

# **NYISO Business Issues Committee Meeting Minutes**

Wednesday, February 18, 2004

*NYS Nurses Association, Latham, NY*

## **1. Welcome & Meeting Objectives**

Wes Yeomans, Chair of Business Issues Committee (BIC) called the meeting to order at 10:01 AM and welcomed the members of BIC. Attendees introduced themselves, naming the companies they represent.

## **2. Approval of January minutes** Ray Stalter, NYISO

Final drafts of the minutes from January 21 were distributed to BIC members before the meeting. Changes submitted prior to the BIC meeting were included in the minutes.

### **Motion #1:**

Motion to approve the Minutes from the January 21, 2004 BIC meeting.

*(Motion passed unanimously by show of hands)*

## **3. Chair's Report**

Mr. Yeomans reported that he had received questions as to in which working group the deliverability issue belongs, and commented that this issue would be better discussed during the ESPWG report.

Mr. Yeomans noted that the Congestion Shortfall allocation, which is now effective under the tariff, was not included in the January billing. Mr. Yeomans requested that the NYISO work to include Congestion Shortfall allocations as soon as possible, as the TOs need of this information.

Mr. Yeomans mentioned that the NYISO hosted a presentation during the recent Metering Task Force, to discuss the 6 Tech Bulletins on Station Service, and that the discussions were extremely helpful.

Mr. Yeomans reported that he continued to receive questions concerning blackout restoration expenses, and that further clarification is required on charges already billed, as well as future charges.

Mr. Yeomans also drew attention to the RJ Rudden presentation on Rate Schedule 1 that was made at BS&P, and stated that the NYISO is seeking comments from BIC and MC members. Mr. Yeomans reminded the group that the sector meetings schedule has been released. Ray Stalter of NYISO reviewed the schedule with the group.

## **4. Market Operations Report**

Chuck King, of the NYISO, presented the Market Operations Report. New winter peaks were established in January as well as all time high fuel prices for gas. Mr. King stated that high fuel prices, cold weather and high peak loads explain the higher energy prices during January. Mr. King reported that the NYISO experienced an inconsistency with load weighting factors during January, which resulted in a large number of very small price corrections. The problem has been rectified.

## **5. Regional Market Enhancements**

Mr. King then moved on to present the Regional Market Enhancements report. Mr. King reported that work continues with neighboring ISO's on the facilitated checkout process, which enhances the flow of information between ISO's to reduce checkout failures. Mr. King noted that

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meetings have been held with ISO-NE and PJM to review progress on demand response programs towards improving consistency between the ISO's, and that proposed changes from those discussions would be presented to the appropriate working groups.

Mr. King reported that the RAM Working Group would be meeting shortly to review the final NERA report, which has been posted on the NYISO website. He also noted that the ICAP-WG is reviewing a hybrid proposal, which was presented by NYISO staff to the Working Group at the February 12<sup>th</sup> meeting. Howard Fromer of PSEG noted that the final report and the hybrid proposal would be discussed at an upcoming meeting. Larry Dewitt of Pace Energy asked if the proposal has been shared with the neighboring ISOs. Mr. King replied that the proposal has not been discussed with MPs, but it has been shared with staff at PJM and ISO NE.

Mr. King noted that meetings continue concerning rate pancaking, but he had no new information to report. He stated that if progress were not made in the coming months, the issue would be brought to FERC for resolution.

Mr. King reported that the NYISO is planning to hold a stakeholder meeting in March concerning Virtual Regional Dispatch. Regarding the Cross Sound Cable, an interim solution will be presented at this BIC meeting. The presentation focuses on the technical issues involved -- the project cost and payment issues related to the interim solution will be deferred until the March MC meeting.

Mr. King stated that information would be presented regarding the 7040 study scope at the next Operating Committee meeting. Joint seams meetings between the ISO's will continue in March.

Mr. Fromer asked if the issue to enable 15 minute scheduling has been dropped, since it did not appear on the seams report. Mr. King replied that the monthly report is not exhaustive, and that the quarterly reports posted on NYISO website contain information on all current seams issues.

Stuart Nachmias of ConEd requested more information on blackout related charges. Mr. King replied that the new charges total roughly \$5-7 million as a result of 21 requests from generators, and includes SCR/EDRP charges. Mr. Nachmias then inquired when the final bill period begins, when the charges were incurred (August) or when they are actually billed. Mr. King replied that he would get clarification on that issue.

Glenn Haake of IPPNY inquired about a joint PSC, NYSRC, NYISO, NYSEDA report on gas infrastructure. Mr. Haake requested that the report be included on future BIC agendas, and would like the opportunity for MPs to comment on it. Mr. King replied that the NYISO would follow-up with NYISO's legal department on that question and report back to BIC.

### **6. Project Prioritization Team Report**

Tim Schmehl of NYISO presented a brief summary of the last PPT meeting. The Scope of Responsibilities document was developed to clarify the role of the PPT. A project status report is included in the BIC meeting materials. At the next PPT meeting, the group will discuss the 2003 Fall Customer Survey results, the project prioritization process, and any impact that SMD delays may have.

### **7. Creditworthiness, Working Capital and Non-Payment Provisions related to TSCs**

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Kevin Jones of Hunton & Williams made the presentation for the NYISO and focused on changes from the presentation made to BIC at the January 21<sup>st</sup> meeting. In paragraph I, the phrase "or third party wheeling agreements as listed in Att. L of the OATT" was added to clarify that this policy only applies to wholesale TSCs. In paragraph III, the analysis of Wholesale TSC charges incurred is now based on 30 days, not 10 as initially proposed, to facilitate administration by the TOs. In paragraph IV, the phrase "Customers contributions to working capital will be calculated without regard to WTSC Payments or receivables" was added since working capital is not used to offset non-payment of WTSCs. Paragraph IX was clarified, that if a charge is made to Rate Schedule 1 for unpaid TSC, the TO will be responsible to collect that debt, and refund any recovered amounts through Rate Schedule 1. Paragraph X was added to make explicit the intentions of prior approved provisions regarding Municipal Electric Systems – the change allows municipals to aggregate their unsecured credit through a Joint Action Agency. A correction was noted in paragraph VIII: should read wholesale transactions, not export transactions.

Howard Fromer of PSEG reiterated that he wanted the NYISO to investigate assuming responsibility billing for the WTSCs. Mr. Fromer noted that the NYISO reported that it would be a substantial undertaking to accomplish this, but still believes this is a far superior approach than the present system. PSEG can't support this motion.

### Motion #3

The Business Issues Committee hereby recommends that the MC approve tariff provisions authorizing the NYISO to:

- (i) Account for Wholesale Transmission Service Charges ("WTSC") in a customer's Operating Requirement;
- (ii) Terminate service to a customer that fails to pay its WTSC
- (iii) Collect unpaid WTSC in excess of available collateral through Rate Schedule 1
- (iv) Aggregate the individual unsecured credit allocated to Municipal Electric Systems that operate through a joint action agency, all as more fully described in the presentation materials.  
*(Motion passed by majority show of hands.)*

**Against:** Entergy, Select Energy/Agway, PSEG,

**Abstaining:** Mirant, AES, Constellation, Dynegy, Indeck, Lockport, Multiple Intervenors, East Coast power, Keyspan Ravenswood

### 8. Cross Sound Cable Interim Solution Proposal

Aaron Breidenbaugh of NYISO presented the proposed interim solution. The NYISO has been working on a project to implement external proxy bus representation for controllable tie lines (including Cross Sound Cable (CSC)), but the project is scheduled for completion for Summer 2005. The interim solution is intended to allow parties to schedule secondary service on the CSC in Summer 2004.

NYISO proposes to employ a third party to aggregate CSC user schedules, as the NYISO does not have internal resources available. In order to allow multiple parties to schedule transactions over the CSC, the NYISO proposes these restrictions:

- Timing of market deadlines will be revised to allow the SA time to create a schedule for CSC
- Transaction must be scheduled in both directions; if a transaction is not scheduled from ISO-NE, it will be removed from consideration for NYISO
- Wheels through over CSC will not be permitted
- Bilateral scheduling using Shoreham proxy as a source or sink will not be permitted

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- CSC transactions may be required to be price takers

The Scheduling Administrator (SA) will submit an aggregated schedule to MIS. Counterflow transactions are permitted, and exports and imports will be treated as proxy loads/generators. The SA will provide all transaction information to the NYISO and ISO-NE on a day ahead and real time basis for transaction checkout. The SA will also ensure that transacting parties are authorized and creditworthy. NYISO will provide credit information to the SA for use in evaluating creditworthiness. The SA will also develop settlement invoices for CSC users, and will submit them to the CSC users. Settlement will occur with the NYISO. The SA will not have funds in its own accounts, and fund transfers would continue between NYISO and MP accounts directly.

Mr. Fromer asked how curtailments would be handled. Mr. Breidenbaugh replied that the reduction would be prorated in day, but that a recent FERC order would need to be interpreted before the question could be answered with respect to day-ahead transactions.

Considerable discussion followed concerning whether the protocols are required to be finalized before tariff changes can be filed. The group reached consensus that finalizing the protocols was not required in order to vote on the tariff issues.

Bob Loughney of Multiple Intervenors inquired as to how the SA would be selected, and how the financial strength of the vendor would be assessed. He also asked how the costs related to the SA's services would be allocated.

Mr. King of NYISO replied that the contract process would address the SA's solvency, and that cost allocation would be discussed at a future committee meeting.

### **Motion #2:**

The Business Issues Committee (BIC), having reviewed the proposal for an interim solution to permit scheduling by parties in addition to the Long Island Power Authority over the Cross Sound Cable (CSC), discussed at the February 18, 2004 BIC, hereby recommends that the NYISO continue to proceed with the development of a comprehensive CSC interim proposal for presentation to the Management Committee, including draft tariff amendments.

*(Motion passed unanimously by show of hands with abstentions.)*

Abstentions:

Mirant  
AES  
Dynergy

### **9. SMD2 Market Trials Report**

Peter Lemme of NYISO presented the SMD2 Market Trials Report. Mr. Lemme began by defining the key terms in the Market Trials process. FAT (Factory Acceptance Test) is a set of tests to make sure product meets NYISO specifications. Market trials refers to the overall integrated test process. Interactive market trials refers to market participant exercises, which will include:

- Sand box exercises (MIS, OASIS)
- Virtual market exercises

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The SMD team has expanded the length of market trials from the original proposal – the new plan calls for 4 months of trials. Mr. Lemme then walked through the components of the market trials plan.

Upload/Download functionality will be tested first, starting in mid-April. Results will be simulated as they will not generate them. Mr. Lemme noted that the NYISO is offering a service to review market participants' upload/download file formats to ensure they comply with RTS specifications.

Starting Mid-May, web-based Sandbox testing begins. The NYISO will provide access to SMD 2 systems, including screens and SMD2 OASIS. Results will be simulated.

In mid-June – Virtual DAM exercises will begin and last 3 weeks. NYISO will publish forecast and network conditions for a simulated market day. 1-2 exercises will be run each week. Next, Virtual DAM/RT 2-settlement exercises will take place. This exercise will post results, issue bills, and run 1 time per week. The exercise will start in July and run 6 consecutive weeks. SMD User training starts in early May, and is designed for experienced users of NYISO systems, and addresses differences between the legacy and SMD2 systems.

Mr. Lemme pointed out that the Virtual Market results might not meet Market Participant expectations, as these trials rely on the level of participation, the bids, and other factors. The SMD 2 system will be stress tested by a panel of market participants and NYISO staff, to develop and test scenarios to stress the system and market design. Confidentiality will be assured.

### 10. Working Group Updates

**A. Billing and Accounting** (Chair: Kevin Kipers) At the last BAWG meeting, the NYISO posted the breakdown of the Blackout emergency energy purchases. This information will be discussed at the next BAWG meeting. The group also discussed congestion shortfall calculations. These figures were not included in the January invoice, and BAWG members voiced concern that unless these figures are automatically added to the invoice, market participants will not see them until the 4-month true up, when they are added manually. BAWG also discussed the RJ Rudden study on enhanced settlements, and discussed the status of billing projects. The group received clarification on the billing simulator project. The simulator is not intended to be a sandbox for market participants, but will be a tool for internal NYISO use. BAWG members were expecting that it would be a sandbox, and will discuss further.

**B. Installed Capacity** (Chair: Howard Fromer) Mr. Fromer began with an update on the ICAP Demand Curve study. NYISO has issued an RFP and is evaluating bids. A contract should be issued in early March. The final report is due in June. The group also discussed 2004 Locational Requirements, which will be discussed at OC, and voted on. The proposal is to maintain the NYC locational requirement at 80%, and to increase Long Island requirement from 95% to 98% because the CSC is modeled as a tie line, rather than a generator equivalent. The group also discussed import rights, and Mr. Fromer noted that nearly all import rights were subscribed in the recent auction. Mr. Fromer went on to note that the NYISO is considering possible procedural changes for making import rights available, but had not made any as of yet. The final RAM report was issued by NERA, and a meeting will take place at the end of February to review the report. A status report is also due to FERC by end of month. The group also discussed East Coast Power expansions. NYISO will examine issues related to the UDR element of that project. NYISO presented final price cap shape issue pertaining to refinements

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for how owners of divested generation in NYC are able to bid their capacity and remain within price caps. Details are on MDEX under meeting materials. The group also discussed the issue of intermittent power sources, and how UCAP values are calculated for those units. A NYSERDA report suggested that the UCAP values were particularly overvalued, and that the value for intermittent units could be as low as 5-10%. NYISO is investigating revisions to the methodology for calculating UCAP.

**C. Market Structure** (Chair: Jim Scheiderich) No meetings have been held.

**D. Price Responsive Load** (Chair: Bob Loughney) Met on 2/9. The group discussed changes related to SCRs, including testing, aggregation rules, and the ability to receive ICAP credit and payment for generation in excess of host loads. Any proposed changes will go before ICAP WG. Also discussed potential changes to DADRP to increase participation.

**E. Scheduling & Pricing** (Chair: Ray Kinney) Discussed Wholesale TSC policy and CSC information presented at February BIC. The group is also looking at a ConOp for internal controllable lines and how to model them, as well as issues concerning the self-supply of operating reserves. Generation Issues Task Force was re-started to discuss combined-cycle modeling.

**F. Electric System Planning (Joint OC/BIC WG)** (Chair: William Palazzo) Work continues on initial planning and comprehensive planning processes. NYISO presented a draft outline of the initial planning report and asked for comments on the outline. An outstanding issue related to using the PROBE model for historical congestion was also discussed. Discussion continues on cost allocation and recovery methods for reliability projects – the working group is planning to prepare a FERC filing on the planning process by the end of the year.

John Buechler of the NYISO gave a follow-up presentation on interconnection issues and the compliance filing to FERC. TPAS is currently discussing a variety of issues that arose from the compliance filing. The NYISO and TOs filed a joint petition requesting clarification of the effective date of the compliance filing, and requested that existing procedures remain in place until FERC rules on the compliance filing.

### **11. New Business All**

Mr. Scheiderich asked that the NYISO consider completing an updated TCC Manual within two months.

### **12. Administrative Matters: Ray Stalter**

BIC will stay with 10am start time for the time being.

Meeting was adjourned at 2:00 pm

Respectfully Submitted,

James Considine  
Acting Recording BIC Secretary

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*The New York State Nurses Association*

### **MOTIONS FROM THE MEETING**

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

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

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

**Business Issues Committee - Attendance February 18, 2004 - Albany, NY - Parties Checked in Attendance**

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
NYS Energy Research & Develop. Auth.	End Use - Gov. Agency/Aggr.	✓ David Coup	Paul DeCotis	Chris Hall	Erin Hogan	John Spath			
The City of New York	End Use - Gov. Agency/Aggr.	✓ Michael Delaney	Gil Quiniones	Scott Butler	Jonathan Wallach				
Alcoa/Reynolds Metals Company	End Use - Large Consumer	✓ Robert Loughney	Michael Mager						
ATCO Management Co.	End Use - Large Consumer	Peter DiCapua	Scott Petersen	George Diamantopoulos					
IBM Corporation	End Use - Large Consumer	✓ Robert Loughney	Michael Mager						
Occidental Chemical Corp.	End Use - Large Consumer	✓ Robert Loughney	Michael Mager						
Praxair Inc.	End Use - Large Consumer	✓ Robert Loughney	Michael Mager						
Xerox Corporation	End Use - Large Consumer	✓ Robert Loughney	Michael Mager						
Metropolitan Transportation Authority	End Use - Large Cons. Gov.	Jesse Samberg	Gary Caplan	Walter McCarroll					
Association for Energy Affordability, Inc.	End Use - Small Consumer	David Hepinstall	✓ Larry DeWitt						
Beth Israel Health Care System	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner			
Building and Realty Institute	End Use - Small Consumer	Herb Rose	Judith Mondre	Ted Lee	✓ Tariq Niazi				
CNYC Inc. (Council of NY Coop & Condo)	End Use - Small Consumer	Herb Rose	MaryAnn Rothman	Judith Mondre	Ted Lee	✓ Tariq Niazi			
Columbia University	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner			
Mount Sinai Medical Center	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner			
New York Energy Buyers Forum	End Use - Small Consumer	Herb Rose	David Bomke	✓ Tariq Niazi					
New York Presbyterian Hospital	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner			
New York University	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner			
Refined Sugars, Inc.	End Use - Small Consumer	John Gebhard	Quintin George	Catherine Luthin	✓ John Dowling	Jennifer Kearney			
NY State Consumer Protection Board	End Use - State Agency	✓ Tariq Niazi	Doug Elfner						
AES NY	Generation Owners	Doug Roll	Charles Sjoberg	✓ Christopher Wentlent				✓ Jim King	
American National Power, Inc.	Generation Owners	Dorothy Capra	Bill Henson						
Astoria Energy LLC	Generation Owners	Greg Banhazl	Leonard Singer						
Calpine	Generation Owners	None Assigned	Thomas Kaslow	Richard Felak					
East Coast Power Linden Holding LLC	Generation Owners	✓ Roy Shanker	Thomas Hoatson	Robert Licato	Kathy Benini				
Edison Mission Marketing & Trading	Generation Owners	✓ William Roberts	Robert Agnello	Jeffrey Ellis	Peter Brown	Rich Mooney	Pam Van Horn		
Entergy Nuclear Northeast	Generation Owners	Marc Potkin	Angelo Vai	✓ Ron Mackowiak					
Indeck Energy Services	Generation Owners	Mike Ferguson	John Schrage	✓ Mark Younger					
KeySpan Ravenswood, LLC	Generation Owners	James Brennan	Rich Hohlman	Joseph Vignola	✓ James D'Andrea	Terrence Kain	Rich Rapp		
Mirant New York, Inc.	Generation Owners	Vicki Lynch	Susann Felton	Doreen Saia				✓ Jim King	
Orion Power New York	Generation Owners	John Reese	Bruce Bleiweis						
Sithe Energies, Inc.	Generation Owners	✓ David Applebaum	Linda Clarke	Regina Carrado					
TransCanada Power Marketing	Generation Owners	William Taylor	Elaine Beaudry						
1st Rochdale Cooperative NYC	Other Suppliers	Gregory Wortham							
Advantage Energy, Inc.	Other Suppliers	Kyle Storie							✓ Angela Carlson
Agway Energy Services, Inc.	Other Suppliers	Russell Miller	✓ Jim Scheiderich						
Amerada Hess Corporation	Other Suppliers	Kevin LaGuardia	Blas Hernandez						
Cinergy Capital and Trading	Other Suppliers	Jason Barker	Walt Yeager						
Con Edison Energy	Other Suppliers	Stephen Wemple	Ivan Kimball						
Con Edison Solutions	Other Suppliers	Stephen Wemple	Rich Staines						
Conectiv	Other Suppliers	Bill Fehr	John Foreman						
Constellation New Energy Inc.	Other Suppliers	Peter Duprey	Carrie CullenHitt	Steve Fernands					
Constellation Power Source	Other Suppliers	✓ Glen McCartney	Mary Lynch	Daniel Allegretti					
Coral Power, LLC	Other Suppliers	Matt Picardi	Dave French						
Dominion Energy Marketing, Inc.	Other Suppliers	✓ Wes Walker	Lou Oberski	Michael Bekker					
Duke Energy North America, LLC	Other Suppliers	Stacy Dimou	Del Disher						
Dynergy	Other Suppliers	✓ Alan Foster	Jason Cox	Kevin White	Tom May	Steve Vavrik			
ECONnergy	Other Suppliers	Saul Horowitz	Tom Halleran						
El Paso Merchant Energy	Other Suppliers	Jeff Moore	Asavari Alvarez						
Exelon Generation - Power Team	Other Suppliers	✓ David Applebaum	Linda Clarke	Regina Carrado					
Fortistar/Lockport Energy Associates, L.P.	Other Suppliers	Roger Kelley	Tom Gesicki	✓ Mark Younger	✓ Glenn Haake				
FPL Energy	Other Suppliers	Fernando DaSilva	Dan Wheeler						
HQ Energy Services	Other Suppliers	✓ Christian Desilets	Michel Prevost	Paul Norris	Benoit Goyette				
KeySpan Energy Services	Other Suppliers	Terrence Kain	✓ James D'Andrea	Edwin Kichline	James Cross	John Vaughn			
Morgan Stanley Capital Group	Other Suppliers	Patrick Murray	Karen Kochonies	✓ Levon Kazarian	Doron Ezickson				
NRG Power Marketing	Other Suppliers	✓ Tim Foxen	Katie Sullivan	✓ Peter Chamberlain					
NU / Select Energy	Other Suppliers	✓ Jim Scheiderich	Gunnar Jorgensen						
Ontario Power Generation Inc.	Other Suppliers	Tasos Karatsoreos	Jim Mastorakos	Ken Lacivita	Erica Cheung	Scott McArthur			
PP&L Energy Plus	Other Suppliers	Roland Moor	David Yannarell	Jeff Bell	John Brodbeck				



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

**Business Issues Committee - Attendance February 18, 2004 - Albany, NY - Parties Checked in Attendance**

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
PSEG Energy Resources & Trade	Other Suppliers	✓ Howard Fromer	Michael LaFalce	Bob Logan	Dennis Sobieski				
Reliant Energy Services, Inc.	Other Suppliers	✓ Liam Baker	Bill Berg						
Sempra Energy Trading	Other Suppliers	Dan Staines	Maria Agovino						
Strategic Energy LLC	Other Suppliers	Francis Pullaro	Michael Swider	Jeffrey Knox	James McCormick	Matt Morais			
Strategic Power Management, Inc.	Other Suppliers	✓ Mario DiValentino	Tom Folchi	Dan Duthie					
TransEnergie U.S. Ltd.	Other Suppliers	Michael Jacobs	José Rotger						
Williams Energy Marketing & Trading Co.	Other Suppliers	David Singer	Dennis Keener	Robert O'Connell					
Long Island Power Authority	Public Power - Authorities	James Parmelee	✓ Kevin Jones	Bill Killgoar					
New York Power Authority	Public Power - Authorities	Bob Deasy	✓ Bob Gow	Paul Rougeaux	✓ Kevin Kipers				✓ Bill Palazzo
American Wind Energy Association	Public Power - Environmental	Valerie Strauss	✓ Larry DeWitt	Douglas Ward					
Environmental Advocates	Public Power - Environmental	Anne Reynolds	✓ Larry DeWitt						
Nat'l Resources Defense Council	Public Power - Environmental	Dale Bryk	✓ Larry DeWitt						
Pace University	Public Power - Environmental	Edward Smeloff	✓ Larry DeWitt						
Scenic Hudson	Public Power - Environmental	✓ Larry DeWitt							
Bath Electric, Gas & Water Systems	Public Power - Munis & Co-ops	Ken Moore	✓ Tim Bush	Matthew Benesh	Jim Hamilton	Paul Pallas	Jack Brown		
City of Jamestown Board of Pub. Util.	Public Power - Munis & Co-ops	✓ Michael Darroch	✓ David Gustafson	Wally Haase	✓ Tom Rudebusch				
Plattsburgh Municipal Lighting Dept.	Public Power - Munis & Co-ops	Jack Brown	✓ Tim Bush	Ken Moore					
Village of Fairport	Public Power - Munis & Co-ops	Ken Moore	✓ Tim Bush	Paul Pallas					
Village of Freeport	Public Power - Munis & Co-ops	Anthony Fiore	Ted Kimlingen						
Village of Rockville Centre	Public Power - Munis & Co-ops	Tom Cardile	Ken Moore	Matthew Benesh	Jim Hamilton	Paul Pallas	Jack Brown	✓ Tom Rudebusch	
Village of Westfield	Public Power - Munis & Co-ops	Jim Hamilton	✓ Tim Bush	Ken Moore	Matthew Benesh	Jack Brown	Paul Pallas	✓ 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	✓ Bart Franey	✓ Wesley Yeomans	Jerry Ancona					
NY State Electric Gas (NYSEG)	Transmission Owners	✓ Ray Kinney	✓ Patti Caletka	✓ Steve Jeremko	Hank Masti				
Orange & Rockland, Inc.	Transmission Owners	Gary Rozmus							
Rochester Gas & Electric	Transmission Owners	✓ Ray Kinney	✓ Patti Caletka	✓ Steve Jeremko	Hank Masti				
Caithness Energy, L.L.C	Non-voting	Ross Ain	Jack Feinstein						
Cianbro Corporation	Non-voting	Ed Krapels	Brian Chernack	Paul Flemming					
Customized Energy Solutions	Non-voting	✓ Rick Mancini	Stephen Fernands	Bill Schofield					
Energetix, Inc.	Non-voting	Barney Farnsworth	Gerald Strassner						
Hudson River Energy Group	Non-voting	Frank Radigan							
Hydro-Quebec TransEnergie	Non-voting	Glenn Sylvain	Mario Boucher						
NYS Department of Public Service	Non-voting	✓ Bill Heinrich	David Drexler						
The Structure Group	Non-voting	Bob Furry							
William P. Short	Non-voting	William Short	Marc Schaefer	Joe DeVito	John Brodbeck	Ron Matlock	Paul Savage	Roberto Denis	
zNew Member	Non-voting	None Assigned							
zNew Member	Non-voting	None Assigned							
zNew Member	Non-voting	None Assigned							
zNew Member	Non-voting	None Assigned							
zNew Member	Non-voting	None Assigned							
zNew Member	Non-voting	None Assigned							
zNew Member	Non-voting	None Assigned							

**NYISO and Hunton & Williams Members in Attendance:**

Ira Freilicher	Hunton & Williams
Kathy Robb	Hunton & Williams
✓ Kevin Jones	Hunton & Williams
✓ Alex Schnell	NYISO
✓ Andrew Antonori	NYISO
✓ Chuck King	NYISO
✓ Gerald Deaver	NYISO
✓ Aaron Breidenbaugh	NYISO
✓ Elaine Robinson	NYISO
✓ Kristen Kranz	NYISO
✓ Leigh Bullock	NYISO
✓ Ray Stalter	NYISO
✓ Debbie Eckels	NYISO
✓ Mike Calimano	NYISO

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

**Business Issues Committee - Attendance February 18, 2004 - Albany, NY - Parties Checked in Attendance**

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
✓ John Buechler	NYISO								
✓ James Considine	NYISO								
✓ Tim Schmehl	NYISO								
✓ John Charlton	NYISO								
✓ Andrew Antinori	NYISO								
✓ Jane Lathrop	NYISO								
✓ Ernie Cardone	NYISO								
John Charlton	NYISO								
✓ Kathy Whitaker	NYISO								
Andy Hartshorn	NYISO/LECG								

**Key:**

✓ = In attendance