

**NYISO Business Issues Committee Meeting Minutes – Revised DRAFT**

August 24, 2005

NYS Nurses Association  
11 Cornell Road  
Latham, NY 12110

**1. Welcome & Meeting Objectives**

Mr. Jim Scheiderich, (Select Energy) Chair of the Business Issues Committee (BIC), called the meeting to order at 10:00 AM and welcomed the members of BIC. Attendees introduced themselves and named the organizations they represent.

**2. Approval of minutes for June 29, 2005**

Mr. Ray Stalter of the NYISO reviewed the June 29<sup>th</sup> Minutes with the Committee, noting changes submitted by Committee members. No additional comments on the Minutes were raised by the BIC at the meeting.

Motion 1:

Motion to approve the minutes from the June 29<sup>th</sup> meeting of the BIC.

Motion Passed

**2. Approval of minutes for July 27, 2005**

Mr. Stalter reviewed the Minutes from the July 27<sup>th</sup> meeting. No additional comments on the Minutes were raised by the BIC at the meeting.

Motion 2:

Motion to approve the minutes from the July 27<sup>th</sup> meeting of the BIC.

Motion Passed

**3. Chair's Report**

No Report provided.

**4. Market Operations Report**

Mr. Charles King, NYISO Vice President of Market Services, presented the Market Operations Report. The NYISO recorded two days of record loads in July, and saw very high out sendout MWh, and high average LBMPs as well. In response to a question from Mr. Younger, the NYISO will investigate producing an analysis of average past monthly LBMPs, and how they compare when corrected for fuel prices adjustments. Mr. King went on to note that uplift has risen this summer, due largely to Bid Production Cost Guarantees related to the Thunderstorm Alert process. Also, while high volatility was seen in Real Time prices, the NYISO deployed the recently approved 10-Minute resource software, which should result in improvement. The NYISO will monitor price volatility and continue to provide reports to the BIC.

**5. Northeast Seams Report**

With regard to Intra-Hour Transaction Scheduling, Mr. King stated that the report on the pilot tests is expected to be discussed at the MSWG in September.

With regard to Regional Resource Adequacy (“RAM”), Mr. King noted that the date for having a stakeholder meeting on the various ICAP proposals has been pushed out since there is still work being done in PJM related to their Reliability Pricing Model, as well as in ISO-New England (“ISONE”), where the work being performed is associated with Locational Installed Capacity (“LICAP”).

Mr. King noted that on August 22 ISONE issued an operating protocol for the 1385 cable under Long Island sound. Kevin Jones of LIPA asked about the NYISO’s response to this protocol. Mr. King responded that NYISO Market Operations has reviewed the protocol, and the NYISO has been communicating with ISONE on the matter. He further encouraged Mr. Jones to raise additional questions on the Operating Protocol at the NYISO Operating Committee. Mr. Scheiderich asked for access to this ISONE protocol.

In response to a question from Ms. Doreen Saia of Mirant, Mr. King replied that LECG is working on an analysis of the PJM proxy bus and associated price calculations. Ms. Saia stated she would like to get the PJM proxy bus on the agenda of the Market Structure Working Group meeting in September. Subsequent to this, a discussion was had among BIC members on analyses of interfaces, multiple proxy busses, free-flowing ties, controllable lines, and phase-angle regulators.

## **6. Working Group Updates**

### **A. Billing and Accounting (BAWG)**

Mr. Kevin Kipers of the New York Power Authority reviewed his presentation, which included discussion of the automated 80/20 split that is planned for September implementation. Deployment of the automation of export rates to ISO-NE has been delayed until October. Final Bill closeouts are continuing at the rate of 5 per invoice. Manual adjustments are included. The NYISO was asked by the BAWG to send emails to the Market Participants if changes are made to the manual adjustments, which the NYISO is looking into. Mr. Scheiderich asked if there are additional BPCG changes being made for the marketplace. Mr. Kipers responded that just one supplier is affected. Ms. Saia asked about the 30-day challenge period, and the ability to make changes to the invoices within that period. Mr. Kipers responded by indicating that that this process is not yet completely defined. There followed a discussion of the months (November 1999 to March 2000) that are being closed out, specifically manual adjustments and when the 30-day review clock started. Further discussion of this issue will take place at BAWG. Mr. Scheiderich opined that the only way to move forward on certain billing issues is to seek a tariff change, and that there is a task force working on the resolution of the final bill disposition.

### **B. ESPWG**

Mr. Bill Pallazzo of NYPA described the efforts under way at ESPWG to keep on-schedule with regard to the reliability planning process. Other topics he covered included the cost allocation process and the ICAP demand curve, where work continues. NY Public Service Commission (PSC) staff was asked, by the ESPWG, for a brief overview about their notice asking for comment on generator retirements and the impact on voltage levels below the bulk power system. PSC staff had asked

if PowerGEM could validate the "What-if" analyses related to the planning process, especially with regard to the economic value of ameliorating a constraint by building a new transmission facility. This was seen as a way to ensure that the screening process being used has some value, which he noted appears to be the case if the appropriate qualifiers are used.

## **B. IITF**

No meeting was held.

## **D. ICAP Working Group**

Mr. Glen Haake of IPPNY reported that the last ICAPWG meeting was held on August 16<sup>th</sup>. At this meeting intermittent resources were discussed, which is scheduled to be discussed at the next meeting as well. Regarding the resources, the NYISO proposes to develop Demonstrated Maximum Net Capability (DMNC) for each facility by using the nameplate rating initially, and for the forced outage rate it would use actual output during peak hours of the capability seasons. Until the latter data can be produced, the General Electric wind study would provide that information. Intermittent resource-related rules will require tariff changes. It is expected this will be in place in the beginning of 2006.

The ICAP Demand Curve adjustment process and how it could be improved was discussed. Draft tariff language is to be sent out today. The schedule related to market participant approval of the tariff language was outlined.

SCR issues were discussed. Other ICAP WG topics noted included:

- Metering options for Distributed Generation resources and how to do the baseline testing and assess the impact on Transmission District/TO peaks.
- DMNC verification and associated problems, especially with getting revenue meter information to verify tests; the NYISO proposed to use its Plant Information (PI) system as a substitute for the meter data.
- DMNC test audit periods - originally proposed to be up to 18 months. The NYISO MMU agreed to look at shortening the length of those periods.
- Work with the Installed Capacity Subcommittee of the NYS Reliability Council to develop both the Locational Capacity Requirements and the IRM process on a consistent basis.
- Import rights and "fastest fax wins" method looked at; the group is considering other ways to assign import rights.

## **C. Market Structures Working Group**

Liam Baker, for Reliant, reported the Voltage Support Services (VSS) changes were discussed, and will be the subject of a motion to be voted on in the BIC today. Dave Lawrence of the NYISO presented the market evolution plan. AWS Truewind gave a presentation regarding wind forecasting, and its associated impacts on markets.

Other MSWG topics included 15-minute scheduling, the TCC manual, and Black Start services.

#### **D. Price Responsive Load Working Group**

Rick Mancini discussed advisories and activations for the EDRP and SCR programs. Some MPs have expressed concern with the number of advisories and activations, and the stand-by period needed when advisories are called. NYISO staff indicated that Operations would report to the PRLWG about the basis for advisories. Also on the PRLWG agenda were options for demand response participation in the Ancillary Services. The SCR participant notification process was another topic. Finally, NYISERDA presented information on the Con Ed demand response initiatives.

#### **G. Scheduling & Pricing Working Group**

Mr. Stalter talked about Virtual Bidding credit policy discussion at a recent SPWG/Credit Policy Task Force teleconference. Additional meetings addressing the Virtual Bidding credit policy will be scheduled in the Fall. In response to a question from Matt Picardi, Mr. Stalter indicated that the filing being discussed was a compliance filing to FERC.

#### **7. Proposed NYISO TCC Manual**

Ms. Kathy Whitaker of the NYISO reviewed the TCC Auction Manual. The scope of the current version of the Manual was discussed. This version focuses on the auction process, the auction rules, and the attachments, (the latter are attached to the rules document). Future Manual enhancements will include what is currently NYISO Technical Bulletin information: also, Market Participant self-validations, Attachment L updates, and transferring TCCs, among other things. However, the immediate goal is to get the manual out to the marketplace to support the Autumn 2005 capability period auction. Ms. Whittaker reviewed the history of this version of the manual at MSWG. BIC approval is needed today to get the manual out to the marketplace.

The motion was displayed for the Committee, and motioned and seconded by Jim Scheiderich and Matt Picardi. Mr. Picardi discussed the finality of auction results and how Market Participants are to interpret those results, in addition to other aspects of the manual. This is to be examined further by the MSWG, possibly to be addressed for the Spring 2006 auction. The motion was modified to address these concerns.

Mr. James D'Andrea for Keyspan Ravenswood raised a concern with voting on Manuals, and asked if manuals should be filed with FERC. Mr. Scheiderich responded that this question is a broader issue and should be addressed at Management Committee level. Further discussion was held about the language of the motion as displayed and revised. Mr. Alex Schnell of the NYISO had some concerns regarding the language of the revised motion, as the NYISO doesn't have complete control over how quickly the changes to various TCC documents and processes are approved. After more discussion of the roles of the tariff(s) as filed with FERC vs NYISO manuals, the vote on the motion was held.

**Motion #3:**

The Business Issues Committee (BIC) hereby approves the NYISO TCC Manual, as reviewed by the MSWG and distributed to the Committee on August 9, 2005.

The BIC further directs the MSWG to continue to review issues raised at the August 15th MSWG meeting regarding the finality of auction round results, and issues raised at this meeting with respect to TCC purchase and sale agreements and auction rules and deliver to BIC recommendations for changes to such rules, agreements, manuals, including attachments, or NYISO tariffs, for consideration and approval by BIC. The goal is that the process should be completed in time for any changes to be implemented for the Spring 2006 TCC auction.

***(Motion passed with opposition from Keyspan Ravenswood, and several abstentions)***

**8. Proposal for Resolution of Near-term Voltage Support Service (VSS) Revisions**

There was a discussion of whether to table this issue as more negotiating work is needed. Mr. Carl Patka of the NYISO pointed out there is a need to file with FERC as there is no rate in place for 2006. He further stated that not much progress has been made. A discussion ensued about where we are in the process of setting and filing a VSS rate.

**Motion #4b:**

Motion to table discussion of proposed Voltage Support Service program revisions.  
***(Motion passed with opposition from National Grid and several abstentions)***

**9. Proposed Local Black Start Program revisions.**

Ms Gina Fedele of Hunton & Williams outlined her presentation on the proposal to address providers of local Black Start service in Load Zone J (NYC). Negotiations with [existing local black start](#) providers in the Orange & Rockland (O&R) and Central Hudson (CH) subzones will start soon. She noted that while Black Start compensation is addressed in the OATT and MST, the Tariffs contain little detail [except for specifying that compensation should be based on FERC Form 1 or "equivalent data."](#) ~~The however, divested independent~~ generators [however](#) are not [required to submit](#) ~~keeping~~ FERC Form 1 data, so current [FERC Form 1](#) cost data is not available [from them](#).

The new Zone J proposals were discussed, including the proposed compensation and testing requirements. The plan is for Con Ed to identify generators that are needed to provide Black Start in NYC. Other plan highlights include the length of service and technical requirements. Zone J compensation in the tariff would be changed from cost-based compensation to being determined on a unit and site basis.

Ms. Saia noted that local providers of Black Start have not been paid for this service since 1999 and in 2003 a Black Start Task Force was formed to resolve these issues. There were fewer issues for non Zone J providers, so the Task Force agreed to let the Zone J entities work on their local black start program first. During the Task Force meetings, the New York City local black start providers and Con Edison disagreed about the number of MWs that qualified under the Con Edison program which prevented these issues from being resolved. The other two local black start providers did not have this issue. Thus, when impasse was reached on this aspect, the two Rest of State local black start providers agreed to allow Con Edison and the three In City local black start providers to hold separate discussions to resolve the MW qualification issue. Ms. Saia's view is that the intent was for this work to develop a structure that could be translated to payment for past and future services for rate for all local black start providers. Ms. Saia went on to state that it is her hope that the FERC filing would be comprehensive and not piece-meal as all local black start providers must be compensated. Ms. Saia is working to come up with language to satisfy Mirant as well as other affected parties.

Dr. Maeyer Sasson of Con Ed agreed that it is important for other TO areas to have Black Start contracts in place, but noted that there are issues with regard to compensation, testing, and other technical concerns that require time to resolve. In his view, a good testing program has been developed for New York City, but it is unknown what issues might exist for the other two zones. The NYISO has been heavily involved, which has been helpful. Dr. Sasson continued by saying that the NYC methodology may not work in the Central Hudson and Orange and Rockland subzones. He asserted that it is nonetheless important to get a plan in place for NYC and not to wait until plans are completed for other zones.

Mr. Haake noted that the generators in NYC performed well during the blackout, as they would now if called on. He was concerned over further delay in developing the Zone J/NYC agreement for all local black start providers. Ms. Saia stated that Mirant is willing to allow this motion, but wants the O&R and Central Hudson black start work to move forward on a defined timeframe.

Ms. Fedele stated that the NYISO is planning to circulate proposals to the NY rest-of-state providers in the next week or two, and would agree to a tight timeframe, perhaps even starting within a month.

Neil Butterklee of Con Edison responded that he appreciated the concern expressed at the BIC, but this proposal is not just about compensation, but also testing. He opined that it is not appropriate for the BIC to make a motion for other third-parties to take specific actions in some number or weeks. Ms. Fedele responded that deadlines can be useful to get action. There was more discussion about other New York State providers' needs being addressed in this motion.

The motion was called for and moved by Con Edison and Keyspan Ravenswood. Tom Canino raised concerns with language in paragraph two of the motion, and moved to strike. LIPA seconded the motion to strike.

**Motion 5a**

Motion to amend motion 5 to strike second paragraph of motion.

***(Motion failed with 37% affirmative votes)***

The main motion was called.

**Motion #5**

The Business Issues Committee (BIC) recommends that the Management Committee approve a Black Start and Restoration Services compensation plan and testing principles upon which tariff amendments will be based relating to the provision of black start service in load zone J by existing black start providers, as presented to the BIC at its August 24, 2005 meeting.

The BIC further recommends that a proposal (s) to address the rights, obligations, and compensation plan, for the two other existing local providers of black start and system restoration services, shall be presented by the NYISO Staff at its September 2005 BIC meeting for discussion and action.

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

**10. New Business**

Mr. Younger expressed concerns about the NYISO website. Mr. King agreed that there is a need to improve certain aspects of the web, and to track website issues. He also suggested that Mr. Younger send particular issues to him. Mr. King noted that we are delivering further enhancements for the Web in October.

**11. Administrative matters.**

None

**12. Adjournment**

Meeting adjourned at 3:15 PM.

Respectfully Submitted,  
Bill Porter  
Recording BIC Secretary

## **Business Issues Committee Meeting**

August 24, 2005  
NYSNA – Latham, NY

### **SUMMARY OF MOTIONS**

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

Motion to approve the minutes of the June 29, 2005 meeting.

*(Motion passed unanimously by show of hands)*

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

Motion to approve the minutes of the July 27, 2005 meeting.

*(Motion passed unanimously by show of hands)*

#### **Motion #3:**

The Business Issues Committee (BIC) hereby approves the NYISO TCC Manual, as reviewed by the MSWG and distributed to the Committee on August 9, 2005.

The BIC further directs the MSWG to continue to review issues raised at the August 15th MSWG meeting regarding the finality of auction round results, and issues raised at this meeting with respect to TCC purchase and sale agreements and auction rules and deliver to BIC recommendations for changes to such rules, agreements, manuals, including attachments, or NYISO tariffs, for consideration and approval by BIC. The goal is that the process should be completed in time for any changes to be implemented for the Spring 2006 TCC auction.

*(Motion passed by a majority show of hands with abstentions)*

#### **Motion #4a**

The Business Issues Committee (BIC) hereby approves revisions to the NYISO Voltage Support Service Program, as recommended by the MSWG at the August 15th meeting, as noted below:

- 1) To move to Net Lagging at the point of interconnection compensation measurement;
- 2) To provide clarification of testing requirements, as presented to the BIC at the August 24th meeting;
- 3) To the extent that a supplier does not have access to data from a net MVar meter, the NYISO will calculate a value based upon a gross MVar reading and an established power flow calculation;
- 4) The 2006 revenue requirement will be based upon the 2001 revenue requirement, updated for new additions and retirements as of October 31, 2005.

In addition, the BIC recommends that the Management Committee act to delete, as presented to the BIC on August 24th, the section from Rate Schedule 2 that requires Voltage Service payments to Non-Utility Generators ("NUGs") operating under existing power purchase agreements to be provided to the entity purchasing the NUG's Energy or Capacity, unless otherwise stipulated by that entity.

*(Discussion of proposed Voltage Support Service program revisions tabled - see motion 4b)*



**Motion #4b:**

Motion to table discussion of proposed Voltage Support Service program revisions.

***(Motion passed by a majority show of hands with abstentions)***

**Motion #5**

The Business Issues Committee (BIC) recommends that the Management Committee approve a Black Start and Restoration Services compensation plan and testing principles upon which tariff amendments will be based relating to the provision of black start service in load zone J by existing black start providers, as presented to the BIC at its August 24, 2005 meeting.

The BIC further recommends that a proposal (s) to address the rights, obligations, and compensation plan, for the two other existing local providers of black start and system restoration services, shall be presented by the NYISO Staff at its September 2005 BIC meeting for discussion and action.

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

**Motion 5a**

Motion to amend motion 5 to strike second paragraph of motion.

***(Motion failed with 37% affirmative votes)***

# New York Independent System Operator

## Business Issues Committee - August 25, 2005

Motion: Motion #

Result: Motion Failed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against	
Generation Owners	21.5	✓	✓	21.50	0.00	5.00	2	0.00	21.50	
Other Suppliers	21.5	✓	✓	21.50	0.00	9.00	6	0.00	21.50	
Transmission Owners	20.0	✓	✓	20.00	1.00	0.00	3	20.00	0.00	
End Use Consumer			✓							
Large Consumer	9.0	✓		9.00	0.00	0.00	5	0.00	0.00	
Large Cons. Gov. Agency	2.0	✓		2.00	0.00	0.00	0	0.00	0.00	
Small Consumer	4.5	✓	✓	4.50	0.00	1.00	5	0.00	15.50	
Gov. State-wide Cons. Advocate	2.7	✓		2.70	0.00	1.00	0	0.00	2.70	
Gov. Sm. Cons. & Retail Aggr.	1.8	✓		1.80	0.00	1.00	0	0.00	1.80	
Public Power			✓							
State Power Authorities	8	✓		9.07	1.00	0.00	1	17.00	0.00	
Munis and Coops	7	✓		7.93	0.00	0.00	11	0.00	0.00	
Environmental	2	✓		0.00	0.00	0.00	0	0.00	0.00	
				5	100.00	2.00	17.00	33	37.00	63.00
					100.00	Normalized to 100% :		37.00	63.00	

**New York Independent System Operator  
Business Issues Committee - August 25, 2005**

**Motion  
Motion #**

Sector	Organization	Representative	Affiliate	Present	For	Against
End Use - Gov. Agency/Aggr.	NYS Energy Research & Develop. Auth.	David Coup		y		1.00
End Use - Gov. Agency/Aggr.	The City of New York					
End Use - Large Consumer	Alcoa/Reynolds Metals Company	Morgan Parke		y		
End Use - Large Consumer	Helmley-Spear Inc.					
End Use - Large Consumer	IBM Corporation	Morgan Parke		y		
End Use - Large Consumer	Occidental Chemical Corp.	Morgan Parke		y		
End Use - Large Consumer	Praxair Inc.	Morgan Parke		y		
End Use - Large Consumer	Xerox Corporation	Morgan Parke		y		
End Use - Large Cons. Gov.	Metropolitan Transportation Authority					
End Use - Small Consumer	American Sugar Refining, Inc.					
End Use - Small Consumer	Association for Energy Affordability, Inc.					
End Use - Small Consumer	Beth Israel Health Care System	Tariq Niazi		y		
End Use - Small Consumer	Building and Realty Institute	Tariq Niazi		y		1.00
End Use - Small Consumer	Columbia University	Tariq Niazi		y		
End Use - Small Consumer	Mount Sinai Medical Center	Tariq Niazi		y		
End Use - Small Consumer	New York Presbyterian Hospital	Tariq Niazi		y		
End Use - Small Consumer	New York University	Tariq Niazi		y		
End Use - State Agency	NY State Consumer Protection Board	Tariq Niazi		y		1.00
Generation Owners	AES NY					
Generation Owners	American National Power, Inc.					
Generation Owners	Astoria Energy LLC					
Generation Owners	Calpine	Richard Felak		y		
Generation Owners	East Coast Power Linden Holding LLC	Roy Shanker		y		
Generation Owners	Edison Mission Marketing & Trading	William Roberts		y		1.00
Generation Owners	Entergy Nuclear Northeast	Ron Mackowiak		y		1.00
Generation Owners	Indeck Energy Services	Mark Younger		y		1.00
Generation Owners	KeySpan Ravenswood, LLC	Jim D'Andrea		y		1.00
Generation Owners	Mirant New York, Inc.	Doreen Saia		y		1.00
Generation Owners	Orion Power New York	Liam Baker	y	y		
Generation Owners	Selkirk Cogen Partners, L.P.					
Generation Owners	Sithe Energies, Inc.		y			
Generation Owners	TransCanada Power Marketing					
Other Suppliers	Advantage Energy, Inc.					
Other Suppliers	Amerada Hess Corporation					
Other Suppliers	Brascan Energy Marketing Inc.	Robert Ricketts		y		1.00
Other Suppliers	Cinergy Capital and Trading					
Other Suppliers	Con Edison Energy		y			
Other Suppliers	Con Edison Solutions		y			
Other Suppliers	Connectv					
Other Suppliers	Constellation New Energy Inc.		y			
Other Suppliers	Constellation Power Source	Glen McCartney		y		
Other Suppliers	Coral Power, LLC	Matt Picardi		y		
Other Suppliers	DC Energy	Bruce Bleiweis		y		
Other Suppliers	Dominion Energy Marketing, Inc.					
Other Suppliers	Duke Energy North America, LLC					
Other Suppliers	Dynegy	Barry Huddleston		y		1.00
Other Suppliers	ECOnergy					
Other Suppliers	Epic Merchant Energy	Erik Abend		y		1.00
Other Suppliers	Exelon Generation - Power Team					
Other Suppliers	Fortistar/Lockport Energy Associates, L.P.	Mark Younger		y		1.00
Other Suppliers	FPL Energy	David Applebaum		y		1.00
Other Suppliers	Galt Power	Rick Mancini		y		
Other Suppliers	HQ Energy Services	Michel Prevost		y		
Other Suppliers	KeySpan Energy Services	Jim D'Andrea	y	y		
Other Suppliers	Morgan Stanley Capital Group					
Other Suppliers	NRG Power Marketing	Tim Foxen		y		1.00
Other Suppliers	NU / Select Energy	Jim Scheiderich		y		
Other Suppliers	Ontario Power Generation Inc.	Glenn Haake		y		1.00
Other Suppliers	PPM Energy					
Other Suppliers	PP&L Energy Plus	Joseph Langan		y		1.00
Other Suppliers	PSEG Energy Resources & Trade					
Other Suppliers	Reliant Energy Services, Inc.	Liam Baker		y		1.00
Other Suppliers	Sempra Energy Trading					
Other Suppliers	SESCO Enterprises, LLC					
Other Suppliers	Strategic Energy LLC					
Other Suppliers	Strategic Power Management, Inc.					
Other Suppliers	TransEnergie U.S. Ltd.		y			
Other Suppliers	Williams Power Company					
Public Power - Authorities	Long Island Power Authority	Kevin Jones		y		1.00
Public Power - Authorities	New York Power Authority	Bob Gow		y		
Public Power - Environmental	American Wind Energy Association					
Public Power - Environmental	Environmental Advocates					
Public Power - Environmental	Natl Resources Defense Council					
Public Power - Environmental	Pace University					
Public Power - Environmental	Scenic Hudson					
Public Power - Munis & Co-ops	Bath Electric, Gas & Water Systems	Tim Bush		y		
Public Power - Munis & Co-ops	City of Jamestown Board of Pub. Util.	David Gustafson		y		
Public Power - Munis & Co-ops	Lake Placid Village	Tim Bush		y		
Public Power - Munis & Co-ops	Municipal Commission of Boonville	Tim Bush		y		
Public Power - Munis & Co-ops	Plattsburgh Municipal Lighting Dept.	Tim Bush		y		
Public Power - Munis & Co-ops	Village of Arcade	Tim Bush		y		
Public Power - Munis & Co-ops	Village of Fairport	Tim Bush		y		
Public Power - Munis & Co-ops	Village of Freeport	Tom Rudebusch		y		
Public Power - Munis & Co-ops	Village of Rockville Centre	Tom Rudebusch		y		
Public Power - Munis & Co-ops	Village of Solvay	Tim Bush		y		
Public Power - Munis & Co-ops	Village of Westfield	Tim Bush		y		
Transmission Owners	Central Hudson Gas & Electric	Thomas Canino		y		1.00
Transmission Owners	Consolidated Edison	Neil Butterklee		y		
Transmission Owners	National Grid	Bart Franey		y		
Transmission Owners	NY State Electric Gas (NYSEG)	Ray Kinney		y		
Transmission Owners	Orange & Rockland, Inc.		y			
Transmission Owners	Rochester Gas & Electric	Ray Kinney	y	y		
Non-voting	Boundless Energy, L.L.C		y			
Non-voting	Caitness Energy, L.L.C		y			

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

**Business Issues Committee - August 25, 2005 - Albany, NY - Parties Checked in Attendance**

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
NYS Energy Research & Develop. Auth. The City of New York	End Use - Gov. Agency/Aggr. End Use - Gov. Agency/Aggr.	✓ David Coup Michael Delaney	Paul DeCotis Gil Quiniones	Chris Hall Thomas Simpson	Erin Hogan Jonathan Wallach	John Spath Tim Daniels		✓ Tariq Niazi	
Alcoa/Reynolds Metals Company	End Use - Large Consumer	Robert Loughney	Michael Mager	✓ Morgan Parke					
Helmsley-Spear Inc.	End Use - Large Consumer	David Bomke	George Diamantopoulos	Edward Strauss	Herb Rose				
IBM Corporation	End Use - Large Consumer	Robert Loughney	Michael Mager	✓ Morgan Parke					
Occidental Chemical Corp.	End Use - Large Consumer	Robert Loughney	Michael Mager	✓ Morgan Parke					
Praxair Inc.	End Use - Large Consumer	Robert Loughney	Michael Mager	✓ Morgan Parke					
Xerox Corporation	End Use - Large Consumer	Robert Loughney	Michael Mager	✓ Morgan Parke					
Metropolitan Transportation Authority	End Use - Large Cons. Gov.	Jesse Samberg	Gary Caplan	Walter McCarroll					
American Sugar Refining, Inc.	End Use - Small Consumer	John Gebhard	Quintin George	Catherine Luthin	John Dowling	Jennifer Kearney			
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				
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 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			
NY State Consumer Protection Board	End Use - State Agency	✓ Tariq Niazi	Doug Elfner						
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	Joseph Swift	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	✓ Jeffrey Ellis	Peter Brown	Rich Mooney				
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	Rich Hohlman	Joe Vignola	Jim Brennan	✓ Jim D'Andrea	Madison Milhous	Edwin Kichline		
Mirant New York, Inc.	Generation Owners	Vicki Lynch	✓ James Mayhew	✓ Doreen Saia					
Orion Power New York	Generation Owners	✓ Liam Baker	Bill Berg						
Selkirk Cogen Partners, L.P.	Generation Owners	Tim Biittig	Steve Kamppila						
Sithe Energies, Inc.	Generation Owners	Scott Silverstein	Joe Klimaszewski	Jim Verna					
TransCanada Power Marketing	Generation Owners	William Taylor	Elaine Beaudry						
Advantage Energy, Inc.	Other Suppliers	Kyle Storie							
Amerada Hess Corporation	Other Suppliers	Kevin LaGuardia	Blas Hernandez	George Braulke					
Brascan Energy Marketing Inc.	Other Suppliers	✓ Robert Ricketts	Daniel Whyte						
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	Sara O'Neill	Susan Chamberlin				
Constellation Power Source	Other Suppliers	✓ Glen McCartney	Mary Lynch	Daniel Allegretti					
Coral Power, LLC	Other Suppliers	✓ Matt Picardi	Dave French						
DC Energy	Other Suppliers	✓ Bruce Bleiweis	Andrew Stevens	Matthew Tate					
Dominion Energy Marketing, Inc.	Other Suppliers	Wes Walker	Lou Oberski	Michael Bekker					
Duke Energy North America, LLC	Other Suppliers	Stacy Dimou	Del Disher						
Dynegy	Other Suppliers	✓ Barry Huddleston	Jason Cox	Kevin White					
ECONenergy	Other Suppliers	Saul Horowitz	Tom Halleran						
Epic Merchant Energy	Other Suppliers	Robert Erbrick	✓ Erik Abend	Wade Sullivan					
Exelon Generation - Power Team	Other Suppliers	Scott Silverstein	Joe Klimaszewski	Jim Verna					
Fortistar/Lockport Energy Associates, L.P.	Other Suppliers	Roger Kelley	Tom Gesicki	✓ Mark Younger	✓ Glenn Haake				
FPL Energy	Other Suppliers	✓ David Applebaum	Fernando DaSilva	Ron Scheirer					
Galt Power	Other Suppliers	✓ Rick Mancini	Stephen Fernands						
HQ Energy Services	Other Suppliers	✓ Michel Prevost	✓ Paul Norris	Erik Bellavance					
KeySpan Energy Services	Other Suppliers	Terrence Kain	✓ Jim 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	Scott McArthur	Dave Barr	Ken Lacivita	Erica Cheung	Scott McArthur	✓ Glenn Haake		

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

**Business Issues Committee - August 25, 2005 - Albany, NY - Parties Checked in Attendance**

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
PPM Energy	Other Suppliers	Donald Winslow	Murray O'Neil						
PP&L Energy Plus	Other Suppliers	✓ Joseph Langan	Tom Hyzinski	Roland Moor	David Yannarell	Sharon Weber			
PSEG Energy Resources & Trade	Other Suppliers	Howard Fromer	Michael LaFalce	Bob Logan	Dennis Sobieski				
Reliant Energy Services, Inc.	Other Suppliers	✓ Liam Baker	Mark Sudbey	John Orr					
Sempra Energy Trading	Other Suppliers	Dan Staines	Maria Agovino	Scott Englander	Barry Trayers				
SESCO Enterprises, LLC	Other Suppliers	Mike Schubiger	Jim Thoresen						
Strategic Energy LLC	Other Suppliers	Francis Pullaro	Michael Swider	Jeffrey Knox	Brian Vayda				
Strategic Power Management, Inc.	Other Suppliers	Mario DiValentino	Tom Folchi						
TransÉnergie U.S. Ltd.	Other Suppliers	Michael Jacobs	Raymond Cox						
Williams Power Company	Other Suppliers	David Singer	Mark Lassman	Robert O'Connell					
Long Island Power Authority	Public Power - Authorities	✓ Kevin Jones	✓ Dave Clarke						
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	Mike Jacobs				
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	Jack Brown			
City of Jamestown Board of Pub. Util.	Public Power - Munis & Co-ops	✓ David Gustafson	Wally Haase	✓ Tom Rudebusch					
Lake Placid Village	Public Power - Munis & Co-ops	Peter Kroha	✓ Tim Bush						
Municipal Commission of Boonville	Public Power - Munis & Co-ops	Kenneth Stabb	✓ Tim Bush						
Plattsburgh Municipal Lighting Dept.	Public Power - Munis & Co-ops	Jack Brown	✓ Tim Bush	Ken Moore					
Village of Arcade	Public Power - Munis & Co-ops	Larry Kilburn	✓ Tim Bush						
Village of Fairport	Public Power - Munis & Co-ops	Ken Moore	✓ Tim Bush	Paul Pallas					
Village of Freeport	Public Power - Munis & Co-ops	Anthony Fiore	Ted Kimlingen	✓ Tom Rudebusch					
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 Solway	Public Power - Munis & Co-ops	Anthony Modafferi	✓ Tim Bush						
Village of Westfield	Public Power - Munis & Co-ops	Jim Hamilton	✓ Tim Bush	Ken Moore	Matthew Benesh	Jack Brown			
Central Hudson Gas & Electric	Transmission Owners	James Valteau	✓ Thomas Canino	Jeff May	Rick Greener				
Consolidated Edison	Transmission Owners	Stuart Nachmias	Gerry Dunbar	✓ Neil Butterklee					✓ Mayer Sasson
National Grid	Transmission Owners	✓ Bart Franey	Wesley Yeomans	Jerry Ancona	Janet Gail Besser	Terron Hill			
NY State Electric Gas (NYSEG)	Transmission Owners	✓ Ray Kinney	✓ Patti Caletka	Steve Jeremko	Hank Masti				
Orange & Rockland, Inc.	Transmission Owners	None Assigned							
Rochester Gas & Electric	Transmission Owners	✓ Ray Kinney	✓ Patti Caletka	Steve Jeremko	Hank Masti				
Boundless Energy, L.L.C	Non-voting	Brian Chernack	Chuck Gilbert	Mark Mainetti					
Caithness Energy, L.L.C	Non-voting	Ross Ain	Jack Feinstein						
Cianbro	Non-voting	Ed Krapels	Brian Chernack	Paul Flemming					
Customized Energy Solutions	Non-voting	✓ Rick Mancini	Stephen Fernands	Bill Schofield					
Ecogen, L.L.C	Non-voting	Tom Hagner							
Energetix, Inc.	Non-voting	Barney Farnsworth	Gerald Strassner						
Fluent Energy	Non-voting	Michael Mastroianni	David Koplas	Margie Miller					
Hudson River Energy Group	Non-voting	Frank Radigan	Richard Canfield						
Hydro-Quebec TransEnergie	Non-voting	Glenn Sylvain	Mario Boucher						
NYS Department of Public Service	Non-voting	✓ Bill Heinrich	✓ David Drexler						
Stealth Energy	Non-voting	Gad Cohen							
The Structure Group	Non-voting	Bob Furry							
Tom Halleran	Non-voting	Tom Halleran							
William P. Short	Non-voting	William Short	Marc Schaefer	Joe DeVito	John Brodbeck	Ron Matlock	Paul Savage	Roberto Denis	
zNew Member	Non-voting								
zNew Member	Non-voting								
zNew Member	Non-voting								
zNew Member	Non-voting								
zNew Member	Non-voting								
zNew Member	Non-voting								
zNew Member	Non-voting								
zNew Member	Non-voting								
zNew Member	Non-voting	None Assigned							

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

New York Independent System Operator - Committee Membership

Business Issues Committee - August 25, 2005 - Albany, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
Ira Freilicher	Hunton & Williams								
Kevin Jones	Hunton & Williams								
✓ Gina Fedele	Hunton & Williams								
✓ Bob deMello	NYISO								
✓ Alex Schnell	NYISO								
✓ Chuck King	NYISO								
✓ Carl Patka	NYISO								
✓ Ernie Cardone	NYISO								
✓ Jacquie Ponds	NYISO								
✓ Kristen Kranz	NYISO								
✓ Leigh Bullock	NYISO								
✓ Ray Stalter	NYISO								
✓ Bill Porter	NYISO								
✓ Kathy Whitaker	NYISO								
✓ John Buechler	NYISO								
✓ Bob Waldele	NYISO								
✓ Pete Lemme	NYISO								
✓ John Charlton	NYISO								
John Cutting	NYISO								
Jane Lathrop	NYISO								
	NYISO								
	NYISO								
	NYISO								
Andy Hartshorn	NYISO/LECG								

**Key:**

✓ = In attendance