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## NYISO Management Committee Meeting Minutes

September 30, 2009

NYISO KCC Conference Center

10:03 a.m. to 2:20 p.m.

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

Mr. Bill Palazzo, NYPA, welcomed the committee members and reviewed the objectives of the meeting.

### 2. Approval of the minutes

#### Motion #1:

Motion to approve the July 29, 2009 meeting minutes.

*Motion passed unanimously.*

### 3. President's Report (see presentation)

Rick Gonzales, Vice President, Operations, gave the President's Report in Steve Whitley's absence. He reviewed the Market Performance highlights for August 2009.

Rich Dewey provided an update on the NERC/CIP audit protection audit that took place during August 18 – 21, 2009. The scope of the audit was expanded, while the audit was being conducted, from auditing the 6 cyberspace standards and 13 requirements enforced from July 2008 – June 2009 to include the review of physical security. The audit found the NYISO fully compliant in all aspects in the original audit scope as well as in spot inspection of the premises. The report will be publicly posted upon finalization.

Rich Dewey provided an update on the NERC Critical Infrastructure Protection (CIP) audit that took place during August 18 – 21, 2009. The scope of the audit was defined to be the 13 CIP requirements that were in place from July 2008 – June 2009. During the exercise, a spot audit was performed which expanded the scope to include 6 additional requirements related to physical security. The preliminary results indicate that the NYISO is fully compliant with all CIP requirements included in the original audit scope as well as additional requirements included as part of the spot inspection. The report will be posted for public consumption, once finalized.

Rich Dewey also provided an update on the proposed Department of Energy (DOE) Smart Grid Investment Grant stimulus projects by stating that the DOE has cancelled the third round opportunity to submit proposals (originally scheduled for February 2010), and has extended the deadline for the second round of the proposal submission process to December 15<sup>th</sup>. This was to allow additional time for the DOE staff to review the proposals received in the first round. Rich Dewey added that the NYISO proposal to implement Phasor Measurement Units and Capacitors has passed the first tollgate and has moved to the next phase which will entail merit review. The proposed project to implement a Statewide Communication Fiber Optic Network is still being discussed within a technical working group to determine the merit of the proposal, and justify the benefits before proceeding with a proposal. See the Budget and Priority Working Group meeting materials for further details regarding the DOE projects.

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Rick Gonzales ended the President's Report by informing the committee members that the NYISO's review of the recent McCullough analysis of the energy markets, performed in response to Assemblyman Brodsky, was available on its website. Comments could be sent to Echo Cartwright, NYISO. Doreen Saia (Greenburg Traurig) requested that further information regarding the in-service date for the Michigan Ontario PARS be provided at the next MIWG meeting.

#### **4. Adjustment to Energy Market Credit Requirements - (see presentation)**

Sheri Prevratil, NYISO, reviewed the proposal to provide for energy price fluctuations from year to year by calculating a "Price Adjustment." This would be calculated monthly. The "Price Adjustment" is based on the futures Henry Hub spot price divided by the average Henry Hub gas price of the like month in the prior equivalent capability period.

##### **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 adjustments to the energy and ancillary services credit requirements, as approved by the MC and more fully described in the presentation made to the MC at the September 30, 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 for review and approval

*Motion passed unanimously.*

#### **5. Statewide DARU Tariff Provisions – Discussion and MC Action**

Shaun Johnson, NYISO, explained the current DARU capabilities and reviewed the proposed modification to the software which will allow the NYISO the ability to commit units through the DARU process for NYCA reliability. This tariff change expands the DARU process to allow the NYISO to commit units for reliability prior to the close of Day Ahead Market. Discussion centered on the topic of how DARU commitments affect the allocation of Bid Production Cost Guarantee payments. Shaun Johnson explained that when a DARU request is made for local reliability, the cost is allocated to the local customer, when the NYISO calls for reliability, the allocation is made statewide. Shaun Johnson added all Transmission Owners have the ability to request DARU commitments and that the secured facilities typically requested are defined in the Transmission and Dispatch manual. Doreen Saia, Greenberg Traurig, stated that the primary reason to give the DARU commitment ability to the NYISO is to secure the system and requested review of the language agreed upon at the September 2009 BIC. The NYISO confirmed, consistent with its presentation for the September 9th BIC meeting, that the NYISO's first preference would be to create and model constraints whenever practicable. Brad Kranz, NRG, commented that this is the same settlement methodology applied for the Supplemental Resource Evaluation (SRE) process. There may be a better way to allocate the charges for the future but that discussion does not have to hold up today's decision. Rich Miller, Consolidated Edison, expressed concern about being clear on what is being voted on today, which is not to determine cost allocation on

a going forward basis, and that the statement about the BPCG is allocated statewide is only how it is understood today. Rich Miller further added that the proposed tariff language should not include allocation provisions in the tariff filing which would foreclose further discussions in that regard. Alex Schnell, NYISO, stated that the Tariff revisions that the NYISO is proposing today address the NYISO's authority to commit generators using the DARU process. If there are provisions of the NYISO's Tariffs that address how the costs of commitments for NYCA reliability are allocated, they are not being changed here today.

**Motion #3:**

The Management Committee ("MC") hereby recommends that the Board of Directors authorize NYISO to file with the Federal Energy Regulatory Commission, pursuant to Section 205 of the Federal Power Act, to approve revisions to the NYISO's Services Tariff in relation to Statewide Day-Ahead Reliability Units (DARU), pursuant to the presentation made to the Management Committee on this date.

*Motion passed with abstentions*

**6. Queue Process Improvements Tariff Revisions (see presentation)**

Steve Corey, NYISO, summarized the steps taken to improve the NYISO Interconnection Queue process. Steve Corey highlighted the improvements made to the base case requirements, class year entry and re entry rules, deposits, and elimination of the February time frame regarding approval of the ATBA referenced in the OATT.

**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, pursuant to Section 205 of the Federal Power Act, revisions to Attachments X, S, and Z of the NYISO's Open Access Transmission Tariff related to Queue Process Improvements more fully described in the presentation made to the MC on September 30, 2009.

*Motion passed unanimously.*

**7. 2009 RS 1 Shortfall Options (see presentation)**

Mary McGarvey, NYISO, summarized the steps taken in January 2009 to reduce NYISO's 2009 spending. She then presented the status of 2009 Rate Schedule 1 recoveries, noting a potential year-end shortfall of \$3.5M due to significant reductions in MWh volumes during 2009. Mary McGarvey noted that BPWG members had considered several options to address the projected Rate Schedule 1 shortfall, and she presented the hybrid proposal as developed and recommended by the BPWG members. The hybrid approach includes an increase to Rate Schedule 1 for Quarter 4, a decrease in NYISO spending for Quarter 4, and a potential borrowing from the Working Capital fund, if needed for any remaining shortfall. Long Island Power Authority, RG&E and NYSEG representatives publicly stated their opposition to the increase in Rate Schedule 1. Liam Baker, (US PowerGen), said real-time LBMPs are half of what

they were last year and average wholesale consumption is down since 2002. He further noted if this is not the right time to increase Rate Schedule 1, then no time is the right time to increase Rate Schedule 1. It is reckless and foolish to borrow from next year to pay for today, we should increase RS1 to pay 100% for the 2009 shortfall. Kevin Lang, Multiple Interveners, added that Multiple Interveners is in support of the hybrid approach.

**Motion #5:**

The Management Committee ("MC") hereby recommends that the NYISO's Board of Directors authorize the NYISO to change the Rate Schedule 1 rate and make other changes consistent with the "BPWG Recommendation" as more fully described in the presentation made to the MC on September 30, 2009.

*Motion passed with 70.03% affirmative votes.*

Motion #5a

Motion to table motion 5.

*Motion failed with 31.23% affirmative votes.*

**8. 2010 Budget Preview (see presentation)**

Scott Brown, NYPA, provided the MC members with a preview of the NYISO 2010 budget, noting the process used by BPWG and NYISO to develop the 2010 Budget. Scott Brown noted the total 2010 Rate Schedule 1 revenue requirement totaled \$149 million, and reviewed the NYISO's 2010 main priorities. He also noted that the 2010 Rate Schedule charge per megawatt hour is being driven heavily by reduced megawatt hour volumes expected during 2010. Scott Brown described various steps taken by NYISO to reduce costs, including the elimination of 17 FTE positions, reductions to employee benefit costs, and the significant reduction / elimination of outsourced professional services. Mary McGarvey discussed the \$5 million reduction to the 2009 budget based on RS1 over-collections carried forward from 2008, and noted that no such carry forward balance will likely exist for the 2010 budget. Scott Brown reviewed the highlights of the 2010 budget composition and addressed various questions from MC members. Additional discussions regarding the 2010 budget will be held at the October 7 BPWG meeting, and the MC will vote on the 2010 budget on October 28.

**9. Infrastructure Master Plan (see presentation)**

Rich Dewey, NYISO, summarized the need for a new Primary Control Center (PCC) building by highlighting both the necessary improvements required for the current PCC building, as well as identifying the strategic enhancements that are necessary for the control room in order to support evolving reliability needs and Smart Grid technology. The necessary improvements for the existing structure include expanding the Data Center, removal of asbestos, replacement of emergency generators and fuel tanks, replacement of the roof, removal of temporary structures on the rear of the building, expansion of office space to allow transition of non-critical staff from the control room floor,

and replacement of many electrical / mechanical components (switchgear, pumps, fire protection systems, etc.).

Howard Fromer, PSEG, questioned the necessity of undertaking these projects immediately rather than postponing desirable maintenance and only completing repairs that would satisfy violation of orders and standards. Rich Dewey (NYISO) responded that NYISO is not currently in any violation of any statutes, but added that the need to execute the proposed projects is important to mitigate business risks. Rich Dewey stated that the NYISO initiated the current proposal as an extension of the project to renovate the existing PCC, which was approved in the 2009 budget, including the strategic enhancements that will be required for the control room over the next few years. Addressing the tactical needs of the existing building, at the same time as addressing the strategic needs of the control room, enables the NYISO to gain economies of scale and lessen the overall financial impact to stakeholders. Bill Heinrich, NYSPSC, inquired about how the NYISO intends to address concerns about staying within budget. Rich Dewey, NYISO, explained that the cost estimates for the project have been vetted with architects and indicated that follow up discussions at future BPWG meetings will be held to increase the confidence level of the costs estimates, as well as identification of any project controls that would be required to keep the construction costs within budgets.

#### **10. New Business**

Ron Machoviak, Entergy, requested a place holder to discuss potential revisions to the Bad Debt Policy.

#### **11. Adjournment**

## **NYISO Management Committee Meeting**

*September 30, 2009*

*KCC*

### **MOTIONS FROM THE MEETING**

#### **Motion #1:**

Motion to approve the July 29, 2009 meeting minutes.

*Motion passed unanimously.*

#### **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 adjustments to the energy and ancillary services credit requirements, as approved by the MC and more fully described in the presentation made to the MC at the September 30, 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 for review and approval.

*Motion passed unanimously.*

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*Motion passed with abstentions.*

#### **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, pursuant to Section 205 of the Federal Power Act, revisions to Attachments X, S, and Z of the NYISO's Open Access Transmission Tariff related to Queue Process Improvements more fully described in the presentation made to the MC on September 30, 2009.

*Motion passed unanimously.*

Motion #5:

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*Motion passed with 70.03% affirmative votes.*

**Motion #5a**

Motion to table motion 5.

*Motion failed with 31.23% affirmative votes.*

# New York Independent System Operator

## Management Committee - September 30, 2009

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	5.00	0	0.00	21.50	
Other Suppliers	21.5	✓	✓	21.50	0.00	9.00	3	0.00	21.50	
Transmission Owners	20.0	✓	✓	20.00	3.00	0.00	1	20.00	0.00	
End Use Consumer			✓							
Large Consumer	9.0	✓		9.00	0.00	4.00	0	0.00	15.50	
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	0.00	7	0.00	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	1.00	1.00	0	2.25	2.25	
Public Power			✓							
State Power Authorities	8	✓		8.00	1.00	0.00	1	9.07	0.00	
Munis and Coops	7	✓		7.00	0.00	11.00	0	0.00	7.93	
Environmental	2	✓		2.00	0.00	0.00	2	0.00	0.00	
				5	100.00	5.00	30.00	15	31.32	68.68
					100.00	Normalized to 100% :		31.32	68.68	



# New York Independent System Operator

Management Committee - September 30, 2009

## Motion

Motion #

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	Michael Delaney		y	1.00	
End Use - Large Consumer	Alcoa/Reynolds Metals Company	Kevin Lang		y		1.00
End Use - Large Consumer	Atco Properties & Management Inc.					
End Use - Large Consumer	IBM Corporation	Kevin Lang		y		1.00
End Use - Large Consumer	Occidental Chemical Corp.	Kevin Lang		y		1.00
End Use - Large Consumer	Wegmans Food Markets	Kevin Lang		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		
End Use - Small Consumer	New York University	John Dowling		y		
End Use - State Agency	NY State Consumer Protection Board	Tariq Niazi		y		
Generation Owners	AES NY	Chris LaRoe		y		1.00
Generation Owners	Astoria Energy LLC					
Generation Owners	Calpine					
Generation Owners	East Coast Power Linden Holding LLC					
Generation Owners	Edison Mission Marketing & Trading	Ray Stalter		y		1.00
Generation Owners	Entergy Nuclear Northeast	Ron Mackowiak		y		1.00
Generation Owners	Horizon Wind Energy					
Generation Owners	Indeck Energy Services					
Generation Owners	Innovative Energy Systems Inc.					
Generation Owners	Mirant New York, Inc.	Doreen Saia		y		1.00
Generation Owners	New Athens Generating Co.					
Generation Owners	Noble Environmental Power LLC					
Generation Owners	Selkirk Cogen Partners, L.P.					
Generation Owners	TC Ravenswood	Jim D'Andrea		y		1.00
Generation Owners	UPC Wind					
Other Suppliers	BJ Energy					
Other Suppliers	Brookfield Energy Marketing Inc.					
Other Suppliers	Bruce Power		y			
Other Suppliers	Citi Group Energy					
Other Suppliers	Con Edison Solutions	Norman Mah	y	y		
Other Suppliers	Conectiv					
Other Suppliers	Constellation Energy Commodities, Inc.	Glen McCartney		y		1.00
Other Suppliers	Constellation New Energy Inc.	Glen McCartney	y	y		
Other Suppliers	CPower					
Other Suppliers	Cross Sound Cable Co.					
Other Suppliers	DC Energy	Bruce Bleiweis		y		1.00
Other Suppliers	DTE Energy					
Other Suppliers	Dynegy	Glenn Haake		y		1.00
Other Suppliers	Energy Curtailment Specialists, Inc					
Other Suppliers	Energy Spectrum					
Other Suppliers	EnerNoc					
Other Suppliers	Epic Merchant Energy NY, LP	Gordon Scott		y		1.00
Other Suppliers	Exelon Generating Co. LLC					
Other Suppliers	Fortistar/Lockport Energy Associates, L.P.					
Other Suppliers	FPL Energy	Doreen Saia		y		
Other Suppliers	Galt Power	Rick Mancini		y		
Other Suppliers	Hess Corporation					
Other Suppliers	HQ Energy Services					
Other Suppliers	Integrus 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		1.00
Other Suppliers	PPM Energy					
Other Suppliers	PP&L Energy Plus	Brad Weghorst		y		1.00
Other Suppliers	PSEG Energy Resources & Trade	Howard Fromer		y		1.00
Other Suppliers	RBS Sempra Commodities					
Other Suppliers	SESCO Enterprises, LLC					
Other Suppliers	Shell Energy North America	Doreen Saia		y		
Other Suppliers	Strategic Energy LLC					
Other Suppliers	TransCanada Power Marketing	Jim D'Andrea	y	y		
Other Suppliers	U.S. Power Generating Co.	Liam Baker		y		1.00
Public Power - Authorities	Long Island Power Authority	Dave Clarke		y	1.00	
Public Power - Authorities	New York Power Authority	William Palazzo		y		
Public Power - Environmental	American Lung Association					
Public Power - Environmental	American Wind Energy Association	Valerie Strauss		y		
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		1.00
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		1.00
Public Power - Munis & Co-ops	Village of Rockville Centre	Tom Rudebusch		y		1.00
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	1.00	
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

## Management Committee - September 30, 2009

Motion: Motion #

Result: Motion Passed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against		
Generation Owners	21.5	✓	✓	21.50	5.00	0.00	0	21.50	0.00		
Other Suppliers	21.5	✓	✓	21.50	8.00	0.00	4	21.50	0.00		
Transmission Owners	20.0	✓	✓	20.00	0.00	4.00	0	0.00	20.00		
End Use Consumer			✓								
Large Consumer	9.0	✓		9.00	4.00	0.00	0	15.50	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	0.00	0.00	7	0.00	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	1.00	0	0.90	0.90		
Public Power			✓								
State Power Authorities	8	✓		8.00	0.00	1.00	1	0.00	9.07		
Munis and Coops	7	✓		7.00	11.00	0.00	0	7.93	0.00		
Environmental	2	✓		2.00	0.00	0.00	2	0.00	0.00		
					5	100.00	30.00	6.00	14	70.03	29.97
					100.00 Normalized to 100% :			70.03	29.97		

# New York Independent System Operator

Management Committee - September 30, 2009

## Motion

Motion #

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	Michael Delaney		y		1.00
End Use - Large Consumer	Alcoa/Reynolds Metals Company	Kevin Lang		y	1.00	
End Use - Large Consumer	Atco Properties & Management Inc.					
End Use - Large Consumer	IBM Corporation	Kevin Lang		y	1.00	
End Use - Large Consumer	Occidental Chemical Corp.	Kevin Lang		y	1.00	
End Use - Large Consumer	Wegmans Food Markets	Kevin Lang		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		
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	Chris LaRoe		y	1.00	
Generation Owners	Astoria Energy LLC					
Generation Owners	Calpine					
Generation Owners	East Coast Power Linden Holding LLC					
Generation Owners	Edison Mission Marketing & Trading	Ray Stalter		y	1.00	
Generation Owners	Entergy Nuclear Northeast	Ron Mackowiak		y	1.00	
Generation Owners	Horizon Wind Energy					
Generation Owners	Indeck Energy Services					
Generation Owners	Innovative Energy Systems Inc.					
Generation Owners	Mirant New York, Inc.	Doreen Saia		y	1.00	
Generation Owners	New Athens Generating Co.					
Generation Owners	Noble Environmental Power LLC					
Generation Owners	Selkirk Cogen Partners, L.P.					
Generation Owners	TC Ravenswood	Jim D'Andrea		y	1.00	
Generation Owners	UPC Wind					
Other Suppliers	BJ Energy					
Other Suppliers	Brookfield Energy Marketing Inc.					
Other Suppliers	Bruce Power		y			
Other Suppliers	Citi Group Energy					
Other Suppliers	Con Edison Solutions	Norman Mah	y	y		
Other Suppliers	Conectiv					
Other Suppliers	Constellation Energy Commodities, Inc.	Glen McCartney		y	1.00	
Other Suppliers	Constellation New Energy Inc.	Glen McCartney	y	y		
Other Suppliers	CPower					
Other Suppliers	Cross Sound Cable Co.					
Other Suppliers	DC Energy	Bruce Bleiweis		y	1.00	
Other Suppliers	DTE Energy					
Other Suppliers	Dynegy	Glenn Haake		y	1.00	
Other Suppliers	Energy Curtailment Specialists, Inc					
Other Suppliers	Energy Spectrum					
Other Suppliers	EnerNoc					
Other Suppliers	Epic Merchant Energy NY, LP	Gordon Scott		y	1.00	
Other Suppliers	Exelon Generating Co. LLC					
Other Suppliers	Fortistar/Lockport Energy Associates, L.P.					
Other Suppliers	FPL Energy	Doreen Saia		y		
Other Suppliers	Galt Power	Rick Mancini		y		
Other Suppliers	Hess Corporation					
Other Suppliers	HQ Energy Services					
Other Suppliers	Integrus 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	1.00	
Other Suppliers	PPM Energy					
Other Suppliers	PP&L Energy Plus	Brad Weghorst		y	1.00	
Other Suppliers	PSEG Energy Resources & Trade	Howard Fromer		y		
Other Suppliers	RBS Sempra Commodities					
Other Suppliers	SESCO Enterprises, LLC					
Other Suppliers	Shell Energy North America	Doreen Saia		y		
Other Suppliers	Strategic Energy LLC					
Other Suppliers	TransCanada Power Marketing	Jim D'Andrea	y	y		
Other Suppliers	U.S. Power Generating Co.	Liam Baker		y	1.00	
Public Power - Authorities	Long Island Power Authority	Dave Clarke		y		1.00
Public Power - Authorities	New York Power Authority	William Palazzo		y		
Public Power - Environmental	American Lung Association					
Public Power - Environmental	American Wind Energy Association	Valerie Strauss		y		
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	1.00	
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	1.00	
Public Power - Munis & Co-ops	Village of Rockville Centre	Tom Rudebusch		y	1.00	
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		1.00
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		1.00
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 September 30, 2009 - Albany, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
NYS Energy Research & Develop. Auth. The City of New York	End Use - Gov. Agency/Aggr. End Use - Gov. Agency/Aggr.	John Williams ✓ Michael Delaney	Karl Michael Janel Guerrero	David Coup Thomas Simpson	Erin Hogan	✓ Christopher Hall		✓ Rich Miller	
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 Zeliff	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				
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	Daniel Allegretti					
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		✓ K. Neubrandner
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				✓ Doreen Saia	
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 September 30, 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	✓ 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				✓ Doreen Saia	
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					✓ Paul Gioia
National Grid	Transmission Owners	✓ Terron Hill	Madison Milhous	Bart Franey	Joseph Rossignoli				✓ Roxanne Maywalt
NY State Electric Gas (NYSEG)	Transmission Owners	✓ Ray Kinney	Patti Caletka	Hank Masti	Cliff Olson	Denis Wickham	Steve Jeremko		
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	Carol Murphy	✓ Valerie Strauss						
ACENY	Non-voting	Carol Murphy	✓ Valerie Strauss						
Anbaric Northeast Transmission	Non-voting	Dan Allegretti	Allyson Smith						
Beacon Power Corporation	Non-voting	John Tompkins	Chuck Gilbert						
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					✓ Mike Jaeger
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							
Lighthouse Energy Trading Co.	Non-voting	Ibrahim Mqasqas	Bob DeMello						
MAG Energy Solutions INC	Non-voting	Martin Gauthier	Martin Roberge						
New York Regional Interconnect	Non-voting	✓ Bill Heinrich	Tammy Mitchell	Dave Drexler	Tammy Mitchell				
NYS Department of Public Service	Non-voting	✓ Bill Heinrich	Tammy Mitchell	Dave Drexler	Tammy Mitchell				
Sempa Power Systems	Non-voting								
The Structure Group	Non-voting	Ishita Roy	Phung Nguyen						
Tom Halleran	Non-voting	Tom Halleran							

## New York Independent System Operator - Committee Membership

### Management Committee - Attendance September 30, 2009 - Albany, NY - Parties Checked in Attendance

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

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

✓ Rob Fernandez	Hunton & Williams
✓ Kevin Jones	Hunton & Williams
✓ Rick Gonzales	Hunton & Williams
✓ Alex Schnell	NYISO
✓ Mollie Lampi	NYISO
✓ Debbie Eckels	NYISO
✓ Echo Cartwright	NYISO
✓ Kate Hockford	NYISO
✓ Leigh Bullock	NYISO
✓ Elaine Robinson	NYISO
✓ Shaun Johnson	NYISO
✓ Rich Dewey	NYISO
✓ Mary McGarvey	NYISO
✓ Karen Gach	NYISO
✓ Sheri Prevratil	NYISO

**Key:**

✓ = In attendance