, Ken	Gell, Richard	Barr, David	Sheinfield, Joel	V	Press II Mr. 1				
PL EnergyPlus, LLC	Other Suppliers	Weghorst, Brad	Hyzinski, Tom	Weber, Sharon	Greening , Michele	Yannarell, David	Francello, Mark				
SEG Energy Resource & Trade, LLC	Other Suppliers	Fromer, Howard	Carretta , Kenneth	Messmer, Robert	Murawski, James						
Riverbay Corporation	Other Suppliers	Merola, Peter	Freedman, Herbert	Ahrens, David	Pasch, Carrie						
SESCO Enterprises, LLC	Other Suppliers	Schubiger, Michael	Thoresen, James			1				l l	

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6
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					
Viridity Energy, Inc.	Other Suppliers	Wolfe , Sam	Pavo , Mike	Freifeld, Allen				
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	Altobell, Deidre	Butler, Scott	Butterklee, Neil		
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				
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	Jowling, 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			
Bath Electric, Gas & Water Systems	Municipalities and Coops	Moore, Ken	Bolbrock, Richard	Cordeiro, Mark				
Freeport Electric	Municipalities and Coops	Fiore, Anthony	Kimlingen, Ted	<b>V</b> Rudebusch, Tom	Fiore, Chris			
Jamestown Board of Public Utilities	Municipalities and Coops	Gustafson, David	Leathers, David	Kulig, Steve	✓ Rudebusch, Tom			
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				
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				
American Wind Energy Association	Environmental	Strauss, Valerie	Gramlich, Robert	,,				
Environmental Advocates	Environmental	Bambrick, Conor	Morris, Jackson	Nadeau, Katherine				
Natural Resources Defense Council	Environmental	Morris, Jackson	Clements, Allison	Kennedy, Kit				
PACE Energy & Climate Center	Environmental	Gahl, David	Morris, Jackson	Bourgeois, Tom	Lawrence , David			
Riverkeeper	Environmental	Morris, Jackson	Musegaas, Phillip	Gallay , Paul	,			
Ace Energy Company, Inc.	Non Voting	Lynch, Stephen		<b>3</b> /				
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	IZ: 1 A 1				
CP Energy Marketing (US) Inc. Caithness Energy LLC	Non Voting Non Voting	Bursaw , Christopher Keevill , Gary	Renouf, James	Kirby , Amber Garber, Mitchell				
Customized Energy Solutions	Non Voting Non Voting	Mancini, Rick	Delgado , Jeffrey Fernands, Stephen	Rexrode, Caryn	🗸 Ackerman, Alan	Lundin , Tim		
	1	Trancin, Nex	i emando, otephen	Rearbuc, Caryn	¥ rickerman, Alan		I	I

Alternate7	Proxy	Guest
	✓Younger, Mark ✓Bissell, Garrett	
		✔ Quinlin, Pamela
	✓ Lawrence, David	
		✔ Mahoney, Dan
	✓ Bolbrock, Richard ✓ Bolbrock, Richard	•
	✓ Bolbrock, Richard	
	✓ Lawrence, David Lawrence, David ✓ Lawrence, David	
	✔Lawrence, David	

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								Heinrich, William
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					