

# NYISO Management Committee Meeting

April 14, 2003

Consolidated Edison  
New York, NY

## **Draft MINUTES OF THE MEETING**

### **1. Introduction and Meeting Objectives**

Garry Brown, Chairman, called the meeting to order at 11:05 AM and welcomed the members of the Management Committee ("MC"). Mr. Brown noted that the joint Board/MC meeting would be tomorrow at 9AM.

### **2. Approval of the Minutes**

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

Motion to approve the Minutes of February 20, 2003  
***(Motion passed unanimously by show of hands)***

#### **Motion #2:**

Motion to approve the Minutes of March 20, 2003  
***(Motion passed unanimously by show of hands)***

### **3. President's Report**

#### *Reliability Indicators*

Mike Calimano, VP Operations reported that the control performance has remained high in the month of March. This trend has continued over the past several months.

#### *Market Performance Highlights*

Mr. Calimano stated that prices have remained high in energy and ancillary markets in March as compared to February 2003 and March 2002. High fuel prices continue to be the cause.

The NYISO is starting to analyze effective regulation by measuring and tracking the response when regulation is used. The goal is to be more accurate in determining the amount of regulation that is required.

The NYISO has begun a program with New England to minimize generation movement and will be looking at having a similar program with IMO and New Brunswick before the end of 2003. This will give us the ability to regulate without moving as much generation.

ABB - Hardware has been delivered and is being configured in Houston. The equipment should be at our site some time in June. The NYISO has approved functional Specs on target.

#### *Legislative Update*

Mr. Calimano reported on the Comprehensive Energy Bill as it progresses through the U.S. House and Senate.

#### *Project Update*

Mr. Calimano stated that the tariff change for settlement rules at non-competitive proxy buses was filed on the first of April. The scarcity pricing filing is targeted for mid-April and the NYISO will ask FERC to waive the 60-day consideration period. The DADRP modifications are on target for a May 1<sup>st</sup> deployment.

Jim D'Andrea, of Keyspan Energy Services, stated that he believed that the AMP III project needs a more definitive timeline.

Mr. Brown responded that the Project Priority Team ("PPT") determined that implementing AMP III would steal resources from critical summer projects. Ms. Robinson added that these resources were needed to work on the SMD 2 project.

Jim Scheiderich, of Select Energy, stated that he does not think there has been enough discussion on the SCUC redesign.

Mr. Calimano also reported on issues associated with the ICAP market in New England.

Mr. Calimano reported that the Open Scheduling System ("OSS") was deployed yesterday. There were some issues with upload/download templates, which have been resolved. He added that because of some problems with Astoria load pocket modeling in the new SCD model the generation shift factors were incorrect. This will likely result in price corrections for hours 12-20 on April 13.

Mr. Calimano was asked to compare uplift between ISOs. Mr. Calimano responded that a comparison can't be made between ISOs because of differing market rules. Jim Savitt added that FERC is interested in doing comparisons across ISOs, though none have been performed to date.

#### **4. Update on Seams and Market Improvement Projects**

Dave Lawrence reported on projects that will be completed this quarter. Trading hubs have been established in all three northeast ISOs. Because existing NY zones will provide for sufficient hub capability no additional work was needed.

Mr. Lawrence stated that OSS was deployed on April 13<sup>th</sup>. The first update to OSS will address ramp data from PJM and should occur in approximately 1 month.

The Evaluation of the 7040 transfer limits will occur in June, and is currently under review by the Operations Task Force. He reported that discussions regarding rate pancaking have begun with Transmission Owners "TOs" and regulator representatives and the NYISO intends to have a proposal by the end of the year; and also that discussions have begun with New England to address Regional Dispatch coordination. The ISO will try to schedule a meeting with Market Structures Working Group ("MSWG") and New England committee members in May.

Mr. Lawrence stated that the NYISO has had discussions with all northeast region ISOs and that the NYISO would provide an update on progress with PJM in the next seams update.

Mr. Lawrence reported that Scarcity Pricing implementation is underway. ISO New England is considering implementing a similar program this summer.

Mr. Lawrence stated that an RFP has been issued for development of a Central Regional Resource Adequacy Market. Responses for the RFP are due April 30. A decision will be made by May 25<sup>th</sup>.

Mr. Lawrence reported that a quarterly meeting was held on March 28<sup>th</sup> between Northeast ISO staff and stakeholder chairperson representatives. The purpose of this meeting was to discuss general seams issues and update the seams list including: Controllable line scheduling, Multiple Proxy Buses for free flowing interfaces, and Differing ramp rules between control areas. He confirmed that the Cross Sound cable project is scheduled for implementation in mid-2004.

## **5. Proposal to amend Rate Schedule 4 Re LI BPCG:**

Jim Savitt made a presentation explaining the compliance filing that will allocate Bid Production Cost Guarantee ("BPCG") costs to Long Island ("LI") when LI reserve constraints caused units to be committed, and when the commitment caused the impact threshold to be exceeded instead of allocating the cost to the entire state. Dr. Savitt stated that a LECG analysis concluded that LI units had never crossed MMU conduct and impact thresholds.

The filing will delete the following sentence in the Services Tariff Sch. 4, p. 298 and 303A:

*“On any day that Long Island reserve constraints are binding, the NYISO shall allocate to Long Island customers the net incremental bid production cost guarantee charges for Long Island units that have been committed for either Energy or Operating Reserves, if it is determined that a Long Island Reserve constraint caused those units to be committed, and the commitment of those units resulted in an increase in bid production cost guarantee payments by an amount equal to or greater than the threshold for market power mitigation of guarantee payments specified in Section 3.2.1(2) of Attachment H to this Services Tariff.”*

Mollie Lampi stated that the proposal is to strike existing language and should not affect other tariff language.

**Motion #3:**

**Motion to amend Rate Schedule 4 Re LI BPCG:**

Motion to approve modifications to the Market Services Tariff, Rate Schedule 4,

WHEREAS, the issue of whether the NYISO must allocate costs for BPCG locally to Long Island load regardless of the triggering of market mitigation thresholds is currently pending before FERC in docket # ER00-3591-010.

NOW THEREFORE, the Management Committee supports removing the provisions allocating the cost of certain Bid Production Cost Guarantee payments to Long Island load under certain conditions as not warranted as a market power mitigation measure in light of the standards set forth under the Market Mitigation Measures for mitigation of Bid Production Cost Guarantee payments, Minimum Generation and Start-Up Bids. This motion is without prejudice to the parties' position in docket # ER00-3591-010 and shall not in any way diminish the requirements resulting from FERC action in that docket.

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

**6. Motion Re: Day-Ahead Demand Response Credit and Penalty Policy**

Dave Lawrence presented a proposal for credit requirements for Day Ahead Demand Response Program (“DADRP”) providers and used scenarios which depict what collateral requirements would be.

The second piece of the motion addresses the penalty for participants that don't deliver pledged energy in real time (“RT”). The penalty for these cases will be MWs times the greater of DAM or RT LBMP.

In response to a question by Howard Fromer, of PSEG, Mr. Lawrence responded that the ISO will monitor for repetitive behavior and MMU can respond as needed.

Ms. Lampi stated that tariff language has not been developed yet, but will be reviewed by the tariff review committee and Mr. Brown added that this tariff language would be

submitted to the Scheduling and Pricing ("S&P") and Price Responsive working groups for review.

**Motion #4:**

**Motion Re: Day-Ahead Demand Response Credit and Penalty Policy**

WHEREAS, the Business Issues Committee approved the following changes regarding the Day-Ahead Demand Response Program (DADRP) at its meetings on March 11, 2003, and April 2, 2003.

NOW, THEREFORE, be it hereby resolved that the Management Committee approves the Day-Ahead Demand Response Credit Policy, as presented at the April 14, 2003 Management Committee meeting, subject to FERC approval of pending credit related tariff changes. Be it further

RESOLVED, that this DADRP Credit Policy will be reviewed by the Scheduling and Pricing Working Group subsequent to the Summer 2003 capability period and appropriate changes recommended to the NYISO. Be it further

RESOLVED, that the Management Committee approves a modification to the Day-Ahead Demand Response Program penalty charged to Demand Reduction Providers when actual demand reductions are less than scheduled reductions. The current penalty multiplier of 1.1 would be eliminated. The Demand Response Provider will be required to pay a demand reduction imbalance charge equal to the product of:

- (i) the higher of the Day-Ahead LBMP or the Real-Time LBMP calculated for that hour for the applicable Demand Reduction bus, and
- (ii) the difference between the scheduled Demand Reduction and the actual Demand Reduction at that bus in that hour. Be it further

RESOLVED, that the Management Committee approves the change regarding Day-Ahead Demand Response Program penalties, as described above, and approves appropriate tariff changes to be filed no later than 30 days following the Management Committee vote. Be it further

RESOLVED, that the Management Committee requests that NYISO staff investigate the feasibility and advisability of implementing a dead band around the scheduled demand reduction so that, within the dead band, the demand reduction imbalance charge will not apply; and that staff report back on this to the Price Responsive Load Working Group within 60 days. Any implementation would be subject to Business Issues Committee approval.

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

## **7. Motion Re: Proposed Revisions to Filed Demand Curve Tariff**

Mayer Sasson, of ConEd, gave a presentation on proposed revisions to the demand curve filing. He is concerned about unintended consequences with the original motion passed.

Specifically, Mr. Sasson is concerned that there will be insufficient time for MMU to evaluate and respond to Suppliers that financially withhold capacity from the Demand Curve auction, when the auction clears below the minimum. These Suppliers could be rewarded with higher than DC prices when market clears below minimum requirements.

Jim D'Andrea stated that he thought that this type of issue should be addressed at a later date, rather than today.

Dr. Savitt stated that this proposal was not intended to result in a bid limitation, but rather as a protection against potential withholding.

### **Motion #5:**

#### **Motion Re: Proposed Revisions to Filed Demand Curve Tariff**

Whereas, a Management Committee Member's vote in favor of this motion does not indicate that the member supports the Demand Curve, and each member reserves the right to protest the Demand Curve and to pursue all legal rights to oppose it and similarly if a member votes against this motion the member is not necessarily against the Demand Curve; now therefore;

Moved that the Management Committee ("MC") hereby approve revisions to the appropriate sections of the NYISO tariff necessary to conform it to the presentation made at the April 14, 2003 MC meeting. These revisions clarify the applicable rules under the Demand Curve that will be applied to any deficient LSE, and to any Installed Capacity Supplier with a shortfall, when the results of the Spot Market Auction do not meet the NYCA Minimum Installed Capacity Requirements or its Locational Minimum Installed Requirements. Prior to filing, tariff language to be reviewed by the Installed Capacity WG and reviewed and approved by the Chairs and Vice Chairs of the Management Committee and Business Issues Committee.

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

## **8. Summary of Recommendations from the Budgets Standards and Performance Committee**

Mr. Parmelee, of LIPA, discussed the allocation of excess and shortfalls in funds and stated that the BS&P has discussed and has come up with a recommendation. Excess payments will be made in a single lump sum. The \$3M surplus of 2001 will be reallocated to load share of 2001 payments.

For 2002, the Jan - May revenue shortfall was \$3.2 million. This will be allocated to Load in proportion of Jan-May Schedule 1 payments. The Jun – Dec revenue surplus was \$1.8 million. This will be allocated to Load and Supply in proportion to Jun-Dec Schedule 1 payments.

The estimated budget surplus for 2002 is \$2.8 million. This will be allocated 5/12 to Load in proportion to Jan-May Schedule 1, and 7/12 to Load and Supply in proportion to Jun-Dec Schedule 1 payments.

Mr. Kinney, of NYSEG, recommended that the surplus allocations be made in a single lump sum. Mr. Butterklee, of ConEd, would like to see some fees paid per capita rather than by a per MW basis.

Mr. Parmelee gave an example that a \$1.4 million shortfall translates to a \$.0009 per MWh.

Randy Bowers stated that there would be a problem with refunding money before a true-up occurs. If this occurred, the ISO may owe refunds, but have no “pot” to get money from.

Mr. Parmelee stated that it was possible that there could be a budgetary solution that may eliminate the need for fluctuating prices.

Garry Brown responded that there should be a meeting to discuss this issue further.

Mr. Parmelee stated that there would be a discussion of 2004 employee incentive goals at the May 6<sup>th</sup> BS&P meeting.

## **9. Report on the topics being addressed by the Bylaws Committee and its preliminary schedule for action by the Management Committee**

Neil Butterklee reviewed the process currently used by the Bylaws Subcommittee, which is currently reviewing how to handle appeals to the Management Committee from the Business Issues and Operating Committees. They are also considering whether the requirements and procedures for having Special Management Committee Meetings should be more restrictive.

Mr. Butterklee also reported that the subcommittee was reviewing the terms of the working group and subcommittee chairs, and the procedures for screening, certifying and voting rights of new members.

## **10. New business**

None

**11. Adjourn**

The meeting adjourned at approximately 3:26



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## **MOTIONS FROM THE MEETING**

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# New York Independent System Operator - Committee Membership

## Management Committee - Attendance April 14, 2003 - Consolidated Edison, 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	✓ Jeffrey Gerber	Erin Hogan	Chris Hall	John Spath			
The City of New York	End Use - Gov. Agency/Aggr.	✓ Michael Delaney	Richard Miller	Scott Butler	Jonathan Wallach				
Alcoa/Reynolds Metals Company	End Use - Large Consumer	Robert Loughney	✓ Michael Mager	Craig Carriero					
ATCO Management Co.	End Use - Large Consumer	Peter DiCapua	Scott Petersen	George Diamantopoulos					
IBM Corporation	End Use - Large Consumer	Robert Loughney	✓ Michael Mager	Craig Carriero					
Occidental Chemical Corp.	End Use - Large Consumer	Robert Loughney	✓ Michael Mager	Craig Carriero					
Praxair Inc.	End Use - Large Consumer	Christian Lenci	Robert Loughney	✓ Michael Mager	Craig Carriero				
Xerox Corporation	End Use - Large Consumer	Robert Loughney	✓ Michael Mager	Craig Carriero					
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						
Beth Israel Health Care System	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner			
Building and Realty Institute	End Use - Small Consumer	✓ Herb Rose	Marjorie Ochrach	Ted Lee	Judith Mondre	✓ Tariq Niazi			
Citizens Advisory Panel	End Use - Small Consumer	End Use - Small Consumer	✓ Larry DeWitt						
CNYC Inc. (Council of NY Coop & Condo)	End Use - Small Consumer	✓ Herb Rose	MaryAnn Rothman	Marjorie Ochrach	Ted Lee	Judith Mondre	✓ Tariq Niazi		
Columbia University	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner			
Mount Sinai Medical Center	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner			
New York Energy Buyers Forum	End Use - Small Consumer	✓ Herb Rose	Ted Lee	David Bomke	✓ Tariq Niazi				
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	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner			
Refined Sugars, Inc.	End Use - Small Consumer	John Gebhard	Quintin George	Catherine Luthin	✓ John Dowling	Jennifer Kearney			
NY State Consumer Protection Board	End Use - State Agency	✓ Tariq Niazi	Doug Elfner						
AES NY	Generation Owners	✓ Christopher Wentlent	Rick Santoroski	Charles Sjoberg					
American National Power, Inc.	Generation Owners	Dorothy Capra	Bill Henson						
Astoria Energy LLC	Generation Owners	✓ Greg Banhazl	Leonard Singer						
Calpine	Generation Owners	Thomas Kaslow	✓ Tracee Bersani	✓ Richard Felak					✓ T. Bersoni
East Coast Power	Generation Owners	Gary Keevill	Asavari Alvarez						
Edison Mission Marketing & Trading	Generation Owners	✓ William Roberts	Robert Agnello	Jeffrey Ellis					
Entergy Nuclear Northeast	Generation Owners	✓ Marc Potkin	William Stone	Ron Mackowiak					
Indeck Energy Services	Generation Owners	✓ Mike Ferguson	John Schrage	✓ Mark Younger					
KeySpan Ravenswood, LLC	Generation Owners	James Brennan	Rich Hohlmam	Dick Ackerson	✓ James D'Andrea	✓ Terrence Kain	Ron Lukas		✓ M. Fabric
Mirant New York, Inc.	Generation Owners	Susann Felton	✓ Doreen Saia	Vicki Lynch					
Orion Power New York	Generation Owners	✓ John Reese	Bruce Bleiweis						
PG&E Generating	Generation Owners	Dan Dubois	Dan Whyte						
Sithe Energies, Inc.	Generation Owners	✓ Garry Brown	David Applebaum						
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					
Aquila Energy Marketing Corp.	Other Suppliers	Jerry Coffey	Peter Brown	David Wiesner	✓ Pamela VanHorn	Richard Mooney	Susan Chamberlin		
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	Steve Fernands					✓ Sara ONeal
Constellation Power Source	Other Suppliers	✓ Daniel Allegretti	Harvey Reed	✓ Glen McCartney	Mary Lynch	Carrie CullenHitt			
Coral Power, LLC	Other Suppliers	Matt Picardi	Marc Overdyk	Dave French					
Dominion Energy Marketing, Inc.	Other Suppliers	✓ Michael Bekker	Lou Oberski						✓ H Adams
Duke Energy North America, LLC	Other Suppliers	Stacy Dimou	Del Disher						
Dynergy	Other Suppliers	✓ Alan Foster	Jason Cox	Chris Moser	Tom May	Steve Vavrik			
ECONergy	Other Suppliers	Saul Horowitz	✓ Tom Halleran						
El Paso Merchant Energy	Other Suppliers	Gary Keevill	Asavari Alvarez	✓ Russel Like					
Exelon Generation - Power Team	Other Suppliers	✓ Linda Clarke	Linda Clarke	David Applebaum	Regina Carrado	Eric Olson			
Fortistar/Lockport Energy Associates, L.P.	Other Suppliers	Roger Kelley	Tom Gesicki	✓ Mark Younger	✓ Glenn Haake				
FPL Energy	Other Suppliers	Roberto Denis	Fernando DaSilva						
HQ Energy Services	Other Suppliers	Benoit Goyette	✓ Benoit Goyette	Paul Norris	Joel Zipp	Gunnar Birgisson			
KeySpan Energy Services	Other Suppliers	Ron Lukas	Ruben Brown	✓ Peter Chamberlain	John Smith				
Mirabito Gas & Electric, Inc.	Other Suppliers	Russ Southard	✓ Jim Scheiderich						
Morgan Stanley Capital Group	Other Suppliers	Karen Kochonies	Patrick Murray	Levon Kazarian	✓ Doron Ezickson	Nikolai Markarian			
NRG Power Marketing	Other Suppliers	Joe DeVito	✓ Charles Knight	✓ Peter Chamberlain					
NU / Select Energy	Other Suppliers	Gunnar Jorgensen	✓ Jim Scheiderich						
Ontario Power Generation Inc.	Other Suppliers	✓ Barry Green	Tasos Karatsoreos	Ken Lacivita					

# New York Independent System Operator - Committee Membership

## Management Committee - Attendance April 14, 2003 - Consolidated Edison, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
PP&L Energy Plus	Other Suppliers	John Brodbeck		Roger Dolan					
PSEG Energy Resources & Trade	Other Suppliers	✓ Howard Fromer	Michael LaFalce						
Reliant Energy Services, Inc.	Other Suppliers	Bruce Bleiweis	✓ John Reese						
Sempra Energy Trading	Other Suppliers	✓ Tom Halleran	Dan Staines	✓ Russel Like	Mally Becker	Bob Chilton			
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						
Transalta (formerly MEGA)	Other Suppliers	Bob Sadowsky	Julbran Whalan						
TransEnergie U.S. Ltd.	Other Suppliers	José Rotger	Michael Jacobs						
Williams Energy Marketing & Trading Co.	Other Suppliers	David Singer	Dennis Keener						
Long Island Power Authority	Public Power - Authorities	✓ Jim Parmelee	Bill Killgoar	Seth Hulkower	✓ Kevin Jones				
New York Power Authority	Public Power - Authorities	✓ Robert Hiney	✓ William Palazzo	✓ Kim Byham					
American Wind Energy Association	Public Power - Environmental	David Wooley	✓ Larry DeWitt						
Environmental Advocates	Public Power - Environmental	Anne Reynolds	✓ Larry DeWitt						
Nat'l Resources Defense Council	Public Power - Environmental	Dale Bryk	✓ Larry DeWitt						
Pace University	Public Power - Environmental	Edward Smeloff	✓ Larry DeWitt						
Scenic Hudson	Public Power - Environmental	✓ Larry DeWitt							
Bath Electric, Gas & Water Systems	Public Power - Munis & Co-ops	✓ Paul Pallas	Matthew Benesh	Jim Hamilton	Jack Brown	Ken Moore		✓ Tom Rudebusch	
City of Jamestown Board of Pub. Util.	Public Power - Munis & Co-ops	Michael Darroch	David Gustafson	Wally Haase	✓ Tom Rudebusch				
Plattsburgh Municipal Lighting Dept.	Public Power - Munis & Co-ops	Jack Brown	✓ Paul Pallas	✓ Tom Rudebusch					
Village of Fairport	Public Power - Munis & Co-ops	Ken Moore	✓ Tom Rudebusch	✓ Paul Pallas					
Village of Freeport	Public Power - Munis & Co-ops	Hubert Bianco	Anthony Fiore						
Village of Rockville Centre	Public Power - Munis & Co-ops	✓ Paul Pallas	Jim Hamilton	Jack Brown	Ken Moore	Matthew Benesh		✓ Tom Rudebusch	
Village of Westfield	Public Power - Munis & Co-ops	Jim Hamilton	✓ Paul Pallas	Matthew Benesh	Jack Brown	Ken Moore		✓ Tom Rudebusch	
Central Hudson Gas & Electric	Transmission Owners	Charles Freni	✓ John Watzka						
Consolidated Edison	Transmission Owners	✓ Joe Oates	✓ Terry Agriss	✓ Neil Butterklee					
National Grid	Transmission Owners	✓ Jerry Ancona	Wes Yeomans	Peter Flynn	Herb Schrayshuen	✓ Bart Franey			✓ M. Sasson, N. Mah
NY State Electric Gas (NYSEG)	Transmission Owners	Hank Masti	Denis Wickham	Clifton Olson	Laurie King-Pirchner	✓ Ray Kinney			✓ Rosenquist, Lewis, Paravalos
Orange & Rockland, Inc.	Transmission Owners	None Assigned							✓ Jeremko, Caletka, Reed
Rochester Gas & Electric	Transmission Owners	Clifton Olson	Laurie King-Pirchner						
Aaron Breidenbaugh	Non-voting	Aaron Breidenbaugh							
Caitness Energy, L.L.C	Non-voting	Ross Ain	Jack Feinstein						
Cianbro Corporation	Non-voting	Chuck Hewett	John Tompkins						
Customized Energy Solutions	Non-voting	Stephen Fernands	Bill Schofield						
Energetix, Inc.	Non-voting	Barney Farnsworth							
Hudson River Energy Group	Non-voting	Frank Radigan							
Hydro-Quebec TransEnergie	Non-voting	✓ Glenn Sylvain	Mario Boucher						
NYS Department of Public Service	Non-voting	Penny Rubin	Rajendra Addepalli						
The Structure Group	Non-voting	Bob Furry	Jim Krajecki						
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:

- ✓ Kathy Whitaker NYISO
- ✓ Mollie Lampi NYISO
- ✓ Dave Lawrence NYISO
- ✓ Mike Calimano NYISO
- ✓ Elaine Robinson NYISO
- ✓ Kristen Kranz NYISO
- ✓ Leigh Bullock NYISO
- ✓ Ray Stalter NYISO
- ✓ Jim Savitt NYISO
- ✓ Frank Francis NYISO
- ✓ Brad Kranz NYISO
- ✓ Bob Rickets NYISO
- ✓ Jane Lathrop NYISO
- ✓ Ernie Cardone NYISO
- ✓ Cheri DeLarosa NYISO
- ✓ Belinda Thornton NYISO
- Andrew Hartshorn NYISO/LECG

### Key:

- ✓ = In attendance