

# **NYISO Business Issues Committee Meeting**

April 24, 2001

The Desmond  
660 Albany Shaker Road  
Albany, NY

## **MINUTES OF THE MEETING**

### **I Welcome & Introduction**

Mr. Garry Brown, Chairman of the Business Issues Committee (BIC), called the meeting to order at 9:40AM and welcomed the members of the Business Issues Committee. The attendees introduced themselves and the companies that they represent.

### **II Approval of Minutes**

The March 15, 2001 meeting minutes were approved and will be posted to the NYISO web site.

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

Motion to approve the March 15, 2001 BIC meeting minutes.  
*(Motion passed unanimously by show of hands)*

### **III Chairman's Report**

No Chairman's report was presented at this meeting.

### **IV Market Operations Update**

Mr. Charles King of NYISO reported that CPS2 performance remained at a high level and that energy prices were higher than last month primarily due to maintenance outages on some units. He also reported that NY prices at proxy busses were being tracked closely to prices at corresponding proxy busses in other control areas. In response to a question concerning negative dollars for Balancing Energy in the Market Operations Report, Mr. King stated that it was the result of buying too much energy in the DAM and as part of the two-settlement system, that energy was sold back at a lower price. Referring to a special Management Committee conference call concerning the LIPA appeal Mr. King stated that the NYISO had checked the consistency of the data used and found the data to be consistent adding that a note to that effect was going out on the TIE List Server today (4/24/01).

Mr. James Schmidt, representing NYISO, reported on the allocation of TCCs for the Marcy Statcom project. He explained that TCCs are awarded by the NYISO when a project is completed and that committee discussion and voting is not necessarily required. Mr. Mark Younger of Slater Engineering pointed out that the Tariff states that TCC awards are subject to Market Participant review. Mr. Schmidt responded that Market Participants would review projects but that the award of TCCs is up to the NYISO. Concern that the TCC award and the resulting impact on the system was not posted on the NYISO website was expressed by some Market Participants. NYISO staff will investigate and ensure that future TCC awards are posted.

Dr. Walter Pfuntner of NYISO provided a progress update on the NYISO IT Strategic Initiatives. Dr. Pfuntner reported that the NYISO, working with Sapient, had completed the development of an Enterprise Architecture Strategy last year that included the future technology solution for the NYISO and a migration plan to update many NYISO computers and servers. He added that data accessibility was deemed the number one priority focus area.

Dr. Pfuntner reviewed the current and future NYISO IT architecture explaining benefits of the Enterprise Architecture and how it would eliminate the need for numerous customer interfaces. In response to a question about compatibility with other ISOs, Dr. Pfuntner explained that development is being done with XML which is readily translated adding that the other ISOs are looking at the EAI bus architecture and he expects them to ultimately be compatible but not immediately.

Dr. Pfuntner also addressed load data and their sources, the four-day cycle for acquiring load data and performing billing calculations, and additional data availability for Market Participants. He defined the immediate deliverables to be billing enhancements, market monitoring reports and the automated posting of information including confirmed system states, thunder storm alerts, reserve pick-up notices, PAR flows, and external interface limits and flows. Dr. Pfuntner announced that some of the June 1<sup>st</sup> 2001 deliverables may need to be delayed due to contention with NYISO resources that are also engaged in Summer Initiatives. Summer Initiatives take priority and the IT Strategic Initiatives may be delayed by 2-4 weeks. MPs responded with the concern that if billing enhancements are implemented mid-month that the missed days of the month should be back-filled or the deployment be scheduled for the beginning of the next month.

To a comment concerning difficulty in locating information on the NYISO website, Dr. Pfuntner responded that the Web Refresh project included some better navigation and search management features. Responding to a question about the posting of FERC filings, Mr. King replied that NYISO Regulatory Affairs is looking into re-organizing the filings on the web site for easier access. To a question about the posting of live load data, Dr. Pfuntner replied that he hoped that it would be implemented by the end of the year. Mr. Howard Fromer of Enron questioned the priority of the live load data availability indicating that the data was important to Market Participants. Market Participants also asked when they might see what the new billing format looked like. Dr. Pfuntner replied that a Billing and Accounting WG (BAWG) sub-group had that information and that it would be distributed through that group. Mr. Rick Hoefler of NYISO added that the billing data would not have a new format but just that

additional information will be included at the end of the existing data. Market Participants requested that the NYISO distribute information about any changes to the billing format.

Mr. James Savitt of NYISO reported on the status of the development of Reference Prices for use with the Automated Mitigation Procedure (AMP). He reviewed the timeline established for gathering and reviewing the required information, generator owner meetings, and establishing the initial Reference Prices. Mr. Savitt explained that packages were shipping this week (week of 4/23) that included diskettes containing the reference prices for each generator, a spreadsheet template for submitting cost and other data, and an explanation of the methodologies used by the NYISO to determine Reference Prices. Mr. Savitt described the methodology used to calculate reference prices explaining that there was a hierarchy of steps followed to account for missing or unavailable information.

Mr. Savitt responded to several questions concerning the formulation of Reference Prices including the impact that fuel costs have on the reference prices, the use of \$1,000 in place of missing bid data, the number of bids required to develop Reference Prices, and confidentiality of the data.

In response to questions concerning the individual contact to whom the AMP information packet would be sent, Mr. Jonathan Mayo of NYISO stated that NYISO staff would email the list of contacts from the NYISO customer list.

## **V Working Group Reports**

### **ICAP WG**

Mr. Howard Fromer of Enron requested approval of a revision to the ICAP Manual that would allow Market Participants to submit ICAP data beyond the 10<sup>th</sup> of the month explaining that the NYISO was able to evaluate the data in two days. The revision would allow Market Participants to submit data up to two days prior to an ICAP auction.

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

Motion to accept the Stage 1A ICAP Manual Revision.  
*(Motion passed unanimously by a show of hands)*

A question was raised concerning the requirement for Operating Committee (OC) approval of the revision to the ICAP Manual. NYISO committee chairpersons and the liaisons will investigate the OC approval requirements for this manual.

## **Price Responsive Load WG (PRLWG)**

Mr. David Lawrence reported on changes to the Energy Demand Reduction Program Manual recommended by the PRLWG. A motion was presented to approve the manual followed by discussion concerning several aspects of the program including confidentiality, metering requirements, the potential for fraud, and compliance to a FERC order to track bid data by a unique identifier. BIC members discussed the motion during the lunch break and, upon return, voted on the following motion:

### **Motion #3:**

Motion that the Business Issues Committee approve the Emergency Demand Response Program Manual with the following changes:

1. As revised on 4-12-01 and incorporating the following two changes noted by NYISO staff in its presentation.
  - a) Page 9:4.1 add item:
    4. The EDRP participant registration is deemed approved 14 calendar days after LSE submission of Attachment B for each retail end user unless the NYISO contacts the LSE via phone or e-mail to the contrary.
  - b) Page 12:6.1.2 add item 3:
    3. When a premise subscribes both the on-site generation and load, metering can be configured so as to measure only the load or combined load and generation.
2. Amend paragraph 6.1 to say:

“By June 1, 2002 CSP-Direct customers and CSP-NYISO approved Curtailment Program End Use Customers must use certified MSP to install meters and MDSP to read meters. CSP-Curtailment Customer aggregators and CSP-LSEs must use certified MSP and MDSP or be qualified to perform MSP and MDSP responsibilities. Utility or MDSP is needed to read the revenue grade meter on load.”
3. Replace paragraph 6.1.1 to say:

“Hourly interval metering data is required to validate performance. Demand Side Resources providing load reduction only must use the revenue metering on the load as the source of performance data. If the revenue metering does not provide hourly interval data, an hourly interval meter must be installed by a certified MSP or the local distribution utility. If the installation is performed by an MSP, the MSP must certify that the device and the installation comply with all state and local code requirements. Demand Side Resources providing on-site generation only, not validated by the revenue metering, may be metered initially with a properly installed and calibrated integrated hourly metering device that is certified by a Professional Engineer as meeting ANSI C12 standard. Such meters would be periodically tested and calibrated in accordance with the standards applicable to MSPs and MDSPs.”
4. Incorporate the following 4 changes:

Section 4.1.2 - For both LSEs that are enrolling a retail end user whose load is served by the LSE or by a different LSE, add additional sentences as follows: . Any information

on the identity of a Demand Side Resource that is provided to the NYISO will be treated as confidential, and will not be disclosed to third parties without the express permission of the end-use customer, unless aggregated or otherwise presented in such a way as to preserve confidentiality.”

Section 6.4.2 - A new sentence at the beginning of this section should be added as follows: “In establishing the reporting requirements for this program, information regarding the identify of Demand Side Resources participating in this program shall be treated as confidential by the NYISO, and will not be shared with third parties.”

Attachment B - The note at the top of the form regarding generators should be removed. For all Demand Side Resources, the note should say, “The information in this section is optional.”

Section 4.3.4 - For Curtailment Customer Aggregators that are enrolling a retail end user, add additional sentences as follows: Any information on the identity of a Demand Side Resource that is provided to the NYISO will be treated as confidential, and will not be disclosed to third parties without the express permission of the end-use customer, unless aggregated or otherwise presented in such a way as to preserve confidentiality.”

*(Motion passed with a majority show of hands and 1 opposed)*

### **Market Structures WG (MSWG)**

Mr. James Scheiderich of Select Energy reported on the progress of the Virtual Bidding Task Force and the ICAP deliverability issue. He explained that the NYISO had presented a proposal to the MSWG on pre-scheduling transactions adding that Market Participant comments on the proposal were due by April 12<sup>th</sup> but that the NYISO would continue to accept comments.

The MSWG is addressing inter-regional congestion management and Mr. Scheiderich pointed out that Mr. Rick Gonzales of NYISO would provide a presentation on the subject later in the afternoon. Addressing block transactions, Mr. Scheiderich also stated that the NYISO is to provide the group with a proposal concerning the application of Bid Production Cost Guarantees in regard to Block Transactions.

### **Generation Issues Task Force (GITF)**

Mr. Mark Younger of Slater Engineering presented revisions to the proposed Capacity Limited Resources (CLR) and Energy Limited Resources (ELR) market rules. Mr. Younger described the issues the GITF considered in developing the proposal. He explained that many units have limitations on their ability to operate for an extended period of time at the upper range of their capacity and discussed the concerns relating to scheduling this capacity.

The proposed changes allow SCUC to schedule above the Normal Upper Operating Limit (UOL) and allows for Automated Mitigation Procedure (AMP) recognition of the additional costs associated with operating in the upper ranges. Mr. Younger also addressed settlement issues and the ability of the NYISO to call for Real-Time operation in the upper ranges if operating conditions warrant.

Mr. Younger and NYISO staff addressed several questions dealing with spinning reserve applications; the settlement implications of unit trips; the implementation schedule; the ability of CLR to set LBMP; potential gaming issues; and the anticipated impact on energy prices.

Ms. Doreen Saia of Couch White, LLP requested that a schedule for the development of the Tariff language be presented at the next Management Committee meeting.

### **Interconnection Issues Task Force (IITF)**

Mr. James Mitsche of PowerGEM reported on a proposed System Interconnection Cost Allocation Process developed by the IITF. Mr. Mitsche presented the objectives of the group pointing out that the effort was in response to FERC requirements to develop a cost allocation method. He explained that the group had looked at what was being done in other regions and described the attributes of the proposal adding that the IITF had reached consensus on the proposal.

Mr. Mitsche defined the costs that were covered by the proposal as well as costs that were not covered. He also described the responsibilities of the TOs and Developers. Discussing the various studies involved, Mr. Mitsche described the SRIS procedure, the “Needed Anyway” study that addresses reliability, load growth and pattern changes, and the “Class Year” study that evaluates transmission needs with all units in place. He added that there are 12 units in the 2001 “Class Year” study.

Referring to the proposed Developer Cost and Commitment Process, Mr. Mitsche indicated that the IITF wanted to get realistic cost estimates to the developers and described the bonding requirements relating to a developer commitment. He explained that after the cost allocations are determined developers would have 45 days to post a bond. Mr. Ken Davis, representing NYISO, added that the bonds are subject to forfeiture if the project does not go through.

In conclusion, Mr. Mitsche explained that the IITF would continue to discuss the proposal and that a vote was scheduled for the May 24<sup>th</sup> BIC meeting. He added that Management Committee and NYISO Board approval as well as a FERC filing would be required.

Chairman Brown urged anyone interested in the proposed cost allocation process to participate in upcoming IITF meetings to address issues prior to the scheduled May 24<sup>th</sup> BIC action.

Mr. James Parmelee of LIPA suggested that, following the completion of the cost allocation work, the IITF move on to address transmission congestion improvements. Chairman Brown replied that the matter could be discussed following the May 24<sup>th</sup> BIC action.

## **Billing and Accounting Working Group (BAWG)**

Chairman Brown referred to the BAWG presentation prepared by BAWG Chairman Mr. Wes Yeomans and suggested that BIC members review the presentation for an update on the work of the BAWG. Mr. Brown directed questions about the status of BAWG projects to Mr. Yeomans or Mr. Bradley Kranz, the BIC liaison.

## **Motion to remove from the Tariff and to Modify the close/post times for BME**

Mr. Scheiderich presented a proposal to remove BME post and close times from the Tariff and allow the BIC, in consultation with NYISO staff, to determine post and close times. Following a brief discussion Mr. Scheiderich presented Motion #4.

### **Motion #4:**

It is hereby Moved that:

- (1) The NYISO file with FERC to allow the Business Issues Committee to decide, in consultation with ISO staff, BME's timing such that the closing time is no more than 90 minutes before the hour and the posting time remains at least 30 minutes before the hour.
- (2) That the procedures and timing adopted by the BIC be published in the appropriate ISO manual.

*(Motion passed unanimously by a show of hands)*

## **Pilot Program Proposal for Congestion Reduction Incentives**

Mr. Jerry Ancona of Niagara Mohawk presented a proposal calling for incentives for transmission congestion reduction. Mr. Ancona explained that TCCs provide a hedge against congestion costs but they do not provide an incentive for congestion reduction. The objective of the proposal is to provide an incentive mechanism that sends the appropriate price signals for projects and actions that can economically improve transmission availability, which in turn reduces overall congestion and production costs.

Mr. Ancona suggested a pilot program that would be limited in scope to availability improvements for Niagara Mohawk facilities that can impact the Central-East Transmission Interface limit. In the pilot program Niagara Mohawk would receive an incentive payment equal to 50% of average annual Congestion Rent across Total-East for incremental reductions in congestion across Central-East due to availability improvements. Costs for the incentive would be assigned to loads east of Central-East on a load ratio share locational Rate Schedule 1 charge. Mr. Ancona described the incentive payment formula and presented an example case. Following a brief question and answer session in which the need for maintenance incentives was questioned, Chairman Brown stated that the proposal must go to the Market Structures Working Group for more discussion.

## **ISO-MOU Inter-Regional Transmission Congestion Management Pilot Program**

Mr. Ricardo Gonzales of NYISO provided an informational presentation on the progress of the ISO-MOU on the Inter-Regional Transmission Congestion Management Pilot Program. Mr. Gonzales discussed the background of the project explaining that there was a need for a market-based mechanism to facilitate energy transfers between existing northeast markets. He added that implementation of full coordination between control areas will be an extension of the pilot program and will require years of development.

Mr. Gonzales defined the objectives of the pilot program and explained the operational procedures that would occur under various operating conditions. He described proposed settlement rules and the proposed funds collection and distribution process. As an example, he described the process for addressing a constraint on the Erie-West 345/115 kV transformer. Mr. Gonzales mentioned some operational constraints that are candidates for the pilot program and listed the next steps in the process including obtaining committee approvals, filing with FERC, and developing settlement software.

Market Participant comments included a suggestion that the program be split allowing certain aspects of the project to proceed and concerns that many open issues still must be addressed. Chairman Brown assigned the project to the MSWG.

## **VII New Business**

Chairman Brown announced a “time out” for NYISO Staff with respect to Committee and Working Group meetings to allow NYISO staff to work on summer initiatives. Mr. Brown explained that the proposal had been sent to the Committee Chairpersons.

A special BIC meeting will be held on Friday, April 27<sup>th</sup> via conference call to discuss and act on the ELR / CLR proposal. Chairman Brown stressed that a quorum was required to avoid delays in acting on the proposal.

## **VIII Administrative Matters**

No administrative matters were discussed.

## **IX Adjournment**

A motion to adjourn the meeting was made and the meeting was adjourned at approximately 4:00 PM.



**Motion # 5:**

Motion to adjourn the BIC meeting.

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

Respectfully submitted,

Peter K. Lemme

Recording Secretary, Business Issue Committee

**Business Issues Committee – Action Item Listing**

Number	Action Items	Assigned to
BIC.04.24.01-1	Post TCC awards and system impact of TCC awards	A. Desell
BIC.04.24.01-2	Produce Technical Bulletin on new billing format	R. Bowers / W. Pfunter
BIC.04.24.01-3	Will new billing format cut in mid-month or at the beginning of the next month	R. Bowers / W. Pfunter
BIC.04.24.01-4	Email list of MP names that the AMP Reference Price Information was sent to.	J. Mayo
BIC.04.24.01-5	Review PSC protective order with respect to confidentiality of AMP Reference Price data submitted.	J. Schmidt
BIC.04.24.01-6	Report to be provided at Management Committee Meeting on schedule for development of Tariff language for ELR/CLR.	M. Lampi
BIC.04.24.01-7	Is OC approval of ICAP Manual required?	B. Kranz

# **NYISO Business Issues Committee Meeting**

April 24, 2001  
Desmond Hotel, Albany, NY

## **MOTIONS OF THE MEETING**

### **Motion #1:**

Motion to approve the minutes from the March 15, 2001 Meeting.  
*(Motion passed unanimously by a show of hands)*

### **Motion #2:**

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*(2) That the procedures and timing adopted by the BIC be published in the appropriate ISO manual.*

*(Motion passed unanimously by a show of hands)*

**New York Independent System Operator - Committee Membership**

**Business Issues Committee - Attendance April 24, 2001 Meeting in Albany - Parties Checked in Attendance**

Organization	Sector	Representative	Proxy	Alternate1	Alternate2	Alternate3	Alternate4	Guest
NYS Energy Research & Develop. Auth.	End Use - Gov. Agency/Aggr.	Jay Kooper	Jonathan Wallach	Richard Miller				
The City of New York	End Use - Gov. Agency/Aggr.	Leonard Singer		Robert Loughney	✓ Michael Mager			
Alcoa/Reynolds Metals Company	End Use - Large Consumers	Michael DiBella		Greg Sticka	Kelly Lovorn	Greg Olsen		
Amerada Hess Corporation	End Use - Large Consumers	Peter DiCapua		Scott Petersen	George Diamantopoulos	Steven Latargia		
ATCO Management Co.	End Use - Large Consumers	Leonard Singer		Robert Loughney	✓ Michael Mager			
IBM Corporation	End Use - Large Consumers	Leonard Singer		Robert Loughney	✓ Michael Mager			
Occidental Chemical Corp.	End Use - Large Consumers	Christian Lenci		Leonard Singer	Robert Loughney	✓ Michael Mager		
Praxair Inc.	End Use - Large Consumers	Leonard Singer		Robert Loughney	✓ Michael Mager			
Xerox Corporation	End Use - Large Consumers	Jesse Sarreberg		Gary Caplan	Walter McCarroll			
Metropolitan Transportation Authority	End Use - Large Cons. Gov.	✓ Aaron Breidenbaugh						
Aaron Breidenbaugh	End Use - Small Consumers	David Hepinstall		✓ Larry DeWitt				
Association for Energy Affordability, Inc.	End Use - Small Consumers	Catherine Luthin		✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi		Doug Elfner
Beth Israel Health Care System	End Use - Small Consumers	Herb Rose		Jeff Hanley	Catherine Luthin	✓ John Dowling		Jennifer Kearney
Building and Realty Institute	End Use - Small Consumers	Daniel McBrearty		Jack Feinstein				
Caithness Energy, L.L.C	End Use - Small Consumers	Gordian Raacke		✓ Larry DeWitt				
Citizens Advisory Panel	End Use - Small Consumers	Herb Rose		MaryAnn Rothman	Catherine Luthin	✓ John Dowling		Jennifer Kearney
CNYC Inc. (Council of NY Coop & Condo)	End Use - Small Consumers	Catherine Luthin		✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi		Doug Elfner
Columbia University	End Use - Small Consumers	Frank Radigan						
Hudson River Energy Group	End Use - Small Consumers	Catherine Luthin		✓ 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	John Gebhard		Paul Faia	Catherine Luthin	✓ John Dowling		Jennifer Kearney
Refined Sugars, Inc.	End Use - Small Consumers	✓ Tariq Niazi		Doug Elfner				
NY State Consumer Protection Board	End Use - State Agency	✓ Charles Sjoberg		Bill Henson				✓ Chris Wentlent
AES NY	Generation Owners	Douglas Roll		Gary Miller				
American National Power, Inc.	Generation Owners	Dorothy Capra		Gary Keavill				
CH Resources	Generation Owners	✓ Roy Shanker		Robert Agnello				
East Coast Power	Generation Owners	William Roberts		William Stone				
Edison Mission Marketing & Trading	Generation Owners	Marc Potkin		Mike Ferguson	✓ Mark Younger			✓ Tyler Reeder
Energy Nuclear Northeast	Generation Owners	Mike Janczak		Jeffrey Smith	Dick Ackerson	Ron Lukas		
Indeck Energy Services	Generation Owners	James Brennan	✓ Terence Kain	✓ Joe Holtman	Mark Petro	✓ Doreen Saia		
KeySpan Ravenswood, Inc	Generation Owners	Vicki Lynch	✓ Keith O'Neal	Paul Savage	Marc Dworkin	Ruben Brown	Peter Chamberlain	
Mirant New York, Inc.	Generation Owners	Joe DeVito		Mark Sudbey	John Reese			
NRG Energy	Generation Owners	Mary Lynch		Jeff Simmons				
Orion Power New York	Generation Owners	✓ Steve McDonald		Michael LaFalco	✓ Bob Logan	Dennis Sobieski		
PG&E Generating	Generation Owners	✓ Raymond DePillo		✓ Garry Brown	David Applebaum			✓ Glenn Haake
PSEG Energy Resources & Trade	Generation Owners	✓ Tim Bush		✓ Elaine Beaudy				✓ Harvey Happ
Sithe Energies, Inc.	Generation Owners	William Taylor		✓ Bill Heinrich				
TransCanada Power Marketing	Generation Owners	Joel Brainard		Gregory Wortham				
NYS Department of Public Service	Non-voting	✓ Phyllis Kessler						
1st Rochdale Cooperative NYC	Other Suppliers	Kyle Storie		Peter Brown	David Wiesner	Pamela VanHorn	Richard Mooney	
Advantage Energy, Inc.	Other Suppliers	Jason Stever		✓ Glen McCartney				
Aquila Energy Marketing Corp.	Other Suppliers	Jim Verna		John Ambrose				
Automated Power Exchange (APX)	Other Suppliers	Jan Bagnall		John Ambrose				
Cinergy Capital and Trading	Other Suppliers	Jan Bagnall		Ivan Kimball				
Cinergy Services	Other Suppliers	✓ Stephen Wemple		Rich Staines				
Con Edison Energy	Other Suppliers	✓ Stephen Wemple		Bill Fehr				
Con Edison Solutions	Other Suppliers	✓ Steve Huntoon		David Taylor	Douglas Keegan			
Conectiv	Other Suppliers	✓ David Taylor		Harvey Reed				
Constellation Power Source	Other Suppliers	✓ Ronald Matlock		Del Disher				
Duke Energy North America, LLC	Other Suppliers	Chad Wagner		Matthew Picardi				
Dynegy	Other Suppliers	✓ Alan Foster		Eric Stoerr				
El Paso Merchant Energy	Other Suppliers	Barney Farnsworth		Gerald Strassner				
Energetix, Inc.	Other Suppliers	✓ Howard Fromer						
Enron Power Marketing Inc.	Other Suppliers	✓ Jeff Guistwhite		Tim Bush	Regina Carrado	✓ Garry Brown		
Exelon Generation - Power Team	Other Suppliers	✓ Bill Fenerty		Dan Wheeler				
FPL Energy	Other Suppliers	✓ Michel Prevost		✓ Paul Norris				
HQ Energy Services	Other Suppliers	Ron Lukas		Ruben Brown	Peter Chamberlain	John Smith		
KeySpan Energy Services	Other Suppliers	Joseph Limone		John Carmody				
MEGA (Merchant Energy Group of the Americas)	Other Suppliers	Patrick Murray		Karen Kochonies	Levon Kazarian	Doron Ezickson		
Morgan Stanley Capital Group	Other Suppliers	Peter Duprey		Stephen Fernands				
New Energy Inc.	Other Suppliers	Marc Overdyk		Dave French				
Niagara Mohawk Energy Marketing	Other Suppliers	✓ James Scheiderich		Gunnar Jorgensen				✓ Don Barker
NU / Select Energy	Other Suppliers	Tasos Karatsoreos		Brian McConville	Ken Lacivita	Scott McArthur	Erica Cheung	
Ontario Power Generation Inc.	Other Suppliers			Jim Strobel	Harry Tom	Roland Moor		
PP&L Energy Plus	Other Suppliers	Patricia Esposito		Ken Lempicki				
PSEG Energy Technologies Inc.	Other Suppliers	Bill Winget	✓ Russel Like	Dana Volpe	Russel Like			
Sempra Energy Trading	Other Suppliers	✓ Jace Cochrane		Jeffrey Knox	James McCormick	Lisa Barton		
Strategic Energy LLC	Other Suppliers	Mario DiValentino		Tom Folchi	Dan Duthie			
Strategic Power Management, Inc.	Other Suppliers	Michael Jacobs		José Rotger				
TransEnergie U.S. Ltd.	Other Suppliers	Mike Grim		Dennis Keener				
Williams Energy Marketing & Trading Co.	Other Suppliers	✓ James Parmelee		Alan Elberfeld	✓ Kevin Jones			
Long Island Power Authority	Public Power - Authorities	Dave Wang		✓ Robert Gow	✓ Bob Deasy			
New York Power Authority	Public Power - Authorities	David Woolley		✓ Larry DeWitt				
American Wind Energy Association	Public Power - Environmental	Anne Reynolds		✓ Larry DeWitt				
Environmental Advocates	Public Power - Environmental	Dale Bryk		✓ Larry DeWitt				
Natl Resources Defense Council	Public Power - Environmental	Edward Smeloff		✓ Larry DeWitt				
Pace University	Public Power - Environmental	✓ Larry DeWitt						
Soenic Hudson	Public Power - Environmental	Neil Winkle	✓ Tom Rudebusch	Ken Moore	Jim Hamilton	Paul Pallas	Jack Brown	
Bath Electric, Gas & Water Systems	Public Power - Munis & Co-ops	✓ Michael Darroch		Wally Haase	✓ Tom Rudebusch			
City of Jamestown Board of Pub. Util.	Public Power - Munis & Co-ops	Jack Brown		Ken Moore	✓ Tom Rudebusch			
Plattsburgh Municipal Lighting Dept.	Public Power - Munis & Co-ops	Ken Moore		✓ Tom Rudebusch	Paul Pallas			
Village of Fairport	Public Power - Munis & Co-ops	Hubert Bianco		Robert Kortright				
Village of Freeport	Public Power - Munis & Co-ops	Paul Pallas	✓ Tom Rudebusch	Ken Moore	Jim Hamilton	Jack Brown	Neil Winkle	
Village of Rockville Centre	Public Power - Munis & Co-ops	Jim Hamilton	✓ Tom Rudebusch	Ken Moore	Neil Winkle	Jack Brown	Paul Pallas	
Village of Westfield	Public Power - Munis & Co-ops	✓ James Valleau		Thomas Canino	Jeff May	Rick Greener		
Central Hudson Gas & Electric	Transmission Owners	Michael Forte		Gary Rozmus	✓ Tom Halleran			
Consolidated Edison	Transmission Owners	✓ Jerry Ancona		Martin Amati	Scott Leuthauser			
Niagara Mohawk Power Company	Transmission Owners	Rick Mancini	David Kimieck(BIC)	John Kobuskie	✓ Gary Freeland	✓ Ray Kinney		
NY State Electric Gas (NYSEG)	Transmission Owners	Gary Rozmus						
Orange & Rockland, Inc.	Transmission Owners	✓ Laurie King-Pirchner		Gerald Walter				
Rochester Gas & Electric	Transmission Owners							
New Member	Non-voting							
New Member	Non-voting							

**New York Independent System Operator - Committee Membership**

**Business Issues Committee - Attendance April 24, 2001 Meeting in Albany - Parties Checked in Attendance**

Organization	Sector	Representative	Proxy	Alternate1	Alternate2	Alternate3	Alternate4	Guest
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**NYISO and Hunton & Williams Members in Attendance:**

Ira Freilicher	Hunton & Williams
✓ Ken Davis	Hunton & Williams
✓ James Schmidt	Hunton & Williams
✓ John Charlton	NYISO
✓ Jack Valentine	NYISO
✓ Chuck King	NYISO
✓ Jonathan Mayo	NYISO
✓ Rick Gonzales	NYISO
✓ Leigh Bullock	NYISO
✓ Kristen Kranz	NYISO
✓ Brad Kranz	NYISO
✓ Peter Lemme	NYISO
✓ Steve Corey	NYISO

**Key:**

- ✓ = In attendance
- ✓ = In attendance by teleconferencing