# **NYISO Management Committee Meeting**

**January 9, 2003** 

The New York State Nurses Association 11 Cornell Road, Latham

# **Draft MINUTES OF THE MEETING**

# 1. Introduction and Meeting Objectives

Mr. Brown called the meeting to order at 10:03 AM and welcomed the members of the Management Committee ("MC"). Upon review of the bylaws of the MC, Mr. Brown reported that the chair and vice chair of the Budget Standards and Performance Subcommittee ("BS&P") are required to change yearly. Mr. Brown officially named Mr. James Parmelee, of LIPA, as Chair and Mr. Mario DiValentino, of Strategic Power, as Vice Chair of the BS&P for the year 2003.

Mr. Brown went on to report on how items can be placed on the MC agenda. Ultimately, the MC Chair has the final discretion to set the agenda except for the mandatory items: Appeals and New Business. To address other topics, please submit an email to: Elaine Robinson (erobinson@nyiso.com), Mollie Lampi (mlampi@nyiso.com), Garry Brown (gbrown@sithe.com), and Joe Oates (oatesj@coned.com)

Committee fees are due by January 15. If fees are not received, committee privileges will be forfeited. Please refer to e-mail sent yesterday by Kristen Kranz.

# 2. Approval of the Minutes

Mr. King presented the minutes of December 5, 2002, for approval. The minutes were approved as submitted.

Motion #1:

Motion to approve the Minutes of December 5, 2002 (Motion passed unanimously, by polling members for abstentions and objections)

# 3. President's Report

### Reliability Indicators

Mr. Museler noted that the grid experienced no real challenges in the month of December, stating that the recent major snowstorms didn't affect the bulk power system. He did, however note that Ontario had problems with coal piles freezing, which resulted in emergency sales to OH.

# Market Performance Highlights

Mr. Museler reported that Real Time price corrections remained at low levels for the past few months. Uplift has continued to drop since June of 2002. In fact, uplift actually went negative in the month of December, due mostly to loss residuals. Trend line analyses of market prices show slightly upward movement. This is attributed mostly to an increase in fuel prices, increases in reserve and regulation prices, and enhanced price signals that have been offset by a reduction in uplift costs.

Mr. Museler further reported that DAM and RT prices continue to stay fairly close. This trend is likely to continue until RTS is deployed when it should converge even more. Likewise BME is showing better convergence than in past

### 2002 Billable Load Trends – Forecasted vs. Year-End Actual

Mr. Museler reported on the impact of the billable load on the budget by month up to December. Mr. Museler reported that preliminary numbers show that actual load was above forecasted load for December. This increased send-out over the last several months coupled with the \$3 million budget under-run carried over from 2001 will result in an estimated net budget under-run of \$1.9 million. Final numbers should be released in March.

#### Bid Cap – 10 minute NSR – Schedule for Resolution

Mr. Museler reported that the NYISO and Dr. David Patton agree that it is time to phase out the \$2.52 10-minute non-spinning reserve bid cap. It is anticipated that the January Business Issues Committee ("BIC") will assign the issue to a working group for consideration. Tentatively, there will be a vote at the February BIC to lift the cap followed by a vote at the March MC and ultimately to the March Board meeting.

# Sector Meeting Schedule on Future Direction of the NYISO

Mr. Museler reported that dates for the upcoming sector meetings have been established as well as for an all-sector plenary session. Mr. Museler feels that although the future is uncertain, it is critical to get input from Market Participants of their vision of the ISO's future. The short-term direction is set (12-18 months), but additional discussion is needed to prepare for the FERC SMD.

ISO/RTO Council Relationship with NERC and NAESB

Mr. Museler reported he has been meeting with NAESB for the past two months to develop a conceptual agreement that will define the relationship between ISO/RTOs, NERC, and NAESB. Ultimately the NERC/NAESB MOU that was signed in November 2002 will be modified to include ISOs and RTOs. ISOs and RTOs will provide a technical advisory role to NAESB. Mr. Museler assured MP's that the potential agreement does not impinge on ISO management or the stakeholder process. The next meeting has been scheduled for January 14<sup>th</sup>.

# Credit Policy Status

Mr. Museler reported that the comprehensive credit policy failed to pass at December's MC meeting due to market participants' concerns about the loss sharing and the working capital formulas. The Board has directed staff to work with MPs to resolve these issues promptly. The Board further stressed how important it was to put in place the revised credit policy as soon as possible, and directed NYISO staff to make a 206 filing with FERC exclusive of the revised loss sharing and working capital sharing formulas.

# 4. Update on Seams and Market Improvement Projects

Mr. King reported that the NYISO would be meeting with PJM tomorrow to discuss RTS and interregional dispatch and later in the month ramping issues. Mr. King also reported that last week he met with ISO-NE to discuss OSS, SMD1.0 and interregional dispatch. The NYISO attended stakeholder meetings with IMO last week and will meet again next week to discuss further improvement to the transaction handling procedures.

A 3-way discussion is being set up on controllable line pricing among NYISO, PJM and ISO-NE. . A draft con-op on this subject will be presented to market participants next week at the Market Structures Working Group for initial discussion and stakeholder feedback.

Mr. Scheiderich raised a point about a recent news release stating that the 1385 cable was being repaired and that it may be reenergized by summer. Therefore, pricing issues need to be included in discussions with other ISOs. Mr. King acknowledged Mr. Scheiderich's concern and noted that the issues were being discussed between NYISO and ISO-NE.

Mr. King further reported that he would be scheduling a seams coordination meeting for late February to early March. There will also be a presentation made to the FERC on 1/15 to update them on progress in resolving seams issues in the Northeast.

# 5. Motion to approve scarcity pricing

Mr. Hartshorn made a presentation on 'Reserve Shortage Cost Pricing' as he had at the December 2002 BIC meeting.

Ms. Agriss, of Consolidated Edison, questioned whether an analysis had been done regarding opportunity cost. Mr. Hartshorn responded that SCD does not have the ability to build shortage conditions into prices which would be needed in order to perform that type of analysis.

Ms. Agriss questioned under what circumstances EDRP/SCR would be called. Mr. Hartshorn responded that NYISO operations staff determined the conditions that may result in a reserve shortage. Mr. Museler interjected that the EDRP/SCR call process will not change, it is strictly for reliability, therefore, Operations will still make that determination.

Mr. Patton reported that his initial analysis of Reserve Shortage Pricing, as applied to 2002 data, shows an impact of up to \$200. He added that this analysis did not assume any EDRP calls.

Ms. Saia, representing Mirant, discussed the importance of sending proper price signals to the market that reflected shortage conditions. Mr. Gioia, representing Transmission Owners, stressed that the #1 priority is to maintain reserve.

Mr. Breidenbaugh questioned what incremental impact this would have beyond EDRP. Mr. Hartshorn responded that price signals will be consistent with reliability/cost impacts.

Mr. Moser, of Dynegy, questioned the scenario of the loss of a unit in NYC. Mr. Hartshorn responded that the loss of a major unit in NYC would likely result in a reserve pickup. In this case, the market will not see the \$1000 price.

Mr. Moser stressed that economic incentive may be blunted by the fact that people are not bidding at cost.

# Motion #2:

The Management Committee approves the concept of setting prices during periods of sustained shortages of reserves as discussed in the Reserve Shortage Cost Pricing presentation made at the January 9, 2003 Management Committee meeting and requests the NYISO Board to file appropriate tariff language with the FERC for approval provided that such proposal will expire when RTS is implemented if RTS includes a mechanism to address scarcity pricing. Said tariff language to be reviewed and approved before filing by the Chairs and Vice-Chairs of the BIC and the Management Committee.

# (Motion passed with 72.50 % affirmative votes)

The NYISO has agreed to provide a Customer Impact Analysis prior to implementation. NYISO staff will be working with the Scheduling and Pricing Working Group to further develop this concept.

Mr. Patton agreed to expand on his previous analysis using additional assumptions on how imports would have been affected.

This proposal will not be contingent on impact study results. Impact will be determined for the whole market, not by individual companies.

# 6. Appeal of December 13, 2002 BIC vote to approve Motion #3, Motion to amend demand curve proposal

Mr. Patton made a presentation of the 'Estimated Effects of the Proposed Capacity Demand Curves.'

Mr. Scheiderich stated that he disagreed that generation will be better off receiving revenue via capacity markets than via price spikes. A large entrant to the market could make the demand curve very volatile.

Mr. Patton stated that the Demand Curve would help to achieve a more manageable long-run equilibrium.

Mr. Agriss wondered if Mr. Patton had consulted with any banks or investment bankers when doing his study. Mr. Patton replied that he had not.

Mr. D'Andrea submitted an appeal by Keyspan Ravenswood and NRG Power Marketing.

Mr. Rapley reported that NRG was uncomfortable with how the revenue cap was applied. He would like to take more time to determine a better way to apply the cap.

Mr. Wemple reported that ConEd Solutions opposes the appeal and urged the Management Committee to reject the appeal, stating that the amendment was essential to maintaining a competitive retail market in NYC.

#### Motion #3:

Appeal by Keyspan/NRG of the December 13, 2002 BIC vote approving the amendment of a Motion related to a proposal to implement an ICAP demand curve, as is more fully presented in the Notice of Appeal, is hereby approved, the vote of the BIC is overturned and the Motion is not amended.

(Motion failed with 37.26 % affirmative votes)

# 7. Appeal of December 13, 2002 BIC vote failing to approve Motion #2, Motion to approve demand curve proposal

Mr. Haake submitted an appeal by the Independent Power Producers of New York ("IPPNY"), stating that the Demand Curve would provide predictable pricing, support rational levels of reliability, and reduce consumer exposure to energy and capacity price spikes.

Mr. Yeomans, representing investor owned utilities, stated opposition to the appeal. Mr. Yeomans estimated an electric retail rate burden of approximately \$500 million, with no guarantee of future reductions of energy prices.

Mr. Delaney stated that a Demand Curve would be contrary to competitive energy markets. The Demand Curve does not offer benefits that are certain and commensurate with costs.

Mr. Younger, Slater Consulting for Indeck, commented that the Demand Curve more realistically represents the true value of Installed Capacity ("ICAP") to the system. He also stated that the current ICAP market design does not send proper price signals needed to induce new entry to the market.

Mr. Fromer, of PSEG, stated that the New York Public Service Commission (PSC) has already made a case for the Demand Curve. He feels that the concept is correct, but should have confidence that numbers were developed independently.

Mr. O'Neal stated that the distributed generation community is in favor of demand curve.

Mr. Addepalli reported that the Public Service Commission supports a demand curve in concept, but has problems with some aspects of the existing proposal.

#### Motion #4:

Appeal by members of IPPNY (listed in the Notice of Appeal) of the December 13, 2002 BIC vote not to approve a Motion related to a proposal to implement an ICAP demand curve, as is more fully presented in the Notice of Appeal, is hereby approved, the vote of the BIC is overturned and the Motion is passed

(Motion failed with 47.10 % affirmative votes)

#### 8. New Business

Mr. Rudebusch requested that the Credit Policy, as approved by BIC, be on next months MC agenda. He also requested that the filing be amended if it had been made before the next meeting.

Mr. Parmelee will be making a request that summer DMNC be an agenda item at the next BIC. The ICAP working group will meet again to explore other possibilities.

Mr. Parmelee reported that the next BS&P meeting is scheduled for Monday, January 13<sup>th</sup>. Topics to be discussed are: the FERC filing fee, Capital budget process, and employee incentive.

# 9. Adjourn

The meeting adjourned at approximately 3:51PM.

# **NYISO Management Committee Meeting**

January 9, 2003

New York State Nurses Association, Albany NY

### **MOTIONS FROM THE MEETING**

#### Motion #1:

Motion to approve the Minutes of December 5, 2002

(Motion passed unanimously by show of hands)

#### Motion #2:

The Management Committee approves the concept of setting prices during periods of sustained shortages of reserves as discussed in the Reserve Shortage Cost Pricing presentation made at the January 9, 2003 Management Committee meeting and requests the NYISO Board to file appropriate tariff language with the FERC for approval provided that such proposal will expire when RTS is implemented if RTS includes a mechanism to address scarcity pricing. Said tariff language to be reviewed and approved before filing by the Chairs and Vice-Chairs of the BIC and the Management Committee.

(Motion passed with 72.50 % affirmative votes)

#### Motion #3:

Appeal by Keyspan/NRG of the December 13, 2002 BIC vote approving the amendment of a Motion related to a proposal to implement an ICAP demand curve, as is more fully presented in the Notice of Appeal, is hereby approved, the vote of the BIC is overturned and the Motion is not amended.

(Motion failed with 37.26 % affirmative votes)

#### Motion #4:

Appeal by members of IPPNY (listed in the Notice of Appeal) of the December 13, 2002 BIC vote not to approve a Motion related to a proposal to implement an ICAP demand curve, as is more fully presented in the Notice of Appeal, is hereby approved, the vote of the BIC is overturned and the Motion is passed

(Motion failed with 47.10 % affirmative votes)

# New York Independent System Operator - Committee Membership

Management Committee - Attendance January 9, 2003 - Albany, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Proxy	Guest
NYS Energy Research & Develop. Auth.	End Use - Gov. Agency/Aggr.	Paul DeCotis	✓ Jeffrey Gerber	Erin Hogan	Chris Hall	John Spath				
The City of New York	End Use - Gov. Agency/Aggr.	✓ Michael Delaney	Richard Miller	Scott Butler	Jonathan Wallach	,				
Alcoa/Reynolds Metals Company	End Use - Large Consumer	✓ Robert Loughney	Michael Mager	Craig Carriero						
ATCO Management Co.	End Use - Large Consumer	Peter DiCapua	Scott Petersen	✓ George Diamantopoulos						
IBM Corporation	End Use - Large Consumer	✓ Robert Loughney	Michael Mager	Craig Carriero						
Occidental Chemical Corp.	End Use - Large Consumer	✓ Robert Loughney	Michael Mager	Craig Carriero						
Praxair Inc.	End Use - Large Consumer	Christian Lenci	✓ Robert Loughney	Michael Mager	Craig Carriero					
Xerox Corporation	End Use - Large Consumer	✓ Robert Loughney	Michael Mager	Craig Carriero	-					
Metropolitan Transportation Authority	End Use - Large Cons. Gov.	✓ Jesse Samberg	Gary Caplan	Walter McCarroll						
Association for Energy Affordability, Inc.	End Use - Small Consumer	David Hepinstall	Larry DeWitt						✓ Aaron Breidenbaugh	
Beth Israel Health Care System	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner				
Building and Realty Institute	End Use - Small Consumer	Herb Rose	Marjorie Ochrach	Ted Lee	Judith Mondre	✓ Tariq Niazi				
Citizens Advisory Panel	End Use - Small Consumer	Gordian Raacke	Larry DeWitt						✓ Aaron Breidenbaugh	
CNYC Inc. (Council of NY Coop & Condo)	End Use - Small Consumer	Herb Rose	MaryAnn Rothman	Marjorie Ochrach	Ted Lee	Judith Mondre	✓ Tariq Niazi			
Columbia University	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner	'			
Mount Sinai Medical Center	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner				
New York Energy Buyers Forum	End Use - Small Consumer	Herb Rose	Ted Lee	David Bomke	✓ Tariq Niazi					
New York Presbyterian Hospital	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner				
New York University	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner				
Refined Sugars, Inc.	End Use - Small Consumer	John Gebhard	Quintin George	Catherine Luthin	✓ John Dowling	Jennifer Kearney				
NY State Consumer Protection Board	End Use - State Agency	✓ Tariq Niazi	Doug Elfner		7					
AES NY	Generation Owners	✓ Christopher Wentlent	Rick Santoroski	Charles Sjoberg						
American National Power, Inc.	Generation Owners	Dorothy Capra	Bill Henson							
Astoria Energy LLC	Generation Owners	James Croyle	Leonard Singer							
Calpine	Generation Owners	Thomas Kaslow	Tracee Bersani	Richard Felak					✓ Glenn Haake	
East Coast Power	Generation Owners	Gary Keevill	Asavari Alvarez							
Edison Mission Marketing & Trading	Generation Owners	✓ William Roberts	✓ Robert Agnello	Jeffrey Ellis						
Entergy Nuclear Northeast	Generation Owners	✓ Marc Potkin	William Stone	✓ Ron Mackowiak						
Indeck Energy Services	Generation Owners	Mike Ferguson	John Schrage	✓ Mark Younger						
KeySpan Ravenswood, LLC	Generation Owners	James Brennan	Rich Hohlman	Dick Ackerson	✓ James D'Andrea	✓ Terrence Kain	Ron Lukas			
Mirant New York, Inc.	Generation Owners	Susann Felton	✓ Doreen Saia	Vicki Lynch						
Orion Power New York	Generation Owners	✓ John Reese	Bruce Bleiweis							
PG&E Generating	Generation Owners	Dan Dubois	Dan Whyte							
Sithe Energies, Inc.	Generation Owners	✓ Garry Brown	✓ David Applebaum							
TransCanada Power Marketing	Generation Owners	William Taylor	Elaine Beaudry							
Aaron Breidenbaugh	Non-voting	✓ Aaron Breidenbaugh								
Caithness Energy, L.L.C	Non-voting	Ross Ain	Jack Feinstein							
Cianbro Corporation	Non-voting	Chuck Hewett	John Tompkins							
Energetix, Inc.	Non-voting	Barney Farnsworth								
Hudson River Energy Group	Non-voting	Frank Radigan								
NYS Department of Public Service	Non-voting	Saul Rigberg	Tom Dvorsky							✓ R Addapelli, SKeller
The Structure Group	Non-voting	Bob Furry	Jim Krajecki							
William P. Short	Non-voting	William Short	Marc Schaefer	Joe DeVito	John Brodbeck	Ron Matlock	Paul Savage	Jim Verna	✓ Roberto Denis	
1st Rochdale Cooperative NYC	Other Suppliers	Gregory Wortham					g-			
Advantage Energy, Inc.	Other Suppliers	Kyle Storie								
Amerada Hess Corporation	Other Suppliers	Hemant Jain	Kevin Laguardia	✓ Blas Hernandez						
American Electric Power (AEP) Srvc. Corp.	Other Suppliers	Ron McNamara	Tom Chapman	30 110111011002						
Aquila Energy Marketing Corp.	Other Suppliers	None Assigned	Peter Brown	David Wiesner	Pamela VanHorn	Richard Mooney	✓ Susan Chamberlin			
Cinergy Capital and Trading	Other Suppliers	Jason Barker	Walt Yeager		aniola valinioni		Jacan Gramboliii			
Con Edison Energy	Other Suppliers	Ken Bekman	Ivan Kimball							
Con Edison Solutions	Other Suppliers	Ken Bekman	✓ Stephen Wemple							
Conectiv	Other Suppliers	Bill Fehr	John Foreman							
Constellation New Energy Inc.	Other Suppliers	Peter Duprey	Carrie CullenHitt	Steve Fernands						✓ Sara ONeil
Constellation Power Source	Other Suppliers Other Suppliers	Daniel Allegretti	Harvey Reed	✓ Glen McCartney	Mary Lynch	Carrie CullenHitt				Jana Orion
Coral Power, LLC	Other Suppliers Other Suppliers	Matt Picardi	Marc Overdyke	O.O. M.COditiley	, 2,11011	Samo Sunom mit			✓ Glenn Haake	
Dominion Energy Marketing, Inc.	Other Suppliers Other Suppliers	✓ Michael Bekker	Lou Oberski						✓ Glenn Haake	
Duke Energy North America, LLC	Other Suppliers Other Suppliers	Stacy Dimou	Del Disher						S.S Idano	
Dynegy North America, ELC	Other Suppliers	✓ Chris Moser	Tom May	✓ Steve Vavrik						
El Paso Merchant Energy	Other Suppliers Other Suppliers	Gary Keevill	Asavari Alvarez	✓ Russel Like						
Exelon Generation - Power Team	Other Suppliers Other Suppliers	✓ Linda Clarke	✓ Garry Brown	✓ David Applebaum	Regina Carrado	Eric Olson				
FPL Energy	Other Suppliers Other Suppliers	✓ Roberto Denis	✓ Fernando DaSilva	- pavid Applebadili	INEGINA CANAUU	LIIC OISUIT				
HQ Energy Services	Other Suppliers Other Suppliers	Benoit Goyette	Michel Prevost	Paul Norris	Joel Zipp	Gunnar Birgisson				
KeySpan Energy Services	Other Suppliers Other Suppliers	Ron Lukas	Ruben Brown	Paul Norris Peter Chamberlain	Joer Zipp John Smith	Guinai Dilyissofi				
Morgan Stanley Capital Group	Other Suppliers Other Suppliers	Patrick Murray	Karen Kochonies	Levon Kazarian	Doron Ezickson	Nikolai Markarian				
NRG Power Marketing	Other Suppliers Other Suppliers	Joe DeVito	✓ Frank Rapley	Paul Savage	Marc Dworkin	Ruben Brown	Peter Chamberlain	✓ Keith O'Neal	Chris Young	
THIS I OWEI MAINEURY	Other Suppliers	100 DE A110	I rank isables	r aui Savage	Wate DWOIKITI	I/UDE!! DIOWII	r eter Chambendin	. Reiti O Neal	Cilia roung	I

# New York Independent System Operator - Committee Membership

#### Management Committee - Attendance January 9, 2003 - Albany, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Proxy	Guest
NU / Select Energy	Other Suppliers	Gunnar Jorgensen	James Scheiderich						✓ Bob Loughney	
Ontario Power Generation Inc.	Other Suppliers	✓ Barry Green	Tasos Karatsoreos	Ken Lacivita					"""	
PP&L Energy Plus	Other Suppliers	John Brodbeck		Roger Dolan	Garreth Kirkner				✓ David Yannarell	
PSEG Energy Resources & Trade	Other Suppliers	✓ Howard Fromer	Michael LaFalce	-						✓ Steve McDonald
Reliant Energy Services, Inc.	Other Suppliers	Bruce Bleiweis	✓ John Reese							
Sempra Energy Trading	Other Suppliers	✓ Tom Halleran	Dan Staines	✓ Russel Like	Mally Becker	Bob Chilton				
Strategic Energy LLC	Other Suppliers	✓ Francis Pullaro	Michael Swider	Jeffrey Knox	James McCormick	Helen Caldwell				
Strategic Power Management, Inc.	Other Suppliers	✓ Dan Duthie	✓ Mario DiValentino							
Fransalta (formerly MEGA)	Other Suppliers	Bob Sadowsky	Jubran Whalan							
FransÉnergie U.S. Ltd.	Other Suppliers	José Rotger	Michael Jacobs							
Williams Energy Marketing & Trading Co.	Other Suppliers	David Singer	Dennis Keener							
ong Island Power Authority	Public Power - Authorities	✓ Jim Parmelee	Bill Killgoar	Seth Hulkower	Kevin Jones					
New York Power Authority	Public Power - Authorities	Robert Hiney	✓ William Palazzo	Kim Byham						
American Wind Energy Association	Public Power - Environmental	David Wooley	Larry DeWitt						✓ Aaron Breidenbaugh	
nvironmental Advocates	Public Power - Environmental	Anne Reynolds	Larry DeWitt						✓ Aaron Breidenbaugh	
lat'l Resources Defense Council	Public Power - Environmental	Dale Bryk	Larry DeWitt						✓ Aaron Breidenbaugh	
Pace University	Public Power - Environmental	Edward Smeloff	Larry DeWitt						✓ Aaron Breidenbaugh	
Scenic Hudson	Public Power - Environmental	Larry DeWitt							✓ Aaron Breidenbaugh	
Bath Electric, Gas & Water Systems	Public Power - Munis & Co-ops	✓ Paul Pallas	Matthew Benesh	Jim Hamilton	Jack Brown	Ken Moore			✓ Tom Rudebusch	
City of Jamestown Board of Pub. Util.	Public Power - Munis & Co-ops	✓ Michael Darroch	David Gustafson	Wally Haase	✓ Tom Rudebusch					
Plattsburgh Municipal Lighting Dept.	Public Power - Munis & Co-ops	Jack Brown	✓ Paul Pallas	✓ Tom Rudebusch						
/illage of Fairport	Public Power - Munis & Co-ops	Ken Moore	✓ Tom Rudebusch	✓ Paul Pallas						
/illage of Freeport	Public Power - Munis & Co-ops	Hubert Bianco	Robert Kortright	Anthony Fiore					✓ Tom Rudebush	
/illage of Rockville Centre	Public Power - Munis & Co-ops	✓ Paul Pallas	Jim Hamilton	Jack Brown	Ken Moore	Matthew Benesh			✓ Tom Rudebusch	
'illage of Westfield	Public Power - Munis & Co-ops	Jim Hamilton	✓ Paul Pallas	Matthew Benesh	Jack Brown	Ken Moore			✓ Tom Rudebusch	
Central Hudson Gas & Electric	Transmission Owners	✓ Charles Freni	John Watzka							
Consolidated Edison	Transmission Owners	Joe Oates	✓ Terry Agriss	✓ Neil Butterklee						✓ N Mah, P Gioia
National Grid	Transmission Owners	✓ Jerry Ancona	✓ Wes Yeomans	Peter Flynn	Herb Schrayshuen					✓ B Franey
IY State Electric Gas (NYSEG)	Transmission Owners	Hank Masti	Denis Wickham	Clifton Olson	✓ Laurie King-Pirchner	✓ Ray Kinney				
Orange & Rockland, Inc.	Transmission Owners	None Assigned								
Rochester Gas & Electric	Transmission Owners	Clifton Olson	✓ Laurie King-Pirchner							
New Member	Non-voting	None Assigned								
lew Member	Non-voting	None Assigned								
New Member	Non-voting	None Assigned								
New Member	Non-voting	None Assigned								

#### NYISO and Hunton & Williams Members in Attendance:

✓ Ira Freilicher	Hunton & Williams
✓ Kathy Robb	Hunton & Williams
✓ Polindo Thornton	NVICO

✓ Mike Calimano NYISO ✓ Bill Museler NYISO ✓ Chuck King NYISO ✓ Mollie Lampi NYISO ✓ Jonathan Mayo NYISO ✓ Bob Rickets NYISO ✓ Elaine Robinson NYISO ✓ Leigh Bullock NYISO ✓ Ray Stalter NYISO ✓ Dave Evanoski NYISO NYISO ✓ Jane Lathrop ✓ Ernie Cardone NYISO ✓ John Charlton NYISO ✓ Andy Hartshorn NYISO/LECG ✓ David Patton Potomac Economics

#### Key:

✓ = In attendance

# New York Independent System Operator Management Committee - January 9, 2003

Motion: Motion #2

Result: Motion Passed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against
Generation Owners	21.5	 	✓	21.50	7.00	0.00	0	21.50	0.00
Other Suppliers	21.5	<b>✓</b>	✓	21.50	14.00	0.00	3	21.50	0.00
Transmission Owners	20.0	<b>/</b>	<b>√</b>	20.00	3.00	1.00	0	15.00	5.00
	20.0			20.00	0.00	1.00	O	10.00	0.00
End Use Consumer	9.0	<b>√</b>	<b>√</b>	9.00	0.00	5.00	1	0.00	15 50
Large Consumer Large Cons. Gov. Agency	2.0	\ \ \		2.00	0.00	0.00	1	0.00	15.50 0.00
Small Consumer	4.5	, , , , , , , , , , , , , , , , , , ,	✓	4.50	0.00	0.00	11	0.00	0.00
Gov. State-wide Cons. Advocate		<b>√</b>	ŕ	2.70	0.00	0.00	1	0.00	0.00
Gov. Sm. Cons. & Retail Aggr.	1.8	<b>✓</b>		1.80	1.00	0.00	1	4.50	0.00
Public Power			✓						
State Power Authorities	8	✓		8.00	2.00	0.00	0	8.00	0.00
Munis and Coops	7	✓		7.00	0.00	1.00	6	0.00	7.00
Environmental	2	✓		2.00	5.00	0.00	0	2.00	0.00
<u>L</u>		<u> </u>	5	100.00	32.00	7.00	24	72.50	27.50
				100.00 No	ormalized	to 100% :		72.50	27.50

# **New York Independent System Operator**

Management Committee - January 9, 2003

#### Motion Motion #2

Contor	Organization	Benracentative	Affiliata	Drocont	Far	Againat
Sector  End Use - Gov. Agency/Aggr.	Organization  NYS Energy Research & Develop. Auth.	Representative  Jeffrey Gerber	Ammate	Fresent	For	Against
End Use - Gov. Agency/Aggr.	The City of New York	Michael Delaney		у	1.00	
End Use - Large Consumer	Alcoa/Reynolds Metals Company	Robert Loughney		y		1.00
End Use - Large Consumer	ATCO Management Co.	George Diamantopoulo		у		
End Use - Large Consumer	IBM Corporation	Robert Loughney		у		1.00
End Use - Large Consumer	Occidental Chemical Corp.	Robert Loughney		у		1.00
End Use - Large Consumer End Use - Large Consumer	Praxair Inc.  Xerox Corporation	Robert Loughney Robert Loughney		y		1.00
End Use - Large Cons. Gov.	Metropolitan Transportation Authority	Jesse Samberg		у		1.00
End Use - Small Consumer	Association for Energy Affordability, Inc.	Aaron Breidenbaugh		у		
End Use - Small Consumer	Beth Israel Health Care System	John Dowling		y		
End Use - Small Consumer	Building and Realty Institute	Tariq Niazi		у		
End Use - Small Consumer	Citizens Advisory Panel	Aaron Breidenbaugh		у		
End Use - Small Consumer	CNYC Inc. (Council of NY Coop & Condo)	Tariq Niazi		у		
End Use - Small Consumer	Columbia University	John Dowling		у		
End Use - Small Consumer	Mount Sinai Medical Center	John Dowling		у		
End Use - Small Consumer End Use - Small Consumer	New York Energy Buyers Forum	Tariq Niazi		у		
End Use - Small Consumer  End Use - Small Consumer	New York Presbyterian Hospital New York University	John Dowling John Dowling		y		
End Use - Small Consumer	Refined Sugars, Inc.	John Dowling		y		
End Use - State Agency	NY State Consumer Protection Board	Tariq Niazi		у		
Generation Owners	AES NY	Christopher Wentlent		y	1.00	
Generation Owners	American National Power, Inc.					
Generation Owners	Astoria Energy LLC					
Generation Owners	Calpine	Glenn Haake		у	1.00	
Generation Owners	East Coast Power		у			
Generation Owners	Edison Mission Marketing & Trading	William Roberts		у	1.00	
Generation Owners	Entergy Nuclear Northeast	Marc Potkin		у	1.00	
Generation Owners	Indeck Energy Services	Mark Younger		у	1.00	
Generation Owners	KeySpan Ravenswood, LLC	James D'Andrea Doreen Saia		У	1.00	
Generation Owners Generation Owners	Mirant New York, Inc. Orion Power New York	John Reese	у	y y	1.00	
Generation Owners  Generation Owners	PG&E Generating	JOHN NEESE	У	y		
Generation Owners	Sithe Energies, Inc.	Garry Brown	у	у		
Generation Owners	TransCanada Power Marketing	2, 5.0	,	,		
Non-voting	Aaron Breidenbaugh	Aaron Breidenbaugh	у	у		
Non-voting	Caithness Energy, L.L.C		у			
Non-voting	Cianbro Corporation		у			
Non-voting	Energetix, Inc.		у			
Non-voting	Hudson River Energy Group		у			
Non-voting	NYS Department of Public Service		у			
Non-voting	The Structure Group		у			
Non-voting	William P. Short	Roberto Denis	у	у		
Other Suppliers Other Suppliers	1st Rochdale Cooperative NYC Advantage Energy, Inc.					
Other Suppliers	Advantage Energy, Inc. Amerada Hess Corporation	Blas Hernandez		у		
Other Suppliers	American Electric Power (AEP) Srvc. Corp.	Dias i icitianaez		,		
Other Suppliers	Aquila Energy Marketing Corp.	Susan Chamberlin		у		
Other Suppliers	Cinergy Capital and Trading					
Other Suppliers	Con Edison Energy		у			
Other Suppliers	Con Edison Solutions	Stephen Wemple	у	у		
Other Suppliers	Conectiv					
Other Suppliers	Constellation New Energy Inc.		у			
Other Suppliers	Constellation Power Source	Glen McCartney		у	1.00	
Other Suppliers	Coral Power, LLC	Matt Picardi		у	1.00	
Other Suppliers	Dominion Energy Marketing, Inc.  Duke Energy North America, LLC	Michael Bekker		У	1.00	
Other Suppliers Other Suppliers	Dynegy  Dynegy	Chris Moser		у	1.00	
Other Suppliers	El Paso Merchant Energy	Russel Like		у	1.00	
Other Suppliers	Exelon Generation - Power Team	Linda Clarke		у	1.00	
Other Suppliers	FPL Energy	Roberto Denis		y	1.00	
Other Suppliers	HQ Energy Services					
Other Suppliers	KeySpan Energy Services		у			
Other Suppliers	Morgan Stanley Capital Group					
Other Suppliers	NRG Power Marketing	Frank Rapley		у	1.00	
Other Suppliers	NU / Select Energy	James Scheiderich		у	1.00	
Other Suppliers	Ontario Power Generation Inc.	Barry Green		у	1.00	
Other Suppliers Other Suppliers	PP&L Energy Plus PSEG Energy Resources & Trade	David Yannarell Howard Fromer		y	1.00	
Other Suppliers Other Suppliers	Reliant Energy Services, Inc.	John Reese		у	1.00	
Other Suppliers	Sempra Energy Trading	Tom Halleran		у	1.00	
Other Suppliers	Strategic Energy LLC			,		
Other Suppliers	Strategic Power Management, Inc.	Dan Duthie		у		
Other Suppliers	Transalta (formerly MEGA)					
Other Suppliers	TransÉnergie U.S. Ltd.		у			
Other Suppliers	Williams Energy Marketing & Trading Co.					
Public Power - Authorities	Long Island Power Authority	Jim Parmelee		у	1.00	
Public Power - Authorities	New York Power Authority	William Palazzo		у	1.00	
Public Power - Environmental	American Wind Energy Association	Aaron Breidenbaugh		у	1.00	
Public Power - Environmental	Environmental Advocates  Nat'l Resources Defense Council	Aaron Breidenbaugh Aaron Breidenbaugh		У	1.00	
Public Power - Environmental  Public Power - Environmental	Pace University	Aaron Breidenbaugh		y y	1.00	
	Scenic Hudson	Aaron Breidenbaugh		y	1.00	
Public Power - Environmental	Bath Electric, Gas & Water Systems	Paul Pallas		y		
Public Power - Environmental Public Power - Munis & Co-ops		Michael Darroch		у		
Public Power - Environmental Public Power - Munis & Co-ops Public Power - Munis & Co-ops	City of Jamestown Board of Pub. Util.					
Public Power - Munis & Co-ops	City of Jamestown Board of Pub. Util.  Plattsburgh Municipal Lighting Dept.	Paul Pallas		y		
Public Power - Munis & Co-ops Public Power - Munis & Co-ops		Paul Pallas Tom Rudebusch		y y		
Public Power - Munis & Co-ops	Plattsburgh Municipal Lighting Dept. Village of Fairport Village of Freeport	Tom Rudebusch Hubert Bianco				1.00
Public Power - Munis & Co-ops Public Power - Munis & Co-ops	Plattsburgh Municipal Lighting Dept.  Village of Fairport  Village of Freeport  Village of Rockville Centre	Tom Rudebusch Hubert Bianco Paul Pallas		у		1.00
Public Power - Munis & Co-ops	Plattsburgh Municipal Lighting Dept. Village of Fairport Village of Freeport Village of Rockville Centre Village of Westfield	Tom Rudebusch Hubert Bianco Paul Pallas Paul Pallas		y y		1.00
Public Power - Munis & Co-ops Transmission Owners	Plattsburgh Municipal Lighting Dept. Village of Fairport Village of Freeport Village of Rockville Centre Village of Westfield Central Hudson Gas & Electric	Tom Rudebusch Hubert Bianco Paul Pallas Paul Pallas Charles Freni		y y y y	1.00	1.00
Public Power - Munis & Co-ops Transmission Owners Transmission Owners	Plattsburgh Municipal Lighting Dept. Village of Fairport Village of Freeport Village of Rockville Centre Village of Westfield Central Hudson Gas & Electric Consolidated Edison	Tom Rudebusch Hubert Bianco Paul Pallas Paul Pallas Charles Freni Terry Agriss		y y y y y	1.00	
Public Power - Munis & Co-ops Transmission Owners Transmission Owners Transmission Owners	Plattsburgh Municipal Lighting Dept. Village of Fairport Village of Freport Village of Rockville Centre Village of Westfield Central Hudson Gas & Electric Consolidated Edison National Grid	Tom Rudebusch Hubert Bianco Paul Pallas Paul Pallas Charles Freni Terry Agriss Jerry Ancona		y y y y y y	1.00	1.00
Public Power - Munis & Co-ops Transmission Owners Transmission Owners	Plattsburgh Municipal Lighting Dept. Village of Fairport Village of Freeport Village of Rockville Centre Village of Westfield Central Hudson Gas & Electric Consolidated Edison	Tom Rudebusch Hubert Bianco Paul Pallas Paul Pallas Charles Freni Terry Agriss	у	y y y y y		

# New York Independent System Operator Management Committee - January 9, 2003

Motion: Motion #3

Result: Motion Failed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against
Generation Owners	21.5	   <b>✓</b>	✓	21.50	7.00	0.00	0	21.50	0.00
Other Suppliers	21.5	✓	✓	21.50	10.00	4.00	4	15.36	6.14
Transmission Owners	20.0	✓	✓	20.00	0.00	4.00	0	0.00	20.00
End Use Consumer			✓						
Large Consumer	9.0	✓		9.00	0.00	6.00	0	0.00	9.00
Large Cons. Gov. Agency	2.0	✓		2.00	0.00	1.00	0	0.00	2.00
Small Consumer	4.5	✓	✓	4.50	0.00	11.00	0	0.00	4.50
Gov. State-wide Cons. Advocate	2.7	✓		2.70	0.00	1.00	0	0.00	2.70
Gov. Sm. Cons. & Retail Aggr.	1.8	✓		1.80	0.00	2.00	0	0.00	1.80
Public Power			✓						
State Power Authorities	8	✓		8.00	0.00	2.00	0	0.00	8.00
Munis and Coops	7	✓		7.00	0.00	7.00	0	0.00	7.00
Environmental	2	✓		2.00	1.00	4.00	0	0.40	1.60
					:				
			5	100.00	18.00	42.00	4	37.26	62.74
				100.00 No	ormalized	to 100% :		37.26	62.74

# **New York Independent System Operator**

Management Committee - January 9, 2003

#### Motion Motion #3

Sector	Organization	Representative	Affiliato	Present	For	Against
End Use - Gov. Agency/Aggr.	NYS Energy Research & Develop. Auth.	Jeffrey Gerber	Aiiiiate	y v	1 01	1.00
End Use - Gov. Agency/Aggr.	The City of New York	Michael Delaney		V		1.00
End Use - Large Consumer	Alcoa/Reynolds Metals Company	Robert Loughney		y		1.00
End Use - Large Consumer	ATCO Management Co.	George Diamantopoulo		у		1.00
End Use - Large Consumer	IBM Corporation	Robert Loughney		у		1.00
End Use - Large Consumer End Use - Large Consumer	Occidental Chemical Corp.  Praxair Inc.	Robert Loughney Robert Loughney		y		1.00
End Use - Large Consumer	Xerox Corporation	Robert Loughney Robert Loughney		у		1.00
End Use - Large Cons. Gov.	Metropolitan Transportation Authority	Jesse Samberg		у		1.00
End Use - Small Consumer	Association for Energy Affordability, Inc.	Aaron Breidenbaugh		у		1.00
End Use - Small Consumer	Beth Israel Health Care System	John Dowling		у		1.00
End Use - Small Consumer	Building and Realty Institute	Tariq Niazi		У		1.00
End Use - Small Consumer End Use - Small Consumer	Citizens Advisory Panel CNYC Inc. (Council of NY Coop & Condo)	Aaron Breidenbaugh Tariq Niazi		у		1.00
End Use - Small Consumer	Columbia University	John Dowling		y y		1.00
End Use - Small Consumer	Mount Sinai Medical Center	John Dowling		у		1.00
End Use - Small Consumer	New York Energy Buyers Forum	Tariq Niazi		y		1.00
End Use - Small Consumer	New York Presbyterian Hospital	John Dowling		у		1.00
End Use - Small Consumer	New York University	John Dowling		у		1.00
End Use - Small Consumer	Refined Sugars, Inc.	John Dowling		У		1.00
End Use - State Agency	NY State Consumer Protection Board	Tariq Niazi		У	4.00	1.00
Generation Owners Generation Owners	AES NY American National Power, Inc.	Christopher Wentlent		у	1.00	
Generation Owners	Astoria Energy LLC					
Generation Owners	Calpine	Glenn Haake		у	1.00	
Generation Owners	East Coast Power		у			
Generation Owners	Edison Mission Marketing & Trading	William Roberts		у	1.00	
Generation Owners	Entergy Nuclear Northeast	Marc Potkin		у	1.00	
Generation Owners	Indeck Energy Services	Mark Younger		у	1.00	
Generation Owners	KeySpan Ravenswood, LLC	James D'Andrea		у	1.00	
Generation Owners Generation Owners	Mirant New York, Inc.	Doreen Saia		У	1.00	
Generation Owners Generation Owners	Orion Power New York PG&E Generating	John Reese	У	У		
Generation Owners  Generation Owners	Sithe Energies, Inc.	Garry Brown	у	у		
Generation Owners	TransCanada Power Marketing	,	,	,		
Non-voting	Aaron Breidenbaugh	Aaron Breidenbaugh	у	у		
Non-voting	Caithness Energy, L.L.C		у			
Non-voting	Cianbro Corporation		у			
Non-voting	Energetix, Inc.		у			
Non-voting	Hudson River Energy Group		у			
Non-voting Non-voting	NYS Department of Public Service  The Structure Group		У			
Non-voting	William P. Short	Roberto Denis	y	у		
Other Suppliers	1st Rochdale Cooperative NYC	Troporto Borno	,	,		
Other Suppliers	Advantage Energy, Inc.					
Other Suppliers	Amerada Hess Corporation	Blas Hernandez		у		
Other Suppliers	American Electric Power (AEP) Srvc. Corp.					
Other Suppliers	Aquila Energy Marketing Corp.	Susan Chamberlin		У		
Other Suppliers	Cinergy Capital and Trading		.,			
Other Suppliers Other Suppliers	Con Edison Energy Con Edison Solutions	Stephen Wemple	y	у		
Other Suppliers	Conectiv	Otephen Wemple	,	y		
Other Suppliers	Constellation New Energy Inc.		у			
Other Suppliers	Constellation Power Source	Glen McCartney		у		1.00
Other Suppliers	Coral Power, LLC	Glenn Haake		у	1.00	
Other Suppliers	Dominion Energy Marketing, Inc.	Michael Bekker		у		
Other Suppliers	Duke Energy North America, LLC	01 : 11			4.00	
Other Suppliers Other Suppliers	Dynegy El Paso Merchant Energy	Chris Moser Russel Like		У	1.00	
Other Suppliers Other Suppliers	Exelon Generation - Power Team	Linda Clarke		y	1.00	
Other Suppliers	FPL Energy	Roberto Denis		y	1.00	
Other Suppliers	HQ Energy Services					
Other Suppliers	KeySpan Energy Services		у			
Other Suppliers	Morgan Stanley Capital Group					
Other Suppliers	NRG Power Marketing	Frank Rapley		у	1.00	
Other Suppliers	NU / Select Energy Ontario Power Generation Inc.	Bob Loughney		у	1.00	1.00
Other Suppliers Other Suppliers	PP&L Energy Plus	Barry Green David Yannarell		y y	1.00	
Other Suppliers	PSEG Energy Resources & Trade	Howard Fromer		у	1.00	
Other Suppliers	Reliant Energy Services, Inc.	John Reese		у	1.00	
Other Suppliers	Sempra Energy Trading	Tom Halleran		y		
Other Suppliers	Strategic Energy LLC	Francis Pullaro		у		1.00
Other Suppliers	Strategic Power Management, Inc.	Dan Duthie		у		1.00
Other Suppliers	Transalta (formerly MEGA)					
Other Suppliers Other Suppliers	TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co.		У			
Public Power - Authorities	Long Island Power Authority	Jim Parmelee		у		1.00
Public Power - Authorities	New York Power Authority	William Palazzo		y		1.00
Public Power - Environmental	American Wind Energy Association	Aaron Breidenbaugh		у	1.00	
Public Power - Environmental	Environmental Advocates	Aaron Breidenbaugh		у		1.00
Public Power - Environmental	Nat'l Resources Defense Council	Aaron Breidenbaugh		у		1.00
Public Power - Environmental	Pace University	Aaron Breidenbaugh		У		1.00
Public Power - Environmental Public Power - Munis & Co-ops	Scenic Hudson  Bath Electric, Gas & Water Systems	Aaron Breidenbaugh Paul Pallas		У		1.00
Public Power - Munis & Co-ops  Public Power - Munis & Co-ops	City of Jamestown Board of Pub. Util.	Michael Darroch		y		1.00
Public Power - Munis & Co-ops	Plattsburgh Municipal Lighting Dept.	Paul Pallas		y		1.00
Public Power - Munis & Co-ops	Village of Fairport	Tom Rudebusch		y		1.00
Public Power - Munis & Co-ops	Village of Freeport	Tom Rudebush		у		1.00
Public Power - Munis & Co-ops	Village of Rockville Centre	Paul Pallas		у		1.00
	Village of Westfield	Paul Pallas		у		1.00
Public Power - Munis & Co-ops		Charles Freni		у		1.00
Transmission Owners	Central Hudson Gas & Electric					4.00
Transmission Owners Transmission Owners	Consolidated Edison	Terry Agriss		у		1.00
Transmission Owners Transmission Owners Transmission Owners	Consolidated Edison National Grid	Terry Agriss Jerry Ancona		у		1.00
Transmission Owners Transmission Owners	Consolidated Edison	Terry Agriss	у			

# New York Independent System Operator Management Committee - January 9, 2003

Motion: Motion #4

Result: Motion Failed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against
Generation Owners	21.5	   ✓	✓	21.50	6.00	0.00	1	21.50	0.00
Other Suppliers	21.5	✓	✓	21.50	12.00	3.00	3	17.20	4.30
Transmission Owners	20.0	✓	✓	20.00	0.00	4.00	0	0.00	20.00
End Use Consumer			✓						
Large Consumer	9.0	✓		9.00	0.00	6.00	0	0.00	9.00
Large Cons. Gov. Agency	2.0	✓		2.00	0.00	1.00	0	0.00	2.00
Small Consumer	4.5	✓	✓	4.50	0.00	11.00	0	0.00	4.50
Gov. State-wide Cons. Advocate	2.7	✓		2.70	0.00	1.00	0	0.00	2.70
Gov. Sm. Cons. & Retail Aggr.	1.8	✓		1.80	0.00	2.00	0	0.00	1.80
Public Power			✓						
State Power Authorities	8	✓		8.00	2.00	0.00	0	8.00	0.00
Munis and Coops	7	✓		7.00	0.00	7.00	0	0.00	7.00
Environmental	2	✓		2.00	1.00	4.00	0	0.40	1.60
				100.00	04.00	00.00		47.40	50.00
			5	100.00	21.00	39.00	4	47.10	52.90
				100.00 No	ormalized	to 100%:		47.10	52.90

# **New York Independent System Operator**

Management Committee - January 9, 2003

#### Motion Motion #4

Sector	Organization	Representative	Affiliate	Present	For	Against
End Use - Gov. Agency/Aggr.	NYS Energy Research & Develop. Auth.	Jeffrey Gerber		у		1.00
End Use - Gov. Agency/Aggr.	The City of New York	Michael Delaney		У		1.00
End Use - Large Consumer End Use - Large Consumer	Alcoa/Reynolds Metals Company ATCO Management Co.	Robert Loughney George Diamantopoulo		y		1.00
End Use - Large Consumer	IBM Corporation	Robert Loughney		у		1.00
End Use - Large Consumer	Occidental Chemical Corp.	Robert Loughney		y		1.00
End Use - Large Consumer	Praxair Inc.	Robert Loughney		у		1.00
End Use - Large Consumer	Xerox Corporation	Robert Loughney		у		1.00
End Use - Large Cons. Gov.	Metropolitan Transportation Authority	Jesse Samberg		у		1.00
End Use - Small Consumer	Association for Energy Affordability, Inc.	Aaron Breidenbaugh		у		1.00
End Use - Small Consumer	Beth Israel Health Care System	John Dowling		у		1.00
End Use - Small Consumer End Use - Small Consumer	Building and Realty Institute  Citizens Advisory Panel	Tariq Niazi Aaron Breidenbaugh		У		1.00
End Use - Small Consumer	CNYC Inc. (Council of NY Coop & Condo)	Tariq Niazi		y y		1.00
End Use - Small Consumer	Columbia University	John Dowling		у		1.00
End Use - Small Consumer	Mount Sinai Medical Center	John Dowling		у		1.00
End Use - Small Consumer	New York Energy Buyers Forum	Tariq Niazi		y		1.00
End Use - Small Consumer	New York Presbyterian Hospital	John Dowling		y		1.00
End Use - Small Consumer	New York University	John Dowling		у		1.00
End Use - Small Consumer	Refined Sugars, Inc.	John Dowling		у		1.00
End Use - State Agency	NY State Consumer Protection Board	Tariq Niazi		у		1.00
Generation Owners	AES NY	Christopher Wentlent		у	1.00	
Generation Owners	American National Power, Inc.					
Generation Owners	Astoria Energy LLC	0			4.00	
Generation Owners	Calpine	Glenn Haake		у	1.00	
Generation Owners	East Coast Power  Edison Mission Marketing & Trading	William Roberts	у	.,	1.00	
Generation Owners Generation Owners	Entergy Nuclear Northeast	Marc Potkin		y	1.00	
Generation Owners	Indeck Energy Services	Mark Younger		y	1.00	
Generation Owners	KeySpan Ravenswood, LLC	James D'Andrea		у		
Generation Owners	Mirant New York, Inc.	Doreen Saia		у	1.00	
Generation Owners	Orion Power New York	John Reese	у	у		
Generation Owners	PG&E Generating					
Generation Owners	Sithe Energies, Inc.	Garry Brown	у	у		
Generation Owners	TransCanada Power Marketing					
Non-voting	Aaron Breidenbaugh	Aaron Breidenbaugh	у	у		
Non-voting	Caithness Energy, L.L.C		у			
Non-voting	Cianbro Corporation		У			
Non-voting	Energetix, Inc.		У			
Non-voting Non-voting	Hudson River Energy Group  NYS Department of Public Service		У			
Non-voting	The Structure Group		y			
Non-voting	William P. Short	Roberto Denis	y	у		
Other Suppliers	1st Rochdale Cooperative NYC	Troporto Borno	,	,		
Other Suppliers	Advantage Energy, Inc.					
Other Suppliers	Amerada Hess Corporation	Blas Hernandez		у		
Other Suppliers	American Electric Power (AEP) Srvc. Corp.					
Other Suppliers	Aquila Energy Marketing Corp.	Susan Chamberlin		у		
Other Suppliers	Cinergy Capital and Trading					
Other Suppliers	Con Edison Energy		у			
Other Suppliers	Con Edison Solutions	Stephen Wemple	у	у		
Other Suppliers	Conectiv					
Other Suppliers Other Suppliers	Constellation New Energy Inc.  Constellation Power Source	Glen McCartney	У		1.00	
Other Suppliers	Coral Power, LLC	Glenn Haake		y y	1.00	
Other Suppliers	Dominion Energy Marketing, Inc.	Michael Bekker		y	1.00	
Other Suppliers	Duke Energy North America, LLC	WICHACI DERREI		y	1.00	
Other Suppliers	Dynegy	Chris Moser		У	1.00	
Other Suppliers	El Paso Merchant Energy	Russel Like		y	1.00	
Other Suppliers	Exelon Generation - Power Team	Linda Clarke		у	1.00	
Other Suppliers	FPL Energy	Roberto Denis		у	1.00	
Other Suppliers	HQ Energy Services					
Other Suppliers	KeySpan Energy Services		у			
Other Suppliers	Morgan Stanley Capital Group					
Other Suppliers	NRG Power Marketing	Frank Rapley		у	1.00	4.00
Other Suppliers	NU / Select Energy	Bob Loughney		У	4.00	1.00
Other Suppliers Other Suppliers	Ontario Power Generation Inc. PP&L Energy Plus	Barry Green David Yannarell		У	1.00	
Other Suppliers Other Suppliers	PSEG Energy Resources & Trade	Howard Fromer		y	1.00	
Other Suppliers	Reliant Energy Services, Inc.	John Reese		y	1.00	
Other Suppliers	Sempra Energy Trading	Tom Halleran		у	1.00	
Other Suppliers	Strategic Energy LLC	Francis Pullaro		у		1.00
	Strategic Power Management, Inc.	Dan Duthie		у		1.00
Other Suppliers						
	Transalta (formerly MEGA)					
Other Suppliers	TransÉnergie U.S. Ltd.		у			
Other Suppliers Other Suppliers Other Suppliers Other Suppliers	TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co.		у			
Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities	TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority	Jim Parmelee	У	у	1.00	
Other Suppliers Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities	TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority	William Palazzo	У	у	1.00	
Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Environmental	TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association	William Palazzo  Aaron Breidenbaugh	У	y y		4.00
Other Suppliers Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Environmental	TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates	William Palazzo  Aaron Breidenbaugh  Aaron Breidenbaugh	у	y y y	1.00	1.00
Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Environmental Public Power - Environmental	TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Natl Resources Defense Council	William Palazzo  Aaron Breidenbaugh  Aaron Breidenbaugh  Aaron Breidenbaugh	У	y y y	1.00	1.00
Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Environmental Public Power - Environmental Public Power - Environmental Public Power - Environmental	TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Natl Resources Defense Council Pace University	William Palazzo Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh	У	y y y y	1.00	1.00 1.00
Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental	TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nart Resources Defense Council Pace University Scenic Hudson	William Palazzo  Aaron Breidenbaugh  Aaron Breidenbaugh  Aaron Breidenbaugh  Aaron Breidenbaugh  Aaron Breidenbaugh	У	y y y y y	1.00	1.00 1.00 1.00
Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental	TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems	William Palazzo Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Paul Pallas	У	y y y y y	1.00	1.00 1.00 1.00 1.00
Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Munis & Co-ops Public Power - Munis & Co-ops	TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Util.	William Palazzo  Aaron Breidenbaugh  Aaron Breidenbaugh  Aaron Breidenbaugh  Aaron Breidenbaugh  Aaron Breidenbaugh	У	y y y y y y	1.00	1.00 1.00 1.00
Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental	TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems	William Palazzo Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Paul Pallas Michael Darroch	У	y y y y y y y	1.00	1.00 1.00 1.00 1.00 1.00
Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Munis & Co-ops Public Power - Munis & Co-ops	TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Util. Plattsburgh Municipal Lighting Dept.	William Palazzo Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Paul Pallas Michael Darroch Paul Pallas	У	y y y y y y y	1.00	1.00 1.00 1.00 1.00 1.00
Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Munis & Co-ops	TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Util. Plattsburgh Municipal Lighting Dept. Village of Fairport	William Palazzo Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Paul Pallas Michael Darroch Paul Pallas Tom Rudebusch	У	y y y y y y y	1.00	1.00 1.00 1.00 1.00 1.00 1.00
Other Suppliers Public Power - Authorities Public Power - Environmental Public Power - Munis & Co-ops	TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Natl Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Util. Plattsburgh Municipal Lighting Dept. Village of Fairport Village of Freeport	William Palazzo Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Paul Pallas Michael Darroch Paul Pallas Tom Rudebusch Tom Rudebusch	У	y y y y y y y y y y y y y y y y y y	1.00	1.00 1.00 1.00 1.00 1.00 1.00 1.00
Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Munis & Co-ops	TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nart Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Util. Plattsburgh Municipal Lighting Dept. Village of Fairport Village of Freport	William Palazzo Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Paul Pallas Michael Darroch Paul Pallas Tom Rudebusch Tom Rudebusch Paul Pallas	y	y y y y y y y y y y y y y y y y y y y	1.00	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Munis & Co-ops	TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nart Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems Citly of Jamestown Board of Pub. Util. Plattsburgh Municipal Lighting Dept. Village of Fairport Village of Freeport Village of Rockville Centre Village of Westfield Central Hudson Gas & Electric Consolidated Edison	William Palazzo Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Paul Pallas Michael Darroch Paul Pallas Tom Rudebush Paul Pallas Tom Rudebush Paul Pallas Paul Pallas	y	y y y y y y y y y y y y y y y y y y y	1.00	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Munis & Co-ops Transmission Owners Transmission Owners Transmission Owners	TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Util. Plattsburgh Municipal Lighting Dept. Village of Fairport Village of Freeport Village of Rockville Centre Village of Westfield Central Hudson Gas & Electric Consolidated Edison National Grid	William Palazzo Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Paul Pallas Michael Darroch Paul Pallas Tom Rudebush Paul Pallas Tom Rudebush Paul Pallas Paul Pallas Tom Tary	y	y y y y y y y y y y y	1.00	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
Other Suppliers Public Power - Authorities Public Power - Environmental Public Power - Munis & Co-ops Transmission Owners Transmission Owners	TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nart Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems Citly of Jamestown Board of Pub. Util. Plattsburgh Municipal Lighting Dept. Village of Fairport Village of Freeport Village of Rockville Centre Village of Westfield Central Hudson Gas & Electric Consolidated Edison	William Palazzo Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Aaron Breidenbaugh Paul Pallas Michael Darroch Paul Pallas Tom Rudebusch Tom Rudebusch Paul Pallas Paul Pallas Charles Freni Terry Agriss	y	y y y y y y y y y y y y y y y y y y y	1.00	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00