NYISO Business Issues Committee Meeting

November 15, 2001

Marriott Hotel Beltrone Drive Albany, NY

draft MINUTES OF THE MEETING

I <u>Welcome & Meeting Objectives</u>

Mr. Garry Brown, Chairperson of the Business Issues Committee (BIC), called the meeting to order at 9:35 AM and welcomed the members of the Business Issues Committee. The attendees introduced themselves and the companies that they represent.

II Approval of the Minutes

The October 25, 2001 meeting minutes were approved with revisions and will be posted to the NYISO web site.

Motion #1:

Motion to approve the Minutes from the October 25, 2001 Meeting. *(Motion passed unanimously by a show of hands)*

III Chairperson's Report

Mr. Brown reported that a meeting to ensure continuity was held between the incoming and outgoing chairpersons of the BIC and the BIC working group chairpersons. Also discussed at the meeting were possible improvements in communications between the chairpersons and committee members.

Mr. Bradley Kranz, the BIC liaison, reported on the status of BIC Action Items.

IV Working Group Updates

Billing and Accounting Working Group (BAWG)

Mr. Wes Yeomans, Chairman of the BAWG, reported that most billing code errors have been fixed and explained that the NYISO runs the most updated set of billing code for each true-up month. He also noted that the BAWG has not performed audits on the corrected billing code.

Addressing data correction issues, Mr. Yeomans explained that there had been tremendous improvement with respect to sub-zone tie and generation data correction issues. He also reported that retail loads are sometimes not provided by TOs for true-up runs and suggested that the NYISO disclose who provided retail load and who did not.

Mr. Yeomans reported that the NYISO had produced several 4, 8, 12 and 24-month true-ups and added that the true-up schedule was available on the NYISO web site. He explained that producing 5 statements per month is a very difficult task for all involved in the process. Mr. Yeomans indicated that he had intended to present a motion to eliminate the 8-month true-up but decided to withdraw the motion in favor of meetings between the NYISO and the TOs to explore other alternatives.

Addressing November 1999 closing issues, Mr. Yeomans reported that the NYISO was working to close November 1999 at the 24-month true up, and that results of the corrections will be discussed at the November BAWG meeting. He announced that if the NYISO declares the closing as final, Market Participants will need to determine if they need to dispute their November 1999 bill on an individual basis. In response to a question concerning the magnitude of true-up corrections, Mr. Andrew Ragogna of NYISO responded that the magnitude, as a percentage of NYISO transactions, is very small although it could be a significant amount to a single Market Participant. To a question concerning the possibility of shortening the 24-month closing period, Mr. Ragogna replied that the NYISO is investigating various options. Mr. Ragogna also addressed a question concerning the potential impact that changes to the bills of others may have on Market Participants that are satisfied with their bills. He explained that, if the change were an isolated issue, then the other Market Participants are not affected. If the issue is generic in nature, or is inconsistent with the Tariff, then it could affect all Market Participants. Mr. Brown advised the BIC that the question would be addressed at the BAWG.

Addressing the work of the Transmission Owner Working Group, Mr. Yeomans reported that the Working Group had been working with the NYISO on data visibility issues and that data visibility for "D" Loads has existed since June of 2001. He added that data visibility for "M" Loads began on November 1st, 2001 and that the data visibility exists for all Market Participants. The Working Group is also addressing what to do about the potential impacts of the Con Ed State estimator issue; PTS data relative to the NYISO anomaly report; missing PTIDs; and the state-wide transmission loss allocation to sub zones issue.

Mr. Yeomans reported on the efforts of the Billing Data and Format Working Group with respect to Billing Data Requirements and announced that the Consolidated Invoice would be

implemented at the end of November for November billing. He concluded with a summary of the work that the BAWG had done over the past two years, and introduced Ms. Kathy Logan as the incoming BAWG Chairperson, and Ms. Linda Cavalluzi as the incoming BAWG Vice-Chairperson.

Mr. Ragogna announced that the NYISO was about to issue the 24-month invoice and added that he, as well as the NYISO Board, believes that the 24-month period is too long. He also reported that the NYISO has a list of billing issues to be addressed and has assembled an internal NYISO group to address them. Mr. Ragogna said that he would present a plan to address these issues at the December BIC meeting.

Referring to the NYSEG Motion concerning the resolution of billing issues, Mr. Ragogna announced that the NYISO supports all parts of the Motion and added that the NYISO has been working on billing issues but has not effectively reported on the progress of the effort.

Mr. Rogogna stated that he believes that only one true-up, at four months, should be required with any remaining issues addressed as needed. He added that the NYISO would need final metered data from the TOs by the four-month point in order to implement such a process. Mr. Jim Scheiderich of Select Energy pointed out that the quality of metering must also be investigated and Mr. Brown replied that the metering quality issue should be addressed in the appropriate working group.

In response to a question concerning the mechanism in place to pay a complainant if money is owed after final settlement, Mr. Randy Bowers of NYISO replied that Schedule 1 provides for the recovery of payments for dispute resolution and that costs are charged to the current month. He added that the allocation of costs related to generic issues that may involve a number of Market Participants, requires more study at the BAWG.

Ms. Doreen Saia, representing Mirant, requested that NYISO counsel determine the level of discretion that the NYISO has in charging discrepancies to Schedule 1 and Mr. Ragogna replied that the NYISO would research the issue.

V Motion to restructure the mission and work objectives of the BAWG

Mr. Rick Mancini of NYSEG explained that a NYSEG Motion to restructure the BAWG was withdrawn at the last BIC meeting to allow for additional discussion and that the Motion had been updated to reflect the discussions that were held. He also explained that the Motion was resubmitted with NYSEG as the sponsor because time constraints did not allow the BAWG members that discussed the motion to review the final version.

Mr. Mancini reviewed the changes made to the motion previously presented and Mr. Yeomans added that there was consensus at the BAWG concerning the motion. Several Market Participants expressed concern about confidentiality issues related to the motion and a series of friendly amendments were incorporated into the motion to address the concerns.

Motion #2:

Motion to adopt specific recommendations, detailed below, to more effectively address and resolve NYISO billing issues.

(Motion passed by a majority show of hands with one opposed and two abstentions)

Specific Recommendations Detailed as follows:

- 1) The BAWG will meet regularly to:
 - a) Identify billing problems/issues;
 - b) Jointly develop solutions to the identified problems/issues with NYISO staff, NYISO Committees and Working Groups as appropriate;
 - c) Where a change occurs billing procedures, whether from software anomalies, tariff compliance problems or market rule misrepresentations, the NYISO Staff with the support of BAWG will develop a settlements test plan. The NYISO will perform the test(s) on the change, and report results of testing to the BAWG;
 - d) BAWG Chair with the NYISO Staff will coordinate the implementation of the solutions with other Working Groups and NYISO Staff as necessary so that all parties impacted are aware of how proposed changes impact settlement or how changes to settlement impact others.
- 2) That the NYISO management assign dedicated and sufficient resources (NYISO staff point contacts) to assess and identify solutions to the billing problems/issues identified internally by the NYISO and/or by the BAWG. Because of the diverse nature of billing issues, the NYISO staff point contacts should include personnel from the Operations Department, the Market Monitoring Unit, the Billing and Accounting Departments, IT Department and any other NYISO departments. The intent is to have billing problems/issues addressed so that market participants can, without jeopardizing confidentiality of information, receive accurate and complete billing information including explanations for observed inconsistencies. In combination with the NYISO own internal reviews the NYISO staff point contacts will meet regularly with the chair of BAWG to address observed inconsistencies. Once addressed, the appropriate NYISO staff point contact or other appropriate NYISO Staff may be requested to present the results of the investigation to a general meeting of the BAWG, related Working Groups, and/or NYISO Committees.
- 3) That BAWG, with assistance from NYISO Staff, will make presentations to the Business Issues Committee approximately every three months or more frequently if warranted. The presentation will include a summary of the highest priority billing problems identified, status of developing and implementing solutions, and a description of any administrative impasses or other issues that are delaying activities.
- 4) That BAWG maintain a list of billing issues, which will include NYISO Staff's identification of potential solutions and resource requirements and be communicated to the Chair and Vice Chair of the BIC. Where additional NYISO resources are required to resolve the problems, the Chairs will review the issue with the Project Priority Team and establish appropriate prioritization. All billing problems/issues will be reviewed and addressed within 60 Days of first being conveyed to the NYISO. Once addressed the issue will be resolved under the normal process and governance structure of the NYISO.
- 5) That the following list of objectives be addressed by BAWG with the support of the NYISO and Stakeholders:

- a) Improve billing statements by itemizing charges in sufficient detail such that market participants can reconcile and audit bills;
- b) Regarding the frequent high cost excursions observed in NYISO daily billing statements, the BAWG and NYISO Staff establish a trigger mechanism, which once triggered, will provide a causation description for each charge that exceeds an agreed-to threshold amount. The description must reference the specific actions that contributed, to the charge. When such a high cost excursion occurs, charges that require detailed explanations include all off-system charges, uplift, residual charges, ancillary services, energy prices and local reliability charges;
- c) Regarding unexplained revenue/cost swings, BAWG and the NYISO Staff develop a trending procedure that will trigger an investigation and public explanation by the NYISO whenever prices, charges or costs vary from the norm by an agreed-to amount (e.g., when uplift charges double from one day to the next without a significant change in weather or facility operational status). The Market Monitoring Unit should also review any major unexplained revenue/cost swings to ensure that investigation and disclosure occurs whenever the variance exceeds the threshold without external prompting by a market participant;
- d) Develop a means to mask confidential information, in cooperation with the Market Participant whose data may be masked so that market participants can access the information needed to audit their bills and understand costs. To the extent that the information cannot be masked and released, the NYISO must provide a public explanation of the basis for the claim that the information is confidential.. To the extent information needs to remain confidential, the BAWG and NYISO Staff should establish a tickler system that will provide the market knowledge at the six month point when all bid information becomes available to the market;
- e) Reduce the time it takes to issue a final bill that will not be subject to major adjustment. The BAWG and NYISO Staff should establish a "measure of performance" that after a certain period, say 4 months, a high percentage (to be determined) of all adjustments would have been made to the bill. If this measure is not obtained the BAWG and NYISO Staff will determine the cause and address the correction accordingly;
- f) The BAWG and NYISO Staff should establish a protocol that will effectively acknowledge billing inquiries received from market participants and respond to each inquiry within an appropriate time commensurate with the nature of the inquiry;
- g) The BAWG and NYISO Staff will develop testing protocols to be used whenever software, procedures or tariff language are revised to verify that billing software and the resultant bills reflect the revision. The NYISO should not rely on market participants to discover billing problems that could be identified through testing protocols.
- h) No later than December 1, 2001, the BAWG will compile with the NYISO a preliminary listing of all existing and current billing settlement problems/issues that need to be addressed.

VI <u>Market Operations Update</u>

Mr. Stephen Balser of NYISO reported that CPS 2 performance for October was approximately the same as the previous month and that the average price of energy had dropped, noting that there had been a coincident decrease in fuel costs. He also reported that for October 54% of the NY energy market was composed of bilateral transactions and that 94% of the LBMP market was composed of Day-Ahead transactions. Mr. Balser added that the NYISO was maintaining a relatively low number of price corrections with reservations running at 7-8% and corrections at about 0.5%.

Addressing several questions concerning initial virtual bidding results, Mr. Balser informed the BIC that virtual bidding activity to date was predominately virtual load bidding, and that the impact on energy prices was well within the normal deviation of prices for a day. He added that approximately 15% of the virtual bidding capacity that had been collateralized was being bid and noted that about 100,000 MWh of virtual bidding capacity had been collateralized. In response to a question concerning the reporting of virtual bidding information, Mr. Balser replied that the NYISO is still evaluating what information is important. Mr. Balser agreed to a suggestion that the NYISO present possible report formats to the Scheduling & Pricing Working Group for discussion.

VII <u>Congestion Reduction Proposal</u>

Mr. Jerry Ancona of Niagara Mohawk reported that the Congestion Reduction Proposal was developed during three meetings of the Congestion Reduction Task Force and was recommended for action by the BIC at the October 23rd meeting of the Market Structure Working Group. He explained key points of the proposal and provided a comparison of the existing rules to the proposed rules. Mr. Ancona then presented Motion #3 for BIC action.

Mr. James Parmelee of LIPA presented several legal and technical concerns that LIPA had with the proposal. Mr. Parmelee expressed concern that the proposal may conflict with provisions of the NYISO-TO Agreement and the OATT, and identified potential issues related to the symmetry of over vs. under collected revenues; threshold levels; gaming opportunities; verification issues; and potential rate impacts.

In response to a question about the amount of money involved, Mr. Ancona advised the BIC that the revenue shortfalls over the past 12 months amounted to approximately \$27M and that Niagara Mohawk had paid \$10-12M of that total. Mr. Ancona also addressed questions related to the FERC's potential acceptance of the proposal, and pointed out how this proposal differed from a similar proposal recently rejected by the FERC. Regarding a question about the proposed implementation timeline, Mr. Ancona replied that the timing could be adjusted.

Motion #3:

Recommend that the Management Committee approve the Congestion Reduction Proposal dated 10/19/2001 as developed by the Congestion Reduction Task Force and as recommended by the MSWG; and further direct the NYISO Staff to work with the MSWG to develop Tariff language

to be filed with the FERC with sufficient lead time to allow a ruling and implementation of the proposal prior to the Spring 2002 TCC Auction or as soon thereafter as possible. *(Motion passed with 82.22 % affirmative votes)*

Following the vote on the Congestion Reduction Proposal, Mr. Parmelee requested that the NYISO investigate the legal issues raised by LIPA and report to the Management Committee on the matter. Ms. Mollie Lampi of NYISO replied that the NYISO will investigate documents that need to be changed and will review issues that the FERC may have, but added that the NYISO will not render a legal opinion on the proposal. Mr. Brown requested that, if the NYISO were to develop a firm legal opinion on the matter that they do so prior to the Management Committee action.

VIII Approval of ICAP Manual revisions

Mr. John Charlton of NYISO announced that the revised ICAP Manual had been posted on the NYISO web site for 15 days and that no comments were received. He then reviewed the revisions to the ICAP Manual.

Motion #4:

Motion to approve ICAP Manual Revisions. (Motion passed unanimously by show of hands with 2 abstentions)

IX <u>Status report on BME/SCD pricing issues</u>

Mr. Robert Pike of NYISO identified the main BME/SCD issues as price divergence, schedule inconsistencies, and the impact on uplift costs. He informed the BIC that the NYISO is working on several initiatives to address the BME/SCD issues.

Mr. Pike explained that discussions concerning the implementation details for the "exports as reserve" and "latent reserve" initiatives are currently underway at the Scheduling and Pricing Working Group and added that the design requirements for all of the initiatives are due by December 31st (2001). The software implementation is planned for pre-summer of 2002 pending Committee approvals and Tariff changes that may be required.

X Motion to amend Rate Schedule 1

Mr. Dan Duthie of Strategic Power Management presented and reviewed a proposal calling for an amendment to Rate Schedule 1. Mr. Duthie pointed out that the proposed changes affect only Section 3A of the Schedule. The proposal calls for suppliers to pay a portion of Schedule 1 costs and Mr. Duthie explained that this is currently the practice at both ISO-NE and PJM.

The proposal was revised through a friendly amendment to alter the allocation of costs as presented in the original motion after a group discussion revealed that previous research indicated

that a 50/50 split of the costs was not appropriate.

Several Market participants expressed concerns that the cost would ultimately be paid by load, but in an inefficient manner, and issues including the impact of cost caps and in-city mitigation were discussed.

Prior to the vote on Motion #5, Mr. Mark Younger of Slater Consulting moved that Motion #5 be tabled (Motion #6).

Motion #5

Now, Therefore, it is moved that the BIC recommend that the Management Committee vote to amend Rate Schedule 1 such that the NYISO charges as defined in the OATT Rate Schedule 1, Section 3A, for the fixed ISO Budget and FERC regulatory fees excluding those costs designated in Rate Schedule 1 Section 4, are charged to all market participants based on Energy Transactions (i.e. injections and withdrawals) such that injections and sales to the NYISO market assume 15% of the charges and loads and withdrawals from the market assume 85% of the charges. Further a working group shall be appointed to recommend the appropriate allocation for consideration at the October 2002 MC meeting. *(Motion passed with 61.30 % affirmative votes)*

Motion #6

Motion to table Motion #5. A vote "For" is a vote to table. *(Motion failed with 39.09 % affirmative votes)*

XI Working Group Updates (continued)

Scheduling and Pricing Working Group (S&PWG)

Mr. Ray Kinney of NYSEG reported that the S&PWG is currently addressing three major issues. He defined the issues as BME/SCD price convergence, Real-Time mitigation, and revisions to the AMP. He added that the NYISO Market Monitoring Staff were to present a more detailed proposal to the S&PWG in December concerning Real-Time mitigation, and that Dr. James Savitt of the NYISO will lead a small task force that will address enhancements to the AMP. Dr. Savitt will report to the BIC on the progress of the task force in January.

Referring to the AMP enhancement efforts, and a recent Management Committee Motion concerning the AMP, Ms. Saia requested that the NYISO incorporate the 50MW exclusion into the AMP as soon as possible, without waiting for the implementation of other AMP enhancements.

Market Structure Working Group (MSWG)

Mr. Jim Scheiderich of Select Energy advised the BIC that a meeting of the MSWG is planned for November 16th and that the TCC allocation proposal would be discussed. He also reported that

the MSWG is currently addressing TSC discounting; loss related issues; longer term BME/SCD divergence issues; and virtual bidding data reporting.

Mr. Brown explained that the MSWG was also addressing longer-term BME/SCD redesign issues scheduled for Summer 2003 deployment and added that, due to the investment required, the NYISO had been waiting for more direction regarding the FERC/RTO order. He then advised the BIC that a decision to proceed was made since the RTO process did not appear to be progressing quickly.

Installed Capacity Working Group (ICAP WG)

Mr. Howard Fromer announced that an ICAP WG meeting is scheduled for November 30 (2001) to discuss long term conceptual issues related to ICAP. Ms. Elaine Robinson of NYISO added that a series of meetings to discuss regional ICAP issues were being scheduled that would be jointly chaired by NYISO, PJM and ISO-NE.

Price Responsive Load Working Group (PRLWG)

Mr. Larry Dewitt of Pace Energy Project reported that the PRLWG is working on proposed changes to the load response programs and that he would provide a more extensive presentation at the December BIC meeting.

Mr. Dewitt reviewed load relief measures from the past summer and indicated that the Emergency Demand Response Program (EDRP) and Special Case Resource (SCR) programs accounted for 580 MW of relief. He pointed out that most of the interruptible load is located upstate and that on-site generation participants are primarily located in the downstate area. Mr. Dewitt provided a profile of the participants in the EDRP and discussed the daily results of the Day-Ahead Demand Response Program for the summer of 2001, explaining that the peak coincident MWs accepted for the period was 35MW. He attributed the relatively low number to the late start of the program.

Mr. Dewitt announced that proposed changes to the demand response programs include a change in the customer base load calculation methodology for both programs; the addition of competition to the Day-Ahead program; a pilot aggregation program for small customers; and the resolution of ICAP issues relating to the EDRP. He also advised the BIC that the PRLWG would present a non-incentivized demand reduction program for Committee consideration next year.

Mr. Glenn Haake of IPPNY requested that the NYISO provide a comparison of the amount paid to participants with the \$500 program incentive vs. what would have been paid at LBMP.

IX New Business

Mr. Brown proposed that the BIC and the Operating Committee consider switching the order in which the meetings are held since the Operating Committee meetings typically end earlier in the

afternoon allowing meeting participants to leave earlier on the final day of the meetings. There was consensus for the proposal within the BIC and implementation of the new schedule was tentatively planned for January.

Mr. Scheiderich announced that the Operating Committee had approved a technical study concerning the Marcy FACTs Phase II project and raised an issue concerning potential market impacts from the various operating modes of this equipment when it is put into operation. Mr. Scheiderich also questioned how Orange and Rockland Utilities could leave the NYCA without approvals. Mr. Brown replied that there were no Tariff provisions that required an approval.

Mr. Michel Prevost of HQ Energy Services expressed concern with the lack of detail included with BME curtailment messages. Mr. Brown suggested that Mr. Prevost first approach the NYISO with the issue and then bring it to the BIC if he was not satisfied with the outcome. Ms. Kathy Whitaker of NYISO commented that HQ's NYISO Customer Representative would enter the request into the NYISO Customer log for disposition, but added that there would not be a quick fix for the issue. Mr. Kranz will bring the issue to the S&PWG.

X Administrative Matters

Mr. Jonathan Mayo, Secretary of the BIC, acknowledged Mr. Brown's efforts as Chairperson of the BIC and referred to several key issues that Mr. Brown had presided over during his year of service. Mr. Mayo, on behalf of the BIC, also presented Mr. Brown with a plaque recognizing his service to the BIC.

XI <u>Adjournment</u>

The meeting was adjourned at 3:45 PM.

Motion #7:

Motion to adjourn the BIC meeting. (*Motion passed unanimously by show of hands*)

Respectfully submitted, Peter K. Lemme Recording Secretary, Business Issues Committee

Business Issues Committee – Action Item Listing

Number	Action Items	Assigned to
BIC.11.15.01-1	BIC Liaison to contact MPAAS and BAWG chairs to determine any functional overlap and report back.	B. Kranz
	NYISO Billing to provide BIC with an update on the proposed Invoice Backlog Plan and Schedule for fixing outstanding billing issues at the December BIC.	A. Ragogna
	Request that legal counsel determine what discretion the NYISO has to charge final billing discrepancies to Schedule 1.	M. Lampi
BIC.11.15.01-4	NYISO to present proposed Virtual Bidding data report formats to the S&PWG for discussion.	S. Balser
	NYISO requested to provide a comparison of what was paid through the Demand Response program with the \$500 incentive vs. what would have been paid at LBMP.	D. Lawrence
	Assign review of potential market impacts regarding the planned operating modes of the Marcy FACTs Phase II equipment to an appropriate working group.	B. Kranz
BIC.11.15.01-7	Add BME curtailment message details issue to the S&PWG assignments.	B. Kranz

NYISO Business Issues Committee Meeting

November 15, 2001 Marriott Hotel, Albany, NY

MOTIONS OF THE MEETING

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Motion #2:

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Specific Recommendations Detailed as follows:

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 - a) Identify billing problems/issues;
 - b) Jointly develop solutions to the identified problems/issues with NYISO staff, NYISO Committees and Working Groups as appropriate;
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presentation will include a summary of the highest priority billing problems identified, status of developing and implementing solutions, and a description of any administrative impasses or other issues that are delaying activities.

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resultant bills reflect the revision. The NYISO should not rely on market participants to discover billing problems that could be identified through testing protocols.

h) No later than December 1, 2001, the BAWG will compile with the NYISO a preliminary listing of all existing and current billing settlement problems/issues that need to be addressed.

Motion #3

Recommend that the Management Committee approve the Congestion Reduction Proposal dated 10/19/2001 as developed by the Congestion Reduction Task Force and as recommended by the MSWG; and further direct the NYISO Staff to work with the MSWG to develop Tariff language to be filed with the FERC with sufficient lead time to allow a ruling and implementation of the proposal prior to the Spring 2002 TCC Auction or as soon thereafter as possible. *(Motion passed with 82.22 % affirmative votes)*

Motion #4

Motion to approve ICAP Manual Revisions. *(Motion passed unanimously by show of hands)*

Motion #5

Now, Therefore, it is moved that the BIC recommend that the Management Committee vote to amend Rate Schedule 1 such that the NYISO charges as defined in the OATT Rate Schedule 1, Section 3A, for the fixed ISO Budget and FERC regulatory fees excluding those costs designated in Rate Schedule 1 Section 4, are charged to all market participants based on Energy Transactions (i.e injections and withdrawals) such that injections and sales to the NYISO market assume 15% of the charges and loads and withdrawals from the market assume 85% of the charges. Further a working group shall be appointed to recommend the appropriate allocation for consideration at the October 2002 MC meeting. *(Motion passed with 61.30 % affirmative votes)*

Motion #6

Motion to table Motion #5. A vote "For" is a vote to table. (Motion failed with 39.09 % affirmative votes)

New York Independent System Operator - Committee Membership

Business Issues Committee - Attendance November 15, 2001, 2001 - Albany, NY - Parties Checked in Attendance

			idance November 15, 2					i
Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Proxy	Guest
NYS Energy Research & Develop. Auth.	End Use - Gov. Agency/Aggr.							
The City of New York Alcoa/Reynolds Metals Company	End Use - Gov. Agency/Aggr. End Use - Large Consumers	 Jay Kooper Leonard Singer 	Richard Miller	✓ Michael Mager			Jonathan Wallach	✓ Craig Carrieri
Amerada Hess Corporation	End Use - Large Consumers	Michael DiBella	Robert Loughney Greg Sticka	Kelly Lovvorn	Greg Olsen			 Graig Cameri
ATCO Management Co.	End Use - Large Consumers	Peter DiCapua	Scott Petersen	George Diamantopoulos	Steven Latargia			
IBM Corporation	End Use - Large Consumers	Leonard Singer	Robert Loughney	✓ Michael Mager				
Occidental Chemical Corp.	End Use - Large Consumers	Leonard Singer	Robert Loughney	✓ Michael Mager	(Materia)			
Praxair Inc. Xerox Corporation	End Use - Large Consumers End Use - Large Consumers	Christian Lenci Leonard Singer	Leonard Singer Robert Loughney	Robert Loughney ✓ Michael Mager	✓ Michael Mager			
Metropolitan Transportation Authority	End Use - Large Cons. Gov.	✓ Jesse Samberg	Gary Caplan	Walter McCarroll				
Aaron Breidenbaugh	End Use - Small Consumers	✓ Aaron Breidenbaugh						
Association for Energy Affordability, Inc.	End Use - Small Consumers	David Hepinstall	✓ Larry DeWitt		(- · · · ·			
Beth Israel Health Care System Building and Realty Institute	End Use - Small Consumers End Use - Small Consumers	Catherine Luthin Herb Rose	 ✓ John Dowling Jeff Hanley 	Jennifer Kearney Catherine Luthin	 ✓ Tariq Niazi ✓ John Dowling 	Doug Elfner Jennifer Kearney		
Caithness Energy, L.L.C	End Use - Small Consumers	Daniel McBrearty	Jack Feinstein	Gaulenne Luunn	 John Dowing 	Jerinier Reamey		
Citizens Advisory Panel	End Use - Small Consumers	Gordian Raacke	✓ Larry DeWitt					
CNYC Inc. (Council of NY Coop & Condo)	End Use - Small Consumers	Herb Rose	MaryAnn Rothman	Catherine Luthin	✓ John Dowling	Jennifer Kearney		
Columbia University Hudson River Energy Group	End Use - Small Consumers End Use - Small Consumers	Catherine Luthin Frank Radigan	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner		
Mount Sinai Medical Center	End Use - Small Consumers	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner		
New York Energy Buyers Forum	End Use - Small Consumers	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner		
New York Presbyterian Hospital	End Use - Small Consumers	Catherine Luthin	✓ John Dowling	Jennifer Kearney	 Tariq Niazi 	Doug Elfner		
New York University	End Use - Small Consumers End Use - Small Consumers	Catherine Luthin John Gebhard	 ✓ John Dowling Paul Faia 	Jennifer Kearney Catherine Luthin	 ✓ Tariq Niazi ✓ John Dowling 	Doug Elfner		
Refined Sugars, Inc. William P. Short	End Use - Small Consumers	William Short	Marc Schaefer	Joe DeVito	 John Brodbeck 	Jennifer Kearney Ron Matlock	Roberto Denis	
NY State Consumer Protection Board	End Use - State Agency	✓ Tariq Niazi	Doug Elfner					
AES NY	Generation Owners	Doug Roll	✓ Charles Sjoberg					
American National Power, Inc.	Generation Owners	✓ Dorothy Capra Mailiam May	Bill Henson					
Astoria Energy LLC Calpine	Generation Owners Generation Owners	William May John Eff	Leonard Singer Thomas Kaslow	✓ Richard Felak				
CH Resources	Generation Owners	Gary Thorn	Gary Miller					
East Coast Power	Generation Owners	✓ Roy Shanker	Gary Keevill					
Edison Mission Marketing & Trading	Generation Owners	 ✓ William Roberts ✓ More Petkin 	Robert Agnello	Jeffrey Ellis				
Entergy Nuclear Northeast Indeck Energy Services	Generation Owners Generation Owners	 Marc Potkin Mike Ferguson 	William Stone John Schrage	Ron Mackowiak ✓ Mark Younger				
KeySpan Ravenswood, Inc	Generation Owners	Kevin Knapp	Rich Hohlman	✓ Dick Ackerson	Ron Lukas	Terrence Kain		
Mirant New York, Inc.	Generation Owners	Vicki Lynch	✓ Joe Holtman	Mark Petro	✓ Doreen Saia			
NRG Energy	Generation Owners	Joe Devito	✓ Frank Rapley	Paul Savage	Marc Dworkin	Ruben Brown	Chris Young	<i></i>
Orion Power New York PG&E Generating	Generation Owners Generation Owners	 Mary Lynch Steve McDonald 	Mark Sudbey Jeff Simmons	John Reese				✓ Kathy Logan
PSEG Energy Resources & Trade	Generation Owners	Raymond DePillo	Michael LaFalce	Bob Logan	Dennis Sobieski			
Sithe Energies, Inc.	Generation Owners	Tim Bush	✓ Garry Brown	David Applebaum				✓ Glenn Haake
TransCanada Power Marketing	Generation Owners	William Taylor	Elaine Beaudry					
NYS Department of Public Service	Non-voting	Joel Brainard Phyllis Kessler	 Bill Heinrich Gregory Wortham 	Andrea Mendez				
1st Rochdale Cooperative NYC Advantage Energy, Inc.	Other Suppliers Other Suppliers	Kyle Storie	Gregory Wortham	Andrea Mendez			✓ Dan Duthie	
Aquila Energy Marketing Corp.	Other Suppliers	Jason Stever	Peter Brown	David Wiesner	Pamela VanHorn	✓ Richard Mooney		
Automated Power Exchange (APX)	Other Suppliers	Gary Zielanski	Mike FitzPatrick					
Cinergy Capital and Trading	Other Suppliers	Jan Bagnall	John Ambrose John Ambrose					
Cinergy Services Con Edison Energy	Other Suppliers Other Suppliers	Jan Bagnall ✓ Stephen Wemple	Ivan Kimball					
Con Edison Solutions	Other Suppliers	✓ Stephen Wemple	Rich Staines					
Conectiv	Other Suppliers	Steve Huntoon	Bill Fehr					
Constellation Power Source Duke Energy North America, LLC	Other Suppliers Other Suppliers	 Glen McCartney Ronald Matlock 	David Taylor Del Disher	Harvey Reed Tom Bankert				
Duke Energy Notiti America, LLC Dynegy	Other Suppliers	Chad Wagner	Matthew Picardi	TOTT Banken				
El Paso Merchant Energy	Other Suppliers	✓ Alan Foster	Eric Stoerr					
Energetix, Inc.	Other Suppliers	Barney Farnsworth	Gerald Strassner					
Enron Power Marketing Inc. Exelon Generation - Power Team	Other Suppliers Other Suppliers	 Howard Fromer Jeff Guistwhite 	Tim Bush	✓ Regina Carrado	✓ Garry Brown			
FPL Energy	Other Suppliers	Bill Fenerty	Dan Wheeler		• Gaily blowin			
HQ Energy Services	Other Suppliers	✓ Michel Prevost	Paul Norris					
KeySpan Energy Services	Other Suppliers	Ron Lukas	Ruben Brown	Peter Chamberlain	John Smith			
Transalta (formerly MEGA) Morgan Stanley Capital Group	Other Suppliers Other Suppliers	Daniel Lobue Patrick Murray	John Carmody Karen Kochonies	✓ Levon Kazarian	Doron Ezickson			
New Energy Inc.	Other Suppliers	Peter Duprey	 ✓ Stephen Fernands 	Levon nazdildi	DOIGH EZIONOUT			
Niagara Mohawk Energy Marketing	Other Suppliers	Marc Overdyk	Dave French					
NU / Select Energy	Other Suppliers	✓ James Scheiderich	Gunnar Jorgensen	Keel 11	0	(54		
Ontario Power Generation Inc. PP&L Energy Plus	Other Suppliers Other Suppliers	Tasos Karatsoreos Jim Strobel	Brian McConville Harry Tom	Ken Lacivita Roland Moor	Scott McArthur	✓ Erica Cheung		
PSEG Energy Technologies Inc.	Other Suppliers	Patricia Esposito						
Sempra Energy Trading	Other Suppliers	✓ Tom Halleran	Dana Volpe	✓ Russel Like				
Strategic Energy LLC	Other Suppliers	Michael Swider	Jeffrey Knox	James McCormick	Helen Caldwell			
Strategic Power Management, Inc. TransÉnergie U.S. Ltd.	Other Suppliers Other Suppliers	 Mario DiValentino Michael Jacobs 	Tom Folchi José Rotger	✓ Dan Duthie				
Williams Energy Marketing & Trading Co.	Other Suppliers	Dennis Keener	Robert O'Connell					
Long Island Power Authority	Public Power - Authorities	✓ James Parmelee	Alan Elberfeld	✓ Kevin Jones				
New York Power Authority	Public Power - Authorities	Dave Wang	✓ Robert Gow	Bob Deasy				
American Wind Energy Association	Public Power - Environmental	David Wooley Anne Reynolds	 ✓ Larry DeWitt ✓ Larry DeWitt 					
Environmental Advocates Nat'l Resources Defense Council	Public Power - Environmental Public Power - Environmental	Dale Bryk	 ✓ Larry DeWitt ✓ Larry DeWitt 					
Pace University	Public Power - Environmental	Edward Smeloff	✓ Larry DeWitt					
Scenic Hudson	Public Power - Environmental	✓ Larry DeWitt	Kan II	Reg 11 - 25	D-15 "	1	1.7	
Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Util.	Public Power - Munis & Co-ops Public Power - Munis & Co-ops	Neil Wrinkle Michael Darroch	Ken Moore ✓ David Gustafson	Jim Hamilton Wally Haase	Paul Pallas ✓ Tom Rudebusch	Jack Brown	✓ Tom Rudebusch	
Plattsburgh Municipal Lighting Dept.	Public Power - Munis & Co-ops Public Power - Munis & Co-ops	Jack Brown	 David Gustarson Ken Moore 	✓ Tom Rudebusch	· TOTT NUCEDUSCT			
Village of Fairport	Public Power - Munis & Co-ops	Ken Moore	✓ Tom Rudebusch	Paul Pallas				
Village of Freeport	Public Power - Munis & Co-ops	Hubert Bianco	Robert Kortright	✓ Anthony Fiore			(
Village of Rockville Centre	Public Power - Munis & Co-ops Public Power - Munis & Co-ops	Paul Pallas Jim Hamilton	Ken Moore	Jim Hamilton Neil Wrinkle	Jack Brown Jack Brown	Neil Wrinkle Paul Pallas	 ✓ Tom Rudebusch ✓ Tom Rudebusch 	
Village of Westfield Central Hudson Gas & Electric	Public Power - Munis & Co-ops Transmission Owners	Jim Hamilton ✓ James Valleau	Ken Moore Thomas Canino	Jeff May	Jack Brown Rick Greener	raul PallaS	- TOTH RUDEDUSCH	
Consolidated Edison	Transmission Owners	Michael Forte	Gary Rozmus	 ✓ Gerry Dunbar 			✓ Mike Cadwalader	
Niagara Mohawk Power Company	Transmission Owners	✓ Jerry Ancona	Martin Amati	Scott Leuthauser	(✓ Wes Yeomans	
NY State Electric Gas (NYSEG) Orange & Rockland, Inc.	Transmission Owners Transmission Owners	 Rick Mancini Gary Rozmus 	John Kobuskie	 Ray Kinney 	✓ Gary Freeland		David Kimiecik(BIC)	
Rochester Gas & Electric	Transmission Owners	✓ Laurie King-Pirchner	Gerald Walter					
American Electric Power (AEP)	Non-voting	Glenn Riepl	James Shrewsbury					
New Member	Non-voting							
New Member	Non-voting				1	1	I	

New York Independent System Operator - Committee Membership

Business Issues Committee - Attendance November 15, 2001, 2001 - Albany, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Proxy	Guest
								1

NYISO and Hunton & Williams Members in Attendance:

Ira Freilicher	Hunton & Williams
Gina Fedele	Hunton & Williams
✓ Mollie Lampi	NYISO
✓ Jonathan Mayo	NYISO
✓ Steve Balser	NYISO
✓ Kristen Kranz	NYISO
✓ Andy Ragogna	NYISO
✓ Jane Lathrop	NYISO
✓ Leigh Bullock	NYISO
✓ Elaine Robinson	NYISO
✓ Brad Kranz	NYISO
✓ John Hickey	NYISO
✓ Peter Lemme	NYISO
✓ Kathy Whitaker	NYISO
✓ Cheryl De LaRosa	NYISO
✓ John Charlton	NYISO
✓ Randy Bowers	NYISO
✓ Rick Brophy	NYISO
✓ Rick Hoefer	NYISO

Key: \checkmark = In attendance \checkmark = In attendance by teleconferencing

New York Independent System Operator

Business Issues Committee - November 15, 2001

Motion: Motion #3

Result: Motion Passed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against
Generation Owners	21.5	~	~	21.50	9.00	0.00	1	21.50	0.00
Other Suppliers	21.5	~	✓	21.50	7.00	2.00	3	16.72	4.78
Transmission Owners	20.0	~	✓	20.00	3.00	1.00	1	15.00	5.00
End Use Consumers Large Consumers	9.0	*	~	9.00	5.00	0.00	0	10.33	0.00
Large Cons. Gov. Agency Small Consumers Gov. State-wide Cons. Advocate	2.0 4.5 2.7	✓ ✓ ✓		2.00 4.50 2.70	0.00 11.00 1.00	0.00 0.00 0.00	0 1 0	0.00 5.17 4.50	0.00 0.00 0.00
Gov. Sm. Cons. & Retail Aggr.	1.8	~		1.80	0.00	0.00	0	0.00	0.00
Public Power			✓						
State Power Authorities	8	✓		8.00	0.00	2.00	0	0.00	8.00
Munis and Coops	7	~		7.00	7.00	0.00	0	7.00	0.00
Environmental	2	~		2.00	5.00	0.00	0	2.00	0.00
			5	100.00	48.00	5.00	6	82.22	17.78
				100.00 No	ormalized	to 100% :		82.22	17.78

New York Independent System Operator Business Issues Committee - November 15, 2001

Motion Motion #3

Sector						
	Organization	Representative	Affiliate	Present	For	Against
End Use - Gov. Agency/Aggr.	NYS Energy Research & Develop. Auth.					
End Use - Gov. Agency/Aggr.	The City of New York	Michael Mare-			1.00	
End Use - Large Consumers End Use - Large Consumers	Alcoa/Reynolds Metals Company Amerada Hess Corporation	Michael Mager		у	1.00	
End Use - Large Consumers	ATCO Management Co.					
End Use - Large Consumers	IBM Corporation	Michael Mager		у	1.00	
End Use - Large Consumers	Occidental Chemical Corp.	Michael Mager		y y	1.00	
End Use - Large Consumers	Praxair Inc.	Michael Mager		y y	1.00	
End Use - Large Consumers	Xerox Corporation	Michael Mager		y	1.00	
End Use - Large Cons. Gov.	Metropolitan Transportation Authority			,		
End Use - Small Consumers	Aaron Breidenbaugh	Aaron Breidenbaugh		у	1.00	
End Use - Small Consumers	Association for Energy Affordability, Inc.	Larry DeWitt		ý	1.00	
End Use - Small Consumers	Beth Israel Health Care System	John Dowling		ý	1.00	
End Use - Small Consumers	Building and Realty Institute	John Dowling		y	1.00	
End Use - Small Consumers	Caithness Energy, L.L.C					
End Use - Small Consumers	Citizens Advisory Panel	Larry DeWitt		у		
End Use - Small Consumers	CNYC Inc. (Council of NY Coop & Condo)	John Dowling		у	1.00	
End Use - Small Consumers	Columbia University	John Dowling		у	1.00	
End Use - Small Consumers	Hudson River Energy Group					
End Use - Small Consumers	Mount Sinai Medical Center	John Dowling		у	1.00	
End Use - Small Consumers	New York Energy Buyers Forum	John Dowling		у	1.00	
End Use - Small Consumers	New York Presbyterian Hospital	John Dowling		у	1.00	
End Use - Small Consumers	New York University	John Dowling		у	1.00	
End Use - Small Consumers	Refined Sugars, Inc.	John Dowling		у	1.00	
End Use - Small Consumers	William P. Short					
End Use - State Agency	NY State Consumer Protection Board	Tariq Niazi		у	1.00	
Generation Owners	AES NY	Charles Sjoberg		У	1.00	
Generation Owners	American National Power, Inc.	Dorothy Capra		у	1.00	
Generation Owners	Astoria Energy LLC					
Generation Owners	Calpine	Richard Felak		у	1.00	
Generation Owners	CH Resources	Day Charles	У			
Generation Owners	East Coast Power	Roy Shanker	У	У	1.00	
Generation Owners	Edison Mission Marketing & Trading	William Roberts		У	1.00	
Generation Owners	Entergy Nuclear Northeast	Marc Potkin		У	1.00	
Generation Owners	Indeck Energy Services	Mark Younger		У	1.00	
Generation Owners Generation Owners	KeySpan Ravenswood, Inc Mirant New York, Inc.	Dick Ackerson		У	1.00	
		Joe Holtman		У		
Generation Owners	NRG Energy	Frank Rapley		У	1.00	
Generation Owners	Orion Power New York	Mary Lynch		у	1.00	
Generation Owners Generation Owners	PG&E Generating					
Generation Owners	PSEG Energy Resources & Trade Sithe Energies, Inc.	Garry Brown		v		
Generation Owners	TransCanada Power Marketing	Garry Brown	У	У		
Non-voting	NYS Department of Public Service	Bill Heinrich		v		
•			У	У		
Other Suppliers Other Suppliers	1st Rochdale Cooperative NYC Advantage Energy, Inc.	Dan Duthie	+	v		
Other Suppliers	Aquila Energy Marketing Corp.	Richard Mooney		y y	1.00	
Other Suppliers	Automated Power Exchange (APX)	Trionard Wooney		y	1.00	
Other Suppliers	Cinergy Capital and Trading		у			
Other Suppliers	Cinergy Services		,			
Other Suppliers	Con Edison Energy	Stephen Wemple	у	у		
Other Suppliers	Con Edison Solutions	Stephen Wemple	y	ý		
Other Suppliers	Conectiv		, i	,		
Other Suppliers	Constellation Power Source	Glen McCartney		у	1.00	
Other Suppliers	Duke Energy North America, LLC			,		
Other Suppliers	Dynegy					
Other Suppliers	El Paso Merchant Energy	Alan Foster		у	1.00	
Other Suppliers	Energetix, Inc.		у			
Other Suppliers	Enron Power Marketing Inc.	Howard Fromer		у		
Other Suppliers	Exelon Generation - Power Team	Regina Carrado		у		1.00
Other Suppliers	FPL Energy					
Other Suppliers	HQ Energy Services	Michel Prevost				
Other Suppliers	KeySpan Energy Services			У	1.00	
	hoyopan Enorgy controco		у	У	1.00	
Other Suppliers	Transalta (formerly MEGA)		у	У	1.00	
Other Suppliers Other Suppliers	Transalta (formerly MEGA) Morgan Stanley Capital Group	Levon Kazarian	У	у у	1.00	
Other Suppliers Other Suppliers Other Suppliers	Transalta (formerly MEGA) Morgan Stanley Capital Group New Energy Inc.	Levon Kazarian Stephen Fernands	у			
Other Suppliers Other Suppliers Other Suppliers Other Suppliers	Transalta (formerly MEGA) Morgan Stanley Capital Group	Stephen Fernands	y y y	У	1.00	
Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers	Transalta (formerly MEGA) Morgan Stanley Capital Group New Energy Inc. Niagara Mohawk Energy Marketing NU / Select Energy	Stephen Fernands James Scheiderich		y y y		
Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers	Transalta (formerly MEGA) Morgan Stanley Capital Group New Energy Inc. Niagara Mohawk Energy Marketing NU / Select Energy Ontario Power Generation Inc.	Stephen Fernands		y y	1.00	
Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers	Transalta (formerly MEGA) Morgan Stanley Capital Group New Energy Inc. Niagara Mohawk Energy Marketing NU/ Select Energy Ontario Power Generation Inc. PP&L Energy Plus	Stephen Fernands James Scheiderich		y y y	1.00	
Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers	Transalta (formerly MEGA) Morgan Stanley Capital Group New Energy Inc. Niagara Mohawk Energy Marketing NU / Select Energy Ontario Power Generation Inc. PRAL Energy Plus PSEG Energy Technologies Inc.	Stephen Fernands James Scheiderich Erica Cheung		y y y y	1.00	
Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers Other Suppliers	Transalta (formerly MEGA) Morgan Stanley Capital Group New Energy Inc. Niagara Mohawk Energy Marketing NU / Select Energy Ontario Power Generation Inc. PP&L Energy Plus PSEG Energy Technologies Inc. Sempra Energy Trading	Stephen Fernands James Scheiderich		y y y	1.00	1.00
Other Suppliers Other Supplier	Transalta (formerly MEGA) Morgan Starley Capital Group New Energy Inc. Niagara Mohawk Energy Marketing NU/ Select Energy Ontario Power Generation Inc. PP&L Energy Plus PSEG Energy Texting Setrategic Energy LLC	Stephen Fernands James Scheiderich Erica Cheung Russel Like		y y y y y	1.00	1.00
Other Suppliers	Transalta (formerly MEGA) Morgan Stanley Capital Group New Energy Inc. Niagara Mohawk Energy Marketing NU / Select Energy Ontario Power Generation Inc. PP&L Energy Plus PSEG Energy Technologies Inc. Sempra Energy Technologies Inc. Strategic Energy LLC Strategic Power Management, Inc.	Stephen Fernands James Scheiderich Erica Cheung	у 	y y y y	1.00	1.00
Other Suppliers Other Supplier	Transelta (formerly MEGA) Morgan Stanley Capital Group New Energy Inc. Niagara Mohawk Energy Marketing NU / Select Energy Marketing Ontario Power Generation Inc. PP8LE Energy Plus PSEG Energy Technologies Inc. Sempra Energy Trading Strategic Energy LLC Strategic Energie U.S. LLd	Stephen Fernands James Scheiderich Erica Cheung Russel Like		y y y y y	1.00	1.00
Other Suppliers	Transalta (formerly MEGA) Morgan Starley Capital Group New Energy Inc. Niagara Mohawk Energy Marketing NU/ Select Energy Ontario Power Generation Inc. PP&L Energy Plus PSEG Energy Technologies Inc. Sempra Energy Trading Strategic Energy LLC Strategic Dever Management, Inc. TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co.	Stephen Fernands James Scheiderich Erica Cheung Russel Like Mario DiValentino	у 	y y y y y	1.00	
Other Suppliers Public Power - Authorities	Transalta (formerly MEGA) Morgan Stanley Capital Group New Energy Inc. Niagara Mohawk Energy Marketing NU/ Select Energy Ontario Power Generation Inc. PP&L Energy Plus PSES Energy Texhologies Inc. Sempra Energy Trading Strategic Energy LC Strategic Energy LC Strategic Power Management, Inc. TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority	Stephen Fernands James Scheiderich Erica Cheung Russel Like Mario DiValentino James Parmelee	у 	y y y y y y y	1.00	1.00
Other Suppliers	Transalta (formerly MEGA) Morgan Stanley Capital Group New Energy Inc. Niagara Mohawk Energy Marketing NU / Select Energy Marketing Ontario Power Generation Inc. PP8EG Energy Plus PSEG Energy Technologies Inc. Sempra Energy Trading Strategic Energy LLC Strategic Energy LLC Strategic Energy LLG Strategic Energy LLG Strategic Power Management, Inc. TransEnergie U.S. Ltd Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority	Stephen Fernands James Scheiderich Erica Cheung Russel Like Mario DiValentino James Parmelee Robert Gow	у 	y y y y y y y y y	1.00	
Other Suppliers	Transalta (formerly MEGA) Morgan Stanley Capital Group New Energy Inc. Niagara Mohawk Energy Marketing NU/ Select Energy Ontario Power Generation Inc. PP&L Energy Plus PSEG Energy Technologies Inc. Serropa Energy Trading Strategic Energy LLC Strategic U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority New York Power Authority	Stephen Fernands James Scheiderich Erica Cheung Russel Like Mario DiValentino James Parmelee Robert Gow Larry DeWitt	у 	y y y y y y y y y y	1.00 1.00 1.00	1.00
Other Suppliers Public Power - Authorities Public Power - Environmental Public Power - Environmental	Transalta (formerly MEGA) Morgan Stanley Capital Group New Energy Inc. Niagara Mohawk Energy Marketing NU/ Select Energy Ontario Power Generation Inc. PP&L Energy Plus PSEG Energy Plus Sempra Energy Trading Strategic Energy LLC Strategic Energy LLS. Ltd Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority New York Dower Authority Revican Wind Energy Association Environmental Advocates	Stephen Fernands James Scheiderich Erica Cheung Russel Like Mario DiValentino James Parmelee Robert Gow Larry DeWitt Larry DeWitt	у 	y y y y y y y y y y y	1.00 1.00 1.00	1.00
Other Suppliers	Transalta (formerly MEGA) Morgan Stanley Capital Group New Energy Inc. Niagara Mohawk Energy Marketing NU / Select Energy Marketing Ontario Power Generation Inc. PP&EG Energy Plus PSEG Energy Technologies Inc. Sempra Energy Trading Strategic Energy LLC Strategic Energy LLC Strategic Energy LLC Strategic Energy LLC Strategic Energy LLC Milliams Energy Marketing & Trading Co. Long Island Power Authority American Wind Energy Association Environmental Advocates Natl Resources Defense Council	Stephen Fernands James Scheiderich Erica Cheung Russel Like James Parmelee Robert Gow Larry DeVitt Larry DeVitt	у 	y y y y y y y y y y y	1.00 1.00 1.00 1.00 1.00 1.00	1.00
Other Suppliers Public Power - Environmental Public Power - Environmental Public Power - Environmental	Transalta (formerly MEGA) Morgan Stanley Capital Group New Energy Inc. Niagara Mohawk Energy Marketing NU / Select Energy Ontario Power Generation Inc. PP&L Energy Pus PSEG Energy Testmologies Inc. Sempra Energy Trading Strategic Energy LLC Strategic Energy LLC Strategic U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Natl Resources Defense Council Pace University	Stephen Fernands James Scheiderich Erica Cheung Russel Like Mario DiValentino James Parmelee Robert Gow Larry DeWitt Larry DeWitt Larry DeWitt	у 	y y y y y y y y y y y y y	1.00 1.00 1.00 1.00 1.00 1.00 1.00	1.00
Other Suppliers Public Power - Authorities Public Power - Environmental	Transalta (formerly MEGA) Morgan Starley Capital Group New Energy Inc. Niagara Mohawk Energy Marketing NU/ Select Energy Ontario Power Generation Inc. PP&L Energy Plus PSEG Energy Trading Strategic Energy LIC Strategic Energy LLC Strategic Energy LLC Willams Energy Marketing & Trading Co. Long Island Power Authority Nemcina Under Energy Association Environmental Advocates Nath Resources Defense Council Pace University Sceric Hudson	Stephen Fernands James Scheiderich Erica Cheung Russel Like Mario DiValentino James Parmelee Robert Gow Larry DeVitt Larry DeVitt Larry DeVitt Larry DeVitt Larry DeVitt	у 	y y y y y y y y y y y y y y y	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	1.00
Other Suppliers Public Power - Environmental Public Power - Environmental Public Power - Environmental Public P	Transalta (formerly MEGA) Morgan Stanley Capital Group New Energy Inc. Niagara Mohawk Energy Marketing NU/ Select Energy Marketing Ontario Power Generation Inc. PPRLE Energy Plus PSEG Energy Technologies Inc. Sempra Energy Trading Strategic Energy LLC Strategic Energy LLC Strategic Energy LLC Strategic Power Management, Inc. TransEnergie U.S. Ltd Williams Energy Marketing & Trading Co. Long Island Power Authority American Wind Energy Association Environmental Advocates Natl Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems	Stephen Fernands James Scheiderich Erica Cheung Russel Like Mario DiValentino James Parmelee Robert Gow Larry DeVitt Larry DeVitt Larry DeVitt Larry DeVitt Tor Rudebusch	у 	y y y y y y y y y y y y y y y y y	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	1.00
Other Suppliers Public Power - Environmental Public Power - Environmental Public Power - Munis & Co-ops Public Power - Munis & Co-ops	Transalta (formerly MEGA) Morgan Stanley Capital Group New Energy Inc. Niagara Mohawk Energy Marketing NU/ Select Energy Ontario Power Generation Inc. PP&L Energy Pus PSEG Energy Technologies Inc. Sempra Energy Trading Strategic Energy LLC Strategic Energy LLC Strategic U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Natl Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Util.	Stephen Fernands James Scheiderich Erica Cheung Russel Like Mario DiValentino James Parmelee Robert Gow Larry DeWitt Larry DeWitt Larry DeWitt Larry DeWitt Torn Rudebusch David Gustafson	у 	y y y y y y y y y y y y y y y y y y	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	1.00
Other Suppliers Public Power - Authonities Public Power - Environmental Public Power - Environmental Public Power - Environmental Public Power - Munis & Co-ops Public Power - Munis & Co-ops Public Power - Munis & Co-ops	Transalta (formerly MEGA) Morgan Starley Capital Group New Energy Inc. Niagara Mohawk Energy Marketing NU / Select Energy Ontario Power Generation Inc. PP&L Energy Plus PSEG Energy Plus PSEG Energy Trading Strategic Energy LLC Strategic Energy LLC Strategic Energy LLC Strategic Energy LLC Strategic Narketing & Trading Co. Long Island Power Authority New York Power Authority Scenic Hudson Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Util. Plattsburgh Municipal Lighting Dept.	Stephen Fernands James Scheiderich Erica Cheung Russel Like Mario DiValentino James Parmelee Robert Gow Larry DeVitt Larry DeVitt Larry DeVitt Larry DeVitt Larry DeVitt Larry DeVitt David Gustafson Tom Rudebusch	у 	y y y y y y y y y y y y y y y y y y y	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	1.00
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Other Suppliers Public Power - Authorities Public Power - Environmental Public Power - Munis & Coops Public Power - Munis & Coops <	Transalta (formerly MEGA) Morgan Stanley Capital Group New Energy Inc. Nagara Mohawk Energy Marketing NU / Select Energy Ontario Power Generation Inc. PP&L Energy Plus PSEG Energy Teding Strategic Energy LLC Strategic Energy LLC Strategic Energy ULC Strategic Energy ULC Strategic Namagement, Inc. TransEnergic U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Natt Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Util. Platage of Fairport Village of Freeport	Stephen Fernands James Scheiderich Erica Cheung Russel Like Mario DiValentino James Parmelee Robert Gow Larry DeWitt Larry DeWitt Larry DeWitt Larry DeWitt Larry DeWitt David Gustafson Tom Rudebusch Tom Rudebusch	у 	y y y y y y y y y y y y y y y y y y y	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	1.00
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New York Independent System Operator

Business Issues Committee - November 15, 2001

Motion: Motion #6

Result: Motion Failed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against
Generation Owners	21.5	~	~	21.50	8.00	0.00	2	21.50	0.00
Other Suppliers	21.5	~	✓	21.50	9.00	2.00	1	17.59	3.91
Transmission Owners	20.0	~	✓	20.00	0.00	5.00	0	0.00	20.00
End Use Consumers Large Consumers Large Cons. Gov. Agency Small Consumers	9.0 2.0 4.5	*	~	9.00 2.00 4.50	0.00 0.00 0.00	5.00 1.00 11.00	0 0 1	0.00 0.00 0.00	9.00 2.00 4.50
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New York Independent System Operator Business Issues Committee - November 15, 2001

Motion Motion #6

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Transmission Owners Central Hudson Gas & Electric James Valleau y 1.00 Transmission Owners Consolidated Edison Gerry Dunbar y 1.00 Transmission Owners Niagara Mohawk Power Company Jerry Ancona y 1.00 Transmission Owners Niagara Mohawk Power Company Jerry Ancona y 1.00 Transmission Owners NY State Electric Gas (NYSEG) Rick Manoni y 1.00 Transmission Owners Orange & Rockland, Inc. y 1.00 Transmission Owners Rochester Gas & Electric Laurie King-Pirchner y 1.00 Non-voting American Electric Power (AEP) y 1.00 1.00							1.00
Transmission Owners Niagara Mohawk Power Company Jerry Ancona y 1.00 Transmission Owners NY State Electric Gas (NYSEG) Rick Mancini y 1.00 Transmission Owners Orange & Rockland, Inc. y 100 Transmission Owners Rochester Gas & Electric Laurie King-Pirchner y 1.00 Non-voting American Electric Power (AEP) y 1.00 Non-voting New Member y 1.00	Public Power - Munis & Co-ops Public Power - Munis & Co-ops		James Valleau		у		1.00
Transmission Owners Niagara Mohawk Power Company Jerry Ancona y 1.00 Transmission Owners NY State Electric Gas (NYSEG) Rick Mancini y 1.00 Transmission Owners Orange & Rockland, Inc. y 100 Transmission Owners Rochester Gas & Electric Laurie King-Pirchner y 1.00 Non-voting American Electric Power (AEP) y 1.00 Non-voting New Member y 1.00	Public Power - Munis & Co-ops Public Power - Munis & Co-ops						
Transmission Owners Orange & Rockland, Inc. y y 1 Transmission Owners Rochester Gas & Electric Laurie King-Prichner y 1.00 Non-voting American Electric Power (AEP) y 1 100 Non-voting New Member y 1 100	Public Power - Munis & Co-ops Public Power - Munis & Co-ops Transmission Owners	Central Hudson Gas & Electric Consolidated Edison	Gerry Dunbar		у		
Transmission Owners Rochester Gas & Electric Laurie King-Pirchner y 1.00 Non-voting American Electric Power (AEP) y Non-voting New Member y	Public Power - Munis & Co-ops Public Power - Munis & Co-ops Transmission Owners Transmission Owners Transmission Owners	Central Hudson Gas & Electric Consolidated Edison Niagara Mohawk Power Company	Jerry Ancona				1.00
Non-voting American Electric Power (AEP) y Non-voting New Member y	Public Power - Munis & Co-ops Public Power - Munis & Co-ops Transmission Owners Transmission Owners Transmission Owners	Central Hudson Gas & Electric Consolidated Edison Niagara Mohawk Power Company NY State Electric Gas (NYSEG)	Jerry Ancona		у		1.00
Non-voting New Member y .	Public Power - Munis & Co-ops Public Power - Munis & Co-ops Transmission Owners Transmission Owners Transmission Owners Transmission Owners Transmission Owners	Central Hudson Gas & Electric Consolidated Edison Niagara Mohawk Power Company NY State Electric Gas (NYSEG) Orange & Rockland, Inc.	Jerry Ancona Rick Mancini	у	y y		1.00 1.00
	Public Power - Munis & Co-ops Public Power - Munis & Co-ops Transmission Owners Transmission Owners Transmission Owners Transmission Owners Transmission Owners Transmission Owners	Central Hudson Gas & Electric Consolidated Edison Niagara Mohawk Power Company NY State Electric Gas (NYSEG) Orange & Rockland, Inc. Rochester Gas & Electric	Jerry Ancona Rick Mancini		y y		1.00 1.00
	Public Power - Munis & Co-ops Public Power - Munis & Co-ops Transmission Owners Transmission Owners Transmission Owners Transmission Owners Transmission Owners Non-voting	Central Hudson Gas & Electric Consolidated Edison Niagara Mohawk Power Company NY State Electric Gas (NYSEG) Orange & Rockland, Inc. Rochester Gas & Electric American Electric Power (AEP)	Jerry Ancona Rick Mancini	у	y y		1.00 1.00

New York Independent System Operator

Business Issues Committee - November 15, 2001

Motion: Motion #5

Result: Motion Passed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against
Generation Owners	21.5	✓	~	21.50	0.00	7.00	3	0.00	21.50
Other Suppliers	21.5	~	✓	21.50	2.00	8.00	2	4.30	17.20
Transmission Owners	20.0	~	✓	20.00	5.00	0.00	0	20.00	0.00
End Use Consumers Large Consumers	9.0	~	~	9.00	5.00	0.00	0	9.00	0.00
Large Cons. Gov. Agency	2.0	×		2.00	1.00	0.00	0	2.00	0.00
Small Consumers Gov. State-wide Cons. Advocate		✓ ✓		4.50 2.70	11.00 1.00	0.00 0.00	1 0	4.50 2.70	0.00 0.00
Gov. Sm. Cons. & Retail Aggr.	1.8	~		1.80	1.00	0.00	0	1.80	0.00
Public Power	8	./	~	0.00	2.00	0.00	0	8.00	0.00
State Power Authorities Munis and Coops	о 7	v v		8.00 7.00	2.00 7.00	0.00 0.00	0 0	8.00 7.00	0.00 0.00
Environmental	2	1		2.00	5.00	0.00	0	2.00	0.00
<u> </u>		<u> </u>	5	100.00	40.00	15.00	6	61.30	38.70
				100.00 No	ormalized	to 100% :		61.30	38.70

New York Independent System Operator Business Issues Committee - November 15, 2001

Motion Motion #5

Sector	Organization	Representative	dl∆ffiliato	Present	For	Against
End Use - Gov. Agency/Aggr.	NYS Energy Research & Develop. Auth.	Representative	- mate	. issent	1 1 1	gana
End Use - Gov. Agency/Aggr.	The City of New York	Jay Kooper		у	1.00	
End Use - Large Consumers	Alcoa/Reynolds Metals Company	Michael Mager		у	1.00	
End Use - Large Consumers	Amerada Hess Corporation					
End Use - Large Consumers	ATCO Management Co. IBM Corporation	Michael Magor		Y.	1.00	
End Use - Large Consumers End Use - Large Consumers	Occidental Chemical Corp.	Michael Mager Michael Mager		y y	1.00	
End Use - Large Consumers	Praxair Inc.	Michael Mager		y	1.00	
End Use - Large Consumers	Xerox Corporation	Michael Mager		у	1.00	
End Use - Large Cons. Gov.	Metropolitan Transportation Authority	Jesse Samberg		У	1.00	
End Use - Small Consumers End Use - Small Consumers	Aaron Breidenbaugh Association for Energy Affordability, Inc.	Aaron Breidenbaugh Larry DeWitt		y y	1.00	
End Use - Small Consumers	Beth Israel Health Care System	John Dowling		y	1.00	
End Use - Small Consumers	Building and Realty Institute	John Dowling		у	1.00	
End Use - Small Consumers	Caithness Energy, L.L.C					
End Use - Small Consumers End Use - Small Consumers	Citizens Advisory Panel CNYC Inc. (Council of NY Coop & Condo)	Larry DeWitt John Dowling		y v	1.00	
End Use - Small Consumers	Columbia University	John Dowling		y y	1.00	
End Use - Small Consumers	Hudson River Energy Group	contributing		,	1.00	
End Use - Small Consumers	Mount Sinai Medical Center	John Dowling		у	1.00	
End Use - Small Consumers	New York Energy Buyers Forum	John Dowling		у	1.00	
End Use - Small Consumers End Use - Small Consumers	New York Presbyterian Hospital New York University	John Dowling		у	1.00	
End Use - Small Consumers	Refined Sugars, Inc.	John Dowling John Dowling		y y	1.00	
End Use - Small Consumers	William P. Short			,		
End Use - State Agency	NY State Consumer Protection Board	Tariq Niazi		у	1.00	
Generation Owners	AES NY	Charles Sjoberg		У		
Generation Owners Generation Owners	American National Power, Inc.	Dorothy Capra		у		1.00
Generation Owners Generation Owners	Astoria Energy LLC Calpine	Richard Felak		у		
Generation Owners	Capine CH Resources		у	,		
Generation Owners	East Coast Power	Roy Shanker	y	у		
Generation Owners	Edison Mission Marketing & Trading	William Roberts		У		
Generation Owners Generation Owners	Entergy Nuclear Northeast	Marc Potkin		У		1.00
Generation Owners Generation Owners	Indeck Energy Services KeySpan Ravenswood, Inc	Mark Younger Dick Ackerson		y v		1.00
Generation Owners	Mirant New York, Inc.	Joe Holtman		y y		1.00
Generation Owners	NRG Energy	Frank Rapley		y		1.00
Generation Owners	Orion Power New York	Mary Lynch		у		1.00
Generation Owners	PG&E Generating					
Generation Owners Generation Owners	PSEG Energy Resources & Trade Sithe Energies, Inc.	Garry Brown	v	у		
Generation Owners	TransCanada Power Marketing	Garly Brown	,	,		
Non-voting	NYS Department of Public Service	Bill Heinrich	у	у		
Other Suppliers	1st Rochdale Cooperative NYC					
Other Suppliers	Advantage Energy, Inc.	Dan Duthie	-	у	1.00	1.00
Other Suppliers Other Suppliers	Aquila Energy Marketing Corp. Automated Power Exchange (APX)	Richard Mooney		У		1.00
Other Suppliers	Cinergy Capital and Trading		у			
Other Suppliers	Cinergy Services					
Other Suppliers	Con Edison Energy	Stephen Wemple	У	У		
Other Suppliers Other Suppliers	Con Edison Solutions Conectiv	Stephen Wemple	У	у		
Other Suppliers	Constellation Power Source	Glen McCartney		у		1.00
Other Suppliers	Duke Energy North America, LLC	Clon moduluity		,		1.00
Other Suppliers	Dynegy					
Other Suppliers	El Paso Merchant Energy	Alan Foster		У		1.00
Other Suppliers	Energetix, Inc.	Heurerd Fremer	У			1.00
Other Suppliers Other Suppliers	Enron Power Marketing Inc. Exelon Generation - Power Team	Howard Fromer Regina Carrado		y y		1.00 1.00
Other Suppliers	FPL Energy	rtogina oanado		,		1.00
Other Suppliers	HQ Energy Services	Michel Prevost		у		1.00
Other Suppliers	KeySpan Energy Services		У			
Other Suppliers	Transalta (formerly MEGA)	Laura Kanadan				1.00
Other Suppliers Other Suppliers	Morgan Stanley Capital Group New Energy Inc.	Levon Kazarian Stephen Fernands	v	y y		1.00
Other Suppliers	Niagara Mohawk Energy Marketing	eter torrando	y	,		
Other Suppliers	NU / Select Energy	James Scheiderich		у		
Other Suppliers	Ontario Power Generation Inc.	Erica Cheung		у		
Other Suppliers Other Suppliers	PP&L Energy Plus PSEG Energy Technologies Inc.					
Other Suppliers Other Suppliers	Sempra Energy Trading	Tom Halleran		у		1.00
Other Suppliers	Strategic Energy LLC			,		
Other Suppliers	Strategic Power Management, Inc.	Mario DiValentino		у	1.00	
Other Suppliers	TransÉnergie U.S. Ltd.		У			
Other Suppliers	Williams Energy Marketing & Trading Co. Long Island Power Authority	James Downlas			1.00	
Public Power - Authorities Public Power - Authorities	Long Island Power Authority New York Power Authority	James Parmelee Robert Gow		y y	1.00	
Public Power - Environmental	American Wind Energy Association	Larry DeWitt		y y	1.00	
Public Power - Environmental	Environmental Advocates	Larry DeWitt		y	1.00	
Public Power - Environmental	Nat'l Resources Defense Council	Larry DeWitt		у	1.00	
Public Power - Environmental	Pace University	Larry DeWitt		у	1.00	
Public Power - Environmental Public Power - Munis & Co-ops	Scenic Hudson Bath Electric, Gas & Water Systems	Larry DeWitt Tom Rudebusch		у	1.00	
Public Power - Munis & Co-ops Public Power - Munis & Co-ops	City of Jamestown Board of Pub. Util.	David Gustafson		y y	1.00	
Public Power - Munis & Co-ops	Plattsburgh Municipal Lighting Dept.	Tom Rudebusch		у	1.00	
Public Power - Munis & Co-ops	Village of Fairport	Tom Rudebusch		у	1.00	
Public Power - Munis & Co-ops	Village of Freeport	Anthony Fiore		у	1.00	
Public Power - Munis & Co-ops	Village of Rockville Centre	Tom Rudebusch Tom Rudebusch		у	1.00	
Public Power - Munis & Co-ops Transmission Owners	Village of Westfield Central Hudson Gas & Electric	James Valleau		у	1.00	
Transmission Owners	Consolidated Edison	Gerry Dunbar		y	1.00	
Transmission Owners	Niagara Mohawk Power Company	Jerry Ancona		y	1.00	
Transmission Owners	NY State Electric Gas (NYSEG)	Rick Mancini		У	1.00	
Transmission Owners	Orange & Rockland, Inc.		У		1.00	
	Deckector Coo & Electric					
Transmission Owners	Rochester Gas & Electric American Electric Power (AEP)	Laurie King-Pirchner	v	У	1.00	
	Rochester Gas & Electric American Electric Power (AEP) New Member	Laurie King-Pirchner	y y	У	1.00	