

## DRAFT

### NYISO Management Committee Meeting

17 August 2001  
by Conference Call

#### Meeting Minutes

#### 1. Introductions and Meeting Objectives

Mr. Reed noted that the nature of this topic, the credit policy for participation in Virtual Bidding, might have been more easily addressed in a face-to-face meeting. However, he proposed an orderly process, as noted in the agenda below. After discussions, he will take amendments to the motion.

#### 2. Attendance by Roll Call

Ms. Bullock took attendance by sector.

#### 3. Brief Summary and Presentation of Motion (as distributed)

Mr. Amati reviewed the 2 August MC meeting action on Virtual Bidding that directed subsequent action to be taken by the committee on credit policies. He articulated the process by which BSP developed the proposal being presented here and that the proposal was supported by a majority of the BSP.

#### 4. Presentation of ~~Credit Policy for Proposed Interim Virtual Credit Policy Bidding as Approved by the Budgets, Standards, and Performance Subcommittee~~

Mr. Ragogna recognized the efforts of the Credit Policy Working Group. Most of his presentation drew upon the slide handout, attached. Mr. Gootee supplemented Mr. Ragogna's overview by expanding on the examples in the handout.

The financial issue for Virtual Bidding generally, is that a Virtual Load bid is a bet that RT prices will exceed DAM prices, while a Virtual Supply bid is the reverse. The risk of default stems from the exposure resulting from losing the bet.

Mr. Gootee's discussion of Slide 7 specified the components of exposure and the model used to determine that exposure. The calculation of credit collateralization is based on what is known about market right now. The three main components of exposure are 1) the number of MWHrs bid in a day, 2) the number of days in the exposure calculation period, and 3) the likely difference between the DAM and RT price.

The third point is amenable to statistical analysis for the purpose of articulating the exposure based on a price differential. In statistical terms, based on analysis of data for the period January through June 2001, there is a 97% probability that the difference between the DAM and RT prices will be less than or equal to \$95.78 (This number will be updated to measure the period 1 June through 31 August.). This number, multiplied by the days of exposure – 14, given the timing of the DAM bid and selection process, and multiplied again by the desired MWhr to be bid on a daily basis, determines the collateral required to support a Market Participant's Virtual Bidding practices.

An objective of the Virtual Bidding process is to allow as much flexibility as possible; the Market Participant would tell the NYISO how many MWhrs they desire to bid. Type of bidding (by hours) would be unrestricted.

The fourteen days of collateral represents known plus unknown exposure (slides 9 through 11).

Slides 12 and 13 highlight the activity associated with monitoring financial exposure. There is also an important element of exposure protection. The environment calls for a market-wide suspension of trading based on some specific decision criteria as explained in slides 14 and 15.

The concept of loss sharing provides a means of peer-based protection for the market in the event of the default of a Virtual Bidder on a virtual bid obligation.

Mr. Amati moved the motion and Mr. Hiney seconded it.

## **5. Discussion: Request for Questions by Sector**

Clarification questions, amendments by sector:

Public:

NYPA posed a question about development of risk premiums for inclusion in a generator's Reference Levels. Market Monitoring responded that such premiums were eligible for inclusion. Market Monitoring also responded to Jamestown's loss-sharing question. The activity refers to the monthly bills.

Supplier:

Aquila suggested that collateral be held by escrow agent rather than NYISO. PPL wanted to reduce the days in the exposure calculation from 14 to 7, noting that the 97% is a worst-case scenario.

Mr. Duthie wanted the risk premium in the reference prices to be posted. Market Monitoring responded that the premium would be posted when it was determined.

Edison Mission asked the call for additional or paydown, which occurs when the accounts receivable equals 50% of the collateral posted by a Market Participant. They wanted to know explicitly what would happen to bids previously submitted if the next bid submitted required a paydown. The answer was that bids completed up to the point of the call and bids submitted on the day that the paydown was required will go through, but bids submitted after the day that the paydown is required will be blocked if no paydown or additional collateral is received.

Mr. Holtman of Mirant asked about the meaning of the suspension of Virtual Bidding if “the Market Participants could not control their costs”. Mr. Ragogna responded that among other conditions, the NYISO would suspend Virtual Bidding if undue volatility occurred in energy prices. Mr. Ragogna referred the group to slides 14 and 15 for further elaboration of the conditions that might necessitate suspension of the market, and the process by which that decision would be made.

End Use:

Mr. Mager for Alcoa and others posed concerns about application of the risk premium to Reference Levels. He said that any premium would have to apply to all generators, and not be individualized by unit. He requested that the NYISO Market Monitoring Unit verify the appropriateness of such a premium before applying it.

Mr. Samberg asked if Virtual Bidding would be rolled out gradually, or all at once. Mr. Ragogna noted that it would be full-blown from the outset. Mr. Gootee added that IS is working to develop market scenarios for testing. He noted further that there would be training. Mr. Gootee also provided a clarification of the fourth bullet on page 2 of the Executive Summary. The last sentence of that bullet should read, “... the TOs would pick up approximately 54%, the generators 25%, and all others 21%.”

Mr. Samberg raised the question about the exposure beyond the \$95.78 figure. He wanted to know the maximum DAM-RT delta experienced by the NYISO.

Mr. Shanker noted that with some of the NYISO’s tools it has the ability to avoid the risk even beyond that number.

Mr. Dowling for Beth Israel and others inquired about the nature of the risk premiums being added to generator reference levels. His position was that the generators were looking to apply a risk premium to mitigate a risk that was already fully collateralized. Mr. Ragogna responded that there is a risk created by the difference in LBMPs between the DAM and RT. Mr. Dowling replied that MW-based operating risk was distinct from the dollar-based credit risk.

Mr. Niazi wanted to know if a large risk premium should call for an increase in collateral, say, as an alternative to increasing reference levels. NYISO will look at the impact on the liquidity of the market.

Amendments:

Allan Babp of PPL proposed an unfriendly motion to reduce the number of days needed to determine collateral from 14 to seven. There was a second from New Energy.

Mr. Ragogna replied that he was not comfortable with the amendment. There is still unknown exposure with 7 days of collateral. The NYISO might make a call after four days. If the call is on a Friday, there is still 11 days of exposure despite seven days of collateral. A second concern is that it is not known how volatile the market is. Seven days of collateral will mean a greater number of paydowns and calls. Mr. Ragogna wanted to stay at 14, but he would revisit the issue as the NYISO gained experience. Allan responded that he would make sure that he is appropriately collateralized going into a weekend. Mr. Ragogna replied that paydown on the same day is impractical. Allan requested a permanent policy as soon as possible.

Mr. Reed requested that Mr. Ragogna shorten the review from the five months initially proposed. Allan still wanted motion voted on.

Mr. Mager noted that continually lowering the collateral might result in raising the Reference Level risk premium.

John Dowling proposed a friendly amendment to the second paragraph of the Loss Sharing slide (16) as follows (changes underlined and deletions struck through): The Market Monitoring Unit will evaluate and, if appropriate, increase or decrease generator reference prices to account for any additional changes in cost that may result from now requiring generators to incur these costs by virtue of the loss sharing formula for virtual bidding.

## **6. Vote by Roll Call**

### **Motion #1(with friendly amendment):**

The Management Committee requests the NYISO Board to additionally concur, for the Section 205 filing to implement virtual bidding, to include the credit policy as discussed in the materials presented to the Management Committee for this meeting, and as amended below, provided however, that final tariff language be reviewed by the Chair and Vice Chair of the Budget Standards and Performance Committee in consultation with the Credit Policy Working Group.

The credit policy materials are amended as follows: The Market Monitoring Unit will evaluate and, if appropriate, increase or decrease the generator reference prices to account for any changes in costs that may result from now requiring generators to incur these costs by virtue of the loss sharing formula for virtual bidding.

**Motion #2:**

Motion to amend the Credit Policy materials incorporated in Motion 1 to reduce the number of days needed to determine the collateral requirement from 14 days to seven days.

Motion (#2) to amend the number of days failed with 23.38% in favor.  
Original Motion (#1) with the friendly amendment passed with 92.77% in favor.

- 7. Motion to Adjourn was made, seconded, and unanimously approved.**

# **NYISO Management Committee Meeting**

August 17, 2001  
Special Conference Call Meeting

## **MOTIONS OF THE MEETING**

### **Motion #1(with friendly amendment):**

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The credit policy materials are amended as follows: The Market Monitoring Unit will evaluate and, if appropriate, increase or decrease the generator reference prices to account for any changes in costs that may result from now requiring generators to incur these costs by virtue of the loss sharing formula for virtual bidding.

*(Motion passed with 92.77% affirmative votes)*

### **Motion #2:**

Motion to amend the Credit Policy materials incorporated in Motion 1 to reduce the number of days needed to determine the collateral requirement from 14 days to seven days.

*(Motion failed with 23.38% affirmative votes)*

**New York Independent System Operator - Committee Membership**

**Management Committee - August 17, 2001 - Special Meeting by Conference Call - Members Checked in Attendance**

Organization	Sector	Representative	Proxy	Alternate1	Alternate2	Alternate3	Alternate4	Guest
NYS Energy Research & Develop. Auth. The City of New York	End Use - Gov. Agency/Aggr. End Use - Gov. Agency/Aggr.	Paul DeCotis ✓ Jay Kooper	✓ Tariq Niazi Jonathan Wallach	Charles Kowalski Richard Miller	Jeffrey Gerber			
Alcoa/Reynolds Metals Company	End Use - Large Consumers	Leonard Singer		Robert Loughney	✓ Michael Mager			
Amerada Hess Corporation	End Use - Large Consumers	John Schultz		Mark Wilson	Michael DiBella	Greg Sticka		
ATCO Management Co.	End Use - Large Consumers	Peter DiCapua		Scott Petersen	George Diamantopoulos	Steven Latargia		
IBM Corporation	End Use - Large Consumers	Leonard Singer		Robert Loughney	✓ Michael Mager			
Occidental Chemical Corp.	End Use - Large Consumers	Leonard Singer		Robert Loughney	✓ Michael Mager			
Praxair Inc.	End Use - Large Consumers	Christian Lenci		Leonard Singer	Robert Loughney	✓ Michael Mager		
Xerox Corporation	End Use - Large Consumers	Leonard Singer		Robert Loughney	✓ Michael Mager			
Metropolitan Transportation Authority	End Use - Large Cons. Gov.	✓ Jesse Samberg		Gary Caplan	Walter McCarroll			
Aaron Breidenbaugh	End Use - Small Consumers	Aaron Breidenbaugh						
Association for Energy Affordability, Inc.	End Use - Small Consumers	✓ David Hepinshall		Larry DeWitt				
Beth Israel Health Care System	End Use - Small Consumers	Catherine Luthin		✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner	
Building and Realty Institute	End Use - Small Consumers	Herb Rose		Jeff Hanley	Catherine Luthin	✓ John Dowling	Jennifer Kearney	
Caithness Energy, L.L.C	End Use - Small Consumers	Daniel McBrearty		Jack Feinstein				
Citizens Advisory Panel	End Use - Small Consumers	Gordian Raacke		Larry DeWitt				
CNYC Inc. (Council of NY Coop & Condo)	End Use - Small Consumers	Herb Rose		MaryAnn Rothman	Catherine Luthin	✓ John Dowling	Jennifer Kearney	
Columbia University	End Use - Small Consumers	Catherine Luthin		✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner	
Hudson River Energy Group	End Use - Small Consumers	Frank Radigan						
Mount Sinai Medical Center	End Use - Small Consumers	Catherine Luthin		✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner	
New York Energy Buyers Forum	End Use - Small Consumers	Catherine Luthin		✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner	
New York Presbyterian Hospital	End Use - Small Consumers	Catherine Luthin		✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner	
New York University	End Use - Small Consumers	Catherine Luthin		✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner	
Refined Sugars, Inc.	End Use - Small Consumers	John Gebhard		Paul Faia	Catherine Luthin	✓ John Dowling	Jennifer Kearney	
William P. Short	End Use - Small Consumers	William Short	Roberto Denis	Mark Schaefer	Joe DeVito	John Brodbeck	Ron Matlock	
NY State Consumer Protection Board	End Use - State Agency	✓ Tariq Niazi		Doug Elfner				
AES NY	Generation Owners	Christopher Wentlent		Rick Santoroski				
American National Power, Inc.	Generation Owners	Dorothy Capra		Bill Henson				
Calpine	Generation Owners	John Eff		Thomas Kaslow	Richard Felak			
CH Resources	Generation Owners	Gary Thom		Gary Miller	Diane Seitz			
East Coast Power	Generation Owners	Gary Keவில்		Asavari Alvarez				✓ Roy Shanker
Edison Mission Marketing & Trading	Generation Owners	✓ William Roberts		Robert Agnello	Jeffrey Ellis			
Entergy Nuclear Northeast	Generation Owners	Marc Potkin		William Stone				
Indeck Energy Services	Generation Owners	Mike Ferguson		John Schrage				
KeySpan Ravenswood, Inc	Generation Owners	James Brennan			✓ Dick Ackerson	Ron Lukas	Terrence Kain	
Mirant New York, Inc.	Generation Owners	✓ Joe Holtman		Mark Petro	Doreen Saia			
NRG Energy	Generation Owners	Joe Devito	Chris Young	✓ Frank Rapley	Paul Savage	Marc Dworkin	Ruben Brown	
Orion Power New York	Generation Owners	Mark Sudbey		✓ Janet Audunson	John Reese			
PG&E Generating	Generation Owners	Steve McDonald		Jeff Simmons				
PSEG Energy Resources & Trade	Generation Owners	✓ James Hebson		Michael LaFalce				
Sithe Energies, Inc.	Generation Owners	Tim Bush		✓ Garry Brown	David Applebaum			
TransCanada Power Marketing	Generation Owners	William Taylor		Elaine Beaudry				
NYS Department of Public Service	Non-voting	Saul Rigberg		Joel Brainard				✓ Bill Heinrich
1st Rochdale Cooperative NYC	Other Suppliers	Phyllis Kessler		Gregory Wortham				
Advantage Energy, Inc.	Other Suppliers	Kyle Storie			Andrea Mendez			
American Electric Power (AEP)	Other Suppliers	Glenn Riepl		James Shrewsbury				
Aquila Energy Marketing Corp.	Other Suppliers	Jason Stever		✓ Peter Brown	David Wiesner	✓ Pamela VanHorn	Richard Mooney	
Automated Power Exchange (APX)	Other Suppliers	Gary Zielanski		Mike FitzPatrick				
Cinergy Capital and Trading	Other Suppliers	Walt Yeager		Jan Bagnall				
Cinergy Services	Other Suppliers	Walt Yeager		Jan Bagnall				
Con Edison Energy	Other Suppliers	Ken Bekman		Ivan Kimball				
Con Edison Solutions	Other Suppliers	Ken Bekman		✓ Stephen Wemple				
Conectiv	Other Suppliers	Steve Huntoon		Bill Fehr				
Constellation Power Source	Other Suppliers	✓ Harvey Reed		✓ Glen McCartney	David Taylor			
Duke Energy North America, LLC	Other Suppliers	Ronald Matlock		Del Disher	Tom Bankert			
Dynegy	Other Suppliers	Chad Wagner		Matthew Picardi				
El Paso Merchant Energy	Other Suppliers	Alan Foster		Eric Stoerr				
Energetic, Inc.	Other Suppliers	Barney Farnsworth						
Enron Power Marketing Inc.	Other Suppliers	Howard Fromer						
Exelon Generation - Power Team	Other Suppliers	Regina Carrado		✓ Garry Brown	David Applebaum	Tim Bush	Jack Crowley	
FPL Energy	Other Suppliers	Roberto Denis		Bill Fenerty				
HQ Energy Services	Other Suppliers	Benoit Goyette		Michel Prevost	Paul Norris	Joel Zipp	Gunnar Birgisson	
KeySpan Energy Services	Other Suppliers	Ron Lukas		Ruben Brown	Peter Chamberlain	John Smith		
MEGA (Merchant Energy Group of the Amer	Other Suppliers	Joseph Limone		John Carmody				
Morgan Stanley Capital Group	Other Suppliers	Patrick Murray	✓ Mindy Sauter	Karen Kochonies	Levon Kazarian	Doron Ezickson		
New Energy Inc.	Other Suppliers	Peter Duprey		Stephen Fernands				
Niagara Mohawk Energy Marketing	Other Suppliers	Marc Overdyk		Jim Cifaratta				
NU / Select Energy	Other Suppliers	Gunnar Jorgensen	✓ Garry Brown	James Scheiderich				
Ontario Power Generation Inc.	Other Suppliers	Barry Green		Tasos Karatsoreos	Ken Lacivita			
PP&L Energy Plus	Other Suppliers	John Brodbeck	✓ Alan Babp		Roger Dolan	Garreth Kirkner		
PSEG Energy Technologies Inc.	Other Suppliers	Patricia Esposito						
Sempra Energy Trading	Other Suppliers	Bill Winget						
Strategic Energy LLC	Other Suppliers			Dana Volpe	✓ Russel Like			
Strategic Power Management, Inc.	Other Suppliers			Jeffrey Knox	James McCormick	Lisa Barton		
TransEnergie U.S. Ltd.	Other Suppliers	✓ Dan Duthie		Mario DiValentino				
Williams Energy Marketing & Trading Co.	Other Suppliers	José Rotger		Michael Jacobs				
Long Island Power Authority	Public Power - Authorities	Dennis Keener		Robert O'Connell				
New York Power Authority	Public Power - Authorities	Jim Parmelee	✓ Kevin Jones	Seth Hulkower	Alan Elberfield			
American Wind Energy Association	Public Power - Environmental	✓ Robert Hiney		William Palazzo	Kim Byham			
Environmental Advocates	Public Power - Environmental	David Wooley		Larry DeWitt				
Nat'l Resources Defense Council	Public Power - Environmental	Anne Reynolds		Larry DeWitt				
Pace University	Public Power - Environmental	Dale Bryk		Larry DeWitt				
Scenic Hudson	Public Power - Environmental	Edward Smeloff		Larry DeWitt				
Bath Electric, Gas & Water Systems	Public Power - Munis & Co-ops	Larry Wrinkle	Tom Rudebusch	Paul Pallas	Jim Hamilton	Jack Brown	Ken Moore	
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	Paul Pallas		
Village of Fairport	Public Power - Munis & Co-ops	Ken Moore		Tom Rudebusch				
Village of Freeport	Public Power - Munis & Co-ops	Hubert Bianco		Robert Kortright				
Village of Rockville Centre	Public Power - Munis & Co-ops	Paul Pallas	Tom Rudebusch	Jim Hamilton	Jack Brown	Ken Moore	Neil Wrinkle	
Village of Westfield	Public Power - Munis & Co-ops	Jim Hamilton	Tom Rudebusch	Paul Pallas	Neil Wrinkle	Jack Brown	Ken Moore	
Central Hudson Gas & Electric	Transmission Owners	Charles Freni	✓ Tom Canino	John Watzka	Ronald Brand			
Consolidated Edison	Transmission Owners	Robert Saya	✓ Trish Douglas	Joseph Oates	Bill Jaeger			
Niagara Mohawk Power Company	Transmission Owners	Clement Nadeau		Jerry Ancona	✓ Martin Amati	Herb Schrayshuen		
NY State Electric Gas (NYSEG)	Transmission Owners	Denis Wickham	David Kimiecik(BIC)	Raymond Kinney	✓ Hank Masti			
Orange & Rockland, Inc.	Transmission Owners	Phil Nannery						
Rochester Gas & Electric	Transmission Owners	Clifton Olson	David Kimiecik(BIC)	✓ Laurie King-Pirchner				

**New York Independent System Operator - Committee Membership**

**Management Committee - August 17, 2001 - Special Meeting by Conference Call - Members Checked in Attendance**

Organization	Sector	Representative	Proxy	Alternate1	Alternate2	Alternate3	Alternate4	Guest
New Member	Non-voting							
New Member	Non-voting							

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

Ira Freilicher	Hunton & Williams
Kathy Robb	Hunton & Williams
James Schmidt	Hunton & Williams
✓ Rob Fernandez	NYISO
✓ Jim Savitt	NYISO
✓ Mike Mackles	NYISO
✓ Jonathan Mayo	NYISO
Bill Museler	NYISO
✓ Leigh Bullock	NYISO
John Charlton	NYISO
✓ Jane Lathrop	NYISO
✓ Mollie Lampi	NYISO
✓ Andy Ragogna	Navigant

**Key:**

- ✓ = In attendance
- ✓ = In attendance by teleconferencing



# New York Independent System Operator

## Management Committee - August 17, 2001

Motion: [Motion #1](#)

Result: [Motion Passed](#)

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against	
Generation Owners	21.5	✓	✓	21.50	5.00	1.00	0	17.92	3.58	
Other Suppliers	21.5	✓	✓	21.50	6.00	1.00	1	18.43	3.07	
Transmission Owners	20.0	✓	✓	20.00	5.00	0.00	0	20.00	0.00	
End Use Consumers			✓							
Large Consumers	9.0	✓		9.00	5.00	0.00	0	9.00	0.00	
Large Cons. Gov. Agency	2.0	✓		2.00	1.00	0.00	0	2.00	0.00	
Small Consumers	4.5	✓		4.50	10.00	0.00	0	4.50	0.00	
Gov. State-wide Cons. Advocate	2.7	✓		2.70	1.00	0.00	0	2.70	0.00	
Gov. Sm. Cons. & Retail Aggr.	1.8	✓		1.80	2.00	0.00	0	1.80	0.00	
Public Power			x							
State Power Authorities	8	✓		8.00	2.00	0.00	0	8.00	0.00	
Munis and Coops	7	✓		1.00	1.00	0.00	0	1.00	0.00	
Environmental	2	✓		0.00	0.00	0.00	0	0.00	0.00	
				4	92.00	38.00	2.00	1	85.35	6.65
					92.00	Normalized to 100% :			92.77	7.23

**New York Independent System Operator  
Management Committee - August 17, 2001**

**Motion  
Motion #1**

Sector	Organization	Representative	Affiliate	Present	For	Against
End Use - Gov. Agency/Aggr.	NYS Energy Research & Develop. Auth.	Tariq Nazi		y	1.00	
End Use - Gov. Agency/Aggr.	The City of New York	Jay Kooper		y	1.00	
End Use - Large Consumers	Alcoa/Reynolds Metals Company	Michael Mager		y	1.00	
End Use - Large Consumers	Amerada Hess Corporation					
End Use - Large Consumers	ATCO Management Co.					
End Use - Large Consumers	IBM Corporation	Michael Mager		y	1.00	
End Use - Large Consumers	Occidental Chemical Corp.	Michael Mager		y	1.00	
End Use - Large Consumers	Praxair Inc.	Michael Mager		y	1.00	
End Use - Large Consumers	Xerox Corporation	Michael Mager		y	1.00	
End Use - Large Cons. Gov.	Metropolitan Transportation Authority	Jesse Samberg		y	1.00	
End Use - Small Consumers	Aaron Breidenbaugh					
End Use - Small Consumers	Association for Energy Affordability, Inc.	David Hepinstall		y	1.00	
End Use - Small Consumers	Beth Israel Health Care System	John Dowling		y	1.00	
End Use - Small Consumers	Building and Realty Institute	John Dowling		y	1.00	
End Use - Small Consumers	Caithness Energy, L.L.C.					
End Use - Small Consumers	Citizens Advisory Panel					
End Use - Small Consumers	CNYC Inc. (Council of NY Coop & Condo)	John Dowling		y	1.00	
End Use - Small Consumers	Columbia University	John Dowling		y	1.00	
End Use - Small Consumers	Hudson River Energy Group					
End Use - Small Consumers	Mount Sinai Medical Center	John Dowling		y	1.00	
End Use - Small Consumers	New York Energy Buyers Forum	John Dowling		y	1.00	
End Use - Small Consumers	New York Presbyterian Hospital	John Dowling		y	1.00	
End Use - Small Consumers	New York University	John Dowling		y	1.00	
End Use - Small Consumers	Refined Sugars, Inc.	John Dowling		y	1.00	
End Use - Small Consumers	William P. Short					
End Use - State Agency	NY State Consumer Protection Board	Tariq Nazi		y	1.00	
Generation Owners	AES NY					
Generation Owners	American National Power, Inc.					
Generation Owners	Calpine					
Generation Owners	CH Resources		y			
Generation Owners	East Coast Power		y			
Generation Owners	Edison Mission Marketing & Trading	William Roberts		y	1.00	
Generation Owners	Energy Nuclear Northeast					
Generation Owners	Indeck Energy Services					
Generation Owners	KeySpan Ravenswood, Inc	Dick Ackerson		y	1.00	
Generation Owners	Mirant New York, Inc.	Joe Holtman		y	1.00	
Generation Owners	NRG Energy	Frank Rapley		y	1.00	
Generation Owners	Orion Power New York	Janet Audinson		y	1.00	
Generation Owners	PG&E Generating					
Generation Owners	PSEG Energy Resources & Trade	James Hebson		y		1.00
Generation Owners	Sithe Energies, Inc.	Garry Brown	y	y		
Generation Owners	TransCanada Power Marketing					
Non-voting	NYS Department of Public Service		y			
Other Suppliers	1st Rochdale Cooperative NYC					
Other Suppliers	Advantage Energy, Inc.					
Other Suppliers	American Electric Power (AEP)					
Other Suppliers	Aquila Energy Marketing Corp.	Peter Brown		y	1.00	
Other Suppliers	Automated Power Exchange (APX)					
Other Suppliers	Cinergy Capital and Trading		y			
Other Suppliers	Cinergy Services					
Other Suppliers	Con Edison Energy		y			
Other Suppliers	Con Edison Solutions	Stephen Wemple	y	y		
Other Suppliers	Conectiv					
Other Suppliers	Constellation Power Source	Harvey Reed		y		
Other Suppliers	Duke Energy North America, LLC					
Other Suppliers	Dynegy					
Other Suppliers	El Paso Merchant Energy					
Other Suppliers	Energetix, Inc.		y			
Other Suppliers	Enron Power Marketing Inc.					
Other Suppliers	Exelon Generation - Power Team	Garry Brown		y	1.00	
Other Suppliers	FPL Energy					
Other Suppliers	HQ Energy Services					
Other Suppliers	KeySpan Energy Services		y			
Other Suppliers	MEGA (Merchant Energy Group of the Americas)					
Other Suppliers	Morgan Stanley Capital Group	Mindy Sauter		y	1.00	
Other Suppliers	New Energy Inc.		y			
Other Suppliers	Niagara Mohawk Energy Marketing		y			
Other Suppliers	NU / Select Energy	Garry Brown		y	1.00	
Other Suppliers	Ontario Power Generation Inc.					
Other Suppliers	PP&L Energy Plus	Alan Babp		y	1.00	
Other Suppliers	PSEG Energy Technologies Inc.					
Other Suppliers	Sempra Energy Trading	Russel Like		y		1.00
Other Suppliers	Strategic Energy LLC					
Other Suppliers	Strategic Power Management, Inc.	Dan Duthie		y	1.00	
Other Suppliers	TransEnergie U.S. Ltd.		y			
Other Suppliers	Williams Energy Marketing & Trading Co.					
Public Power - Authorities	Long Island Power Authority	Kevin Jones		y	1.00	
Public Power - Authorities	New York Power Authority	Robert Hiney		y	1.00	
Public Power - Environmental	American Wind Energy Association					
Public Power - Environmental	Environmental Advocates					
Public Power - Environmental	Natl Resources Defense Council					
Public Power - Environmental	Pace University					
Public Power - Environmental	Scenic Hudson					
Public Power - Munis & Co-ops	Bath Electric, Gas & Water Systems					
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.					
Public Power - Munis & Co-ops	Village of Fairport					
Public Power - Munis & Co-ops	Village of Freeport					
Public Power - Munis & Co-ops	Village of Rockville Centre					
Public Power - Munis & Co-ops	Village of Westfield					
Transmission Owners	Central Hudson Gas & Electric	Tom Canino		y	1.00	
Transmission Owners	Consolidated Edison	Trish Douglas		y	1.00	
Transmission Owners	Niagara Mohawk Power Company	Martin Amati		y	1.00	
Transmission Owners	NY State Electric Gas (NYSEG)	Hank Masti		y	1.00	
Transmission Owners	Orange & Rockland, Inc.		y			
Transmission Owners	Rochester Gas & Electric	Laure King-Pirchner		y	1.00	
Non-voting	New Member	John Dowling		y		
Non-voting	New Member					

# New York Independent System Operator

## Management Committee - August 17, 2001

Motion: [Motion #2](#)

Result: Motion Failed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against
Generation Owners	21.5	✓	✓	21.50	3.00	3.00	0	10.75	10.75
Other Suppliers	21.5	✓	✓	21.50	5.00	2.00	1	15.36	6.14
Transmission Owners	20.0	✓	✓	20.00	0.00	5.00	0	0.00	20.00
End Use Consumers			✓						
Large Consumers	9.0	✓		9.00	0.00	5.00	0	0.00	9.00
Large Cons. Gov. Agency	2.0	✓		2.00	0.00	1.00	0	0.00	2.00
Small Consumers	4.5	✓		4.50	0.00	10.00	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			x						
State Power Authorities	8	✓		8.00	0.00	2.00	0	0.00	8.00
Munis and Coops	7	✓		1.00	0.00	1.00	0	0.00	1.00
Environmental	2	✓		0.00	0.00	0.00	0	0.00	0.00
			4	92.00	8.00	32.00	1	26.11	65.89
				92.00	Normalized to 100% :			28.38	71.62

**New York Independent System Operator  
Management Committee - August 17, 2001**

**Motion  
Motion #2**

Sector	Organization	Representative	Affiliate	Present	For	Against
End Use - Gov. Agency/Aggr.	NYS Energy Research & Develop. Auth.	Tariq Nazi		y		1.00
End Use - Gov. Agency/Aggr.	The City of New York	Jay Kooper		y		1.00
End Use - Large Consumers	Alcoa/Reynolds Metals Company	Michael Mager		y		1.00
End Use - Large Consumers	Amerada Hess Corporation					
End Use - Large Consumers	ATCO Management Co.					
End Use - Large Consumers	IBM Corporation	Michael Mager		y		1.00
End Use - Large Consumers	Occidental Chemical Corp.	Michael Mager		y		1.00
End Use - Large Consumers	Praxair Inc.	Michael Mager		y		1.00
End Use - Large Consumers	Xerox Corporation	Michael Mager		y		1.00
End Use - Large Cons. Gov.	Metropolitan Transportation Authority	Jesse Samberg		y		1.00
End Use - Small Consumers	Aaron Breidenbaugh					
End Use - Small Consumers	Association for Energy Affordability, Inc.	David Hepinstall		y		1.00
End Use - Small Consumers	Beth Israel Health Care System	John Dowling		y		1.00
End Use - Small Consumers	Building and Realty Institute	John Dowling		y		1.00
End Use - Small Consumers	Caithness Energy, L.L.C.					
End Use - Small Consumers	Citizens Advisory Panel					
End Use - Small Consumers	CNYC Inc. (Council of NY Coop & Condo)	John Dowling		y		1.00
End Use - Small Consumers	Columbia University	John Dowling		y		1.00
End Use - Small Consumers	Hudson River Energy Group					
End Use - Small Consumers	Mount Sinai Medical Center	John Dowling		y		1.00
End Use - Small Consumers	New York Energy Buyers Forum	John Dowling		y		1.00
End Use - Small Consumers	New York Presbyterian Hospital	John Dowling		y		1.00
End Use - Small Consumers	New York University	John Dowling		y		1.00
End Use - Small Consumers	Refined Sugars, Inc.	John Dowling		y		1.00
End Use - Small Consumers	William P. Short					
End Use - State Agency	NY State Consumer Protection Board	Tariq Nazi		y		1.00
Generation Owners	AES NY					
Generation Owners	American National Power, Inc.					
Generation Owners	Calpine					
Generation Owners	CH Resources		y			
Generation Owners	East Coast Power		y			
Generation Owners	Edison Mission Marketing & Trading	William Roberts		y	1.00	
Generation Owners	Energy Nuclear Northeast					
Generation Owners	Indeck Energy Services					
Generation Owners	KeySpan Ravenswood, Inc	Dick Ackerson		y		1.00
Generation Owners	Mirant New York, Inc.	Joe Holtman		y		1.00
Generation Owners	NRG Energy	Frank Rapley		y	1.00	
Generation Owners	Orion Power New York	Janet Audinson		y	1.00	
Generation Owners	PG&E Generating					
Generation Owners	PSEG Energy Resources & Trade	James Hebson		y		1.00
Generation Owners	Sithe Energies, Inc.	Garry Brown		y		
Generation Owners	TransCanada Power Marketing					
Non-voting	NYS Department of Public Service		y			
Other Suppliers	1st Rochdale Cooperative NYC					
Other Suppliers	Advantage Energy, Inc.					
Other Suppliers	American Electric Power (AEP)					
Other Suppliers	Aquila Energy Marketing Corp.	Peter Brown		y	1.00	
Other Suppliers	Automated Power Exchange (APX)					
Other Suppliers	Cinergy Capital and Trading		y			
Other Suppliers	Cinergy Services					
Other Suppliers	Con Edison Energy		y			
Other Suppliers	Con Edison Solutions	Stephen Wemple		y		
Other Suppliers	Conectiv					
Other Suppliers	Constellation Power Source	Harvey Reed		y	1.00	
Other Suppliers	Duke Energy North America, LLC					
Other Suppliers	Dynegy					
Other Suppliers	El Paso Merchant Energy					
Other Suppliers	Energetix, Inc.		y			
Other Suppliers	Enron Power Marketing Inc.					
Other Suppliers	Exelon Generation - Power Team	Garry Brown		y	1.00	
Other Suppliers	FPL Energy					
Other Suppliers	HQ Energy Services					
Other Suppliers	KeySpan Energy Services		y			
Other Suppliers	MEGA (Merchant Energy Group of the Americas)					
Other Suppliers	Morgan Stanley Capital Group	Mindy Sauter		y	1.00	
Other Suppliers	New Energy Inc.		y			
Other Suppliers	Niagara Mohawk Energy Marketing		y			
Other Suppliers	NU / Select Energy	Garry Brown		y		
Other Suppliers	Ontario Power Generation Inc.					
Other Suppliers	PP&L Energy Plus	Alan Babp		y	1.00	
Other Suppliers	PSEG Energy Technologies Inc.					
Other Suppliers	Sempra Energy Trading	Russel Like		y	1.00	
Other Suppliers	Strategic Energy LLC					
Other Suppliers	Strategic Power Management, Inc.	Dan Duthie		y	1.00	
Other Suppliers	TransEnergie U.S. Ltd.		y			
Other Suppliers	Williams Energy Marketing & Trading Co.					
Public Power - Authorities	Long Island Power Authority	Kevin Jones		y	1.00	
Public Power - Authorities	New York Power Authority	Robert Hiney		y	1.00	
Public Power - Environmental	American Wind Energy Association					
Public Power - Environmental	Environmental Advocates					
Public Power - Environmental	Natl Resources Defense Council					
Public Power - Environmental	Pace University					
Public Power - Environmental	Scenic Hudson					
Public Power - Munis & Co-ops	Bath Electric, Gas & Water Systems					
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.					
Public Power - Munis & Co-ops	Village of Fairport					
Public Power - Munis & Co-ops	Village of Freeport					
Public Power - Munis & Co-ops	Village of Rockville Centre					
Public Power - Munis & Co-ops	Village of Westfield					
Transmission Owners	Central Hudson Gas & Electric	Tom Canino		y	1.00	
Transmission Owners	Consolidated Edison	Trish Douglas		y	1.00	
Transmission Owners	Niagara Mohawk Power Company	Martin Amati		y	1.00	
Transmission Owners	NY State Electric Gas (NYSEG)	Hank Masti		y	1.00	
Transmission Owners	Orange & Rockland, Inc.		y			
Transmission Owners	Rochester Gas & Electric	Laure King-Pirchner		y	1.00	
Non-voting	New Member	John Dowling		y		
Non-voting	New Member					