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## NYISO Management Committee Meeting Minutes

July 29, 2009

10:00 a.m. – 1:00 p.m.

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

Mr. Bill Palazzo (NYPA), the Chair of the Management Committee (MC) called the meeting to order 10:00 a.m. and welcomed the members of the MC. Meeting participants introduced themselves and their affiliations.

### 2. Approval of Meeting Minutes – The April 24 and June 23, 2009 meeting minutes were presented for approval. The May 27 meeting minutes were deferred to the August meeting.

#### Motion #1:

Motion to approve the April 24, 2009 and June 23, 2009 meeting minutes.

***Motion by show of hands.***

**The meeting minutes were approved by show of hands.**

### 3. President's Report

Mr. Steve Whitley, President and CEO of the NYISO, presented the market performance highlights, which included a report on the FERC Order pertaining to the Lake Erie Loop flow, and an update on the Eastern Interconnection Planning collaborative. (See presentation)

Mr. Whitley provided a detailed report on Lake Erie, which included the sequence of events, background history, information on the FERC Order, actions the NYISO has taken to address uplift and day-ahead market congestion costs, and long term solutions to Loop Flow. (See presentation). NYISO is committed to working with neighbors and appreciates the support of market participants.

In response to a question regarding MISO's November 1, 2009 implementation for the four Michigan/Ontario PARs, Mr. Alex Schnell (NYISO) indicated that there is an open docket related to the construction of the PARs **and the related operating agreement at the Department of Energy. See DOE PP-230-4 at the following link:**

[http://www.oe.energy.gov/permits\\_pending.htm](http://www.oe.energy.gov/permits_pending.htm)

Mr. Whitley asked that other recommendations from market participant regarding solutions to the Lake Erie loop flow be brought to the working group CARIS is being developed in (ESPEG).

Mr. Whitley reported on a number of projects related to reducing seams and broader regional markets. These were presented at the sector meetings and received strong support from market participants, and will be a key part of NYISO work going forward with market participants and neighboring systems. A high level overview was given of the three main projects: Buy-Thru Congestion, Congestion Management, Dynamic Scheduling, and Regulation and Reserves sharing.

All are important to NY and other control areas as seams improvements as we move forward to integrate renewable with intermittent characteristics. These projects were presented at the NEPOOL summer meeting, and there is an interest with all the neighbors to work together and come up with a mutual set of plans. There will be a prioritization process for these projects. A report to FERC will be due in mid-January and will lay out the list of projects and NYISO plans. NYISO will consider having joint stakeholder meetings with the other ISO's. As the NYISO moves forward on market design changes, unintended consequences will need to be looked at.

Mr. Whitely provided an update on the Eastern Interconnection Planning Collaborative and how the DOE stimulus ties into this. Progress is being made on the proposal, which is being worked on with the different regions that will government and administration policy makers with an overview of planning efforts across the eastern interconnection. This will involve NYISO and all planning entities to be in the position to receive DOE money to help pay for tasks, contractors, etc. Other stimulus projects related to Smart Grid were mentioned. NYISO is preparing applications for the Smart Grid grants on behalf of NY and to submit them early next month, as this is very important for the power system and for the markets. Mr. Whitely stated there could be some impact to rate schedule 1. He asked for Market Participant support, as these projects would benefit the eclectic system. Updates will be provided at future meetings.

Ms. Mary McGarvey (NYISO) provided an update on the 2009 Budget and RS1 shortfalls; a follow up to a discussion held at last month's BPWG and for those in attendance at the last Board Liaison meeting. NYISO is evaluating potential options to address remaining 2009 budget, which include:

- Seek further spending reductions (likely to affect commitments to Market Participants, including projects),
- Increase Rate Schedule 1 for remainder of 2009,
- Temporarily borrow funds from Working Capital reserve with scheduled repayment in 2010,
- Assume additional debt borrowings to fund Rate Schedule 1 shortfall (not an ideal solution to fund operating costs with long-term debt)

By September 30, NYISO will discuss recommended course of action with Market Participants.

Mr. Rick Gonzales provided an update on the recent uplift trends and the Waldwick PAR restitution issue.

Uplift trends: For June 2009, there was an increase in the months balancing market congestion residual. As part of the daily investigation and monthly roll up, the NYISO attempts to identify where these costs will end up; allocated statewide or in some other form. In June 2009 – costs are identified as storm watch costs. On a day by day breakdown most of these costs are associated with the storm watch contingency cases. The storm watch costs are allocated only to the Zone J, the NYC locality since the reliability rule is focused on providing additional reliability to the NYC metropolitan area.

Mr. Mager asked that the monthly reports that have total uplift be broken out from statewide and those allocated to NYC region. Mr. Gonzales stated he would look in this.

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Mr. Gonzales reported that another reason for uplift was due to DA market local reliability. The vast majority of it will be allocated locally and not statewide. July uplift will also be significantly higher. The NYISO has identified a reliability need that is requiring the supplemental commitment of the Saranac Energy unit to meet North Country reliability. The days and hours of this SRE are being posted on the OASIS. This will result in additional uplift cost for July. In response to this new reliability need, the NYISO has met with NYSEG, National Grid, NYPA, PSC, and ISO-NE with objective to try to minimize the reliability need for this unit. We have discussed both short term operational structure and long term infrastructure improvements. Rick will report the short term actions at the August MC Meeting. NYISO is actively pursuing trying to managing these costs while meeting reliability in the most efficient manner.

Rick Gonzales provided some specifics on the reliability need, a generation and load balancing issue, and the localities affected. There was discussion on how the uplift would be allocated. Because this involved multiple service territories, it is being allocated statewide. If multiple TO service districts are being affected by the supplemental Resource evaluation it is allocated statewide pursuant to rules. Mr. Gonzales added that the NYISO is pursuing with ISO-NE an emergency assistance agreement that would partially mitigate the reliability need for the operation of the unit. It may be a short term issue. He agreed to send out a written description of the issue and actions taken, and noted it would discussed further at a working group meeting.

Waldwick PAR Restitution: Mr. Gonzales discussed the stakeholder restitution proposal that was introduced at MIWG and BIC, and added the goal was to inform the FERC commission of stakeholder action on this single proposal. Subsequent to that, several market participants requested that it be withdrawn. NYISO is prepared to characterize the stakeholder discussion to FERC that there was no support. This item was pulled from the agenda as a voting item; FERC had asked NYISO to look into whether restitution was feasible – in this instance, Market Participants felt there is was not.

Mr. Kevin Jones (LIPA) expressed concern on the proposal stating that there is no feasible way to re-spin market and provide restitution. Mr. Fromer asked that the NYISO state in the filing that the overwhelming sentiment by market participants was the restitution was not a feasible approach, and that some Market Participants offered a rough justice form of approach. Mr. Rich Bolbrock (NYMPA) recommended that the NYISO develop criteria on going forward, how to come up with criteria that would allow restitution.

Mr. Bolbrock (MEUA and NYMPA) stated that he would vote an abstention on the motion even though MEUA and NYMPA was a sponsor of the conceptual proposal for providing restitution. MEUA and NYMPA are, and continue to be, strong supporters of restitution whenever an error is made if restitution can be reasonably determined or approximated (the so-called “rough justice” approach). However, MEUA and NYMPA have not been provided the information needed to determine whether or not the conceptual proposal would accomplish the desired goal, nor has the NYISO performed an analysis that would enable Market Participants to make such a determination, and therefore MEUA and NYMPA cannot vote in favor of the motion. It is recommended and requested that the NYISO, working through the stakeholder process, develop criteria regarding when, and if, a tariff waiver request is appropriate.

Mr. Bart Franey (National Grid) asked for a more thorough examination of the need of based on the frequency of requests to go back and open re-finalize bills due to tariff violations. Market

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Participants should discuss the need for developing policies for when restitution should be considered. He is concerned on the current practice – when we ask for tariff waivers and say bills should be final and go to plan b alternatives to re-settle markets. There is starting to be a significant frequency on issues and we should be developing some policy and keeping an eye towards legal rights. Concerned with statute of limitation and legal ramifications –wants policies worked on.

Rich Miller (Con Ed) stated that these are disputes that should not be resolved by an MC votes but at FERC. Some Market Participants stated that there was the need for a concerted effort for NYISO and MP to come up with guideline and methodology on when restitution would be feasible.

### **External Transactions Credit Requirements**

Ms. Kim Sebben (NYISO) reported on the External Transactions Credit Requirements. The objectives are to eliminate manual credit processes through automation of the Credit Management System (CMS), to leverage automation to further stratify credit requirements based on transaction characteristics, and to define credit requirements to appropriately match market and transaction risks. The proposal was discussed and is posted

Mr. Kinney stated that as noted at the BIC, there are positive elements on this proposal as it relates to exports and wheel throughs, but do have concerns that thee elements need to be looked at in the context of the larger credit issues in particular with regard to energy markets. The current reliance on historic data and volumes as evidence from last summer are clearly driving up collateral costs for market participants and this kind of effort needs to be extended to those areas as well.

Sheri stated that this will be discussed at the Credit policy working group on Friday.

### **Motion #2**

The Management Committee (MC) hereby recommends that the NYISO Board of Directors authorize the NYISO to file with the Federal Energy Regulatory Commission (FERC), pursuant to Section 205 of the Federal Power Act, revisions to the NYISO's tariffs to implement the credit requirements for external transactions, as approved by the MC and more fully described in the presentation made to the MC at the July 29, 2009 meeting; provided, however, that prior to the NYISO filing the revised tariff sheets with FERC, the NYISO shall submit the revised tariff sheets to the BIC, MC and OC Chairs and Vice Chairs for review and approval.

*The motion passed with abstentions.*

### **Enhancements to NYISO Creditworthiness Policies**

Mary McGarvey provided background information and details on the enhanced credit scoring policy (See presentation under 7/29 MC meeting material).

Heightened concern regarding potential Market Participant defaults exists because of:

- Diminished liquidity in capital markets
- Increased borrowing costs
- Challenges meeting pension funding requirements
- Decreased overall profitability/liquidity

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- Potential increase in end-user defaults
  - Delayed issuance of earnings

While other ISOs have revamped their credit policies following defaults, NYISO has developed a series of policy enhancement recommendations on a proactive, strategic basis. The enhancements were presented to the group.

Central Hudson asked that the following statement be included in the meeting minutes:

“Central Hudson will not oppose the proposed revisions to the credit scoring methodology. We continue to be of the opinion that the leading indicators of credit risk utilized in the methodology, essentially relating to the price of stock, are fundamentally not indicative of Central Hudson’s ability to pay. Central Hudson has a flow-through rate mechanism that provides us the right to recover 100% of our NYISO related charges.

Logic would seem to dictate that this type of mechanism should be the predominant, if not indeed, the sole indicator of credit worthiness. Notwithstanding this reservation it appears that within the confines of the proposed credit scoring mechanism, there is opportunity for Central Hudson to be afforded an acceptable credit rating, as currently is the case.

It is our expectation that going forward, the NYISO will continue to appropriately recognize the significance of our flow-through mechanism and avoid any non-rational rating downgrade outcome.”

**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 (FERC), pursuant to Section 205 of the Federal Power Act, revisions to the NYISO’s tariffs to implement the credit scoring enhancements, as approved by the MC and more fully described in the presentation made to the MC at the July 29, 2009 meeting; provided, however, that prior to the NYISO filing the revised tariff sheets with FERC, the NYISO shall submit the revised tariff sheets to the BIC, MC and OC Chairs and Vice Chairs for review and approval.

*The motion passed with 95.70% affirmative votes.*

New Business: There was no new business.

Meeting adjourned: The meeting was adjourned at 12:30.

## **NYISO Management Committee Meeting**

*July 29, 2009*

*NYISO*

### **MOTIONS FROM THE MEETING**

#### **Motion #1**

The Management Committee hereby approves the Management Meeting minutes from the April 23rd and June 24<sup>th</sup>, 2009 meetings.

***Passed with abstentions.***

#### **Motion #2**

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***Passed with abstentions.***

#### **Motion #3**

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***Passed with 95.70% affirmative votes.***

# New York Independent System Operator

## Management Committee - July 29, 2009

Motion: Motion # 3

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	4	21.50	0.00	
Other Suppliers	21.5	✓	✓	21.50	4.00	1.00	11	17.20	4.30	
Transmission Owners	20.0	✓	✓	20.00	2.00	0.00	2	20.00	0.00	
End Use Consumer			✓							
Large Consumer	9.0	✓		9.00	4.00	0.00	0	10.33	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	1.00	0.00	6	5.17	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	1.00	0.00	0	1.80	0.00	
Public Power			✓							
State Power Authorities	8	✓		8.00	2.00	0.00	0	9.07	0.00	
Munis and Coops	7	✓		7.00	8.00	0.00	3	7.93	0.00	
Environmental	2	✓		2.00	0.00	0.00	1	0.00	0.00	
				5	100.00	27.00	1.00	27	95.70	4.30
					100.00	Normalized to 100% :		95.70	4.30	

# New York Independent System Operator

Management Committee - July 29, 2009

## Motion Motion # 3

Sector	Organization	Representative	Affiliate	Present	For	Against
End Use - Gov. Agency/Aggr.	NYS Energy Research & Develop. Auth.	Christopher Hall		y	1.00	
End Use - Gov. Agency/Aggr.	The City of New York					
End Use - Large Consumer	Alcoa/Reynolds Metals Company	Michael Mager		y	1.00	
End Use - Large Consumer	Atco Properties & Management Inc.					
End Use - Large Consumer	IBM Corporation	Michael Mager		y	1.00	
End Use - Large Consumer	Occidental Chemical Corp.	Michael Mager		y	1.00	
End Use - Large Consumer	Wegmans Food Markets	Michael Mager		y	1.00	
End Use - Large Cons. Gov.	Metropolitan Transportation Authority					
End Use - Small Consumer	American Sugar Refining, Inc.	John Dowling		y		
End Use - Small Consumer	Association for Energy Affordability, Inc.					
End Use - Small Consumer	Beth Israel Health Care System	John Dowling		y		
End Use - Small Consumer	Fordham University	John Dowling		y		
End Use - Small Consumer	Memorial Sloan Kettering Cancer Center	John Dowling		y		
End Use - Small Consumer	Mount Sinai Medical Center	John Dowling		y		
End Use - Small Consumer	New York Presbyterian Hospital	Tariq Niazi		y	1.00	
End Use - Small Consumer	New York University	John Dowling		y		
End Use - State Agency	NY State Consumer Protection Board	Tariq Niazi		y	1.00	
Generation Owners	AES NY	Christopher Wentient		y	1.00	
Generation Owners	Astoria Energy LLC					
Generation Owners	Calpine	John Flumerfelt		y		
Generation Owners	East Coast Power Linden Holding LLC					
Generation Owners	Edison Mission Marketing & Trading	Ray Stalter		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	Innovative Energy Systems Inc.					
Generation Owners	Mirant New York, Inc.	Ann Van Buren		y	1.00	
Generation Owners	New Athens Generating Co.	Ken Dell'Orto		y		
Generation Owners	Noble Environmental Power LLC					
Generation Owners	Selkirk Cogen Partners, L.P.					
Generation Owners	TC Ravenswood	Dan Congel		y		
Generation Owners	UPC Wind					
Other Suppliers	BJ Energy					
Other Suppliers	Brookfield Energy Marketing Inc.	Frank Francis		y		
Other Suppliers	Bruce Power		y			
Other Suppliers	Citi Group Energy					
Other Suppliers	Con Edison Solutions		y			
Other Suppliers	Conectiv					
Other Suppliers	Constellation Energy Commodities, Inc.	Glen McCartney		y		
Other Suppliers	Constellation New Energy Inc.	Glen McCartney	y	y		
Other Suppliers	CPower					
Other Suppliers	Cross Sound Cable Co.	Jose Rotger		y		
Other Suppliers	DC Energy	Bruce Bleiweis		y	1.00	
Other Suppliers	DTE Energy					
Other Suppliers	Dynegy	Dean Ellis		y		
Other Suppliers	Energy Curtailment Specialists, Inc					
Other Suppliers	Energy Spectrum					
Other Suppliers	EnerNoc					
Other Suppliers	Epic Merchant Energy NY, LP	Gordon Scott		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	Hess Corporation					
Other Suppliers	HQ Energy Services	Scott Leuthauser		y		
Other Suppliers	Integritys Energy Services					
Other Suppliers	Liberty Power Corp.					
Other Suppliers	Louis Dreyfus Highbridge Energy LLC					
Other Suppliers	Morgan Stanley Capital Group					
Other Suppliers	NRG Power Marketing LLC	Brad Kranz		y	1.00	
Other Suppliers	Ontario Power Generation Inc.	Dave Barr		y		
Other Suppliers	PPM Energy					
Other Suppliers	PP&L Energy Plus	Brad Weghorst		y		
Other Suppliers	PSEG Energy Resources & Trade	Howard Fromer		y		1.00
Other Suppliers	RBS Sempra Commodities	Gerry Binder		y		
Other Suppliers	SESCO Enterprises, LLC					
Other Suppliers	Shell Energy North America	Matt Picardi		y		
Other Suppliers	Strategic Energy LLC					
Other Suppliers	TransCanada Power Marketing	Dan Congel	y	y		
Other Suppliers	U.S. Power Generating Co.					
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 Lung Association					
Public Power - Environmental	American Wind Energy Association					
Public Power - Environmental	Environmental Advocates					
Public Power - Environmental	Nat'l Resources Defense Council					
Public Power - Environmental	Pace Energy & Climate Center	Natara Feller		y		
Public Power - Environmental	Scenic Hudson					
Public Power - Munis & Co-ops	Bath Electric, Gas & Water Systems	Richard Bolbrock		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	Richard Bolbrock		y	1.00	
Public Power - Munis & Co-ops	Municipal Commission of Boonville	Richard Bolbrock		y	1.00	
Public Power - Munis & Co-ops	Plattsburgh Municipal Lighting Dept.	Richard Bolbrock		y	1.00	
Public Power - Munis & Co-ops	Village of Arcade	Richard Bolbrock		y	1.00	
Public Power - Munis & Co-ops	Village of Fairport	Richard Bolbrock		y	1.00	
Public Power - Munis & Co-ops	Village of Freeport	Tom Rudebusch		y		
Public Power - Munis & Co-ops	Village of Rockville Centre	Tom Rudebusch		y		
Public Power - Munis & Co-ops	Village of Solvay	Richard Bolbrock		y	1.00	
Public Power - Munis & Co-ops	Village of Westfield	Richard Bolbrock		y	1.00	
Transmission Owners	Central Hudson Gas & Electric	John Watzka		y		
Transmission Owners	Consolidated Edison	Richard Miller		y	1.00	
Transmission Owners	National Grid	Terron Hill		y	1.00	
Transmission Owners	NY State Electric Gas (NYSEG)	Ray Kinney		y		
Transmission Owners	Orange & Rockland, Inc.		y			
Transmission Owners	Rochester Gas & Electric	Ray Kinney	y	y		

## New York Independent System Operator - Committee Membership

### Management Committee - Attendance July 29, 2009 - 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.	John Williams	Karl Michael	David Coup	Erin Hogan	✓ Christopher Hall			
The City of New York	End Use - Gov. Agency/Aggr.	Michael Delaney	Janel Guerrero	Thomas Simpson					
Alcoa/Reynolds Metals Company	End Use - Large Consumer	Robert Loughney	✓ Michael Mager	Garrett Bissell	Kevin Lang				
Atco Properties & Management Inc.	End Use - Large Consumer	David Bomke	George Diamantopoulos						
IBM Corporation	End Use - Large Consumer	Robert Loughney	✓ Michael Mager	Garrett Bissell	Kevin Lang				
Occidental Chemical Corp.	End Use - Large Consumer	Robert Loughney	✓ Michael Mager	Garrett Bissell	Kevin Lang				
Wegmans Food Markets	End Use - Large Consumer	Robert Loughney	✓ Michael Mager	Garrett Bissell	Kevin Lang				
Metropolitan Transportation Authority	End Use - Large Cons. Gov.	Jesse Samberg	Gary Caplan	Walter McCarroll					
American Sugar Refining, Inc.	End Use - Small Consumer	Quinton George	✓ John Dowling	Catherine Luthin					
Association for Energy Affordability, Inc.	End Use - Small Consumer	David Hepinstall	Jamie Van Nostrand						
Beth Israel Health Care System	End Use - Small Consumer	Catherine Luthin	✓ John Dowling						
Fordham University	End Use - Small Consumer	✓ John Dowling	Catherine Luthin						
Memorial Sloan Kettering Cancer Center	End Use - Small Consumer	✓ John Dowling	Catherine Luthin						
Mount Sinai Medical Center	End Use - Small Consumer	Catherine Luthin	✓ John Dowling						
New York Presbyterian Hospital	End Use - Small Consumer	David Bomke	Doug Elfner	✓ Tariq Niazi					
New York University	End Use - Small Consumer	Catherine Luthin	✓ John Dowling						
NY State Consumer Protection Board	End Use - State Agency	✓ Tariq Niazi	Saul Rigberg						
AES NY	Generation Owners	✓ Christopher Wentlent	Dave Evanoski	Charlie Schaffer	Dan Santelli	✓ Chris LaRoe			
Astoria Energy LLC	Generation Owners	Chuck McCall	Scott Browne	Len Singer					
Calpine	Generation Owners	Brett Kruse	Seth Berend	✓ John Flumerfelt	Max Garcia	David Webb			
East Coast Power Linden Holding LLC	Generation Owners	Daniel Walsh	Thomas Milillo	Chris Seiple					
Edison Mission Marketing & Trading	Generation Owners	✓ Ray Stalter	Jeff Ellis						
Entergy Nuclear Northeast	Generation Owners	✓ Ron Mackowiak	William Glew						
Horizon Wind Energy	Generation Owners	Brian Lammers	Gary Davidson	Tom Stebbins					
Indeck Energy Services	Generation Owners	Mike Ferguson	John Schrage	✓ Mark Younger					
Innovative Energy Systems Inc.	Generation Owners	Peter Zelif	Scott Henningham						
Mirant New York, Inc.	Generation Owners	Philip Smith	Doreen Saia	Vicki Lynch					
New Athens Generating Co.	Generation Owners	Jack Breen	✓ Ken DellOrto	Dan DeVinney	Rich Felak			✓ Ann Van Buren	
Noble Environmental Power LLC	Generation Owners	Thomas Swank	Sidney Chang						
Selkirk Cogen Partners, L.P.	Generation Owners	Tim Biittig	Steve Kampplia						
TC Ravenswood	Generation Owners	William Taylor	✓ Jim D'Andrea	✓ Dan Congel	Mike Hachey				
UPC Wind	Generation Owners	David Wilby	Mike Jacobs						
BJ Energy	Other Suppliers	Bing Ni	George Lee						
Brookfield Energy Marketing Inc.	Other Suppliers	✓ Frank Francis	Robert Ricketts		Daniel Whyte				
Bruce Power	Other Suppliers	Chris Loughrens							
Citi Group Energy	Other Suppliers	Lisa Yoho							
Con Edison Solutions	Other Suppliers	Steve Wemple	Norman Mah						
Conectiv	Other Suppliers	Robert Steele	Tony Gabrieli		Gloria Ogenyi				
Constellation Energy Commodities, Inc.	Other Suppliers	✓ Glen McCartney	Tim Daniels						
Constellation New Energy Inc.	Other Suppliers	✓ Glen McCartney	Tim Daniels						
CPower	Other Suppliers	Marie Pieniasek	Nick Planson	Tom Rutigliano	Janette Dudley				
Cross Sound Cable Co.	Other Suppliers	John Miller	Brian Reinhart	Bradley Railing	✓ Jose Rotger				
DC Energy	Other Suppliers	✓ Bruce Bleiweis	Chris Carpenter	Andrew Stevens	Matthew Tate	Sadao Milberg	David Kuo		
DTE Energy	Other Suppliers	Gregory Pakela	Raymond Wieszczyk	Paul Norris					
Dynegy	Other Suppliers	Glenn Haake	Barry Huddleston	✓ Dean Ellis					
Energy Curtailment Specialists, Inc	Other Suppliers	Glen Smith	Stephen Lynch	Marie Pieniasek	Dara Biltekoff				
Energy Spectrum	Other Suppliers	Gary David	David Ahrens	Carrie Pasch	David Neiburg	Aron Iskovitz	Ruben Brown		
EnerNoc	Other Suppliers	David Brewster	Aaron Breidenbaugh						
Epic Merchant Energy NY, LP	Other Suppliers	Michael Kinsey	Robert Erbrick	Pierre Tournois	✓ Gordon Scott	Arshad Khan			
Exelon Generating Co. LLC	Other Suppliers	Denise Foster	Jack Crowley						
Fortistar/Lockport Energy Associates, L.P.	Other Suppliers	Tom Gesicki	✓ Mark Younger						
FPL Energy	Other Suppliers	✓ David Applebaum	Fernando DaSilva	Ron Scheirer					
Galt Power	Other Suppliers	✓ Rick Mancini	✓ Alan Ackerman	Caryn Rexrode	Stephen Fernands				
Hess Corporation	Other Suppliers	Dennis Sobieski	Hemant Jain						
HQ Energy Services	Other Suppliers	Yannick Vennes	Mathieu Berube	✓ Scott Leuthauser					
Integrus Energy Services	Other Suppliers	Michael Haugh							
Liberty Power Corp.	Other Suppliers	David Hernandez	Kyla Douglas						
Louis Dreyfus Highbridge Energy LLC	Other Suppliers	Xijian Sun	Mei Cheong						
Morgan Stanley Capital Group	Other Suppliers	Patrick Murray	Karen Kochonies	Levon Kazarian	Doron Ezickson	Nikolai Markarian			

## New York Independent System Operator - Committee Membership

### Management Committee - Attendance July 29, 2009 - Albany, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
NRG Power Marketing LLC	Other Suppliers	✓ Brad Kranz	Lee Davis						
Ontario Power Generation Inc.	Other Suppliers	Colin Anderson	✓ Dave Barr	Ken Lacivita	Richard Gell				
PPM Energy	Other Suppliers	Thresa Allen	Eric Thuma	Tom Shields					
PP&L Energy Plus	Other Suppliers	Tom Hyzinski	Joseph Langan	Sharon Weber	✓ Brad Weghorst				
PSEG Energy Resources & Trade	Other Suppliers	✓ Howard Fromer	Michael LaFalce						
RBS Sempra Commodities	Other Suppliers	Dan Staines	Barry Trayers	Harry Singh	✓ Gerry Binder				
SESCO Enterprises, LLC	Other Suppliers	Mike Schubiger	Jim Thoresen						
Shell Energy North America	Other Suppliers	✓ Matt Picardi	Marc Overdyk	Dave French					
Strategic Energy LLC	Other Suppliers	Read Comstock							
TransCanada Power Marketing	Other Suppliers	William Taylor	Jim D'Andrea	✓ Dan Congel	Mike Hachey				
U.S. Power Generating Co.	Other Suppliers	Liam Baker	John Reese						
Long Island Power Authority	Public Power - Authorities	✓ Kevin Jones	Jim Wittine	Dave Clarke					
New York Power Authority	Public Power - Authorities	✓ William Palazzo	Scott Brown	Maryam Sharif					
American Lung Association	Public Power - Environmental	Jamie Van Nostrand	Michael Seilback						
American Wind Energy Association	Public Power - Environmental	Valerie Strauss	Carol Murphy	Rob Gramlich					
Environmental Advocates	Public Power - Environmental	Jamie Van Nostrand	Jackson Morris	David Gahl	Robert Moore				
Nat'l Resources Defense Council	Public Power - Environmental	Jamie Van Nostrand	Donna Decostanzo						
Pace Energy & Climate Center	Public Power - Environmental	Jamie Van Nostrand	✓ Natara Feller	Dan Rosenblum					
Scenic Hudson	Public Power - Environmental	Jamie Van Nostrand	Frank Radigan						
Bath Electric, Gas & Water Systems	Public Power - Munis & Co-ops	Matthew Benesh	✓ Richard Bolbrock	Mark Cordeiro					
City of Jamestown Board of Pub. Util.	Public Power - Munis & Co-ops	David Gustafson	David Leathers	Steven Kulig	✓ Tom Rudebusch				
Lake Placid Village	Public Power - Munis & Co-ops	Peter Kroha	✓ Richard Bolbrock	Mark Cordeiro					
Municipal Commission of Boonville	Public Power - Munis & Co-ops	Kenneth Stabb	✓ Richard Bolbrock	Mark Cordeiro					
Plattsburgh Municipal Lighting Dept.	Public Power - Munis & Co-ops	William Treacy	✓ Richard Bolbrock	Mark Cordeiro					
Village of Arcade	Public Power - Munis & Co-ops	Larry Kilburn	✓ Richard Bolbrock	Mark Cordeiro					
Village of Fairport	Public Power - Munis & Co-ops	Ken Moore	✓ Richard Bolbrock	Mark Cordeiro					
Village of Freeport	Public Power - Munis & Co-ops	Anthony Fiore	Ted Kimlingen	✓ Tom Rudebusch					
Village of Rockville Centre	Public Power - Munis & Co-ops	Paul Pallas	Thomas Cardile	✓ Tom Rudebusch					
Village of Solvay	Public Power - Munis & Co-ops	Judith Mondre	✓ Richard Bolbrock	Mark Cordeiro					
Village of Westfield	Public Power - Munis & Co-ops	Jim Hamilton	✓ Richard Bolbrock	Mark Cordeiro					
Central Hudson Gas & Electric	Transmission Owners	Charles Freni	✓ John Watzka	David Dittmann					
Consolidated Edison	Transmission Owners	Stuart Nachmias	✓ Richard Miller	Neil Butterklee					
National Grid	Transmission Owners	✓ Terron Hill	Madison Milhous	✓ Bart Franey	Joseph Rossignoli				
NY State Electric Gas (NYSEG)	Transmission Owners	✓ Ray Kinney	Patti Caletka	Hank Masti	Cliff Olson	Denis Wickham	Steve Jeremko		✓ Paul Gioia ✓ Norman Mah ✓ Roxanne Maywalt
Orange & Rockland, Inc.	Transmission Owners	None Assigned							
Rochester Gas & Electric	Transmission Owners	✓ Ray Kinney	Patti Caletka	Hank Masti	Cliff Olson	Denis Wickham			
Acciona Wind Energy USA, LLC	Non-voting	Dan DuBois	Pete Zedick						
Ace Energy Company, Inc	Non-voting	Stephen Lynch							
ACENY	Non-voting	Dan Allegretti	Allyson Smith						
Anbaric Northeast Transmission	Non-voting	Dan Allegretti	Allyson Smith						
Beacon Power Corporation	Non-voting	Judith Judson	Bill Capp						
Boundless Energy, L.L.C	Non-voting	John Tompkins	Chuck Gilbert						
Caithness Energy, L.L.C	Non-voting	Ross Ain	Gary Keevill	Mitchell Garber					
CPV Valley LLC	Non-voting		Steven Remillard	Rich Felak					
Customized Energy Solutions	Non-voting	✓ Rick Mancini	Stephen Fernands	Bill Schofield	✓ Alan Ackerman				
Ecogen, L.L.C	Non-voting	Tom Hagner							
Energetix, Inc.	Non-voting	Barney Farnsworth							
Fluent Energy	Non-voting	Michael Mastroianni	David Koplas	Margie Miller					
Gateway Energy Services Corp.	Non-voting	Angela Schorr	Usher Fogel						
GenPower Trading LLC	Non-voting	Chris Bursaw	Steven Remillard						
Hudson River Energy Group	Non-voting	Frank Radigan	Richard Canfield						
Hydro-Quebec TransEnergie	Non-voting	Glenn Sylvain							
MAG Energy Solutions INC	Non-voting	Martin Gauthier	Martin Roberge						
New York Regional Interconnect	Non-voting	Chris Thompson	Leonard Singer						
NYS Department of Public Service	Non-voting	✓ Bill Heinrich	Tammy Mitchell	Dave Drexler					
Sempa Power Systems	Non-voting								
The Structure Group	Non-voting								
Tom Halleran	Non-voting	Ishita Roy	Phung Nguyen						
US Direct Energy Inc.	Non-voting	Tom Halleran							
	Non-voting	Stephen Lynch		Glen Smith					

## New York Independent System Operator - Committee Membership

### Management Committee - Attendance July 29, 2009 - Albany, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
William P. Short	Non-voting	William Short	Marc Schaefer	Joe DeVito	John Brodbeck	Ron Matlock	Paul Savage	Roberto Denis	
zzzz new member	Non-voting								
zzzz new member	Non-voting								
zzzz new member	Non-voting								
zzzz new member	Non-voting								
zzzz new member	Non-voting								
zzzz new member	Non-voting								
zzzz new member	Non-voting								

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

Ira Freilicher	Hunton & Williams
Kevin Jones	Hunton & Williams
Ira Freilicher	Hunton & Williams
✓ Rob Fernandez	NYISO
✓ Ric Gonzales	NYISO
✓ Steve Whitley	NYISO
✓ Mollie Lampi	NYISO
✓ Randy Bowers	NYISO
✓ Rana Mukerji	NYISO
✓ Elaine Robinson	NYISO
✓ Alex Schnell	NYISO
✓ Leigh Bullock	NYISO
✓ Kate Hockford	NYISO
✓ Debbie Eckels	NYISO
✓ Mary McGarvey	NYISO
✓ Mike Swider	NYISO
✓ Kate Hockford	NYISO
✓ Pete Lemme	NYISO
✓ Sheri Prevratil	NYISO
✓ Janet Joyce	NYISO
✓ Robb Pike	NYISO
✓ Clyde Custer	NYISO
✓ Kim Sebben	

**Key:**

✓ = In attendance