

-This draft includes the 9/24/02 Revisions from Doreen Saia-

July 24, 2002 and July 29, 2002

NYISO Business Issues Committee Meeting Minutes

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

July 24, 2002

I. Welcome and Meeting Objectives

Mr. Stephen Wemple, Chairperson of the Business Issues Committee (BIC), called the meeting to order at 9:32 A.M. and welcomed the members of the BIC. The attendees introduced themselves and named the companies that they represent.

II. Approval of the Minutes

Minutes for the May 22, 2002 and June 26, 2002 BIC meetings were approved and will be posted to the NYISO Web site.

Motion #1:

Motion to approve the minutes from the May 22, 2002 and June 26, 2002 Business Issues Committee Meetings.

(Motion passed unanimously by a show of hands)

III. Chairperson's Report

After presenting an overview of the agenda and items to be acted upon, Mr. Wemple mentioned plans to analyze the PPT Project Priority Resource Gant(?) chart for potential resource conflicts. Suggestions on re-allocating the resources will be documented during an upcoming meeting and presented to the Management Committee for consideration at their next meeting on Thursday, August 8, 2002.

IV. Regional Market Enhancements

Open Scheduling System – Project Update

Mr. Michael Martin, of the NYISO, presented an update on the Open Scheduling System (OSS) Project. Mr. Martin began his presentation by differentiating between OSS (the technology enabling communication within and across Control Areas) and the Northeast Energy Portal (the first realistic implementation of OSS). He then outlined OSS's benefits and concluded with a timeline of the project plan. According to Mr. Martin, the plan is currently at the mid-development point.

Mr. Rick Mancini, of NYSEG, [voiced the concern that a PJM node will be available at the end of the year, but a coordinated checkout will not occur until the project is complete, and therefore](#) asked when the Automated Check-out Process will be available. Mr. Martin stated that it will become available when an OSS node is in place at two areas.

[According to Mr. Martin, the PJM “proxy” node will be available in phase 1, targeted for the end of the year, but the proxy node is not a fully functioning OSS node. Instead, it will use PJM’s existing upload/download interface. For a coordinated checkout, a full OSS node is required to be in place at another ISO/RTO.](#)

Regional Market Enhancements

Mr. Charles King, of the NYISO, informed the committee of recent progress on resolving seams issues. Mr. King mentioned that the seams list contains a description of each issue and an updated report on its status. He also mentioned that several new issues have been added to the seams list. He said that they were close to finalizing the documents to present to FERC. In conclusion, Mr. King mentioned plans to possibly form an ad-hoc group for addressing specific issues such as: the Controllable Line Cable, Ramping, and Capacity. Mr. King assured the group that as the status of the seams issues list changes, he plans to continue providing them with updates.

Mr. Jim Parmelee, of LIPA, inquired about the process for submitting Market Participant input on the seams issues. Mr. King and Mr. Wemple both replied that Market Participant input should be directed towards the Market Structures Working Group. This will ensure that the NYISO is focusing on the right issues and that Market Participants are in agreement with the prioritization of the issues.

VI. Market Operations Report

Dr. James Savitt, of the NYISO, presented the NYISO Market Operations Report. Mr. Ray Kinney, of NYSEG, questioned if the benefit of maintaining the high level of CPS2 was worth the cost. Dr. Savitt replied this was an operations issue, not a Market Monitoring issue ~~and that he had no thoughts on this yet~~. Mr. Jim Parmelee, of LIPA, questioned why reserve pickups had increased. Mr. Wes Yeomans, of National Grid, stated that Mr. Calimano and Mr. Campoli of the NYISO were reviewing this issue to first determine if we have a control problem. This is an action item and they will report their findings to the OC. Mr. Garry Brown, of Exelon, questioned why June showed the largest variation between Day-Ahead prices and Real-Time prices. Mr. Brown was also concerned that something unusual was going on the last week of June, and that they were interested what effect software changes had on the market. Dr. Savitt responded that they were having software problems, and they would report the data when it becomes available.

VI. Peak Day Pricing on June 27 and July 2-3, 2002

Dr. David Patton, independent market advisor, gave a preliminary analysis on the peak day

pricing on June 27 and July 2-3, 2002 and the significant number of OOMs. As follow up action items, Dr. Patton agreed to explain why the following were considered OOM: units dispatched that should set prices for load and reserves and for load pockets, and “other” (not falling under normal circumstances such as specific voltage problems and unit problems). [The charts presented by Dr. Patton show that, in some hours on June 27th and July 2nd, there were apparent reserve deficiencies. Patton stated that the pricing question was what should have occurred when this apparent deficiency took place.](#) He also agreed to elaborate on “being short” [of reserves](#) and verify the energy schedules and release the correct values. [Some parties questioned why EDRP had not been called on these days. In response to a question from Mr. Younger, Dr. Patton stated, if EDRP had been called on these days, it should be eligible to set price when it is needed to meet load.](#)

VII. Report on SRE/Out-of-Merit Issues

Mr. Michael Calimano, of the NYISO, reviewed Out of Merit generation on July 5 for a multiple contingency that occurred as a result of a fire at the Sprainbrook Substation. Mr. Mark Younger, representing Indeck Energy, questioned why the storm-watch procedure couldn't have been used with SCD. He stated that had that been done, rather than continue to operate the system manually after the generation was balanced, SCD could have calculated more accurate prices. He asked if SCD could be re-run now to calculate what the prices would have been. Mr. Calimano responded that they were dealing with multiple contingencies and it took time to ensure that the system was stable. The NYISO doesn't have the capability to re-run SCD.

VIII. Proposed Working Capital Policy

Mr. Ragogna presented the proposed NYISO Working Capital Policy to the Committee, [to be effective on an interim basis pending the implementation of the new comprehensive Financial Assurance Policy, consistent with the policy framework approved by the Management Committee on June 13, 2002. -subject to filing with, and approval by, the FERC.](#)

~~A motion was made to approve the NYISO Working Capital Policy, and after being amended, the BIC approved.~~

[Mr. Tom Rudebusch, on behalf of the Municipal Electric Utilities, requested that the policy be amended so that a Party's contribution to working capital would be counted towards that Party's collateral requirement, as that requirement is determined in accordance with the NYISO's Financial Assurance Policy. This request was deemed to be an unfriendly amendment, but was approved by the Committee.](#)

[The Working Capital Policy, as amended, was approved.](#)

Motion #2:

Motion to approve the NYISO interim Working Capital Policy as reviewed by the Credit

Policy Working Group and presented to the BIC on July 24, 2002. The BIC recommends striking Section IX from the Policy.

(Motion passed, after being amended by Motion #3, unanimously by a show of hands with abstentions)

Motion #3:

Motion to amend Motion #2 to allow working capital to be considered collateral.

(Motion passed with 82.08 % affirmative votes)

IX. Proposed Bad Debt Losses Policy

Mr. Andrew Ragona, of the NYISO, presented the proposed Bad Debt ~~policy~~ Policy to ~~BIC~~ the Committee. Mr. Rudebusch requested that the policy be amended to delete “transmission customer” and replace it with “customer” to make the policy consistent with the NYISO’s existing Financial Assurance Policy attached to every customer’s service agreement with the NYISO. However, Ms. Doreen Saia, of Mirant New York, Inc., noted that changing the term from “Transmission Customer” to “Customer” would be inconsistent with the currently effective tariff language. Mr. Rudebusch’s request was deemed to be a friendly amendment by the movants of the motion and was incorporated into Motion #4. Ms. Doreen Saia, of Mirant New York, Inc., requested that Mr. Rudebusch a clarification for be included in the the minutes with respect to the proposed amendment that, while it is an interim policy, generators and suppliers will not be charged until and unless a Tariff change is approved. Mr. Rudebusch declined to make that clarification on grounds that the proposed interim Bad Debt Loss Policy should not change the existing Financial Assurance Policy or the NYISO’s Tariffs, and was intended to “fill in the details” until the new comprehensive Financial Assurances Policy is implemented.

Mr. Rudebusch also proposed that the policy be amended in cases where a default occurs after a final settlement adjustment invoice has been issued, so that the NYISO will recover the bad debt loss from those Customers in the market at the time the Default occurs, via an adjustment to an upcoming invoice, rather than make a further adjustment to the previously issued “final” settlement invoices. This amendment was deemed to be unfriendly.

The ~~associated~~ Bad Debt Loss Policy motion and proposed amendment were both tabled. Mr. Wemple then suggested that the Credit Policy Working Group should meet again to accommodate various amendments.

Motion #4:

Motion to approve the NYISO Bad Debt Losses Policy as reviewed by the Credit Policy Working Group and modified by the BIC on July 24, 2002 by deleting “from transmission customers” from the interim Bad Debt Losses Policy and Procedure on the third paragraph of page 1 and replace “transmission customers” with “customers” in any other place it appears in the Policy.

(Motion Tabled, see Motion #6)

Motion #5:

Motion to amend Motion #4 to replace 5th paragraph under “3. Recovery of Bad Debt Loss” in the Bad Debt Losses Policy and Procedure.

In cases where a Default occurs after a final settlement adjustment invoice has been tendered, the NYISO will recover the bad debt loss from those Customers in the markets during the month the Default occurs, via an adjustment to an upcoming invoice. For example, a Default occurs in June 2002 based on a May 2002 final settlement invoice, for service in May 2000, and the bad debt loss is charged to Customers in the markets in June 2002.

(Motion Tabled, see Motion #6)

Motion #6:

Motion to table Motion #4

(Motion passed with 78.00 % affirmative votes)

X. Motion to Amend Article VI of the Market Services Tariff and Attachment F of the OATT

Ms. Elizabeth Grisaru, of the NYISO, presented the proposal to amend Article VI of the Market Services Tariff and Attachment F of the OATT. She stated that the NYISO would like to exchange Market Participant data with PJM and ISO-NE but the Tariff prohibits it. This change would allow the ISOs to react more quickly to problems and help produce a more effective resolution. After discussion, it was concluded that, rather than acting upon the Motion at this BIC meeting, the issue should be reviewed at an upcoming Scheduling and Pricing Working Group meeting. The group decided that this issue needs to be discussed in a working group before BIC acts on it.

XI. Proposed Tariff Changes and ICAP Manual Changes Related to Installed Capacity Market Design

Mr. John Charlton, of the NYISO, presented a proposal to general changes to the Services Tariff and the ICAP manual. The motion was approved.

Motion #7:

Motion to amend the NYISO Services Tariff and Installed Capacity Manual as Proposed by the Installed Capacity Working Group, General Amendments.

NOW, THEREFORE, IT IS MOVED that the Business Issues Committee approves the attached proposed revisions to the NYISO Services Tariff and Installed Capacity Manual and recommend the Services Tariff revisions to the Management Committee for approval and subsequent submittal by NYISO staff to FERC.

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

XII. Working Group Updates

Updates were provided on the following working groups:

Price Responsive Load Working Group (PRL): Mr. Robert Loughney, PRL Chair, reported that PRL discussed concerns related to EDRP, seams issues and potential changes to the manner in which SCR and EDRP resources are called upon. They also reviewed the status of the EDRP program, and its relationship with the SCR program.

Scheduling and Pricing Working Group (S&P): Mr. Ray Kinney, Chair of the S&P WG, mentioned that the S&P's focus has been on EDRP resources, OOM/SRE issues, and the Station Service.

Market Structure Working Group (MSWG): Mr. Jim Scheiderich, MSWG Chair, summarized the group's main concentration: on seams issues, controllable line scheduling, and the RTS.

XIII. Meeting Recessed

The BIC meeting was recessed at 4:30 P.M. until Monday, July 29, 2002 at 10 A.M.

July 29, 2002

XIV. Welcome and Meeting Objectives

Mr. Larry Dewitt, Vice-Chairperson of the Business Issues Committee (BIC), reconvened the meeting, called the meeting to order at 10:06 A.M., and welcomed the members of the BIC. The attendees introduced themselves and named the companies that they represent.

XV. ICAP Issues

Proposals relating to Unforced Capacity Deliverability Rights (UDRs) and External ICAP Import Rights were both referred back to the ICAP working group.

XVI. RTS Project Status

Mr. Bob Thompson and Mr. Robb Pike, of the NYISO, presented an update on the status (not the design) ~~(need to ask you a question on this)~~ of the RTS Project. The three options discussed were: delay implementation until the NERTO is formed – doing extensive work to maintain the current infrastructure; implement RTS before the NERTO is formed – but

incorporate the New England market vision; or proceed with implementation of RTS now. This issue will be discussed at the August Management Committee meeting, at which time the NYISO will receive input from the Market Participants on their proposal ~~vote is scheduled at its August meeting to approve whether~~ to proceed with RTS now.

XVII. Station Power

Mr. Rick Hoefer, of the NYISO, presented the NYISO's plan to comply with FERC's order on Station Power accounting. The group agreed that this issue should be discussed further in the S&P Working Group, and that issues should be forwarded to Mr. Ray Stalter, of the NYISO.

XVIII. Autumn 2002 TCC Auction

Mr. Greg Williams, of the NYISO, gave a report on the Autumn 2002 TCC Auction. 15% of system capability will be offered as one year TCCs while 55% of system capability will be offered as six month TCCs. The TOs have approved a reduction in the number of Stage 1 rounds for one year TCCs. The auction will begin in the third week of August.

XII. Adjournment

The meeting was adjourned at 12:28 P.M.

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

Business Issues Committee – Action Item Listing

Number	Action Items	Assigned to
BIC.07.24.02-1	Research the CPS2 issue – possibility of a cost benefit analysis; whether a control problem exists; and what criteria is necessary to call reserve pickups a non-contingency item.	M. Calimano / G. Campoli
BIC 07.24.02-2	Analyze how much the decline in LBMPs (since June 2000) is influenced by changes in the market.	J. Savitt
BIC 07.24.02-3	Analyze the effects of price changes of fuel on prices and impact on mitigation.	J. Savitt
BIC 07.24.02-4	Put information found in Untitled Graph (on congestion, losses, and energy) in a zonal breakdown.	J. Savitt
BIC 07.24.02-5	Provide comment on whether the NYISO has seen an increase in exports or imports at the NE interface.	J. Savitt
BIC 07.24.02-6	Examine the three types of OOMs--Reserve, Load Pockets, and Others--and determine and outline their differences.	D. Patton/J. Savitt
BIC 07.24.02-7	(Re. Reserve Pick-up) Outline the difficulties involved in manually dispatching SCD. Determine the best way to adjust the units.	M. Calimano
BIC 07.24.02-8	Report to the BIC on the number of hours per day that mitigation takes place.	J. Savitt
BIC 07.24.02-9	Provide comments to BIC on variations in DA and RT prices, specifically 6/2/02--why were the variations so large? -Provide comment on trends.	J. Savitt

NYISO Business Issues Committee Meeting

July 24, 2002

NYS Nurses Association, Albany, NY

SUMMARY OF MOTIONS

Motion #1:

Motion to approve the minutes from the May 22, 2002 and June 26, 2002 Business Issues Committee Meetings.

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Motion #7:

Motion to amend the NYISO Services Tariff and Installed Capacity Manual as Proposed by the Installed Capacity Working Group, General Amendments

WHEREAS, the Installed Capacity working group has reviewed and proposed changes to the NYISO Services Tariff and Installed Capacity Manual;

WHEREAS, these changes have been approved by the Installed Capacity working group;

WHEREAS, the proposed revisions to the Installed Capacity Manual, where corresponding to proposed changes to the Services Tariff, will be implemented following FERC approval of the proposed Services Tariff revisions;

WHEREAS, the proposed revisions to the Installed Capacity Manual that are not dependent on Services Tariff changes will be implemented upon Business Issue Committee approval;

NOW, THEREFORE, IT IS MOVED that the Business Issues Committee approves the attached proposed revisions to the NYISO Services Tariff and Installed Capacity Manual and recommend the Services Tariff revisions to the Management Committee for approval and subsequent submittal by NYISO staff to FERC.

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

New York Independent System Operator - Committee Membership

Business Issues Committee - Attendance July 24, 2002 - Albany, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
NYS Energy Research & Develop. Auth.	End Use - Gov. Agency/Aggr.	Paul DeCotis							
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	Michael Mager					
ATCO Management Co.	End Use - Large Consumer	Peter DiCapua	Scott Petersen	George Diamantopoulos	Steven Latargia				
IBM Corporation	End Use - Large Consumer	✓ Robert Loughney	Michael Mager	Michael Mager					
Occidental Chemical Corp.	End Use - Large Consumer	✓ Robert Loughney	Michael Mager	Michael Mager					
Praxair Inc.	End Use - Large Consumer	Christian Lenci	✓ Robert Loughney	Michael Mager					
Xerox Corporation	End Use - Large Consumer	✓ Robert Loughney	Michael Mager	Michael Mager					
Metropolitan Transportation Authority	End Use - Large Cons. Gov.	Jesse Samberg	Gary Caplan	Walter McCarroll					
Aaron Breidenbaugh	Non-voting	✓ Aaron Breidenbaugh							
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			
Caithness Energy, L.L.C	End Use - Small Consumer	None Assigned	Jack Feinstein						
Cianbro Corporation	End Use - Small Consumer	Ed Krapels	Brian Chernack	Peter Flemming					✓ John Thompkins
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			
Hudson River Energy Group	End Use - Small Consumer	Frank Radigan							
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	Marjorie Ochroch	Ted Lee	David Bomke	✓ Tariq Niazi				
New York Presbyterian Hospital	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner			
New York University	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner			
Refined Sugars, Inc.	End Use - Small Consumer	John Gebhard	Quintin George	Catherine Luthin	✓ John Dowling	Jennifer Kearney			
William P. Short	End Use - Small Consumer	William Short	Marc Schaefer	Joe DeVito	John Brodbeck	Ron Matlock	Paul Savage	Roberto Denis	
NY State Consumer Protection Board	End Use - State Agency	✓ Tariq Niazi	Doug Elfner						✓ Elena Jaffe
AES NY	Generation Owners	Doug Roll	Charles Sjoberg	✓ Christopher Wentlent					
American National Power, Inc.	Generation Owners	Dorothy Capra	Bill Henson						
Astoria Energy LLC	Generation Owners	William May	Leonard Singer						
Calpine	Generation Owners	John Eff	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					✓ Jose Arce, A. Klein
Entergy Nuclear Northeast	Generation Owners	✓ Marc Potkin	William Stone	✓ Ron Mackowiak					
Indeck Energy Services	Generation Owners	Mike Ferguson	John Schrage	✓ Mark Younger					
KeySpan Ravenswood, Inc	Generation Owners	Rich Hohlman	Joseph Vignola	✓ Dick Ackerson	✓ James D'Andrea	Terrence Kain	Ron Lukas		
Mirant New York, Inc.	Generation Owners	Vicki Lynch	None Assigned	None Assigned	✓ Doreen Saia	Couch White		✓ Len Singer	
NRG Energy	Generation Owners	Joe DeVito	✓ Frank Rapley	Paul Savage	Marc Dworkin	Ruben Brown	✓ Peter Chamberlain	Chris Young	
Orion Power New York	Generation Owners	✓ John Reese	Bruce Bleiweis						
PG&E Generating	Generation Owners	✓ Steve McDonald	Jeff Simmons						
PSEG Energy Resources & Trade	Generation Owners	Howard Fromer	Michael LaFalce	✓ Bob Logan	Dennis Sobieski			✓ Mark Younger	
Sithe Energies, Inc.	Generation Owners	None Assigned	✓ Garry Brown	✓ David Applebaum					✓ Glenn Haake
TransCanada Power Marketing	Generation Owners	William Taylor	Elaine Beaudry						
NYS Department of Public Service	Non-voting	Tom Dvorsky	✓ Bill Heinrich						
1st Rochdale Cooperative NYC	Other Suppliers	Phyllis Kessler	Gregory Wortham	Andrea Mendez					
Advantage Energy, Inc.	Other Suppliers	Kyle Storie							
Amerada Hess Corporation	Other Suppliers	Kevin LaGuardia	Keith Mills						
American Electric Power (AEP) Srvc. Corp.	Other Suppliers	Ron McNamara	Paul Leanza						✓ Tom Chapman
Aquila Energy Marketing Corp.	Other Suppliers	Jason Stever	Peter Brown	David Wiesner	Pamela VanHorn	Richard Mooney	Susan Chamberlin		
Cinergy Capital and Trading	Other Suppliers	Jan Bagnall	John Ambrose						
Con Edison Energy	Other Suppliers	✓ Stephen Wemple	Ivan Kimball						
Con Edison Solutions	Other Suppliers	✓ Stephen Wemple	Rich Staines						
Conectiv	Other Suppliers	Steve Huntoon	Bill Fehr						
Constellation Power Source	Other Suppliers	✓ Glen McCartney	David Taylor	Harvey Reed					✓ Mary Lynch
Coral Power, LLC	Other Suppliers	Marc Overdyk	✓ Dave French						✓ Robin Hope
Duke Energy North America, LLC	Other Suppliers	Ronald Matlock	Del Disher	Tom Bankert					
Dynegy	Other Suppliers	Chad Wagner	✓ Matthew Picardi						✓ R.Armstrong, T.May
El Paso Merchant Energy	Other Suppliers	✓ Roy Shanker	Gary Keevill						
Energetix, Inc.	Other Suppliers	✓ Barney Farnsworth	Gerald Strassner						
Exelon Generation - Power Team	Other Suppliers	Eric Olson	✓ Garry Brown	Linda Clarke	Regina Carrado	✓ David Applebaum			
FPL Energy	Other Suppliers	✓ Bill Fenerty	Dan Wheeler						
HQ Energy Services	Other Suppliers	✓ Michel Prevost	Paul Norris						
KeySpan Energy Services	Other Suppliers	Ron Lukas	Ruben Brown	Peter Chamberlain	John Smith				

New York Independent System Operator - Committee Membership

Business Issues Committee - Attendance July 24, 2002 - Albany, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
Morgan Stanley Capital Group	Other Suppliers	Patrick Murray	Karen Kochonies	Levon Kazarian	Doron Ezickson				
New Energy Inc.	Other Suppliers	Peter Duprey	Carrie CullenHitt	Steve Fernands					
NU / Select Energy	Other Suppliers	✓ James Scheiderich	Gunnar Jorgensen						
Ontario Power Generation Inc.	Other Suppliers	Tasos Karatsoreos	Brian McConville	Ken Lacivita	Scott McArthur	Erica Cheung			✓ Barb Robertson
PP&L Energy Plus	Other Suppliers	Jim Strobel	Harry Tom	Roland Moor					
Reliant Energy Services, Inc.	Other Suppliers	Bruce Bleiweis	✓ John Reese					✓ Liam Baker	
Sempre Energy Trading	Other Suppliers	✓ Tom Halleran	Dana Volpe	✓ Russel Like	Mally Becker	Bob Chilton		✓ Dan Staines	
Strategic Energy LLC	Other Suppliers	Michael Swider	Jeffrey Knox	James McCormick	Helen Caldwell				
Strategic Power Management, Inc.	Other Suppliers	✓ Mario DiValentino	Tom Folchi	✓ Dan Duthie					
Transalta (formerly MEGA)	Other Suppliers	Daniel Lobue	John Carmody						
TransEnergie U.S. Ltd.	Other Suppliers	Michael Jacobs	José Rotger						✓ Frank Felder
Williams Energy Marketing & Trading Co.	Other Suppliers	✓ Marji Philips	David Singer	Dennis Keener					
Long Island Power Authority	Public Power - Authorities	✓ James Parmelee	Alan Elberfeld	✓ Kevin Jones					
New York Power Authority	Public Power - Authorities	✓ Bob Deasy	Bob Gow	Paul Rougeaux					
American Wind Energy Association	Public Power - Environmental	David Wooley	✓ Larry DeWitt						
Environmental Advocates	Public Power - Environmental	Anne Reynolds	✓ Larry DeWitt						
Nat'l Resources Defense Council	Public Power - Environmental	Dale Bryk	✓ Larry DeWitt						
Pace University	Public Power - Environmental	Edward Smeloff	✓ Larry DeWitt						
Scenic Hudson	Public Power - Environmental	✓ Larry DeWitt							
Bath Electric, Gas & Water Systems	Public Power - Munis & Co-ops	Ken Moore	Matthew Benesh	Jim Hamilton	Paul Pallas	Jack Brown		✓ Tom Rudebusch	
City of Jamestown Board of Pub. Util.	Public Power - Munis & Co-ops	Michael Darroch	✓ David Gustafson	Wally Haase	✓ Tom Rudebusch				
Plattsburgh Municipal Lighting Dept.	Public Power - Munis & Co-ops	Jack Brown	Ken Moore	✓ Tom Rudebusch					
Village of Fairport	Public Power - Munis & Co-ops	Ken Moore	✓ Tom Rudebusch	Paul Pallas					
Village of Freeport	Public Power - Munis & Co-ops	Hubert Bianco	Robert Kortright	Anthony Fiore					
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		✓ Tom Rudebusch	
Central Hudson Gas & Electric	Transmission Owners	✓ James Valleau	✓ Thomas Canino	Jeff May	Rick Greener				
Consolidated Edison	Transmission Owners	✓ Stuart Nachmias	Gerry Dunbar						
National Grid	Transmission Owners	✓ Wes Yeomans	Jerry Ancona	✓ Bart Franey					
NY State Electric Gas (NYSEG)	Transmission Owners	✓ Rick Mancini	✓ Laurie King-Pirchner	Gerald Walter	✓ Ray Kinney	John Kobuskie	Dave Kimiecik		
Orange & Rockland, Inc.	Transmission Owners	Gary Rozmus							
Rochester Gas & Electric	Transmission Owners	✓ Laurie King-Pirchner	Gerald Walter						
New Member	Non-voting	None Assigned							
New Member	Non-voting	None Assigned							
New Member	Non-voting	None Assigned							
New Member	Non-voting	None Assigned							
New Member	Non-voting	None Assigned							
New Member	Non-voting	None Assigned							

NYISO and Hunton & Williams Members in Attendance:

Ira Freilicher	Hunton & Williams
Gina Fedele	Hunton & Williams
James Schmidt	Hunton & Williams
✓ Robb Pike	NYISO
✓ Mollie Lampi	NYISO
✓ Jim Savitt	NYISO
✓ Dick Mills	NYISO
✓ Kristen Kranz	NYISO
✓ Greg Williams	NYISO
✓ David Patton	NYISO Market Advisor
✓ Kathy Whitaker	NYISO
✓ Jack Feinstein	NYISO
✓ Leigh Bullock	NYISO
✓ Mike Martin	NYISO
✓ Brad Kranz	NYISO
✓ Mike Calimano	NYISO

New York Independent System Operator - Committee Membership

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Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
✓ Jane Lathrop	NYISO								
✓ Ray Stalter	NYISO								
✓ Ernie Cardone	NYISO								
✓ John Adams	NYISO								
✓ John Charlton	NYISO								
✓ Bob Ricketts	NYISO								
✓ Jason Greco	NYISO								
✓ Liz Grisaru	NYISO								

Key:
 ✓ = In attendance

New York Independent System Operator

Business Issues Committee - July 24, 2002

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	2.00	1.00	5	14.33	7.17	
Other Suppliers	21.5	✓	✓	21.50	3.00	3.00	6	10.75	10.75	
Transmission Owners	20.0	✓	✓	20.00	3.00	0.00	1	20.00	0.00	
End Use Consumer			✓							
Large Consumer	9.0	✓		9.00	5.00	0.00	0	13.33	0.00	
Large Cons. Gov. Agency	2.0	✓		2.00	0.00	0.00	0	0.00	0.00	
Small Consumer	4.5	✓	✓	4.50	7.00	0.00	4	6.67	0.00	
Gov. State-wide Cons. Advocate	2.7	✓		2.70	0.00	0.00	1	0.00	0.00	
Gov. Sm. Cons. & Retail Aggr.	1.8	✓		1.80	0.00	0.00	1	0.00	0.00	
Public Power			✓							
State Power Authorities	8	✓		8.00	0.00	0.00	2	0.00	0.00	
Munis and Coops	7	✓		7.00	6.00	0.00	0	17.00	0.00	
Environmental	2	✓		2.00	0.00	0.00	5	0.00	0.00	
				5	100.00	26.00	4.00	25	82.08	17.92
					100.00	Normalized to 100% :		82.08	17.92	

New York Independent System Operator

Business Issues Committee - July 24, 2002

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 Delaney		y		
End Use - Large Consumer	Alcoa/Reynolds Metals Company	Robert Loughney		y	1.00	
End Use - Large Consumer	ATCO Management Co.					
End Use - Large Consumer	IBM Corporation	Robert Loughney		y	1.00	
End Use - Large Consumer	Occidental Chemical Corp.	Robert Loughney		y	1.00	
End Use - Large Consumer	Praxair Inc.	Robert Loughney		y	1.00	
End Use - Large Consumer	Xerox Corporation	Robert Loughney		y	1.00	
End Use - Large Cons. Gov.	Metropolitan Transportation Authority					
Non-voting	Aaron Breidenbaugh	Aaron Breidenbaugh	y	y		
End Use - Small Consumer	Association for Energy Affordability, Inc.	Larry DeWitt		y		
End Use - Small Consumer	Beth Israel Health Care System	John Dowling		y	1.00	
End Use - Small Consumer	Building and Realty Institute	Tariq Niazi		y		
End Use - Small Consumer	Caithness Energy, L.L.C					
End Use - Small Consumer	Cianbro Corporation					
End Use - Small Consumer	Citizens Advisory Panel	Larry DeWitt		y		
End Use - Small Consumer	CNYC Inc. (Council of NY Coop & Condo)	Tariq Niazi		y		
End Use - Small Consumer	Columbia University	John Dowling		y	1.00	
End Use - Small Consumer	Hudson River Energy Group					
End Use - Small Consumer	Mount Sinai Medical Center	John Dowling		y	1.00	
End Use - Small Consumer	New York Energy Buyers Forum	Tariq Niazi		y	1.00	
End Use - Small Consumer	New York Presbyterian Hospital	John Dowling		y	1.00	
End Use - Small Consumer	New York University	John Dowling		y	1.00	
End Use - Small Consumer	Refined Sugars, Inc.	John Dowling		y	1.00	
End Use - Small Consumer	William P. Short					
End Use - State Agency	NY State Consumer Protection Board	Tariq Niazi		y		
Generation Owners	AES NY	Christopher Wentlent		y		
Generation Owners	American National Power, Inc.					
Generation Owners	Astoria Energy LLC					
Generation Owners	Calpine					
Generation Owners	East Coast Power	Roy Shanker	y	y		
Generation Owners	Edison Mission Marketing & Trading	William Roberts		y		
Generation Owners	Entergy Nuclear Northeast	Marc Potkin		y	1.00	
Generation Owners	Indeck Energy Services	Mark Younger		y		1.00
Generation Owners	KeySpan Ravenswood, Inc					
Generation Owners	Mirant New York, Inc.	Doreen Saia		y		
Generation Owners	NRG Energy	Frank Rapley		y		
Generation Owners	Orion Power New York	John Reese	y	y		
Generation Owners	PG&E Generating	Steve McDonald		y	1.00	
Generation Owners	PSEG Energy Resources & Trade	Bob Logan		y		
Generation Owners	Sithe Energies, Inc.	Garry Brown	y	y		
Generation Owners	TransCanada Power Marketing					
Non-voting	NYS Department of Public Service	Bill Heinrich	y	y		
Other Suppliers	1st Rochdale Cooperative NYC					
Other Suppliers	Advantage Energy, Inc.					
Other Suppliers	Amerada Hess Corporation					
Other Suppliers	American Electric Power (AEP) Svc. Corp.					
Other Suppliers	Aquila Energy Marketing Corp.					
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 Power Source	Glen McCartney		y		
Other Suppliers	Coral Power, LLC	Dave French		y		
Other Suppliers	Duke Energy North America, LLC					
Other Suppliers	Dynegy	Matthew Picardi		y		
Other Suppliers	EI Paso Merchant Energy	Roy Shanker		y		
Other Suppliers	Energetix, Inc.	Barney Farnsworth	y	y		
Other Suppliers	Exelon Generation - Power Team	Garry Brown		y		1.00
Other Suppliers	FPL Energy	Bill Fenerty		y		1.00
Other Suppliers	HQ Energy Services	Michel Prevost		y	1.00	
Other Suppliers	KeySpan Energy Services		y			
Other Suppliers	Morgan Stanley Capital Group					
Other Suppliers	New Energy Inc.		y			
Other Suppliers	NU / Select Energy	James Scheiderich		y	1.00	
Other Suppliers	Ontario Power Generation Inc.					
Other Suppliers	PP&L Energy Plus					
Other Suppliers	Reliant Energy Services, Inc.	John Reese		y		1.00
Other Suppliers	Sempra Energy Trading	Tom Halleran		y		
Other Suppliers	Strategic Energy LLC					
Other Suppliers	Strategic Power Management, Inc.	Mario DiValentino		y	1.00	
Other Suppliers	Transalta (formerly MEGA)					
Other Suppliers	TransEnergie U.S. Ltd.		y			
Other Suppliers	Williams Energy Marketing & Trading Co.	Marji Philips		y		
Public Power - Authorities	Long Island Power Authority	James Parmelee		y		
Public Power - Authorities	New York Power Authority	Bob Deasy		y		
Public Power - Environmental	American Wind Energy Association	Larry DeWitt		y		
Public Power - Environmental	Environmental Advocates	Larry DeWitt		y		
Public Power - Environmental	Nat'l Resources Defense Council	Larry DeWitt		y		
Public Power - Environmental	Pace University	Larry DeWitt		y		
Public Power - Environmental	Scenic Hudson	Larry DeWitt		y		
Public Power - Munis & Co-ops	Bath Electric, Gas & Water Systems	Tom Rudebusch		y	1.00	
Public Power - Munis & Co-ops	City of Jamestown Board of Pub. Util.	David Gustafson		y	1.00	
Public Power - Munis & Co-ops	Plattsburgh Municipal Lighting Dept.	Tom Rudebusch		y	1.00	
Public Power - Munis & Co-ops	Village of Fairport	Tom Rudebusch		y	1.00	
Public Power - Munis & Co-ops	Village of Freeport					
Public Power - Munis & Co-ops	Village of Rockville Centre	Tom Rudebusch		y	1.00	
Public Power - Munis & Co-ops	Village of Westfield	Tom Rudebusch		y	1.00	
Transmission Owners	Central Hudson Gas & Electric	Thomas Canino		y		
Transmission Owners	Consolidated Edison	Stuart Nachmias		y	1.00	
Transmission Owners	National Grid	Wes Yeomans		y	1.00	
Transmission Owners	NY State Electric Gas (NYSEG)	Rick Mancini		y	1.00	
Transmission Owners	Orange & Rockland, Inc.		y			
Transmission Owners	Rochester Gas & Electric	Laurie King-Pirchner	y	y		

New York Independent System Operator

Business Issues Committee - July 24, 2002

Motion: Motion #6

Result: Motion Passed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against	
Generation Owners	21.5	✓	✓	21.50	6.00	0.00	3	21.50	0.00	
Other Suppliers	21.5	✓	✓	21.50	9.00	0.00	3	21.50	0.00	
Transmission Owners	20.0	✓	✓	20.00	3.00	1.00	0	15.00	5.00	
End Use Consumer			✓							
Large Consumer	9.0	✓		9.00	5.00	0.00	0	10.33	0.00	
Large Cons. Gov. Agency	2.0	✓		2.00	0.00	0.00	0	0.00	0.00	
Small Consumer	4.5	✓	✓	4.50	8.00	0.00	3	5.17	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	1.00	0.00	0	1.80	0.00	
Public Power			✓							
State Power Authorities	8	✓		8.00	0.00	2.00	0	0.00	9.07	
Munis and Coops	7	✓		7.00	0.00	6.00	0	0.00	7.93	
Environmental	2	✓		2.00	0.00	0.00	5	0.00	0.00	
				5	100.00	33.00	9.00	14	78.00	22.00
					100.00	Normalized to 100% :		78.00	22.00	

New York Independent System Operator

Business Issues Committee - July 24, 2002

Motion Motion #6

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 Delaney		y	1.00	
End Use - Large Consumer	Alcoa/Reynolds Metals Company	Robert Loughney		y	1.00	
End Use - Large Consumer	ATCO Management Co.					
End Use - Large Consumer	IBM Corporation	Robert Loughney		y	1.00	
End Use - Large Consumer	Occidental Chemical Corp.	Robert Loughney		y	1.00	
End Use - Large Consumer	Praxair Inc.	Robert Loughney		y	1.00	
End Use - Large Consumer	Xerox Corporation	Robert Loughney		y	1.00	
End Use - Large Cons. Gov.	Metropolitan Transportation Authority					
Non-voting	Aaron Breidenbaugh	Aaron Breidenbaugh	y	y		
End Use - Small Consumer	Association for Energy Affordability, Inc.	Larry DeWitt		y		
End Use - Small Consumer	Beth Israel Health Care System	John Dowling		y		
End Use - Small Consumer	Building and Realty Institute	Tariq Niazi		y	1.00	
End Use - Small Consumer	Caithness Energy, L.L.C					
End Use - Small Consumer	Cianbro Corporation					
End Use - Small Consumer	Citizens Advisory Panel	Larry DeWitt		y		
End Use - Small Consumer	CNYC Inc. (Council of NY Coop & Condo)	Tariq Niazi		y	1.00	
End Use - Small Consumer	Columbia University	John Dowling		y	1.00	
End Use - Small Consumer	Hudson River Energy Group					
End Use - Small Consumer	Mount Sinai Medical Center	John Dowling		y	1.00	
End Use - Small Consumer	New York Energy Buyers Forum	Tariq Niazi		y	1.00	
End Use - Small Consumer	New York Presbyterian Hospital	John Dowling		y	1.00	
End Use - Small Consumer	New York University	John Dowling		y	1.00	
End Use - Small Consumer	Refined Sugars, Inc.	John Dowling		y	1.00	
End Use - Small Consumer	William P. Short					
End Use - State Agency	NY State Consumer Protection Board	Tariq Niazi		y	1.00	
Generation Owners	AES NY	Christopher Wentlent		y	1.00	
Generation Owners	American National Power, Inc.					
Generation Owners	Astoria Energy LLC					
Generation Owners	Calpine					
Generation Owners	East Coast Power	Roy Shanker	y	y		
Generation Owners	Edison Mission Marketing & Trading	William Roberts		y	1.00	
Generation Owners	Entergy Nuclear Northeast	Marc Potkin		y	1.00	
Generation Owners	Indeck Energy Services	Mark Younger		y		
Generation Owners	KeySpan Ravenswood, Inc	James D'Andrea		y		
Generation Owners	Mirant New York, Inc.	Doreen Saia		y	1.00	
Generation Owners	NRG Energy	Frank Rapley		y	1.00	
Generation Owners	Orion Power New York	John Reese	y	y		
Generation Owners	PG&E Generating	Steve McDonald		y	1.00	
Generation Owners	PSEG Energy Resources & Trade	Bob Logan		y		
Generation Owners	Sithe Energies, Inc.	Garry Brown	y	y		
Generation Owners	TransCanada Power Marketing					
Non-voting	NYS Department of Public Service	Bill Heinrich	y	y		
Other Suppliers	1st Rochdale Cooperative NYC					
Other Suppliers	Advantage Energy, Inc.					
Other Suppliers	Amerada Hess Corporation					
Other Suppliers	American Electric Power (AEP) Svc. Corp.					
Other Suppliers	Aquila Energy Marketing Corp.					
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 Power Source	Glen McCartney		y	1.00	
Other Suppliers	Coral Power, LLC	Dave French		y		
Other Suppliers	Duke Energy North America, LLC					
Other Suppliers	Dynegy	Matthew Picardi		y	1.00	
Other Suppliers	EI Paso Merchant Energy	Roy Shanker		y	1.00	
Other Suppliers	Energetix, Inc.	Barney Farnsworth	y	y		
Other Suppliers	Exelon Generation - Power Team	Garry Brown		y	1.00	
Other Suppliers	FPL Energy	Bill Fenerty		y	1.00	
Other Suppliers	HQ Energy Services	Michel Prevost		y	1.00	
Other Suppliers	KeySpan Energy Services		y			
Other Suppliers	Morgan Stanley Capital Group					
Other Suppliers	New Energy Inc.		y			
Other Suppliers	NU / Select Energy	James Scheiderich		y	1.00	
Other Suppliers	Ontario Power Generation Inc.					
Other Suppliers	PP&L Energy Plus					
Other Suppliers	Reliant Energy Services, Inc.	John Reese		y	1.00	
Other Suppliers	Sempra Energy Trading	Tom Halleran		y		
Other Suppliers	Strategic Energy LLC					
Other Suppliers	Strategic Power Management, Inc.	Mario DiValentino		y		
Other Suppliers	Transalta (formerly MEGA)					
Other Suppliers	TransEnergie U.S. Ltd.		y			
Other Suppliers	Williams Energy Marketing & Trading Co.	Marji Philips		y	1.00	
Public Power - Authorities	Long Island Power Authority	James Parmelee		y		1.00
Public Power - Authorities	New York Power Authority	Bob Deasy		y		1.00
Public Power - Environmental	American Wind Energy Association	Larry DeWitt		y		
Public Power - Environmental	Environmental Advocates	Larry DeWitt		y		
Public Power - Environmental	Nat'l Resources Defense Council	Larry DeWitt		y		
Public Power - Environmental	Pace University	Larry DeWitt		y		
Public Power - Environmental	Scenic Hudson	Larry DeWitt		y		
Public Power - Munis & Co-ops	Bath Electric, Gas & Water Systems	Tom Rudebusch		y	1.00	
Public Power - Munis & Co-ops	City of Jamestown Board of Pub. Util.	David Gustafson		y	1.00	
Public Power - Munis & Co-ops	Plattsburgh Municipal Lighting Dept.	Tom Rudebusch		y	1.00	
Public Power - Munis & Co-ops	Village of Fairport	Tom Rudebusch		y	1.00	
Public Power - Munis & Co-ops	Village of Freeport					
Public Power - Munis & Co-ops	Village of Rockville Centre	Tom Rudebusch		y	1.00	
Public Power - Munis & Co-ops	Village of Westfield	Tom Rudebusch		y	1.00	
Transmission Owners	Central Hudson Gas & Electric	Thomas Canino		y	1.00	
Transmission Owners	Consolidated Edison	Stuart Nachmias		y	1.00	
Transmission Owners	National Grid	Wes Yeomans		y	1.00	
Transmission Owners	NY State Electric Gas (NYSEG)	Rick Mancini		y	1.00	
Transmission Owners	Orange & Rockland, Inc.		y			
Transmission Owners	Rochester Gas & Electric	Laurie King-Pirchner	y	y		