

June 10, 2003

NYISO Business Issues Committee Meeting Minutes

NYS Nurses' Association, 11 Cornell Road, Latham, NY 12110

I. Welcome and Meeting Objectives

Larry DeWitt, Chair of the Business Issues Committee (BIC), called the meeting to order at 9:38 A.M. and welcomed the members of the BIC. The attendees introduced themselves and named the companies that they represent.

II. Approval of Minutes

A draft of the May 7, 2003 BIC meeting minutes were distributed to the BIC members prior to the meeting. Jim Parmalee, of LIPA moved the motion to approve the minutes. Tom Canino, of Central Hudson, seconded the motion. By a show of hands, the Committee members approved the April 2, 2003 BIC meeting minutes as amended.

Motion #1:

Motion to approve the minutes from the May 7, 2003 Business Issues Committee Meeting.

(Motion passed unanimously by a show of hands)

III. Chair's Report

Mr. DeWitt's noted a change in the agenda – moving agenda item #12a (BAWG Issues Report) from the afternoon to the morning session. Mr. DeWitt reported that a joint working group of the BIC and OC was being formed to address transmission system planning issues. The first meeting of the working group is scheduled for June 13, 2003. Also noted was an upcoming Reliability Council Meeting to be held on July 11, 2003.

IV. BAWG Issues Report – Status of 12-Month Final Bill Process

Kevin Kipers, Chair of BAWG, reported on the 12-Month Final Bill Process and the current list of open issues associated with it. Mr. Kipers noted that BAWG anticipates a resolution soon on these two items: implementing a NYISO process to monitor uplifts and residuals and a process for responding to questions about AGC. Mr. Kipers added that even though the Web-based Reconciliation Project is behind schedule, there has been a lot of progress.

Mark Younger noted that the manual implementation of the 85/15 split has resulted in more than 15% of the costs distributed to injections, which is inconsistent with the Tariff. Mr. Younger asked when this inconsistency will be corrected. Randy Bowers, of the NYISO, replied that he used ratio share of billing units and that if the BIC wants an adjustment for the future, to let him know but that he isn't able to change what's already been done. Mr. DeWitt

noted that BAWG will address this concern at their next meeting.

V. Market Operations Report

Charles King, of the NYISO, presented highlights of the NYISO's market performance. In his presentation, Mr. King noted that the total price continues to drop from the 1st Quarter levels, regulation and spinning reserve prices have increased due to lower supply, and a problem found with SCD interval corrections rising has been corrected.

Jim Scheiderich, of Select Energy, noted that immediate attention is needed on the CPS results. Mr. King replied that the NYISO is still investigating tariff-related issues and is not yet ready to provide a report to the Committee. Mr. Scheiderich also noted that analysis is needed on the state estimator program that's planned to be implemented with RTS. Mr. King agreed to take an action item back to look into this issue.

Ray Kinney, of NYSEG, asked about plans to track pricing impacts related to the implementation of scarcity pricing. Mr. King responded that the NYISO will track this issue.

Glen McCartney, of Constellation Power Source, asked about the status of the filing on Reserve Scarcity, which had an effective date of June 10th. Mr. King replied that the FERC hasn't ruled yet. He added that the NYISO will deploy the software before getting the order, but it will remain in the "off" position until FERC approval.

VI. Regional Market Enhancements

Mr. King updated the Business Issues Committee on the Northeast Seams Issues. He reported on the May 29th Joint MSWG/ISO New England Market Participants seams meeting, and summarized the current quarter's deliverables, recent initiatives, open issues, and NAESB Seams Efforts.

VII. Project Priority Team (PPT) Report

Timothy Schmehl, of the NYISO, presented the PPT Report to the Business Issues Committee. He summarized the outcome of the PPT's most recent meeting on May 22nd and noted that the team's meeting notes are posted on the NYISO's Website. He stated that no new projects were added and no project priorities were changed. He also noted that little opportunity exists for new projects to be undertaken in the near future due to concentrated efforts on the SMD.

Glen McCartney, of Constellation Power Source, asked about the possible impact if FERC were to approve Scarcity Pricing but not the Shadow Price Adder of project A668. Mr. Schmehl responded that each aspect has individual toggle switches enabling only certain aspects to be activated.

Kevin Jones for LIPA inquired about the Cross Sound Cable and Mr. Schmehl noted that work is being done in SMD to accommodate it.

VIII. NYISO TCC Congestion Reduction Proposal

Mayer Sasson, of Consolidated Edison, led a discussion concerning the TCC Congestion Reduction Proposal. Dr. Sasson noted that this proposal might be moved for a vote after the lunch break.

Howard Fromer, of PSEG, noted that questions were asked at the Market Structures Working Group meeting last week that would put some meaning behind some of the numbers in this proposal. He also stated that it's unclear as to the amount of grandfathered TCCs being addressed by this proposal.

Mr. Scheiderich stated that in Dr. Sasson's example, one can't say that 95% of congestion prices are due to outages, but that this could be due to other factors, such as gas prices, having an affect as well. Dr. Sasson replied that considering transmission is not always available, an increase in gas prices would not have happened.

Mr. Ancona asked how much of the grandfathered TCCs are involved. Dr. Sasson replied that grandfathered TCCs are like any other outstanding TCCs on the market in that grandfathered TCCs are a percentage of the flow of transmission. Mr. Ancona then asked if Dr. Sasson plans to withhold grandfathered TCCs as part of the proposal. Dr. Sasson disagreed and stated that Grandfathered TCCs are a separate topic. Mr. Ancona stated that a full funding mechanism that treats grandfathered rights differently is discriminatory, and won't hold up at FERC.

Wes Yeomans, of National Grid, stated that total congestion shortfall hasn't been fixed in this proposal. Dr. Sasson noted that it's impossible to solve all the problems all the time. Mr. Ancona noted that with respect to the approved congestion reduction proposal, Con Ed's position was that all shortfall problems had to be fixed simultaneously with a thorough comprehensive overall package; what Dr. Sasson was proposing at this time was a piecemeal approach with limited detail provided and numerous unanswered questions.

Mr. Scheiderich asked for clarification as to whether this proposal is on behalf of the NYISO or Consolidated Edison. He also stated that last week two other NYISO proposals existed. He asked if the NYISO is completely supporting this proposal or if an alternative exists. Dr. Sasson replied that he's presenting this proposal – not the NYISO – because the NYISO told him that it's feasible.

Mr. Fromer asked if the NYISO could provide some historical data of the forced outage rate on the transmission system. Gregory Williams, of the NYISO, replied that the NYISO hasn't been filing any statistics on it but that on certain facilities the level of forced outages may be higher than 10%.

Mark Younger noted that enough unknowns exist in this proposal that he'd have to vote against it.

Mr. Scheiderich stated that solutions already exist in another proposal that was created. Mr. Kinney noted that this proposal should probably return to the MSWG for further discussion. Dr. Sasson decided to withdraw the motion. He stated that additional work is needed on establishing the levels within this proposal. Mr. DeWitt agreed that the Committee members seem to have a lot of financial concerns with this proposal.

IX. Motion to Amend the TCC Revenue Shortfall Proposal as Approved by the BIC on May 7, 2003 and the MC on May 14, 2003

Arthur Desell, of the NYISO, presented a motion to amend the TCC Revenue Shortfall Proposal approved by the BIC on May 7, 2003 and the MC on May 14, 2003. Mollie Lampi, of the NYISO, stated that NYPA filed an appeal to action taken at the MC on this issue since it required the owner to bear the costs when the outage was requested by another Transmission Owner. Mr. Desell noted that the NYISO agreed with NYPA's approach to the issue.

Mr. Kinney pointed out that as it stands, the proposal is still unbalanced. Mr. Desell replied that all of the Transmission Owners agreed that this was the best direction.

Robert Gow, of NYPA, made the motion and Jerry Ancona, of National Grid, seconded it.

Mr. Kinney suggested some additional language. Also, instead of setting a definitive date for implementation, the proposal was amended to state that the implementation date has a goal of September 2003. Mr. Loughney noted that Mr. Kinney's amendment seems to suggest a disparity and that further clarification is needed.

The Committee voted by show of hands and passed the motion with six abstentions (PSEG and Aquilla asked to be noted as abstaining for the record).

Motion #2:

Motion to Amend the TCC Revenue Shortfall proposal as approved by the Business Issues Committee on May 7th, 2003, and the Management Committee on May 14th, 2003.

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

X. Proposal Addressing Distribution of the NYCA Meter Inventory

Jim Scheiderich, of Select Energy, presented a proposal to address the NYCA Meter Inventory Database. In his proposal, Mr. Scheiderich presented a list of other possibilities for the BIC to consider. Mr. Scheiderich asked that the minutes reflect his concerns with the Metering Inventory Database being placed on a non-secure Website. Elaine Robinson, of the NYISO, stated that the secure Website should be available in late summer 2003.

Mr. Scheiderich moved the motion and Mr. Kinney seconded it.

Jim Parmalee, of LIPA, requested a friendly amendment to the motion to require this information to be posted on a password protected, secure website. After some discussion, the

motion was modified to reflect Mr. Parmalee's concerns. The Committee voted by show of hands and approved the motion with two abstentions – from Consolidated Edison and Aquilla.

Motion #3:

Motion for BIC re: Meter Inventory and Related Issues

It is moved that:

All meter authorities should provide, at the earliest possible date, the information necessary to complete the Meter Inventory Database (MI DB) and that the MI DB be "published" by the ISO on their website, when a password protected secure website is available. Prior to the availability of a password protected secure website, the meter inventory may be distributed to market participants requesting it.

It is further moved that publishing this MI DB is recognized as an ongoing process to allow Market Participants to gain a clear picture of issues related to sub-zone metering *before* any changes to settlement approaches would be considered.

It is also moved that, after the Market Participants have given due consideration to the MI DB *and* appropriate metering standards, that BIC direct a working group or groups to *potentially* consider alternatives for calculating load related settlements.

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

XI. Propose Changes to Sections 5.14.1 – 5.15 of the ISO Services Tariff Regarding the Supplemental Supply Fee for the ICAP Demand Curve, Replacing Revisions Approved by the MC on April 14, 2003

John Charlton, of the NYISO, presented proposed ICAP Demand Curve Supplemental Supply Fee Tariff Revisions.

Mr. Kinney asked why it's necessary to add in the GT costs now. Mr. Charlton replied that those numbers are what the Demand Curve is based on and that they need to be documented. Bob Loughney, of Couch White, also questioned why the GT costs were included in the Tariff revisions. He stated that he thought we were responding to FERC's decision. Garry Brown, of Sithe, noted that nothing new is being added into the revisions; rather, text has been moved. Howard Fromer, of PSEG, concurred that new information was not added to the revisions and he noted that eventually it will be superceded by any findings from the independent study.

Mr. Kinney requested clarification in the proposal, stating that the numbers in it were used for the first two years. Mr. Fromer offered to change the language in the proposal.

Mr. Fromer asked if the NYISO had any opportunity to talk with the independent market advisor, David Patton, or the Market Monitoring Unit about these proposed changes. Mr. Charlton said no. Ms. Saia asked that the NYISO confer with them before the next MC meeting.

Kathy Robb, of Hunton and Williams, suggested clarifying language to the proposal.

Mayer Sasson, of Consolidated Edison, moved the motion and Michael Delaney, for the City of New York, seconded the motion. By a roll call vote the motion passed with 90.31% affirmative votes.

Motion #4:

- 1) The Business Issues Committee (BIC) hereby requests that the Management Committee approve changes to Sections 5.14.1-5.15 of the ISO Services Tariff necessary to implement a revised supplemental supply fee for the ICAP Demand Curve.

This motion supersedes Motion #3 which passed at the April 2, 2003 BIC meeting and Motion #5 which passed at the April 14, 2003 Management Committee meeting.

(Motion passed with 90.31 % affirmative votes)

Mr. Fromer noted that the actual document that the BIC just voted on supercedes prior revisions made at the MC. Mr. DeWitt conducted a clarifying vote by show of hands asking if the group's vote still applies. The clarified motion passed with one exception.

Motion #4a: (This supercedes Motion #4 and was intended as a clarification of Motion #4)

- 1) The Business Issues Committee (BIC) hereby requests that the Management Committee approve changes to Sections 5.14.1-5.15 of the ISO Services Tariff, as amended at the BIC Meeting, necessary to implement a revised supplemental supply fee for the ICAP Demand Curve.

This motion supersedes Motion #3 which passed at the April 2, 2003 BIC meeting and Motion #5 which passed at the April 14, 2003 Management Committee meeting.

(Motion passed by a majority show of hands)

XII. SMD 2 Project Update

Dick Mills, of the NYISO, presented the SMD 2 Project Update. He reviewed the proposed schedule for the project, noting that it's an aggressive one. He also discussed actions associated with necessary tariff changes, pointed out agenda items for the July BIC and OC meetings (information to be presented on Market Trials, Manuals, and Seminars), and noted that ICCP Data SMD2 Testing will be discussed in June and July during CDAS, SOAS, OC and MC meetings.

XIII. Working Group Updates

A. BAWG (Chair – Kevin Kipers) – In addition to the separate BAWG Issues Report that was presented earlier at the meeting, Mr. Kipers noted prominent items that the WG is facing: the final bill challenge issue, the Control Center Requirements Manual (the Metering Task Force will pass their edits along to BAWG), and the Station Service issue.

B. Market Structure Working Group (Chair - Jim Scheiderich) – The second Regional Virtual Dispatch meeting will take place on June 23rd. He also reported that a series of Working Group meetings have been scheduled to review market rules under SMD2. This review will serve as the basis for tariff language development. Mr. Scheiderich also noted that the black start issue may call for the creation of a new task force. Mr. Stalter asked that volunteers for this new group contact him with their interest.

- C. Scheduling and Pricing Working Group** (Chair - Ray Kinney) – No report was provided.
- D. Price Responsive Load Working Group** (Chair – Bob Loughney) – The WG met most recently May 30th. They plan to hold a conference call June 12th to discuss SMD 2 issues.
- E. ICAP WG** (Chair – Howard Fromer) – Mr. Fromer summarized some of the ICAP WG’s recent efforts and accomplishments. He noted that the Demand Curve Tariff revisions were approved and that the first spot market auction was successfully held. Also, the ICAP WG met to clarify other FERC-raised issues. The date of the WG’s next meeting is to be determined. The group needs to address cap for individual divested generator portfolios. The group talked about regional a regional RAM WG and an RFP to examine long-term forward contract issue.

XIV. New Business

No new business was discussed.

XV. Administrative Matters

The Action Items List is included as part of the BIC meeting material. BIC members were reminded to contact Ray Stalter, of the NYISO, with any Action Item-related inquiries.

XVI. Adjournment

Mr. Dewitt adjourned the meeting at approximately 2:42 P.M.

Respectfully submitted,
Valerie L. Ross
Recording Secretary, Business Issues Committee

Business Issues Committee – Action Item Listing

Number	Action Items	Assigned to
BIC 06.10.03-1	Develop a comparative analysis of the use of the state estimator program in RTS vs. the current process.	R. Pike
BIC 06.10.03-2	Establish a tracking system for pricing impacts associated with the implementation of the Scarcity Pricing Project	C. King

NYISO Business Issues Committee Meeting

June 10, 2003
NYS Nurses Association, Latham, NY

SUMMARY OF MOTIONS

Motion #1:

Motion to approve the minutes from the May 7, 2003 Business Issues Committee Meeting.

(Motion passed unanimously by a show of hands)

Motion #2:

Motion to Amend the TCC Revenue Shortfall proposal as approved by the Business Issues Committee on May 7th, 2003, and the Management Committee on May 14th, 2003, (1) to provide that congestion rent shortfalls caused by transmission facility outages in the Day Ahead Market and in the TCC Reconfiguration and Capability Period auctions, and excesses generated when lines modeled out of service in the TCC auctions are returned to service, will be allocated to the Transmission Owner causing the outages even when the outage is on another Transmission Owner's facility; and (2) to provide that the NYISO facilitate a process among the Transmission Owners to address the issue of parity between the risks and reward associated with such facilities that may cause outages, with a goal of making a presentation of a Federal Power Act Section 205 filing proposal at the September 2003 Management Committee Meeting. Further, implementation of item (2) will in no way impact or act as a precursor to the implementation of item (1).

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

Motion #3:

Motion for BIC re: Meter Inventory and Related Issues

Whereas it has been 32 months since BIC requested BAWG to provide a sub-zone tie meter inventory that includes meter quality information,

Whereas at least one TO is not only willing to share this information but believes it improves participant trust in the load calculations used for settlement and two others are awaiting approval for the release of the data,

Whereas information relative to physical characteristics of meter schemes including but not limited to the meters themselves and related current and potential transformer devices, cannot and must not be considered "confidential" as such parameters may directly affect payments made by one or another of the LSEs in NY,

Whereas the intent to move to a four month final bill may be impacted by metering issues,

Whereas the Business Issues Committee, along with the NYISO should consider, if needed, alternatives to use instead of direct metering for load settlement purposes,

Whereas such alternatives would be best considered in the light of a full disclosure of the current state of sub-zone metering *and* that current metering's ability to meet a broadly agreed to standard for accuracy, reliability and, calibration.

It is moved that:

All meter authorities should provide, at the earliest possible date, the information necessary to complete the Meter Inventory Database (MI DB) and that the MI DB be "published" by the ISO on their website, when a password protected secure website is available. Prior to the availability of a password protected secure website, the meter inventory may be distributed to market participants requesting it.

It is further moved that publishing this MI DB is recognized as an ongoing process to allow Market Participants to gain a clear picture of issues related to sub-zone metering *before* any changes to settlement approaches would be considered.

It is also moved that, after the Market Participants have given due consideration to the MI DB *and* appropriate metering standards, that BIC direct a working group or groups to *potentially* consider alternatives for calculating load related settlements.

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

Motion #4:

The Business Issues Committee (BIC) hereby requests that the Management Committee approve changes to Sections 5.14.1-5.15 of the ISO Services Tariff necessary to implement a revised supplemental supply fee for the ICAP Demand Curve. These changes clarify that:

- 1) The supplemental supply fee shall be equal to the applicable Market-Clearing Price of Unforced Capacity determined in the ICAP Spot Market Auction;
- 2) If there is a deficiency after the ICAP Spot Market Auction, the ISO shall use the supplemental supply fee to procure Unforced Capacity from new Suppliers and Suppliers who offered Unforced Capacity above the Market-Clearing Price at a price that shall not exceed the applicable Market-Clearing Price; and
- 3) The ISO will rebate excess funds to the Locality or Rest of State or both, as applicable, where the excess was created.

This motion supersedes Motion #3 which passed at the April 2, 2003 BIC meeting and Motion #5 which passed at the April 14, 2003 Management Committee meeting.

(Motion passed with 90.31 % affirmative votes)

Motion #4a: (This supercedes Motion #4 and was intended as a clarification of Motion #4)

The Business Issues Committee (BIC) hereby requests that the Management Committee approve changes to Sections 5.14.1-5.15 of the ISO Services Tariff, as amended at the BIC Meeting, necessary to implement a revised supplemental supply fee for the ICAP Demand Curve. These changes clarify that:

- 1) The supplemental supply fee shall be equal to the applicable Market-Clearing Price of Unforced Capacity determined in the ICAP Spot Market Auction;
- 2) If there is a deficiency after the ICAP Spot Market Auction, the ISO shall use the supplemental supply fee to procure Unforced Capacity from new Suppliers and Suppliers who offered Unforced Capacity above the Market-Clearing Price at a price that is less than or equal to ~~shall not exceed~~ the applicable Market-Clearing Price; and
- 3) The ISO will rebate excess funds to the Locality or Rest of State or both, as applicable, where the excess was created.

This motion supersedes Motion #3 which passed at the April 2, 2003 BIC meeting and Motion #5 which passed at the April 14, 2003 Management Committee meeting.

(Motion passed by a majority show of hands)

(The BIC approved amendments to the ISO Services Tariff are posted under the 6/10 BIC meeting materials for Agenda #10:

http://www.nyiso.com/services/documents/groups/bus_issue_comm/meeting_materials.html)

New York Independent System Operator - Committee Membership

Business Issues Committee - Attendance June 10, 2003 - Albany, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
Central Hudson Gas & Electric	Transmission Owners	James Valleau	✓ Thomas Canino	Jeff May	Rick Greener				
Consolidated Edison	Transmission Owners	Stuart Nachmias	Gerry Dunbar					✓ Mayer Sasson	✓ Norman Mah
National Grid	Transmission Owners	✓ Wes Yeomans	✓ Jerry Ancona	✓ Bart Franey					✓ Mike Cadwalader
NY State Electric Gas (NYSEG)	Transmission Owners	✓ Ray Kinney	✓ Patti Caletka	Steve Jeremko	Hank Masti				
Orange & Rockland, Inc.	Transmission Owners	Gary Rozmus							
Rochester Gas & Electric	Transmission Owners	Laurie King-Pirchner	Gerald Walter						
AES NY	Generation Owners	Doug Roll	Charles Sjoberg	Christopher Wentlent				✓ Doreen Saia	
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	Generation Owners	Roy Shanker	Gary Keevill						
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	Rich Hohlmán	Joseph Vignola	Dick Ackerson	James D'Andrea	✓ Terrence Kain	Ron Lukas		
Mirant New York, Inc.	Generation Owners	Vicki Lynch	Susann Felton	✓ Doreen Saia					
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						✓ Glenn Haake
TransCanada Power Marketing	Generation Owners	William Taylor	Elaine Beaudry						
NYS Energy Research & Develop. Auth.	End Use - Gov. Agency/Aggr.	✓ Jeffrey Gerber	Paul DeCotis	Chris Hall	Erin Hogan	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	Gordian Raacke	✓ 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 Bornke	✓ 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						
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					
American Wind Energy Association	Public Power - Environmental	David Wooley	✓ Larry DeWitt						✓ K. Kipers, B. Palazzo
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	Matthew Benesh	Jim Hamilton	Paul Pallas	Jack Brown	✓ Tim Bush		
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	Ken Moore	✓ Tim Bush					
Village of Fairport	Public Power - Munis & Co-ops	Ken Moore	✓ Tim Bush	Paul Pallas					
Village of Freeport	Public Power - Munis & Co-ops	✓ Anthony Fiore	✓ Ted Kimlingen						
Village of Rockville Centre	Public Power - Munis & Co-ops	✓ Tom Cardile	Ken Moore	Jim Hamilton	Jack Brown	Matthew Benesh	Paul Pallas	✓ Tom Rudebusch	
Village of Westfield	Public Power - Munis & Co-ops	Jim Hamilton	Ken Moore	Matthew Benesh	Jack Brown	Paul Pallas	✓ Tim Bush		
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	Kevin LaGuardia	Blas Hernandez						

New York Independent System Operator - Committee Membership

Business Issues Committee - Attendance June 10, 2003 - Albany, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
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	✓ Stephen Wemple	Ivan Kimball						
Con Edison Solutions	Other Suppliers	✓ Stephen Wemple	Rich Staines						
Conectiv	Other Suppliers	Bill Fehr	John Foreman						
Constellation New Energy Inc.	Other Suppliers	Peter Duprey	Carrie CullenHitt	Steve Fernands					
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	Michael Bekker	Lou Oberski						
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	Roy Shanker	Gary Keevill	Russel Like					
Exelon Generation - Power Team	Other Suppliers	Eric Olson	✓ Garry Brown	Linda Clarke	Regina Carrado	✓ David Applebaum			
Fortistar/Lockport Energy Associates, L.P.	Other Suppliers	Roger Kelley	Tom Gesicki	✓ Mark Younger	✓ Glenn Haake				
FPL Energy	Other Suppliers	Fernando DaSilva	Dan Wheeler						
HQ Energy Services	Other Suppliers	Michel Prevost	✓ Paul Norris						
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	Patrick Murray	Karen Kochonies	✓ Levon Kazarian	Doron Ezickson				
NRG Power Marketing	Other Suppliers	Joe DeVito	Charles Knight	✓ 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				
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	John Reese	Bruce Bleiweis					✓ Liam Baker	
Sempre 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	Mario DiValentino	Tom Folchi	✓ Dan Duthie					
Transalta (formerly MEGA)	Other Suppliers	Bob Sadowsky	Jubran Whalan						
TransÉnergie U.S. Ltd.	Other Suppliers	Michael Jacobs	José Rotger						
Williams Energy Marketing & Trading Co.	Other Suppliers	David Singer	Dennis Keener						
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	Stephen Fernands	Bill Schofield						✓ Rick Mancini
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	Heather Sanders						
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							
zNew Member	Non-voting	None Assigned							

NYISO and Hunton & Williams Members in Attendance:

- ✓ Mollie Lampi NYISO
- ✓ Chuck King NYISO
- ✓ Art Desl NYISO
- ✓ John Cutting NYISO
- ✓ Greg Williams NYISO
- ✓ Elaine Robinson NYISO
- ✓ Kristen Kranz NYISO
- ✓ Leigh Bullock NYISO
- ✓ Ray Stalter NYISO
- ✓ Debbie Eckels NYISO
- ✓ Dick Mills NYISO
- ✓ Aaron Breidenbaugh NYISO
- ✓ Valerie Ross NYISO
- ✓ Tim Schmeh NYISO

New York Independent System Operator - Committee Membership

Business Issues Committee - Attendance June 10, 2003 - Albany, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
✓ Bob Friend	NYISO								
✓ John Charlton	NYISO								

Key:
 ✓ = In attendance

New York Independent System Operator

Business Issues Committee - June 10, 2003

Motion: Motion #4

Result: Motion Passed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against	
Generation Owners	21.5	✓	✓	21.50	4.00	0.00	2	21.50	0.00	
Other Suppliers	21.5	✓	✓	21.50	7.00	1.00	8	18.81	2.69	
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	0.00	5	0.00	0.00	
Large Cons. Gov. Agency	2.0	✓		2.00	1.00	0.00	0	2.00	0.00	
Small Consumer	4.5	✓	✓	4.50	2.00	0.00	9	13.50	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	2.00	0.00	0	1.80	0.00	
Public Power			✓							
State Power Authorities	8	✓		8.00	2.00	0.00	0	8.00	0.00	
Munis and Coops	7	✓		7.00	0.00	3.00	4	0.00	7.00	
Environmental	2	✓		2.00	5.00	0.00	0	2.00	0.00	
				5	100.00	27.00	4.00	29	90.31	9.69
					100.00	Normalized to 100% :			90.31	9.69

New York Independent System Operator

Business Issues Committee - June 10, 2003

Motion Motion #4

Sector	Organization	Representative	Affiliate	Present	For	Against
Transmission Owners	Central Hudson Gas & Electric	Thomas Canino		y	1.00	
Transmission Owners	Consolidated Edison	Mayer Sasson		y	1.00	
Transmission Owners	National Grid	Wes Yeomans		y	1.00	
Transmission Owners	NY State Electric Gas (NYSEG)	Ray Kinney		y		
Transmission Owners	Orange & Rockland, Inc.		y			
Transmission Owners	Rochester Gas & Electric		y			
Generation Owners	AES NY	Doreen Saia		y	1.00	
Generation Owners	American National Power, Inc.					
Generation Owners	Astoria Energy LLC					
Generation Owners	Calpine					
Generation Owners	East Coast Power		y			
Generation Owners	Edison Mission Marketing & Trading	William Roberts		y		
Generation Owners	Entergy Nuclear Northeast	Ron Mackowiak		y	1.00	
Generation Owners	Indeck Energy Services	Mark Younger		y	1.00	
Generation Owners	KeySpan Ravenswood, LLC	Terrence Kain		y		
Generation Owners	Mirant New York, Inc.	Doreen Saia		y	1.00	
Generation Owners	Orion Power New York		y			
Generation Owners	PG&E Generating					
Generation Owners	Sithe Energies, Inc.	Garry Brown	y	y		
Generation Owners	TransCanada Power Marketing					
End Use - Gov. Agency/Aggr.	NYS Energy Research & Develop. Auth.	Jeffrey Gerber		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	Robert Loughney		y		
End Use - Large Consumer	ATCO Management Co.					
End Use - Large Consumer	IBM Corporation	Robert Loughney		y		
End Use - Large Consumer	Occidental Chemical Corp.	Robert Loughney		y		
End Use - Large Consumer	Praxair Inc.	Robert Loughney		y		
End Use - Large Consumer	Xerox Corporation	Robert Loughney		y		
End Use - Large Cons. Gov.	Metropolitan Transportation Authority	Jesse Samberg		y	1.00	
End Use - Small Consumer	Association for Energy Affordability, Inc.	Larry DeWitt		y	1.00	
End Use - Small Consumer	Beth Israel Health Care System	John Dowling		y		
End Use - Small Consumer	Building and Realty Institute	Tariq Niazi		y		
End Use - Small Consumer	Citizens Advisory Panel	Larry DeWitt		y	1.00	
End Use - Small Consumer	CNYC Inc. (Council of NY Coop & Condo)	Tariq Niazi		y		
End Use - Small Consumer	Columbia University	John Dowling		y		
End Use - Small Consumer	Mount Sinai Medical Center	John Dowling		y		
End Use - Small Consumer	New York Energy Buyers Forum	Tariq Niazi		y		
End Use - Small Consumer	New York Presbyterian Hospital	John Dowling		y		
End Use - Small Consumer	New York University	John Dowling		y		
End Use - Small Consumer	Refined Sugars, Inc.	John Dowling		y		
End Use - State Agency	NY State Consumer Protection Board	Tariq Niazi		y	1.00	
Public Power - Authorities	Long Island Power Authority	James Parmelee		y	1.00	
Public Power - Authorities	New York Power Authority	Bob Gow		y	1.00	
Public Power - Environmental	American Wind Energy Association	Larry DeWitt		y	1.00	
Public Power - Environmental	Environmental Advocates	Larry DeWitt		y	1.00	
Public Power - Environmental	Natl Resources Defense Council	Larry DeWitt		y	1.00	
Public Power - Environmental	Pace University	Larry DeWitt		y	1.00	
Public Power - Environmental	Scenic Hudson	Larry DeWitt		y	1.00	
Public Power - Munis & Co-ops	Bath Electric, Gas & Water Systems	Tim Bush		y		
Public Power - Munis & Co-ops	City of Jamestown Board of Pub. Util.	Tom Rudebusch		y	1.00	
Public Power - Munis & Co-ops	Plattsburgh Municipal Lighting Dept.	Tim Bush		y		
Public Power - Munis & Co-ops	Village of Fairport	Tim Bush		y		
Public Power - Munis & Co-ops	Village of Freeport	Anthony Fiore		y	1.00	
Public Power - Munis & Co-ops	Village of Rockville Centre	Tom Cardile		y	1.00	
Public Power - Munis & Co-ops	Village of Westfield	Tim Bush		y		
Other Suppliers	1st Rochdale Cooperative NYC					
Other Suppliers	Advantage Energy, Inc.					
Other Suppliers	Agway Energy Services, Inc.	Jim Scheiderich		y		
Other Suppliers	Amerada Hess Corporation					
Other Suppliers	Aquila Energy Marketing Corp.	Susan Chamberlin		y		
Other Suppliers	Cinergy Capital and Trading					
Other Suppliers	Con Edison Energy	Stephen Wemple	y	y		
Other Suppliers	Con Edison Solutions	Stephen Wemple	y	y		
Other Suppliers	Conectiv					
Other Suppliers	Constellation New Energy Inc.		y			
Other Suppliers	Constellation Power Source	Glen McCartney		y	1.00	
Other Suppliers	Coral Power, LLC	Matt Picardi		y	1.00	
Other Suppliers	Dominion Energy Marketing, Inc.					
Other Suppliers	Duke Energy North America, LLC					
Other Suppliers	Dynegy	Alan Foster		y		
Other Suppliers	ECONergy					
Other Suppliers	El Paso Merchant Energy					
Other Suppliers	Exelon Generation - Power Team	Garry Brown		y	1.00	
Other Suppliers	Fortistar/Lockport Energy Associates, L.P.	Mark Younger		y	1.00	
Other Suppliers	FPL Energy					
Other Suppliers	HQ Energy Services	Paul Norris		y	1.00	
Other Suppliers	KeySpan Energy Services		y	y		
Other Suppliers	Mirabito Gas & Electric, Inc.	Jim Scheiderich		y		
Other Suppliers	Morgan Stanley Capital Group	Levon Kazarian		y		
Other Suppliers	NRG Power Marketing	Peter Chamberlain		y		
Other Suppliers	NU / Select Energy	Jim Scheiderich		y	1.00	
Other Suppliers	Ontario Power Generation Inc.					
Other Suppliers	PP&L Energy Plus					
Other Suppliers	PSEG Energy Resources & Trade	Howard Fromer		y	1.00	
Other Suppliers	Reliant Energy Services, Inc.	Liam Baker		y	1.00	
Other Suppliers	Sempra Energy Trading					
Other Suppliers	Strategic Energy LLC	Francis Pullaro		y		
Other Suppliers	Strategic Power Management, Inc.	Dan Duthie		y		
Other Suppliers	Transatna (formerly MEGA)					
Other Suppliers	TransEnergie U.S. Ltd.		y			
Other Suppliers	Williams Energy Marketing & Trading Co.					