

NYISO Business Issues Committee Meeting Minutes -- DRAFT

Wednesday, March 17, 2004

NYS Nurses Association, Latham, NY

1. Welcome & Meeting Objectives

Wes Yeomans, Chair of Business Issues Committee (BIC) called the meeting to order at 10:00 AM and welcomed the members of BIC. Attendees introduced themselves, naming the organizations they represent.

2. Approval of February minutes Ray Stalter, NYISO

Final drafts of the minutes from February 18 were distributed to BIC members before the meeting.

Motion #1:

Motion to approve the Minutes from the February 18, 2004 BIC meeting.

(Motion passed unanimously by show of hands)

3. Chair's Report

Mr. Yeomans had no report. Mr. Stalter of the NYISO announced that the SMD Technical conference would be held on March 31st. SMD user training will take place on May 4, 6, 13, 17 and June 2. Billing training will take place on May 18th. Mr. Stalter also announced that a meeting to discuss Black Start issues in Con Ed's service territory was scheduled for March 30th.

4. Market Operations Report

Chuck King of the NYISO presented the Market Operations report. Mr. King noted that prices moderated somewhat during February, due to warmer temperatures and lower natural gas prices (a 43% decrease from January). Ancillary Services prices and hours reserved/price intervals corrected both decreased to within historic low levels. CPS 2 performance for the month was excellent. Mr. King noted that average prices were lower this February than last February.

Mr. King then discussed SMD progress. High Severity Defects have been reduced dramatically, and the backlog has been eliminated. Mr. King reviewed the project schedule with BIC, as well as the market trials schedule. Mr. King then discussed the SMD Marketplace Readiness Program, the purpose of which is to decrease deployment-related issues, by ensuring that market participants take full advantage of the training available before the SMD "go-live." More information will be made available at the SMD technical conference.

Mr. Yeomans inquired which MP staff should attend the upcoming technical conference. Mr. Stalter noted that the conference is aimed at hands-on users. Elaine Robinson stated that additional conferences would be held if needed to assist MPs in getting ready for the SMD go-live.

5. Regional Market Enhancements

Mr. King then moved on to present the Regional Market Enhancements report. Ken Laughlin of PJM and David LaPlante of ISO-NE participated by phone.

Mr. King announced that the next joint seams task force meeting will take place on April 8th in NYC. Work continues on Facilitated Check Out between ISO-NE and NYISO, with an anticipated deployment in April. Work continues with other ISOs and the Price Responsive Load Working Group to re-vamp DADRP and align approaches with neighboring ISOs.

Regarding the Regional Resource Adequacy Model, the final NERA report has been received and its recommendations are being reviewed by each ISO to see how best to incorporate those recommendations.

Discussion continues among TOs and regulators concerning the elimination of rate pancaking. The present focus is between NY and NE, with the goal to submit a filing with FERC this year to eliminate these charges. Dave Laplante noted that ISO-NE is awaiting FERC's ruling on its recent RTO filing before responding to market participant questions regarding rate pancaking.

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A stakeholder meeting is tentatively scheduled for sometime in April concerning Virtual Regional Dispatch. The group is awaiting FERC's decision on the ISO-NE RTO filing, which discusses Virtual Regional Dispatch.

The Cross Sound Cable (CSC) effort consists of two projects: the "end state project" (adding proxy buses on boundaries to represent controllable tie lines, targeted for Summer 2005) and the "interim solution", designed to allow CSC transactions by Summer 2004. At the last the Management Committee meeting, a motion was passed to proceed with a third party scheduling administrator to aggregate CSC users. The NYISO board approved a Section 205 filing on this issue.

Kevin Jones of LIPA inquired about the status of the end state project. Mr. King indicated that NYISO staff has begun working on the project. Mr. Jones asked about the status of the controllable lines project. Mr. King replied that the CSC functionality is intended to be generic and apply to any controllable ties, current and future.

NYISO is working with PJM and OATI to enable NYISO to update E-tags as transactions change. The first phase of the effort is to align with other control areas; Phase II will add functionality to provide MPs with more options. Phase 1 is scheduled for April deployment.

ISO-NE Phase II HVDC Evaluation: This project is reevaluating the limits and ratings on Sandy Pond, and the potential effect on voltage in NYISO and PJM. The study will only evaluate operational issues.

External Reserve Supply: LIPA asked NYISO investigate selling reserves between the two markets. Mr. King noted that business cases should be provided along with project requests, to enable the NYISO to evaluate market improvement projects alongside seams projects, and determine the added value to the market.

Ken Laughlin of PJM reported that PJM is continuing to integrate other areas into its market, such as ComEd and AEP.

Mr. King then reviewed the process for seams coordination. A number of agreements are in place between the control areas, and several multi-area stakeholder groups exist to work on seams projects. The process will involve stakeholder involvement through individual working groups and task forces, and dissemination of progress through quarterly seams activity reports. Participation thus far has been limited, and the ISO will invite more participation from sector representatives. Kevin Jones, LIPA, volunteered to serve as the representative for his sector.

6. Presentation - Adequacy of Natural Gas Resources for Electric Generation in New York

Andrew Bachert of the NYISO presented details on a joint fact-finding study of the natural gas resources in New York State, and the relationship to electric generation. The study is being conducted by NYISO, NYSERDA, NYSRC and PSC. The primary objective of the study is to better understand:

- The interstate and local gas pipeline infrastructure that is necessary to reliably deliver gas for power generation in the short and long term
- Generators' contracting arrangements for interstate and local gas transportation and delivery
- The oil infrastructure used to supply dual fuel generators, and the relationship between the natural gas systems and oil delivery systems.

Mr. Bachert presented the draft scope of work, and requested market participant feedback.

Doreen Saia of Couch, White asked if gas facilities in ISO-NE and PJM areas and their impact on NY would be studied. Mr. Bachert indicated that it would. He added that the primary focus of the study is on winter gas peak periods, as the system is stretched during these times due to heating demand.

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Mr. Haake noted that the question had been raised about changing bids in RT from DAM to reflect scarcity in the gas market, and requested information from NYISO about how it will be involved in resolving some issues that exist.

7. Proposed Revisions to the Ancillary Services Manual

Ray Stalter of the NYISO presented proposed revisions to the Ancillary Services Manual. These changes have been approved by SOAS and discussed at S&P.

Motion #2:

Motion to approve modifications to the NYISO Ancillary Services Manual as presented to the Business Issues Committee on March 17, 2004.

(Motion passed unanimously by show of hands with abstentions)

8. Proposed Revisions to the Emergency Demand Response Program Manual and Installed Capacity Manual

Dave Lawrence of NYISO presented the proposed manual changes for EDRP and ICAP. The issues being addressed in the changes arose out of the internal NYISO audit process. These changes have been discussed at PRLWG and ICAPWG and approved. Most of the changes are administrative. One significant change that was discussed was a proposal to enable "behind the fence" generation to participate in the ICAP market in excess of host facility's load. Payment structure is the same up to the host load level. Excess energy is paid at LBMP only. ~~The total amount of these units would be at most 40MW.~~ LIPA requested that the minutes note that the EDRP and SCR changes being voted on were the ones that were circulated to BIC members on 3/3/04

Some of the revisions correct errors that appeared in the ICAP Manual.

Motion #3:

The Business Issues Committee hereby approves, as presented to the BIC on March 17, 2004, proposed modifications to the Installed Capacity Manual and Emergency Demand Response Manual.

(Motion passed unanimously by show of hands with abstentions)

9. Proposed Revised TCC Auction Rules

Greg Williams, NYISO, presented proposed changes to the Transmission Service manual as well as the TCC Auction Rules.

Mr. Williams noted that the assessment of charges to Transmission Owners for modeling transmission facilities as out of service in the TCC auctions was resulting in inconsistent market responses. The result is that Transmission Owners are canceling longer-term scheduled transmission facility outages to avoid these charges. These actions in turn reduce transparency in the TCC market and increase the uncertainty faced by market participants.

Presently, TOs could purchase counter-flow TCCs to mitigate their exposure to these charges, but TOs believe that FERC could find this behavior inappropriate.

In practice, TOs could submit small negative dollar value bids for counterflow TCCs. These counterflow TCCs would likely be awarded, and would set the market-clearing price for TCCs. Certain TOs believe that FERC would view this behavior as market manipulation.

The proposed solution is to allow TOs to opt out of the requirement to model a transmission outage in the monthly TCC auction that has a posted scheduled outage for a majority (>50%) of the effective period of the TCCs being sold in the auction. If a TO opts out of this requirement, then the TO will be assessed congestion shortfall charges in the DAM when the transmission facility is modeled as out-of-service in the DAM. The TO must designate in writing to the NYISO which posted transmission facility outages will be modeled as in-service in the auction. Prior to the auction, the NYISO would post the modeling option chosen by the TO for each transmission facility outage that has a posted scheduled outage for a majority (>50%) of the effective period of the TCCs being sold in the auction.

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The benefits of these changes are that Transmission Owners will be encouraged to continue to provide longer-term outage schedules in advance of the outage dates. In addition, the changes will increase transparency in the TCC market and reduce the uncertainty faced by Market Participants, and will provide the Transmission Owners with a mechanism to potentially mitigate their exposure to TCC auction revenue shortfall costs due to scheduled outage modeling assumptions. TOs would choose how the NYISO should represent the transmission outage. The outage costs would be faced in the DAM, and in the TCC auction itself.

Mr. Williams then reviewed the proposed changes to the Transmission Services manual.

Mr. Scheiderich asked that the NYISO clarify the rule changes that describe the 3 and 5 business day requirements, stating that the auction begins at 8am on the business day that bids are accepted, and that the 3 and 5 business day counts begin from that point.

Mr. Williams replied that the start of the auction is considered to be the day that bids are accepted. TO letters can be submitted in advance, but the final determination should be made in the 2 day window (5 bus days – 3 bus days).

The NYISO will determine the particular time that will be the point for counting back the limits for TO's submitting the letters taking facilities out of service, and insert this in the minutes.

Motion #4:

The Business Issues Committee has reviewed proposed changes to the TCC auction rules and Transmission Services Manual that would permit a Transmission Owner to designate a facility as being "in-service" for TCC auction purposes when that facility has otherwise been scheduled out-of-service pursuant to the outage scheduling manual for a majority (>50%) of the effective period of the TCCs being sold in a 6-month sub-auction or monthly reconfiguration auction. Sections 9.8 & 9.9 will be revised to reflect timing needs as outlined in the minutes. The Business Issues Committee also recognizes that some Market Participants have agreed to support this motion due to the Transmission Owners' commitment and willingness to work with all interested parties to investigate improvements or revisions to the outage scheduling and cancellation rules.

Based on the foregoing, the Business Issues Committee:

- (i) Approves the changes set forth in the March 17th presentation and supplemented by the changes noted in the minutes; and
- (ii) Requests NYISO staff to work with market participants to investigate, and where appropriate develop more detailed and clearly defined transmission outage scheduling and cancellation rules that will be brought to the BIC and OC for discussion and action by July, 2004.

(Motion passed unanimously show of hands with abstentions)

10. Working Group Updates

A. Billing and Accounting (Chair: Kevin Kipers): The next BAWG meeting was moved to March 30th. At the last meeting, these issues were discussed:

- Grandfathered rights – NYISO discovered an error with a small number of grandfathered rights, with the owners receiving congestion payments in error. The NYISO will correct this error before the November 1999 Final Bill Challenges are generated.
- Meter Data Task Force turned over proposed changes to the Control Center Requirements Manual to the CDAS working group
- Final Bill challenges for November 1999 – Data will be posted on April 7, and final invoices will go out in early May.
- DSS Task Force plans to retire the NYISO's publication of .csv files by September.
- Congestion shortfall calculations are presently being processed manually. NYISO staff gave an update of the implementation plan to automate these calculations.

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Gerald Deaver of NYISO reported that FERC is encouraging all ISO's to develop a process to enable MPs to download their settlement information automatically into the FERC's Electronic Quarterly Reporting format. While market participants in other RTO/ISOs (for example, ISO_NE) will formally request that their ISOs create projects to accomplish this, the NYISO will explore whether the recently implemented DSS may provide a tool for settlement information to be downloaded into the EQR formats.

B. Electric System Planning (Joint OC/BIC WG) (Chair: William Palazzo): Work on the planning processes continues. NYISO staff noted that they had not received input from all market participants concerning the initial planning process. The Northeastern ISO/RTO Planning Coordination Protocol was reviewed and comments were provided.

- PowerGem reported on meetings with NYISO Operations staff concerning PROBE, and noted that differences between SCUC and PROBE have been reduced. A report on historical congestion will be produced.
- Comprehensive planning process: the group continued to discuss cost allocation and recovery issues, and reviewed a Phase II reliability process drafted by NYISO. Market participants were asked to make comments.

C. Installed Capacity (Chair: Howard Fromer): No report given.

D. Interconnection Issues Task Force (Glen Haake gave the report): During the development of the Interconnection Compliance Filing a number of Market Participants indicated a desire to examine a deliverability product for NY. In the filing letter to FERC, the NYISO stated that it would conduct an analysis of the impact of a deliverability requirement for New York, including cost allocation and grandfathering issues, within 6 months of the filing. The IITF was tasked to steer the NYISO study; scope and objectives were defined at its initial meeting on March 11. Several stakeholders questioned the need to change current NYISO practice, given the locational requirements in New York City and on Long Island, citing concerns over potential bottled generation. The NYISO will draft and distribute a straw proposal within the next few weeks, at which time another meeting will be convened to discuss it.

E. Market Structure/S&P Meeting (Chair: Jim Scheiderich): All issues discussed at the last MSWG were on the BIC agenda. Ray Kinney, Chair of S&P added that a new filing on credit policy is forthcoming. Discussions are starting concerning a FERC order on self-supplying operating reserves.

F. Price Responsive Load (Chair: Bob Loughney): EDRP manual changes were discussed earlier at the BIC meeting. The major issue for the next meeting is discussing changes to DADRP.

11. New Business None

12. Administrative Matters None

Meeting was adjourned at 2:14 pm

Respectfully Submitted,

James Considine
Acting Recording BIC Secretary

NYISO Business Issues Committee

March 17, 2004

The New York State Nurses Association

MOTIONS FROM THE MEETING

Motion #1:

Motion to approve the Minutes from the February 18, 2004 BIC meeting.

(Motion passed unanimously by show of hands)

Motion #2:

Motion to approve modifications to the NYISO Ancillary Services Manual as presented to the Business Issues Committee on March 17, 2004, as described below.

(Motion passed unanimously by show of hands with abstentions)

Motion #3:

The Business Issues Committee hereby approves, as presented to the BIC on March 17, 2004, proposed modifications to the Installed Capacity Manual and Emergency Demand Response Manual.

(Motion passed unanimously by show of hands with abstentions)

Motion #4:

The Business Issues Committee has reviewed proposed changes to the TCC auction rules and Transmission Services Manual that would permit a Transmission Owner to designate a facility as being "in-service" for TCC auction purposes when that facility has otherwise been scheduled out-of-service pursuant to the outage scheduling manual for a majority (>50%) of the effective period of the TCCs being sold in a 6-month sub-auction or monthly reconfiguration auction. Sections 9.8 & 9.9 will be revised to reflect timing needs as outlined in the minutes. The Business Issues Committee also recognizes that some Market Participants have agreed to support this motion due to the Transmission Owners' commitment and willingness to work with all interested parties to investigate improvements or revisions to the outage scheduling and cancellation rules. Based on the foregoing, the Business Issues Committee:

- (i) approves the changes set forth in the March 17th presentation and supplemented by the changes noted in the minutes; and
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(Motion passed unanimously by show of hands with abstentions)

New York Independent System Operator - Committee Membership

Business Issues Committee - Attendance March 17, 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.	✓ David Coup	Paul DeCotis	Chris Hall	Erin Hogan	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						
ATCO Management Co.	End Use - Large Consumer	Peter DiCapua	Scott Petersen	George Diamantopoulos					
IBM Corporation	End Use - Large Consumer	✓ Robert Loughney	Michael Mager						
Occidental Chemical Corp.	End Use - Large Consumer	✓ Robert Loughney	Michael Mager						
Praxair Inc.	End Use - Large Consumer	✓ Robert Loughney	Michael Mager						
Xerox Corporation	End Use - Large Consumer	✓ Robert Loughney	Michael Mager						
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	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	✓ 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	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	Doug Roll	Charles Sjoberg	✓ Christopher Wentlent					
American National Power, Inc.	Generation Owners	Dorothy Capra	Bill Henson						
Astoria Energy LLC	Generation Owners	Greg Banhazl	Leonard Singer						
Calpine	Generation Owners	None Assigned	Thomas Kaslow	Richard Felak					
East Coast Power Linden Holding LLC	Generation Owners	✓ Roy Shanker	Thomas Hoatson	Robert Licato	Kathy Benini				
Edison Mission Marketing & Trading	Generation Owners	✓ William Roberts	Robert Agnello	Jeffrey Ellis	Peter Brown	Rich Mooney	Pam Van Horn		
Entergy Nuclear Northeast	Generation Owners	Marc Potkin	Angelo Vai	Ron Mackowiak				✓ Glenn Haake	
Indeck Energy Services	Generation Owners	✓ Mike Ferguson	John Schrage	Mark Younger					
KeySpan Ravenswood, LLC	Generation Owners	James Brennan	Rich Hohlman	Joseph Vignola	James D'Andrea	✓ Terrence Kain	Rich Rapp		
Mirant New York, Inc.	Generation Owners	Vicki Lynch	Susann Felton	✓ Doreen Saia					
Orion Power New York	Generation Owners	John Reese	Bruce Bleiweis						
Sithe Energies, Inc.	Generation Owners	✓ David Applebaum	Linda Clarke	Regina Carrado					
TransCanada Power Marketing	Generation Owners	William Taylor	Elaine Beaudry						
1st Rochdale Cooperative NYC	Other Suppliers	Gregory Wortham							✓ Keith O'Neal
Advantage Energy, Inc.	Other Suppliers	Kyle Storie							
Agway Energy Services, Inc.	Other Suppliers	Russell Miller	✓ Jim Scheiderich						
Amerada Hess Corporation	Other Suppliers	Kevin LaGuardia	Blas Hernandez						✓ George Braulke
Cinergy Capital and Trading	Other Suppliers	Jason Barker	Walt Yeager						
Con Edison Energy	Other Suppliers	✓ Stephen Wemple	Ivan Kimball						
Con Edison Solutions	Other Suppliers	✓ Stephen Wemple	Rich Staines						
Connectiv	Other Suppliers	Bill Fehr	John Foreman						
Constellation New Energy Inc.	Other Suppliers	Peter Duprey	Carrie CullenHitt	Steve Fernands	✓ Susan Chamberlain				
Constellation Power Source	Other Suppliers	✓ Glen McCartney	Mary Lynch	Daniel Allegretti					
Coral Power, LLC	Other Suppliers	✓ Matt Picardi	Dave French						
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			
ECONergy	Other Suppliers	Saul Horowitz	Tom Halleran						
EI Paso Merchant Energy	Other Suppliers	Jeff Moore	Asavari Alvarez						
Exelon Generation - Power Team	Other Suppliers	✓ David Applebaum	Linda Clarke	Regina Carrado					
Fortistar/Lockport Energy Associates, L.P.	Other Suppliers	Roger Kelley	Tom Gesicki	✓ Glenn Haake					
FPL Energy	Other Suppliers	Fernando DaSilva	Dan Wheeler						
HQ Energy Services	Other Suppliers	✓ Christian Desilets	Michel Prevost	✓ Paul Norris	Benoit Goyette				
KeySpan Energy Services	Other Suppliers	✓ Terrence Kain	James D'Andrea	Edwin Kichline	James Cross	John Vaughn			
Morgan Stanley Capital Group	Other Suppliers	Patrick Murray	Karen Kochonies	Levon Kazarian	Doron Ezickson				
NRG Power Marketing	Other Suppliers	✓ Tim Foxen	Katie Sullivan	Peter Chamberlain					
NU / Select Energy	Other Suppliers	✓ Jim Scheiderich	Gunnar Jorgensen						
Ontario Power Generation Inc.	Other Suppliers	Tasos Karatsoreos	Jim Mastorakos	Ken Lacivita	Erica Cheung	✓ Scott McArthur	✓ Glenn Haake		✓ Dave Barr

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PP&L Energy Plus	Other Suppliers	Roland Moor	David Yannarell	Jeff Bell	John Brodbeck				
PSEG Energy Resources & Trade	Other Suppliers	Howard Fromer	Michael LaFalce	Bob Logan	Dennis Sobieski				
Reliant Energy Services, Inc.	Other Suppliers	✓ Liam Baker	Bill Berg						
Sempra Energy Trading	Other Suppliers	Dan Staines	Maria Agovino	✓ Scott Englander	Robert Fagan				
Strategic Energy LLC	Other Suppliers	Francis Pullaro	Michael Swider	Jeffrey Knox	James McCormick	Matt Morais			
Strategic Power Management, Inc.	Other Suppliers	Mario DiValentino	Tom Folchi	Dan Duthie					
TransEnergie U.S. Ltd.	Other Suppliers	Michael Jacobs	José Rotger						
Williams Energy Marketing & Trading Co.	Other Suppliers	David Singer	Dennis Keener	Robert O'Connell					
Long Island Power Authority	Public Power - Authorities	James Parmelee	✓ Kevin Jones	Bill Killgoar					
New York Power Authority	Public Power - Authorities	Bob Deasy	✓ Bob Gow	Paul Rougeaux	✓ Kevin Kipers				✓ L. Consiglio, B. Palazz
American Wind Energy Association	Public Power - Environmental	Valerie Strauss	Larry DeWitt	Douglas Ward					
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	Ken Moore	✓ Tim Bush	Matthew Benesh	Jim Hamilton	Paul Pallas	Jack Brown		
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	✓ Tim Bush	Ken Moore					
Village of Fairport	Public Power - Munis & Co-ops	Ken Moore	✓ Tim Bush	Paul Pallas					
Village of Freepport	Public Power - Munis & Co-ops	Anthony Fiore	Ted Kimlingen						
Village of Rockville Centre	Public Power - Munis & Co-ops	Tom Cardile	Ken Moore	Matthew Benesh	Jim Hamilton	Paul Pallas	Jack Brown	✓ Tom Rudebusch	
Village of Westfield	Public Power - Munis & Co-ops	Jim Hamilton	✓ Tim Bush	Ken Moore	Matthew Benesh	Jack Brown	Paul Pallas		
Central Hudson Gas & Electric	Transmission Owners	James Valteau	✓ Thomas Canino	Jeff May	Rick Greener				
Consolidated Edison	Transmission Owners	✓ Stuart Nachmias	Gerry Dunbar						✓ Rebecca Craft
National Grid	Transmission Owners	✓ Bart Franey	✓ Wesley Yeomans	Jerry Ancona					✓ K. Kipers, M. Cadwala
NY State Electric Gas (NYSEG)	Transmission Owners	✓ Ray Kinney	✓ Patti Caletka	Steve Jeremko	Hank Masti				
Orange & Rockland, Inc.	Transmission Owners	None Assigned							
Rochester Gas & Electric	Transmission Owners	✓ Ray Kinney	✓ Patti Caletka	Steve Jeremko	Hank Masti				
Caithness Energy, L.L.C	Non-voting	Ross Ain	Jack Feinstein						
Cianbro Corporation	Non-voting	Ed Krapels	Brian Chernack	Paul Flemming					
Customized Energy Solutions	Non-voting	✓ Rick Mancini	Stephen Fernands	Bill Schofield					
Energetix, Inc.	Non-voting	Barney Farnsworth	Gerald Strassner						
Hudson River Energy Group	Non-voting	Frank Radigan							
Hydro-Quebec TransEnergie	Non-voting	Glenn Sylvain	Mario Boucher						
NYS Department of Public Service	Non-voting	✓ Bill Heinrich	David Drexler						
The Structure Group	Non-voting	Bob Furry							
William P. Short	Non-voting	William Short	Marc Schaefer	Joe DeVito	John Brodbeck	Ron Matlock	Paul Savage	Roberto Denis	
Boundless Energy, L.L.C	Non-voting	Brian Chernack	Chuck Gilbert	Mark Mainetti					
Tom Halleran	Non-voting	Tom Halleran							
Ecogen, L.L.C	Non-voting	Tom Hagner							
zNew Member	Non-voting	None Assigned							
zNew Member	Non-voting	None Assigned							
zNew Member	Non-voting	None Assigned							
zNew Member	Non-voting	None Assigned							

NYISO / Hunton & Williams / and Other Guests in Attendance:

Ira Freilicher	Hunton & Williams
Kathy Robb	Hunton & Williams
James Schmidt	Hunton & Williams
✓ Greg Williams	NYISO
✓ John Charlton	NYISO
✓ Chuck King	NYISO
✓ John Cutting	NYISO
✓ Ernie Cardone	NYISO
✓ Elaine Robinson	NYISO
✓ Kristen Kranz	NYISO
✓ Leigh Bullock	NYISO
✓ Ray Stalter	NYISO

New York Independent System Operator - Committee Membership

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✓ Debbie Eckels	NYISO								
✓ Dave Lawrence	NYISO								
✓ James Considine	NYISO								
✓ Allen Bachert	NYISO								
✓ Gerald Geaver	NYISO								
✓ Kathy Whitaker	NYISO								
✓ Art Desell	NYISO								
✓ Allen Goodman	Committee Guest - ECG Consulting								
✓ Mike Schugiteo	Committee Guest - SESCO Enterprises LLC								
✓ Ken Laughlin	ISO-NE								
✓ Dave LaPlante	ISO-NE								
✓ H. Feibus	Committee Guest								

Key:

✓ = In attendance