# **NYISO Management Committee Meeting**

November 10, 2004

New York State Nurses Association Albany, NY 10:00 a.m. – 3:00 p.m.

## Draft MINUTES OF THE MEETING

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

Joe Oates of Consolidated Edison, Chairman, called the meeting to order at 10:08 AM and welcomed the members of the Management Committee ("MC"). The meeting objectives are to act on: October 1 and 14, 2004 minutes, the selection of MC Vice Chair, recommendation of the 2005 NYISO budget, and a motion to request that the Commission defer implementation of a physical Self-Supply of Reserves option. Mr. Oates reported that the Project Prioritization Team (PPT) met by phone on Nov. 4<sup>th</sup> and approved the proposed prioritized list of projects. Changes are subject to action on agenda #9. All future PPT meetings will be open to all MP's on a listen only basis. The joint MC/Board meeting is next Monday, Nov. 15<sup>th</sup>.

## 2. Approval of the Minutes

## Motion #1:

Motion to approve the Minutes from the October 1, and 14th MC meetings. The Oct. 14 minutes included a minor editorial correction.

## (Motion passed by show of hands with one abstention)

## 3. Presentation of Candidates for Position of MC vice Chair

Mario DiValentino of Strategic Power Management and Jerry Ancona from National Grid are the candidates for the MC Vice Chair. Mr. Oates reported that email ballots for MC members participating by telephone are to be sent to Debbie Eckels or Ray Stalter at <u>deckles@nyiso.com</u> or <u>rstalter@nyiso.com</u>. The Management Committee elected Jerry Ancona, to fill the Vice Chair position for December 2004 through November 2005.

*Mr. Ancona was elected MC Vice Chairperson by ballot* to fill the position from December 2004 through November 2005.

## 4. President's Report

### Market Performance Highlights for October 2004

William Museler of the NYISO reported that costs for energy were higher in October due to fuel costs. Ancillary Services prices also increased as a result of ongoing maintenance outages.

### Progress on Seams

On November 3, 2004, FERC accepted the New York and New England proposals to eliminate export charges between the two control areas effective December 1, 2004. Also on that day, FERC in its conditional acceptance of ISO-NE's RTO filing required that ISO-NE submit, by December 1, 2004, a compliance filing for the Intra-Hour Transaction Scheduling Pilot (formerly known as VRD).

### Update of RTS 15-Minute Schedule and Combined-Cycle Modeling

RTS economic scheduling of internal generation at 15 minute intervals is still planned for implementation within 150 days after SMD2 start-up. The initial activity is technical discussions at the working group level.

Combined Cycle model discussions started at Scheduling & Pricing on October 18. Discussions with owners and operators of generation are proceeding. Definition of the high level requirements is targeted for December with the Concept of Operations scheduled for completion in February. Development will begin after SMD2 start-up as resources become available.

Mr. Museler reported that the NYISO has gone back to the Board about Credit Insurance options and that the issue was being re-evaluated.

Mr. Museler reported on Reliability Standards. FERC is looking to incorporate NERC reliability rules into control area tariffs, in order to gain jurisdiction. The IRC believes reliability rules should be incorporated into Federal Law, and not necessarily through Tariff modifications.

Mayer Sasson of Consolidated Edison stated that NERC standards are incorporated into NYSRC rules; therefore, incorporation of NERC standards does not have to go into the Tariffs and committees since the NYISO follows NYSRC standards currently. Mr. Sasson does not feel this issue should come to the MC for vote.

Mr. Museler reported that the sector meetings were forward looking and highly successful. Requests have been made to have Board members attend MC meetings on a rotating basis. There was agreement at the sector meetings to maintain semi-annual sector meetings but move to one joint meeting with the Board in the summer.

Howard Fromer asked about graph 4-Y. Mr. Fromer noticed an increase in DAM mitigation from month to month, and asked for any insight on why. Mr. Museler stated the NYISO will get back to him.

## 5. SMD2 Readiness Update

Garry Brown of the NYISO reported on SMD2 Readiness. The current state of readiness supports the two week "intent to go live" filing to FERC. Mr. Brown stated that critical defects that were found have been fixed. SMD software is now under a code freeze. Testing of various components is complete or in the final stages. Training is complete, except for Power System Operator training, which is on schedule to be completed by December 1. NYISO departments are on schedule to meet the December 1 deployment date. Mr. Brown covered the cut-over plan activities, impacts, and timelines as well as the SMD2 fall-back plan.

Mayer Sasson, Con Ed, asked for clarification on SMD prices, and what would happen if corrections are needed to SMD2 prices. Rich Dewey of the NYISO answered that price correction processes will be in place. In the event of a fall-back, Legacy rules and mechanisms would be in effect. There would not be two sets of prices used in settlements.

Jim Scheiderich of Select Energy asked how the NYISO would handle a scenario where a catastrophic condition occurred, and prices were not available to be corrected. This will be discussed at a future meeting of the MSWG.

Mr. Brown reported on feedback from a number of participants on SMD2 Readiness. MP's reported concerns about the NYISO's ability to attain an unqualified SAS70 opinion after only one month of operations. MP's also have concerns about their own ability to test internal controls pursuant to SAS70 and Sarbanes-Oxley. Finally, concerns were raised that the ability to meet Public Company Auditing Oversight Board standards for testing. Auditing controls will be compromised due to the fact there will not be enough data and time to accurately test against. Mr. Brown asked the MP's to submit information to the NYISO on whether they feel they can subscribe to the Dec. 1 deployment date in light of these concerns. Comments can be sent to Brad Kranz at <u>bkranz@nyiso.com</u>, by noon tomorrow (11/11/2004).

Mr. Oates stated that the concerns surrounding SAS70 and Sarbanes-Oxley requirements had only recently come to light and were brought to the NYISO's attention by Consolidated Edison and the other TOs just a few days ago. Mr. Oates asked for a summary of the plan going forward to address these issues.

### 6. Facilities Report

An new Facilities report will be available by the first week in December if not sooner. Factors, drivers, and economics will be presented.

#### 7. **Billing Issues Update**

Ken Davis of Hunton & Williams gave a brief status update to the MC members. Next BIRT meeting is scheduled for November 18<sup>th</sup>.

#### 8. 2005 NYISO Budget

Mario DiValentino of Strategic Power Management presented the recommended budget and motion. Proposals for a new facility will be submitted to the MC for approval and will be accommodated within the budget.

## Motion #2:

The Management Committee (MC) recommends that the Board of Directors approve the proposed Rate Schedule #1 Revenue Requirement Budget of \$129.0M for the 2005 budget year as described in the presentation materials for the October 14, 2004 and November 10, 2004 Management Committee meetings. This budget represents the funding level required to meet NYISO's key objectives and projects scheduled for 2005 while staying within the 2005 target budget. Approval of the budget is subject to the understanding that any proposal for the acquisition of NYISO facilities will be submitted to the Management Committee for approval. The Management Committee also recommends that the Revenue Requirement Budget of \$129.0M be subject to the following provisions:

a. Cash Expenditures – Total amount of budgeted cash expenditures should be \$149.9 million or less.

b. Rate Schedule #1 – The budgeted rate schedule 1 charges should be maintained at equal to or less than 0.788 \$/MWH.

c. Debt Payment – If a budget under run occurs, the under run should be reserved for paying down the principal of outstanding debt. This policy should apply for the five-year duration of the 2004 financing.

d. Expenditures for Insurance - Recommend that Board consider eliminating Credit Insurance expenditures in light of current ISO credit policy.

e. Reduce Consultant Costs – Move forward on conversion of LECG price validation efforts to internal resources in 2005 (addition of 4 TEs at \$0.4M could offset \$0.3M in LECG costs in 2005; savings for LECG costs in 2006 would be \$0.7M)

f. Obligation for Repayment – In approving the 2005 budget, the Management Committee acknowledges and agrees that the cost of financing (i) the funds expended on 2003 projects, and (ii) the funds expended on 2004 projects must be repaid in the future NYISO budgets that cover the relevant amortization periods.

(Motion passed by show of hands with one negative vote and no abstentions.)

## 9. Motion with regard to Self-Supply or Reserves

Robert Thompson of the NYISO presented this issue and motion. A FERC order is in place directing the NYISO to work jointly with MP's to design and then implement physical self supply of reserves. Mr.

Thompson noted the key findings and recommendations.

## Motion #3:

The Management Committee requests NYISO staff to inform FERC of the conclusions and recommendations contained in this presentation and advises FERC that it is deferring the schedule for implementing a physical self supply option. The Committee also recommends that the NYISO further inform the FERC that the NYISO may be making a filing in the third quarter of 2005 addressing the implementation of a physical self-supply option in New York's markets or the implementation of alternative market mechanisms.

## (Motion passed unanimously by show of hands with abstentions)

### 10. New Business

Congratulations to Mary McGarvey and her husband on the birth of their son.

### 11. Adjourn

Meeting adjourned at approximately 13:17.

#### **NYISO Management Committee Meeting**

November 10, 2004

#### Albany, NY

### MOTION FROM THE MEETING

#### Motion #1:

Motion to approve the Minutes from the October 1, 2004 and October 14, 2004 MC meetings. *(Motion passed unanimously by show of hands with abstentions)* 

#### Motion #2:

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- a. **Cash Expenditures** Total amount of budgeted cash expenditures should be \$149.9 million or less.
- b. **Rate Schedule #1** The budgeted rate schedule 1 charges should be maintained at equal to or less than 0.788 \$/MWH.
- c. **Debt Payment** If a budget under run occurs, the under run should be reserved for paying down the principal of outstanding debt. This policy should apply for the five-year duration of the 2004 financing.
- d. **Expenditures for Insurance** Recommend that Board consider eliminating Credit Insurance expenditures in light of current ISO credit policy.
- e. **Reduce Consultant Costs** Move forward on conversion of LECG price validation efforts to internal resources in 2005 (addition of 4 TEs at \$0.4M could offset \$0.3M in LECG costs in 2005; savings for LECG costs in 2006 would be \$0.7M)
- f. **Obligation for Repayment** In approving the 2005 budget, the Management Committee acknowledges and agrees that the cost of financing (i) the funds expended on 2003 projects, and (ii) the funds expended on 2004 projects must be repaid in the future NYISO budgets that cover the relevant amortization periods.

#### (Motion passed by majority show of hands)

#### Motion #3:

The Management Committee requests NYISO staff to inform the FERC of the conclusions and recommendations contained in this presentation and advise the FERC that it is deferring the schedule for implementing a physical self supply option. The Committee also recommends that the NYISO further inform the FERC that the NYISO may be making a filing in the third quarter of 2005 addressing the implementation of a physical self-supply option in New York's markets or the implementation of alternative market mechanisms.

#### (Motion passed unanimously by show of hands with abstentions)

\* The Management Committee elected Jerry Ancona, to fill the Vice Chair position for December 2004 through November 2005.

#### (Mr. Ancona was elected MC Vice Chairperson by ballot with 76.75% affirmative votes)

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

#### Management Committee - Attendance November 10, 2004 - 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	✓ David Coup	Erin Hogan	Chris Hall	John Spath			
The City of New York	End Use - Gov. Agency/Aggr.	Michael Delaney	Gil Quiniones	Scott Butler	Jonathan Wallach				
Alcoa/Reynolds Metals Company	End Use - Large Consumer	Robert Loughney	✓ Michael Mager	Morgan Parke					
ATCO Management Co.	End Use - Large Consumer	Peter DiCapua	Scott Petersen	George Diamantopoulos					
IBM Corporation	End Use - Large Consumer	Robert Loughney	✓ Michael Mager	Morgan Parke					
Occidental Chemical Corp.	End Use - Large Consumer	Robert Loughney	✓ Michael Mager	Morgan Parke					
Praxair Inc.	End Use - Large Consumer	Robert Loughney	<ul> <li>Michael Mager</li> </ul>	Morgan Parke					
Xerox Corporation	End Use - Large Consumer	Robert Loughney	<ul> <li>Michael Mager</li> </ul>	Morgan Parke					
Metropolitan Transportation Authority	End Use - Large Cons. Gov.	Jesse Samberg	Gary Caplan	Walter McCarroll					
Association for Energy Affordability, Inc.	End Use - Small Consumer	David Hepinstall	Larry DeWitt					🗸 Tariq Niazi	
Beth Israel Health Care System	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	<ul> <li>Tariq Niazi</li> </ul>	Doug Elfner			
Building and Realty Institute	End Use - Small Consumer	Herb Rose	Judith Mondre	Ted Lee	🗸 Tariq Niazi	,			
CNYC Inc. (Council of NY Coop & Condo)	End Use - Small Consumer	Herb Rose	MaryAnn Rothman	Judith Mondre	Ted Lee	<ul> <li>Tariq Niazi</li> </ul>			
Columbia University	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner			
Mount Sinai Medical Center	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner			
New York Energy Buyers Forum	End Use - Small Consumer	Herb Rose	David Bomke	✓ Tariq Niazi	/ <u>_</u>				
New York Presbyterian Hospital	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner			
New York University	End Use - Small Consumer	Catherine Luthin	✓ John Dowling Quintin Quantum	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner			
Refined Sugars, Inc.	End Use - Small Consumer	John Gebhard	Quintin George	Catherine Luthin	<ul> <li>John Dowling</li> </ul>	Jennifer Kearney			
NY State Consumer Protection Board AES NY	End Use - State Agency Generation Owners	<ul> <li>✓ Tariq Niazi</li> <li>✓ Christenber Westlent</li> </ul>	Doug Elfner Rick Santoroski	Charles Sjoberg					
AES NY American National Power, Inc.	Generation Owners Generation Owners	<ul> <li>✓ Christopher Wentlent</li> <li>Dorothy Capra</li> </ul>	Bill Henson	charles Sjoberg					
Astoria Energy LLC Calpine	Generation Owners Generation Owners	Greg Banhazl Thomas Kaslow	Leonard Singer Tracee Bersani	✓ Richard Felak					
East Coast Power Linden Holding LLC	Generation Owners	Thomas Hoatson	Robert Licato	<ul> <li>Kathy Benini</li> </ul>					
5				,	Data - Data	Disk Massau	Dave March Harry		
Edison Mission Marketing & Trading Entergy Nuclear Northeast	Generation Owners Generation Owners	<ul> <li>William Roberts Marc Potkin</li> </ul>	Robert Agnello Angelo Vai	Jeffrey Ellis ✓ Ron Mackowiak	Peter Brown	Rich Mooney	Pam Van Horn		
Indeck Energy Services	Generation Owners	Mike Ferguson	John Schrage	<ul> <li>✓ Mark Younger</li> </ul>					
KeySpan Ravenswood, LLC	Generation Owners	Jim Brennan	Rich Hohlman	Joe Vignola	✓ Jim D'Andrea	Madison Milhous	Rich Rapp		
Mirant New York. Inc.	Generation Owners	James Mayhew	✓ Doreen Saia	Vicki Lynch	• JIII D Andrea	Madison Minious	кісії карр		
Orion Power New York	Generation Owners	✓ Liam Baker	Bill Berg	viol Eyrion					
Selkirk Cogen Partners, L.P.	Generation Owners	Tim Biittig	Steve Kamppila						
Sithe Energies, Inc.	Generation Owners	Scott Silverstein	✓ Joe Klimaszewski	Jim Verna					
TransCanada Power Marketing	Generation Owners	William Taylor	Elaine Beaudry						
1st Rochdale Cooperative NYC	Other Suppliers	Gregory Wortham	,						
Advantage Energy, Inc.	Other Suppliers	Kyle Storie							
Agway Energy Services, Inc.	Other Suppliers	Russell Miller	✓ Jim Scheiderich						
Amerada Hess Corporation	Other Suppliers	Hemant Jain	Kevin Laguardia	Blas Hernandez	George Braulke				
Brascan Energy Marketing Inc.	Other Suppliers	✓ Robert Ricketts	Daniel Whyte						
Cinergy Capital and Trading	Other Suppliers	Jason Barker	Walt Yeager						
Con Edison Energy	Other Suppliers	Ken Bekman	Ivan Kimball						
Con Edison Solutions	Other Suppliers	Ken Bekman	Stephen Wemple						
Conectiv	Other Suppliers	Bill Fehr	John Foreman						
Constellation New Energy Inc.	Other Suppliers	Peter Duprey	Carrie CullenHitt	Sara O'Neill	Susan Chamberlin				
Constellation Power Source	Other Suppliers	✓ Daniel Allegretti	✓ Glen McCartney	Mary Lynch	Carrie CullenHitt				
Coral Power, LLC	Other Suppliers	Matt Picardi	Marc Overdyk	Dave French					
DC Energy	Other Suppliers	✓ Bruce Bleiweis	Dean Wilde	Andrew Stevens					
Dominion Energy Marketing, Inc.	Other Suppliers	Wes Walker	Lou Oberski	Michael Bekker					
Duke Energy North America, LLC	Other Suppliers	Stacy Dimou	Del Disher						
Dynegy	Other Suppliers	✓ Alan Foster	Jason Cox	Kevin White	Tom May	Steve Vavrik			
ECONnergy	Other Suppliers	Saul Horowitz	Tom Halleran						
El Paso Merchant Energy	Other Suppliers	Jeff Moore	Asavari Alvarez	line Manue					
Exelon Generation - Power Team	Other Suppliers	Scott Silverstien	✓ Joe Klimaszewski	Jim Verna					
Fortistar/Lockport Energy Associates, L.P.	Other Suppliers	Roger Kelley	Tom Gesicki	<ul> <li>Mark Younger</li> </ul>	✓ Glenn Haake				
FPL Energy	Other Suppliers	Fernando DaSilva ✓ Michel Prevost	Shalesh Ganjoo Paul Norris	Densit Court					
HQ Energy Services	Other Suppliers			Benoit Goyette	lamas C	John Verrebe			
KeySpan Energy Services Morgan Stanley Capital Group	Other Suppliers	Terrence Kain Patrick Murray	<ul> <li>Jim D'Andrea</li> <li>Karen Kochonies</li> </ul>	Edwin Kichline Levon Kazarian	James Cross Doron Ezickson	John Vaughn Nikolai Markarian			
NRG Power Marketing	Other Suppliers Other Suppliers	Tim Foxen	Katie Sullivan	Peter Chamberlain	DOION EZICKSON	Nikulai Walkallali			
NKG Power Marketing NU / Select Energy	Other Suppliers	Gunnar Jorgensen	✓ Jim Scheiderich	Feler Granbenam					
Ontario Power Generation Inc.	Other Suppliers Other Suppliers	Barry Green	<ul> <li>Jim Scheiderich Tasos Karatsoreos</li> </ul>	Ken Lacivita	Scott McArthur	✓ Glenn Haake	✓ David Barr		
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#### New York Independent System Operator - Committee Membership

#### Management Committee - Attendance November 10, 2004 - Albany, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
PP&L Energy Plus	Other Suppliers	✓ Tom Hyzinski	John Brodbeck	✓ Joseph Langan	Sharon Weber	1			
PSEG Energy Resources & Trade	Other Suppliers	✓ Howard Fromer	Michael LaFalce						
Reliant Energy Services, Inc.	Other Suppliers	✓ Liam Baker	Bill Berg						
Sempra Energy Trading	Other Suppliers	Dan Staines	Maria Agovino	Scott Englander	Robert Fagan				
SESCO Enterprises, LLC	Other Suppliers	Mike Schubiger	Jim Thoresen	<u> </u>	Ū.				
Strategic Energy LLC	Other Suppliers	✓ Francis Pullaro	Michael Swider	Jeffrey Knox	James McCormick	Matt Morais			
Strategic Power Management, Inc.	Other Suppliers	Dan Duthie	✓ Mario DiValentino						
TransÉnergie U.S. Ltd.	Other Suppliers	José Rotger	Michael Jacobs						
Williams Energy Marketing & Trading Co.	Other Suppliers	David Singer	Dennis Keener	Robert O'Connell					
Long Island Power Authority	Public Power - Authorities	✓ Jim Parmelee	✓ Kevin Jones	Jim Wittine					
New York Power Authority	Public Power - Authorities	Robert Hinev	✓ William Palazzo	Kim Byham					
American Wind Energy Association	Public Power - Environmental	Valerie Strauss	Larry DeWitt	Douglas Ward	Mike Jacobs			✓ Tariq Niazi	
Environmental Advocates	Public Power - Environmental	Anne Reynolds	Larry DeWitt	bougido mara				✓ Tariq Niazi	
Nat'l Resources Defense Council	Public Power - Environmental	Dale Bryk	Larry DeWitt					✓ Tarig Niazi	
Pace University	Public Power - Environmental	Edward Smeloff	Larry DeWitt					✓ Tariq Niazi	
Scenic Hudson	Public Power - Environmental	Larry DeWitt	Larry Down					<ul> <li>✓ Tarig Niazi</li> </ul>	
Bath Electric, Gas & Water Systems	Public Power - Munis & Co-ops	✓ Tim Bush	Jim Hamilton	Matthew Benesh	Ken Moore	Jack Brown		rang mazi	
City of Jamestown Board of Pub. Util.	Public Power - Munis & Co-ops	Michael Darroch	David Gustafson	Wally Haase	✓ Tom Rudebusch	BIOWIT			
Plattsburgh Municipal Lighting Dept.	Public Power - Munis & Co-ops	Jack Brown	✓ Tim Bush	✓ Paul Pallas					
Village of Fairport	Public Power - Munis & Co-ops	Ken Moore	✓ Tim Bush	✓ Paul Pallas					
Village of Freeport	Public Power - Munis & Co-ops	✓ Hubert Bianco	Anthony Fiore	· Taurranas					
Village of Rockville Centre	Public Power - Munis & Co-ops	✓ Paul Pallas	Jim Hamilton	Matthew Benesh	Jim Hamilton	Jack Brown	Ken Moore	✓ Tom Rudebusch	
Village of Westfield	Public Power - Munis & Co-ops	Jim Hamilton	✓ Tim Bush	✓ Paul Pallas	Matthew Benesh	Jack Brown	Ken Moore	· · · · · · · · · · · · · · · · · · ·	
Central Hudson Gas & Electric	Transmission Owners	Charles Freni	✓ John Watzka	· Taurranas	Matthew Denesit	JACK DIOWIT	Nell Woore		
Consolidated Edison	Transmission Owners	✓ Joe Oates	Terry Agriss	✓ Neil Butterklee	✓ Rebecca Craft				
National Grid	Transmission Owners	✓ Jerry Ancona	Wes Yeomans	Janet Gail Besser	Herb Schrayshuen	Bart Franey	Terron Hill		
NY State Electric Gas (NYSEG)	Transmission Owners	✓ Ray Kinney	✓ Patti Caletka	Hank Masti	Cliff Olson	Denis Wickham	renon min		
Orange & Rockland, Inc.	Transmission Owners	None Assigned	- Tata Galetida	Trank Wash		Denis Wiekham			
Rochester Gas & Electric	Transmission Owners	✓ Ray Kinney	✓ Patti Caletka	Hank Masti	Cliff Olson	Denis Wickham			
Boundless Energy, L.L.C	Non-voting	John Tompkins	Brian Chernack	Chuck Gilbert	CIIII OISOIT	Denis Wickham			
Caithness Energy, L.L.C	Non-voting	Ross Ain	Jack Feinstein	Chuck Glibert					
Cianbro Corporation	Non-voting	Chuck Hewett	John Tompkins						
Conjunction LLC	Non-voting	Roger Clayton	John Tompkins						
Customized Energy Solutions	Non-voting	✓ Rick Mancini	Stephen Fernands	Bill Schofield					
Ecogen, L.L.C	Non-voting	Tom Hagner	Stephen Fernands	Bill Scholleid					
Energetix, Inc.	Non-voting	Barney Farnsworth							
<b>S</b>			Dishard Osefield						
Hudson River Energy Group Hydro-Quebec TransEnergie	Non-voting Non-voting	Frank Radigan Glenn Sylvain	Richard Canfield Mario Boucher						
NYS Department of Public Service	Non-voting	Penny Rubin	✓ Raiendra Addepalli						✓ B. Heinrich
			.,						• D. Heinrich
The Structure Group Tom Halleran	Non-voting Non-voting	Bob Furry Tom Halleran	Alex Lago						
Stealth Energy	Non-voting	Gad Cohen							
Fluent Energy	Non-voting	Michael Mastroianni	David Koplas	Margie Miller	John Davidhara'	Day Mattack	David Gaussian	Debasta Dasia	
William P. Short	Non-voting	William Short	Marc Schaefer	Joe DeVito	John Brodbeck	Ron Matlock	Paul Savage	Roberto Denis	
zNew Member	Non-voting	None Assigned							

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

✓	Ira Freilicher	Hunton & Williams
	Kathy Robb	Hunton & Williams
	James Schmidt	Hunton & Williams
√	Rob Fernandez	NYISO
√	Bill Museler	NYISO
√	Chuck King	NYISO
✓	Mollie Lampi	NYISO
√	Maria Sturgess	NYISO
√	Mike Jaeger	NYISO
✓	Diana Ortiz	NYISO
√	Amy Curley	NYISO
√	Leigh Bullock	NYISO
√	Ray Stalter	NYISO
√	Debbie Eckels	NYISO

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

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Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
Jim Savitt	NYISO			l			ļ	1	
Dave Evanoski	NYISO								
Phil Gootee	NYISO								
John Cutting	NYISO								
✓ Jane Lathrop	NYISO								
<ul> <li>Ernie Cardone</li> </ul>	NYISO								
John Charlton	NYISO								
Kathy Whitaker	NYISO								
Andrew Hartshorn	NYISO/LECG								

✓ = In attendance