

# NYISO Management Committee Meeting Minutes

February 21, 2007

Consolidated Edison, NYC

10:00 a.m. to

DRAFT Minutes of the Meeting

## 1. Introductions, Meeting Objectives, and Chairman's Report

Mr. Matt Picardi (Coral Power), Chairman, called the meeting to order at 10 a.m. and welcomed the members of the Management Committee. He noted that there were five items on the agenda to be acted on at this meeting. Mr. Picardi then asked that the members both in the room and on the telephone identify themselves.

## 2. Approval of Minutes

Mr. Ray Stalter of the NYISO presented the proposed MC minutes for the January 23, 2007 meeting. He noted that no comments on the minutes had been received prior to the meeting, and asked for any comments from members. No comments or questions were raised, and a motion for approval was made and seconded.

### Motion #1:

Motion to approve the Minutes of the January 23, 2007 Management Committee meeting.

***Motion approved unanimously by show of hands.***

## 3. President's Report

Mr. Mark Lynch, President and CEO of the NYISO, discussed the monthly report, starting with Price Correction Statistics. He noted that in January there were 19 hours corrected, with the expectation that more improvement will be gained for this metric with the implementation of the Transmission Demand Curve before the summer of 2007. He added that the NYISO's Rick Gonzales and his team are continuing to look at the root causes of the need for price corrections.

Mr. Lynch's next topic was the ERO (Electric Reliability Organization) billings. He noted that the first quarter of the billing was completed, and that everything is in place to move forward in a routine manner, with the next payment to the NERC due April 1, 2007.

Mr. Lynch reminded members that the return to Daylight Saving Time will occur earlier this year, and assured members that the NYISO is working to make the transition a non-event. He encouraged all Market Participants to test their systems in preparation for the change-over.

Concluding with the Market Performance Highlights, Mr. Lynch discussed the higher LBMPs for January 2007 v. December 2006. These were driven largely by higher natural gas prices and by higher loads as well.

## 4. Proposed Tariff Revisions re: HQ Netting

Mr. Peter Lemme presented proposed changes for managing transactions at the HQ-Chateaugay interface. Mr. Lemme noted that there are issues related to managing the simultaneous constraints of the 1500-1800 MW transfer limit to NY or the 1000 MW transfer limit to HQ and 1200 MW to NYISO delivery limits. An associated issue is that a single price cannot reflect the cost of both constraints.

The solution arrived at is to establish a second HQ proxy bus to individually manage import/export and total transfer limitations, and to accurately capture the impact of constraints on prices. Mr. Lemme continued with the details associated with this change- e.g., establishing a second proxy bus at Chateaugay, transaction bid validation rules, ramp limits, expanded OASIS postings, and the tariff filings required to add a second proxy. Mr. Lemme added that there will be no scheduling software modifications required. Mr. Lemme also stated that the NYISO Market Monitoring Department has reviewed the proposal, and found that it does not present any new gaming or market power concerns with respect to the HQ proxy busses. The tariff changes required largely center around revising

singular expressions to the plural version to reflect the relationship of multiple proxy busses to a single interface, and clarifications on how the Non-Competitive Proxy Bus Pricing rule will address the multiple proxys. Depending on FERC approval, the target for deployment of this enhancement is May/June 2007, with a NYISO Technical Bulletin to be posted in advance of the deployment.

In response to a question from Mr. Michele Prevost of HQ concerning the status of the project Mr. Lemme noted that efforts to establish the interface ramp levels is still underway, the bid validation software is complete and in the testing phase, and the EMS modeling is underway, with no issues expected for the latter.

The motion was put up for approval:

**Motion 2:**

The Management Committee (MC) hereby approves Revisions to the NYISO's Market Services Tariff and OATT that are necessary to implement a second Proxy Generator Bus at the NY – HQ Interface at Chateauguay in a manner consistent with the information and descriptions provided to the Market Issues Working Group on January 22, 2006, as approved by the Business Issues Committee on February 7, 2006, and as presented to the MC on February 21, 2007.

Adding a second Proxy Generator Bus at Chateauguay will permit NYISO to optimize the potential combination of Import/Export and Wheel-through transactions up to the full capacity of the Interface. More generically, the ability to implement multiple Proxy Generator Buses representing a single interface will enable the NYISO to distinguish the bidding, treatment, and pricing of products and services available at a particular Interface.

***Motion approved unanimously by show of hands with abstentions.***

After the vote, Mr. Tim Bush of Navigant opined that what was approved is a good enhancement for the system, but expressed concern that flows above the 1200 MW limit will be going elsewhere (i.e. outside the NY Control Area), and asked that these Minutes reflect his preference that NYISO begin to investigate procedures to allow HQ imports to increase above the 1200 MW limits so that NY customers can take advantage of that energy.

**5. Proposed Revisions to the ICAP Credit Policy**

Ms. Kyla Douglas of the NYISO presented the proposed policy changes. Reviewing the current rules, Ms. Douglas noted that a default occurred in the summer of 2006 from a generator in the ICAP market that was not operational. Ms. Douglas continued with a review of current credit rules, suppliers and bilateral contracts, ICAP certification and auction rules/timelines. Ms. Douglas showed that under current ICAP rules, the NYISO can be exposed to two months of financial exposure even when the NYISO has recognized the risk during the first month.

The proposed solution would allow the NYISO Credit Department to temporarily suspend a generator, supplier, or marketer who has not satisfied a demand for collateral, thereby limiting the NYISO's exposure to one month of ICAP spot market auction purchases by a deficient supplier. Ms. Douglas summarized by noting that the proposed solution does not require any adjustment to the ICAP action timeline, is readily administrable by the NYISO Credit Department, and does not impose additional credit hurdles on ICAP suppliers.

The associated motion was put up for a vote.

**Motion 3:**

The Management Committee (MC) hereby recommends that the NYISO Board of Directors authorize the NYISO to file with the Federal Energy Regulatory Commission (the "Commission") pursuant to Section 205 of the Federal Power Act amendments to the NYISO's Market Administration and Control Services Tariff and Open Access Transmission Tariff to enable the NYISO to suspend a customer's ICAP transaction privileges if the customer has an unsatisfied payment or credit obligation following an ICAP Spot Market Auction, as presented to the MC on February 21, 2007. The NYISO shall prepare tariff revisions accordingly and have such revisions reviewed and approved by the Chairs and Vice Chairs of the Operating, Business Issues and Management Committees prior to filing with the Commission.

***Motion approved unanimously by show of hands with abstentions.***

## **6. Proposed Revisions to the Virtual Transaction Credit Policy**

Ms. Douglas next discussed a proposal to improve credit requirements in the Virtual Transactions market. This proposal has been discussed at the Working Group and Committee levels since October 2006.

Ms. Douglas showed how current credit requirements are calculated using the daily trading limit in MWhs and the DAM vs. RT Price Delta. i.e.;  $(\text{Daily Trading Limit MWhs}) \times (\text{Price Delta per MWh}) \times (\text{Factor of 2})$ . The price delta is now determined based on the difference between the DAM and RT energy prices over the previous 90 days at the 97<sup>th</sup> percentile.

The areas identified for improvement include the fact that Virtual Traders can incur market losses that exceed their collateral. When Traders are thinly capitalized, this presents additional risk for the NYISO. This became evident with the losses a thinly capitalized VT suffered in May, 2006. Also, the time period to suspend bidding privileges has created additional risk exposure, and the 90-day rolling calculation of the price differential creates a lag with respect to seasonal changes in the DAM vs. RT price deltas.

The new proposal presented by Ms. Douglas would replace the 90-day rolling calculation with a seasonally adjusted calculation based on the higher of the maximum price differential (delta) calculated at the 97th percentile from the two prior year equivalent periods. Also, the price deltas would be calculated separately for each of the 11 virtual trading zones. A MP's overall collateral requirement will be based on the highest price differential in any zone in which the MP has elected to trade. Also, Ms. Douglas detailed the trading suspension timeframes for customers that have eroded their credit support, which would be shortened, especially during weekends. Ms. Douglas next presented charts which showed the impact of the proposed changes on price deltas.

In response to a question from Mr. Stuart Nachmias of Con Ed, Ms. Douglas responded that these changes would have precluded the NYISO from sustaining the May, 2006 losses if they were in effect at that time.

Mr. William Roberts of Edison Mission Marketing and Trading asked Ms. Douglas to outline the areas in Credit for future automation; Ms. Douglas responded that a Value-at-Risk trading strategy monitoring system has been discussed with MP's and is being evaluated by the NYISO. Such a system would incorporate zones traded, time-of-day, time-of-year, and whether the bids are virtual supply or virtual load. The rules for this system would be developed with MPs. A discussion followed on how MPs could hasten development of this system, i.e., attending BPWG (Budget Priorities Working Group) meetings.

Mr. Nachmias asked that the minutes reflect his view that the NYISO should continue on enhancements to protect MPs from unexpected price volatility. He also commended the NYISO and Ms. Douglas specifically for the work done to analyze the data and address the problem of associated credit risk.

Mr. Howard Fromer of PSEG asked that the NYISO take care to inform MPs well in advance of implementation of the changes proposed in this motion. Ms. Douglas responded that the NYISO Board of Directors is to vote on these revisions in March, and that her department is working on preparations for deployment, though she did not want to presume the outcome of the Board's vote. As for the FERC filing, the NYISO expects to pursue an expedited ruling to get the new rules in place in early May according to Mr. Rob Fernandez of the NYISO.

There followed a discussion about distribution of the tariff revision language to the MC Members; this was reflected in a friendly amendment to Motion 4.

### **Motion 4:**

The Management Committee (MC) hereby recommends that the NYISO Board of Directors authorize the NYISO to file with the Federal Energy Regulatory Commission (the "Commission") pursuant to

Section 205 of the Federal Power Act amendments to the Virtual Transactions credit requirements in Attachment K of the NYISO's Market Administration and Control Services Tariff and Attachment W of the NYISO's Open Access Transmission Tariff as presented to the MC on February 21, 2007. The NYISO shall prepare tariff revisions accordingly and have such revisions distributed to the MC Members and reviewed and approved by the Chairs and Vice Chairs of the Operating, Business Issues and Management Committees prior to filing with the Commission.

***Motion approved unanimously by show of hands with abstentions.***

## **7. Settlement System Replacement 205 Filing**

Mr. Randy Bowers of the NYISO discussed the 8 items contained within the next motion. Using presentation materials distributed to the meeting participants, he first discussed item (i.), OATT Rate Schedule 1 (NYISO cost of operations and FERC fees) and the definition of "injection billing units" to include wheelthrough injections as injection billing units, and wheelthrough withdrawals as withdrawal billing units.

Mr. Bowers moved in to item (ii), as noted in the motion, which corrects an erroneous cross-reference related to Capacity Limited Resources. Item (iii) is intended to clarify the formula for making lost opportunity cost payments to suppliers of voltage support. Item (iv.) clarifies the settlement of bilateral transactions with regard to language associated with fulfillment of a bilateral commitment. Item (v.) addresses the calculation of certain Bid Production Cost Guarantee payments; item (vi.) is intended to clarify the NYISO's collection of NTAC from all LSE's.; and finally, item (vii.) revises the method for allocating Black Start costs.

Mr. Fromer asked if the DAMAP proposal (noted in the agenda as motion 7b) was removed from today's vote. Mr. Bowers answered in the affirmative. A short discussion followed regarding the DAMAP item, wherein Mr. Stalter said the intent was to add this issue to the MIWG the following Monday, at a minimum.

A lengthy discussion ensued regarding both the history and the validity of charging wheelthroughs the full unit cost (as opposed to the load portion unit costs only) of RS 1 going forward. Mr. Jerry Ancona of National Grid opined that Tariff drafting errors were being used as opportunities for the committee to reverse decisions already agreed upon.

In response to MC members' concerns, Mr. Fernandez noted that there are two corrections being discussed; 1) the correction and refund of what was authorized by the MC and the Board and which was implemented improperly and resulted in the overcharging of wheelthroughs some \$150,000 over the open billing months (starting with March 2005) and also a waiver from FERC for the overcharges during the closed billing periods; and 2) (re the motion on the screen) authorizing collection of charges for both injections and withdrawals for wheelthroughs which would be the first time this has been authorized by the MC as a matter of law.

Mr. Prevost opined that insufficient analysis has been done to justify the assignment of the full unit cost of RS 1 with regard to how much of RS 1 services wheelthroughs have been using.

In response to Mr. Ancona's assertion that the associated presentation conflicted with the Motion and also that rules were being changed in response to and in conformance with an error in the Tariff, Mr. Fernandez stated for the minutes that the presentation "Correction of 'Injection Billing Unit' Definition in Rate Schedule 1" is not in support of this motion; it is an explanation of a separate corrective filing to file corrected tariff sheets in order to reflect in the tariff what was originally authorized by the MC and the Board.

Mr. Ancona asked that item (i) regarding the definition of "injection billing units" be struck from the original Motion. The amendment was considered unfriendly. Mr. Prevost seconded the amendment, and a roll call vote was taken for this new motion, which failed to pass:

**Motion 5a:**

The Management Committee approves changes to the NYISO's Market Administration and Control Area Services Tariff and its Open Access Transmission Tariff as presented to the BIC on February 7, 2007, and to the Management Committee on February 21.

These amendments:

~~(i) amend the definition of "injection billing units" in Schedule 1 of the OATT and Rate Schedule 1 of the Services Tariff to include wheelthrough injections as injection billing units; and further to amend the definition of withdrawal billing units in Schedule 1 of the OATT and Schedule 1 of the Services Tariff to include wheelthrough withdrawals as withdrawal billing units~~ (ii) correct an erroneous cross-reference related to Capacity Limited Resources; (iii) clarify the formula for making lost opportunity cost payments to suppliers of voltage support; (iv) clarify the settlement of bilateral transactions; (v) correct the formula for allocating certain Bid Production Cost guarantee payments; (vi) clarify the calculation of certain Bid Production Cost guarantee payments; (vii) clarify the NYISO's collection of NTAC from all LSEs; and (viii) revise the method for allocating black start costs.

***Motion failed with 19.65% affirmative votes.***

After more discussion, Mr. Prevost suggested that the MC consider item (1), addressing wheels-through charges, separate from the main motion. This amendment was accepted as friendly, and the MC then revised the main motion to strike the wheels-through language. The main motion was then considered:

### **Motion 5:**

The Management Committee approves changes to the NYISO's Market Administration and Control Area Services Tariff and its Open Access Transmission Tariff as presented to the BIC on February 7, 2007, and to the Management Committee on February 21.

These amendments:

(i) correct an erroneous cross-reference related to Capacity Limited Resources; (ii) clarify the formula for making lost opportunity cost payments to suppliers of voltage support; (iii) clarify the settlement of bilateral transactions; (iv) correct the formula for allocating certain Bid Production Cost guarantee payments; (v) clarify the calculation of certain Bid Production Cost guarantee payments; (vi) clarify the NYISO's collection of NTAC from all LSEs; and (vii) revise the method for allocating black start costs.

***Motion approved unanimously by show of hands.***

The MC then considered the wheels-through proposal. Mr. Prevost said he felt that more analysis was needed, and that members should vote against (i). Ms. Doreen Saia of Mirant and Mr. Fromer noted disagreement with Mr. Prevost.

A roll call vote was held:

### **Motion 5b:**

The Management Committee approves changes to the NYISO's Market Administration and Control Area Services Tariff and its Open Access Transmission Tariff as presented to the BIC on February 7, 2007, and to the Management Committee on February 21 to amend the definition of "injection billing units" in Schedule 1 of the OATT and Rate Schedule 1 of the Services Tariff to include wheelthrough injections as injection billing units; and further to clarify the definition of withdrawal billing units in Schedule 1 of the OATT and Schedule 1 of the Services Tariff to include wheelthrough withdrawals as withdrawal billing units.

***Motion passed with 83.86% affirmative votes.***

## **8. New Business**

Mr. Neal Butterklee of Con Edison reminded members that the Bylaws Subcommittee will have a conference call on March 5, and encouraged members to call in.

Mr. Glenn Haake of IPPNY asked Mr. Fernandez about the imminent expiration of the FERC 60-day review period for the In-City ICAP Mitigation filing and whether the NYISO had heard from FERC. Mr. Fernandez responded that he had not heard yet, but would let members know when he did.

Mr. Nachmias noted that the FERC Order 890 came out recently, and wondered if the NYISO had plans to discuss potential compliance filings with MPs. Mr. John Buechler of the NYISO replied that it is the intent of the NYISO to meet with MPs on the Order.

## **9. Adjourn**

Meeting adjourned at 12:30 p.m.

Respectfully Submitted,  
Bill Porter  
Recording MC Secretary

# New York Independent System Operator - Committee Membership

## Management Committee - Attendance February 21, 2007 - Albany, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
NYS Energy Research & Develop. Auth.	End Use - Gov. Agency/Aggr.	Paul DeCotis	Karl Michael	✓ David Coup	Erin Hogan	Christopher Hall			
The City of New York	End Use - Gov. Agency/Aggr.	Michael Delaney	Gil Quiniones	Thomas Simpson	Jonathan Wallach	Craig Wilson			
Alcoa/Reynolds Metals Company	End Use - Large Consumer	✓ Robert Loughney	Michael Mager	Cara Lewis					
Atco Properties & Management Inc.	End Use - Large Consumer	✓ David Bomke	George Diamantopoulos						
IBM Corporation	End Use - Large Consumer	✓ Robert Loughney	Michael Mager	Cara Lewis					
Occidental Chemical Corp.	End Use - Large Consumer	✓ Robert Loughney	Michael Mager	Cara Lewis					
Praxair Inc.	End Use - Large Consumer	✓ Robert Loughney	Michael Mager	Cara Lewis					
Wegmans Food Markets	End Use - Large Consumer	✓ Robert Loughney	Michael Mager	Cara Lewis					
Metropolitan Transportation Authority	End Use - Large Cons. Gov.	Jesse Samberg	Gary Caplan	Walter McCarroll					
American Sugar Refining, Inc.	End Use - Small Consumer	John Gebhard	Quintin George	Catherine Luthin	✓ John Dowling	Jennifer Kearney			
Association for Energy Affordability, Inc.	End Use - Small Consumer	David Hepinstall	Larry DeWitt						
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	Judith Mondre	Ted Lee	✓ 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 Presbyterian Hospital	End Use - Small Consumer	Catherine Luthin	John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner		✓ David Bomke	
New York University	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner			
NY State Consumer Protection Board	End Use - State Agency	✓ Tariq Niazi	Doug Elfner						
AES NY	Generation Owners	Christopher Wentlent	Rick Santoroski	Charles Sjoberg	Dave Evanoski				
Astoria Energy LLC	Generation Owners	Joseph Swift	Leonard Singer	Chuck McCall					
Calpine	Generation Owners	Brett Kruse	Kris Zadlo	Brent Hebert					
East Coast Power Linden Holding LLC	Generation Owners	Thomas Hoatson	Robert Licato	Kathy Benini					
Edison Mission Marketing & Trading	Generation Owners	✓ William Roberts	Jeffrey Ellis	✓ Peter Brown	Rich Mooney				
Entergy Nuclear Northeast	Generation Owners	Marc Potkin	Angelo Vai	✓ Ron Mackowiak					
Horizon Wind Energy	Generation Owners	Anntonette Alberti	Patrick Doyle	P.J. Saliterman	Charlie Turlinski	Scott Alexander	Greg Kemmis		
Indeck Energy Services	Generation Owners	Mike Ferguson	John Schrage	✓ Mark Younger					
KeySpan Ravenswood, LLC	Generation Owners	Jim Brennan	Rich Hohliman	Joe Vignola	Jim D'Andrea	✓ Madison Milhous	Rich Rapp		
Mirant New York, Inc.	Generation Owners	Philip Smith	✓ Doreen Saia						
New Athens Generating Co.	Generation Owners	Jack Breen	Chris Bursaw	Dan DeVinney	✓ Rich Felak				
Noble Environmental Power LLC	Generation Owners	Thomas Swank	Liz Grisaru						
Selkirk Cogen Partners, L.P.	Generation Owners	Tim Biittig	Steve Kamppila						
TransCanada Power Marketing	Generation Owners	William Taylor	Elaine Beaudry						
AB Energy Inc.	Other Suppliers	Andrew Bachert							
Advantage Energy, Inc.	Other Suppliers	Mark Hess							
Amerada Hess Corporation	Other Suppliers	Hemant Jain	Kevin Laguardia	Blas Hernandez	George Braulke				
Brookfield Energy Marketing Inc.	Other Suppliers	✓ Robert Ricketts	Daniel Whyte						
Cinergy Capital and Trading	Other Suppliers	John Deeds	Walt Yeager						
Con Edison Solutions	Other Suppliers	Ken Bekman	Stephen Wemple						
Conectiv	Other Suppliers	Robert Steele	Tony Gabrieli	Gloria Ogenyi					
Constellation Energy Commodities, Inc.	Other Suppliers	✓ Glen McCartney	Dan Allegretti	Tim Daniels					
Constellation New Energy Inc.	Other Suppliers	Michael Constantine							
Consumer Powerline	Other Suppliers	Vinay Gupta	Mike Gordon	Ray Stirbys	Chau Shen				
Coral Power, LLC	Other Suppliers	✓ Matt Picardi	Marc Overdyk	Dave French					
Cross Sound Cable Co.	Other Suppliers	John Miller	Brian Reinhart	Bradley Railing	✓ Jose Rotger				
DC Energy	Other Suppliers	Bruce Bleiweis	Dean Wilde	Andrew Stevens	Sadao Milberg	Chris Carpenter	Matthew Tate	✓ Glenn Haake	
Dynergy	Other Suppliers	✓ Barry Huddleston	Jason Cox	Kevin White					
ECONergy	Other Suppliers	Saul Horowitz	Tom Halleran						
Energy Curtailment Specialists, Inc	Other Suppliers	Glen Smith	Stephen Lynch	Marie Pieniazek	Robert Boyle				
Energy Spectrum	Other Suppliers	Gary David	Henry Hartstein	Aron Iskowitz	Ruben Brown	Arthur Pearson			
EnerNoc	Other Suppliers	David Brewster	Aaron Breidenbaugh						
Epic Merchant Energy NY, LP	Other Suppliers	Michael Kinsey	Robert Erbrick	Pierre Tournois	✓ Erik Abend	Gordon Scott	Wesley Anderson		
Exelon Generating Co. LLC	Other Suppliers	Denise Foster	Jack Crowley						
Fortistar/Lockport Energy Associates, L.P.	Other Suppliers	Roger Kelley	✓ Mark Younger	Tom Gesicki	✓ Glenn Haake				
FPL Energy	Other Suppliers	✓ David Applebaum	Fernando DaSilva	Ron Scheirer					
Galt Power	Other Suppliers	✓ Rick Mancini	Stephen Fernands						
HQ Energy Services	Other Suppliers	✓ Michel Prevost	✓ Paul Norris	Erik Bellavance					
KeySpan Energy Services	Other Suppliers	Terrence Kain	Jim D'Andrea	Edwin Kichline	James Cross	John Vaughn			
Morgan Stanley Capital Group	Other Suppliers	Patrick Murray	Karen Kochonies	Levon Kazarian	Doron Ezickson	Nikolai Markarian			
NRG Power Marketing	Other Suppliers	Jim Mayhew	Lee Davis						
Ontario Power Generation Inc.	Other Suppliers	Barry Green	✓ Dave Barr	Ken Lacivita	Scott McArthur	David Barr	✓ Glenn Haake		
PPM Energy	Other Suppliers	Thresa Allen	T.H. Rawls	Tom Shields					

# New York Independent System Operator - Committee Membership

## Management Committee - Attendance February 21, 2007 - Albany, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
PP&L Energy Plus	Other Suppliers	Tom Hyzinski	✓ Joseph Langan	Sharon Weber					
PSEG Energy Resources & Trade	Other Suppliers	✓ Howard Fromer	Michael LaFalce						
Sempra Energy Trading	Other Suppliers	Dan Staines	Maria Agovino	Scott Englander	Barry Trayers				
SESCO Enterprises, LLC	Other Suppliers	Mike Schubiger	Jim Thoresen						
Strategic Energy LLC	Other Suppliers	Jason Barker	Jeff Knox	Pamela Melton					
TransEnergie U.S. Ltd.	Other Suppliers	Raymond Cox	Michael Jacobs						
U.S. Power Generating Co.	Other Suppliers	✓ Liam Baker	Mark Sudbey					Doreen Saia	
Williams Power Company	Other Suppliers	David Singer	Mark Lassman	Robert O'Connell					
Long Island Power Authority	Public Power - Authorities	✓ Kevin Jones	Jim Wittine	Dave Clarke					
New York Power Authority	Public Power - Authorities	✓ William Palazzo	Robert Gow	Kim Byham					
American Wind Energy Association	Public Power - Environmental	Valerie Strauss	Larry DeWitt	Douglas Ward	Mike Jacobs	Carol Murphy			
Environmental Advocates	Public Power - Environmental	Anne Reynolds	Larry DeWitt						
Natl Resources Defense Council	Public Power - Environmental	Dale Bryk	Larry DeWitt						
Pace University	Public Power - Environmental	Edward Smeloff	Larry DeWitt						
Scenic Hudson	Public Power - Environmental	Larry DeWitt							
Bath Electric, Gas & Water Systems	Public Power - Munis & Co-ops	Matthew Benesh	✓ Tim Bush	Jim Hamilton	Ken Moore	Jack Brown			
City of Jamestown Board of Pub. Util.	Public Power - Munis & Co-ops	David Gustafson	Wally Haase	John Oelbracht	Steven Kulig	✓ Tom Rudebusch			
Lake Placid Village	Public Power - Munis & Co-ops	Peter Kroha	✓ Tim Bush						
Municipal Commission of Boonville	Public Power - Munis & Co-ops	Kenneth Stabb	✓ Tim Bush						
Plattsburgh Municipal Lighting Dept.	Public Power - Munis & Co-ops	Jack Brown	✓ Tim Bush						
Village of Arcade	Public Power - Munis & Co-ops	Larry Kilburn	✓ Tim Bush						
Village of Fairport	Public Power - Munis & Co-ops	Ken Moore	✓ Tim Bush						
Village of Freeport	Public Power - Munis & Co-ops	Hubert Bianco	✓ Anthony Fiore	Paul Pallas					
Village of Rockville Centre	Public Power - Munis & Co-ops	Paul Pallas	✓ Jim Hamilton	✓ Tom Rudebusch					
Village of Solway	Public Power - Munis & Co-ops	Anthony Modafferi	✓ Tim Bush	Jim Hamilton	Jack Brown	Ken Moore		Tom Rudebusch	
Village of Westfield	Public Power - Munis & Co-ops	Jim Hamilton	✓ Tim Bush						
Central Hudson Gas & Electric	Transmission Owners	Charles Freni	✓ John Watzka						
Consolidated Edison	Transmission Owners	✓ Stuart Nachmias	✓ Neil Butterklee	Deidre Facendola					
National Grid	Transmission Owners	✓ Jerry Ancona	Wes Yeomans	Janet Gail Besser	Herb Schrayshuen	Bart Franey	Terron Hill		✓ M Sasson, P Gioia
NY State Electric Gas (NYSEG)	Transmission Owners	Ray Kinney	✓ Patti Caletka	Hank Masti	Cliff Olson	Denis Wickham			
Orange & Rockland, Inc.	Transmission Owners	None Assigned							
Rochester Gas & Electric	Transmission Owners	Ray Kinney	✓ Patti Caletka	Hank Masti	Cliff Olson	Denis Wickham			
Ace Energy Company, Inc	Non-voting	Marie Pieniasek	Stephen Lynch						
ACENY	Non-voting	Carol Murphy	Valerie Strauss						
Boundless Energy, L.L.C	Non-voting	John Tompkins	Brian Chernack	Chuck Gilbert					
Caithness Energy, L.L.C	Non-voting	Ross Ain	Gary Keevill	Mitchell Garber					
Customized Energy Solutions	Non-voting	✓ Rick Mancini	Stephen Fernands	Bill Schofield					
Ecogen, L.L.C	Non-voting	Tom Hagner							
Energetix, Inc.	Non-voting	Barney Farnsworth							
Fluent Energy	Non-voting	Michael Mastroianni	David Koplas	Margie Miller					
Hudson River Energy Group	Non-voting	Frank Radigan	Richard Canfield						
Hydro-Quebec TransEnergie	Non-voting	Glenn Sylvain							
NU / Select Energy	Non-voting	Gunnar Jorgensen	Chris Dubay						
NYS Department of Public Service	Non-voting	Penny Rubin	✓ Rajendra Addepalli						
Stealth Energy	Non-voting	Gad Cohen							
The Structure Group	Non-voting	Bob Furry	Ishita Roy	Kevin Dunlap					
Tom Halleran	Non-voting	Tom Halleran							
US Direct Energy Inc.	Non-voting	Marie Pieniasek	Stephen Lynch						
William P. Short	Non-voting	William Short	Marc Schaefer	Joe DeVito	John Brodbeck	Ron Matlock	Paul Savage	Roberto Denis	
zNew Member	Non-voting								
zNew Member	Non-voting								
zNew Member	Non-voting	None Assigned							
zNew Member	Non-voting								
zNew Member	Non-voting	None Assigned							

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

- ✓ Ira Frellicher                      Hunton & Williams
- ✓ Mollie Lampi                        NYISO
- ✓ Charles Garber                      NYISO
- ✓ Rob Fernandez                      NYISO
- ✓ Mark Lynch                            NYISO



# New York Independent System Operator - Committee Membership

## Management Committee - Attendance February 21, 2007 - Albany, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
✓ John Buechler	NYISO								
✓ Randy Bowers	NYISO								
✓ Frank Francis	NYISO								
✓ Rana Mukerji	NYISO								
✓ Janet Joyce	NYISO								
✓ William Porter	NYISO								
✓ Leigh Bullock	NYISO								
✓ Ray Stalter	NYISO								
✓ Debbie Eckels	NYISO								
✓ Pete Lemme	NYISO								
✓ Rick Gonzales	NYISO								
✓ Mike Calimano	NYISO								
✓ Charles Garber	NYISO								
✓ Kyla Douglas	NYISO								
✓ Rogr Kirkpatrick	NYISO								
✓ Robb Pike	NYISO								

**Key:**

✓ = In attendance

**New York Independent System Operator  
Management Committee - February 21, 2007**

Motion: Motion #

Result: Motion Failed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against	
Generation Owners	21.5	✓	✓	21.50	0.00	4.00	2	0.00	21.50	
Other Suppliers	21.5	✓	✓	21.50	3.00	5.00	6	8.06	13.44	
Transmission Owners	20.0	✓	✓	20.00	2.00	2.00	0	10.00	10.00	
End Use Consumer			✓							
Large Consumer	9.0	✓		9.00	0.00	1.00	5	0.00	13.33	
Large Cons. Gov. Agency	2.0	✓		2.00	0.00	0.00	0	0.00	0.00	
Small Consumer	4.5	✓	✓	4.50	0.00	5.00	1	0.00	6.67	
Gov. State-wide Cons. Advocate	2.7	✓		2.70	0.00	0.00	1	0.00	0.00	
Gov. Sm. Cons. & Retail Aggr.	1.8	✓		1.80	0.00	0.00	1	0.00	0.00	
Public Power			✓							
State Power Authorities	8	✓		9.07	0.00	2.00	0	0.00	9.07	
Munis and Coops	7	✓		7.93	2.00	8.00	0	1.59	6.35	
Environmental	2	✓		0.00	0.00	0.00	0	0.00	0.00	
				5	100.00	7.00	27.00	16	19.65	80.35
					100.00	Normalized to 100% :		19.65	80.35	

**New York Independent System Operator  
Management Committee - February 21, 2007**

**Motion  
Motion #**

Sector	Organization	Representative	Affiliate	Present	For	Against
End Use - Gov. Agency/Aggr.	NYS Energy Research & Develop. Auth.	David Coup		y		
End Use - Gov. Agency/Aggr.	The City of New York					
End Use - Large Consumer	Alcoa/Reynolds Metals Company	Robert Loughney		y		
End Use - Large Consumer	Atco Properties & Management Inc.	David Bomke		y	1.00	
End Use - Large Consumer	IBM Corporation	Robert Loughney		y		
End Use - Large Consumer	Occidental Chemical Corp.	Robert Loughney		y		
End Use - Large Consumer	Praxair Inc.	Robert Loughney		y		
End Use - Large Consumer	Wegmans Food Markets	Robert Loughney		y		
End Use - Large Cons. Gov.	Metropolitan Transportation Authority					
End Use - Small Consumer	American Sugar Refining, Inc.	John Dowling		y	1.00	
End Use - Small Consumer	Association for Energy Affordability, Inc.					
End Use - Small Consumer	Beth Israel Health Care System	John Dowling		y	1.00	
End Use - Small Consumer	Building and Realty Institute					
End Use - Small Consumer	Columbia University	John Dowling		y	1.00	
End Use - Small Consumer	Mount Sinai Medical Center	John Dowling		y	1.00	
End Use - Small Consumer	New York Presbyterian Hospital	John Dowling		y		
End Use - Small Consumer	New York University	John Dowling		y	1.00	
End Use - State Agency	NY State Consumer Protection Board	Tariq Niazi		y		
Generation Owners	AES NY					
Generation Owners	Astoria Energy LLC					
Generation Owners	Calpine					
Generation Owners	East Coast Power Linden Holding LLC					
Generation Owners	Edison Mission Marketing & Trading	William Roberts		y		
Generation Owners	Entergy Nuclear Northeast	Ron Mackowiak		y	1.00	
Generation Owners	Horizon Wind Energy					
Generation Owners	Indeck Energy Services	Mark Younger		y	1.00	
Generation Owners	KeySpan Ravenswood, LLC	Madison Mihous		y	1.00	
Generation Owners	Mirant New York, Inc.	Doreen Sala		y	1.00	
Generation Owners	New Athens Generating Co.	Rich Felak		y		
Generation Owners	Noble Environmental Power LLC					
Generation Owners	Selkirk Cogen Partners, L.P.					
Generation Owners	TransCanada Power Marketing					
Other Suppliers	AB Energy Inc.					
Other Suppliers	Advantage Energy, Inc.					
Other Suppliers	Amerada Hess Corporation					
Other Suppliers	Brookfield Energy Marketing Inc.	Robert Ricketts		y	1.00	
Other Suppliers	Cnergy Capital and Trading					
Other Suppliers	Con Edison Solutions		y			
Other Suppliers	Conectiv					
Other Suppliers	Constellation Energy Commodities, Inc.	Glen McCartney		y		
Other Suppliers	Constellation New Energy Inc.		y			
Other Suppliers	Consumer Powerline					
Other Suppliers	Coral Power, LLC	Matt Picardi		y		
Other Suppliers	Cross Sound Cable Co.	Jose Rotger		y		
Other Suppliers	DC Energy	Glenn Haake		y	1.00	
Other Suppliers	Dynergy	Barry Huddleston		y		
Other Suppliers	ECONergy					
Other Suppliers	Energy Curtailment Specialists, Inc					
Other Suppliers	Energy Spectrum					
Other Suppliers	EnerNoc					
Other Suppliers	Epic Merchant Energy NY, LP	Erik Abend		y	1.00	
Other Suppliers	Exelon Generating Co. LLC					
Other Suppliers	Fortistar/Lockport Energy Associates, L.P.	Mark Younger		y	1.00	
Other Suppliers	FPL Energy	David Applebaum		y	1.00	
Other Suppliers	Galt Power					
Other Suppliers	HQ Energy Services	Michel Prevost		y	1.00	
Other Suppliers	KeySpan Energy Services		y			
Other Suppliers	Morgan Stanley Capital Group					
Other Suppliers	NRG Power Marketing					
Other Suppliers	Ontario Power Generation Inc.	Dave Barr		y		
Other Suppliers	PPM Energy					
Other Suppliers	PP&L Energy Plus	Joseph Langan		y		
Other Suppliers	PSEG Energy Resources & Trade	Howard Fromer		y	1.00	
Other Suppliers	Sempra Energy Trading					
Other Suppliers	SESCO Enterprises, LLC					
Other Suppliers	Strategic Energy LLC					
Other Suppliers	TransEnergie U.S. Ltd.		y			
Other Suppliers	U.S. Power Generating Co.	Doreen Sala		y	1.00	
Other Suppliers	Williams Power Company					
Public Power - Authorities	Long Island Power Authority	Kevin Jones		y	1.00	
Public Power - Authorities	New York Power Authority	William Palazzo		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	Tim Bush		y	1.00	1.00
Public Power - Munis & Co-ops	City of Jamestown Board of Pub. Util.	Tom Rudebusch		y	1.00	
Public Power - Munis & Co-ops	Lake Placid Village	Tim Bush		y	1.00	1.00
Public Power - Munis & Co-ops	Municipal Commission of Boonville	Tim Bush		y	1.00	1.00
Public Power - Munis & Co-ops	Plattsburgh Municipal Lighting Dept.	Tim Bush		y	1.00	1.00
Public Power - Munis & Co-ops	Village of Arcade	Tim Bush		y	1.00	1.00
Public Power - Munis & Co-ops	Village of Fairport	Tim Bush		y	1.00	1.00
Public Power - Munis & Co-ops	Village of Freeport	Tom Rudebusch		y	1.00	
Public Power - Munis & Co-ops	Village of Rockville Centre					
Public Power - Munis & Co-ops	Village of Solway	Tim Bush		y	1.00	1.00
Public Power - Munis & Co-ops	Village of Westfield	Tim Bush		y	1.00	1.00
Transmission Owners	Central Hudson Gas & Electric	John Watzka		y	1.00	
Transmission Owners	Consolidated Edison	Stuart Nachmias		y	1.00	1.00
Transmission Owners	National Grid	Jerry Ancona		y	1.00	
Transmission Owners	NY State Electric Gas (NYSEG)	Patti Caletka		y	1.00	1.00
Transmission Owners	Orange & Rockland, Inc.		y			
Transmission Owners	Rochester Gas & Electric	Patti Caletka	y	y		
Non-voting	Ace Energy Company, Inc		y			

**New York Independent System Operator  
Management Committee - February 21, 2007**

Motion: Motion #

Result: Motion Passed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against	
Generation Owners	21.5	✓	✓	21.50	4.00	0.00	2	21.50	0.00	
Other Suppliers	21.5	✓	✓	21.50	5.00	2.00	8	15.36	6.14	
Transmission Owners	20.0	✓	✓	20.00	2.00	2.00	0	10.00	10.00	
End Use Consumer			✓							
Large Consumer	9.0	✓		9.00	1.00	0.00	5	13.33	0.00	
Large Cons. Gov. Agency	2.0	✓		2.00	0.00	0.00	0	0.00	0.00	
Small Consumer	4.5	✓	✓	4.50	6.00	0.00	0	6.67	0.00	
Gov. State-wide Cons. Advocate	2.7	✓		2.70	0.00	0.00	1	0.00	0.00	
Gov. Sm. Cons. & Retail Aggr.	1.8	✓		1.80	0.00	0.00	1	0.00	0.00	
Public Power			✓							
State Power Authorities	8	✓		9.07	2.00	0.00	0	9.07	0.00	
Munis and Coops	7	✓		7.93	8.00	0.00	2	7.93	0.00	
Environmental	2	✓		0.00	0.00	0.00	0	0.00	0.00	
				5	100.00	28.00	4.00	19	83.86	16.14
					100.00	Normalized to 100% :		83.86	16.14	

**New York Independent System Operator  
Management Committee - February 21, 2007**

**Motion  
Motion #**

Sector	Organization	Representative	Affiliate	Present	For	Against
End Use - Gov. Agency/Aggr.	NYS Energy Research & Develop. Auth.	David Coup		y		
End Use - Gov. Agency/Aggr.	The City of New York					
End Use - Large Consumer	Alcoa/Reynolds Metals Company	Robert Loughney		y		
End Use - Large Consumer	Atco Properties & Management Inc.	David Bomke		y	1.00	
End Use - Large Consumer	IBM Corporation	Robert Loughney		y		
End Use - Large Consumer	Occidental Chemical Corp.	Robert Loughney		y		
End Use - Large Consumer	Praxair Inc.	Robert Loughney		y		
End Use - Large Consumer	Wegmans Food Markets	Robert Loughney		y		
End Use - Large Cons. Gov.	Metropolitan Transportation Authority					
End Use - Small Consumer	American Sugar Refining, Inc.	John Dowling		y	1.00	
End Use - Small Consumer	Association for Energy Affordability, Inc.					
End Use - Small Consumer	Beth Israel Health Care System	John Dowling		y	1.00	
End Use - Small Consumer	Building and Realty Institute					
End Use - Small Consumer	Columbia University	John Dowling		y	1.00	
End Use - Small Consumer	Mount Sinai Medical Center	John Dowling		y	1.00	
End Use - Small Consumer	New York Presbyterian Hospital	Tariq Niazi		y	1.00	
End Use - Small Consumer	New York University	John Dowling		y	1.00	
End Use - State Agency	NY State Consumer Protection Board	Tariq Niazi		y		
Generation Owners	AES NY					
Generation Owners	Astoria Energy LLC					
Generation Owners	Calpine					
Generation Owners	East Coast Power Linden Holding LLC					
Generation Owners	Edison Mission Marketing & Trading	William Roberts		y	1.00	
Generation Owners	Entergy Nuclear Northeast	Ron Mackowiak		y	1.00	
Generation Owners	Horizon Wind Energy					
Generation Owners	Indeck Energy Services	Mark Younger		y	1.00	
Generation Owners	KeySpan Ravenswood, LLC	Madison Mihous		y		
Generation Owners	Mirant New York, Inc.	Doreen Saia		y	1.00	
Generation Owners	New Athens Generating Co.	Rich Felak		y		
Generation Owners	Noble Environmental Power LLC					
Generation Owners	Selkirk Cogen Partners, L.P.					
Generation Owners	TransCanada Power Marketing					
Other Suppliers	AB Energy Inc.					
Other Suppliers	Advantage Energy, Inc.					
Other Suppliers	Amerada Hess Corporation					
Other Suppliers	Brookfield Energy Marketing Inc.	Robert Ricketts		y		1.00
Other Suppliers	Cnergy Capital and Trading					
Other Suppliers	Con Edison Solutions		y			
Other Suppliers	Conectiv					
Other Suppliers	Constellation Energy Commodities, Inc.	Glen McCartney		y		
Other Suppliers	Constellation New Energy Inc.		y			
Other Suppliers	Consumer Powerline					
Other Suppliers	Coral Power, LLC	Matt Picardi		y		
Other Suppliers	Cross Sound Cable Co.	Jose Rotger		y		
Other Suppliers	DC Energy	Glenn Haake		y	1.00	
Other Suppliers	Dynergy	Barry Huddleston		y		
Other Suppliers	ECONergy					
Other Suppliers	Energy Curtailment Specialists, Inc					
Other Suppliers	Energy Spectrum					
Other Suppliers	EnerNoc					
Other Suppliers	Epic Merchant Energy NY, LP	Erik Abend		y		
Other Suppliers	Exelon Generating Co. LLC					
Other Suppliers	Fortistar/Lockport Energy Associates, L.P.	Mark Younger		y	1.00	
Other Suppliers	FPL Energy	David Applebaum		y	1.00	
Other Suppliers	Galt Power	Rick Mancini		y		
Other Suppliers	HQ Energy Services	Michel Prevost		y		1.00
Other Suppliers	KeySpan Energy Services		y			
Other Suppliers	Morgan Stanley Capital Group					
Other Suppliers	NRG Power Marketing					
Other Suppliers	Ontario Power Generation Inc.	Dave Barr		y		
Other Suppliers	PPM Energy					
Other Suppliers	PP&L Energy Plus	Joseph Langan		y		
Other Suppliers	PSEG Energy Resources & Trade	Howard Fromer		y	1.00	
Other Suppliers	Sempra Energy Trading					
Other Suppliers	SESCO Enterprises, LLC					
Other Suppliers	Strategic Energy LLC					
Other Suppliers	TransEnergie U.S. Ltd.		y			
Other Suppliers	U.S. Power Generating Co.	Liam Baker		y	1.00	
Other Suppliers	Williams Power Company					
Public Power - Authorities	Long Island Power Authority	Kevin Jones		y	1.00	
Public Power - Authorities	New York Power Authority	William Palazzo		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	Tim Bush		y	1.00	
Public Power - Munis & Co-ops	City of Jamestown Board of Pub. Util.	Tom Rudebusch		y		
Public Power - Munis & Co-ops	Lake Placid Village	Tim Bush		y	1.00	
Public Power - Munis & Co-ops	Municipal Commission of Boonville	Tim Bush		y	1.00	
Public Power - Munis & Co-ops	Plattsburgh Municipal Lighting Dept.	Tim Bush		y	1.00	
Public Power - Munis & Co-ops	Village of Arcade	Tim Bush		y	1.00	
Public Power - Munis & Co-ops	Village of Fairport	Tim Bush		y	1.00	
Public Power - Munis & Co-ops	Village of Freeport	Tom Rudebusch		y		
Public Power - Munis & Co-ops	Village of Rockville Centre					
Public Power - Munis & Co-ops	Village of Solway	Tim Bush		y	1.00	
Public Power - Munis & Co-ops	Village of Westfield	Tim Bush		y	1.00	
Transmission Owners	Central Hudson Gas & Electric	John Watzka		y		1.00
Transmission Owners	Consolidated Edison	Stuart Nachmias		y	1.00	
Transmission Owners	National Grid	Jerry Ancona		y		1.00
Transmission Owners	NY State Electric Gas (NYSEG)	Patti Caletka		y	1.00	
Transmission Owners	Orange & Rockland, Inc.		y			
Transmission Owners	Rochester Gas & Electric	Patti Caletka	y	y		
Non-voting	Ace Energy Company, Inc		y			