

**NYISO Business Issues Committee Meeting Minutes**  
Wednesday, July 27, 2005

NYS Nurses Association  
11 Cornell Road  
Latham, NY 12110

**1. Welcome & Meeting Objectives**

Mr. Jim Scheiderich of 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 10, 2005**

NYISO staff had distributed the final draft minutes from the June 10, 2005 meeting, which included Market Participant comments, to BIC members before the meeting. Consideration of the Minutes of the June 29<sup>th</sup> meeting were rescheduled to allow for additional time to review comments.

Motion 1:

Motion to approve the minutes from the June 10<sup>th</sup> meeting of the BIC.

(Motion passed by show of hands with no opposition and one abstention)

**3. Chair's Report**

Mr. Scheiderich noted that the Committee is soliciting nominations for Vice-Chair. Mr. Scheiderich also noted that participation in the UCAP automation trials has not been as high as has been hoped, especially given the need to know the details of the program.

**4. Market Operations Report**

Mr. Charles King, NYISO Vice President of Market Services, noted that the NYISO reached a new all-time peak on July 26th. Both fuel and power prices were commensurately high in June. The volume of exports to PJM was also quite high.

Mr. King then described other market performance highlights for June 2005, such as average costs, uplift (higher due to thunderstorm alerts), volatility in RT prices, and virtual trading volumes.

Mr. William Heinrich of the Public Service Commission, referring to the upcoming deployment of 10-minute resource enhancements to SMD, asked why NYISO software releases are not done on Saturdays. Mr. King responded that weekend staffing is an issue for both MPs and NYISO. Ms. Doreen Saia, representing Mirant, asked how likely the expected August 2<sup>nd</sup> deployment is, given the weather. Mr. King said that, though the intent is to release this on August 2, the decision is made on a day-to-day basis, depending on system operations. Ms Saia asked to have more than a 2-day notice. Mr. Younger said it would be useful to have a notice on July 31 whatever the decision would be (go or no go).

Mr. Mark Younger of Slater Consulting asked about the increase in SREs upstate; has the ISO reviewed this to make sure everything that could cause this is being captured by the market, and does that imply the software needs further enhancement. Mr. King responded that this will be considered in the David Patton NYISO summer assessment study. There was further discussion on the presentation bar charts. Mr. Younger noted the lack of convergence of RTC and DAM. Mr. King noted that Market Monitoring is reviewing this data.

**5. Northeast Seams Report**

Mr. King noted that the quarterly Seams Report has been updated and posted on the ISONE/NYISO websites. ISO-NE will have another report in September, while NYISO will be finishing its report in August. In response to a question by Mr. Scheiderich, Mr. King said the NYISO would look into the status of PJM's Reliability Pricing Model (RPM) proposal.

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The cross-border controllable line scheduling work moves forward. Also, E-Tagging and Facilitated Transaction Checkout (FTC) were deployed successfully. Ms. Saia asked about the status of the LECG study of proxy bus issues, and in response, Mr. Stalter of the NYISO offered to report back during this meeting. He later told the committee members that the report would be completed in late August or early September.

Mr. Jim Savitt of the NYISO took the podium to respond to questions submitted prior to the meeting from Mark Younger regarding DAM mitigation re July 22 in NYC, HB 21.

**Q: Please provide a more complete description of the form of automated mitigation that was implemented (i.e. incremental energy bid, or Bid Production Cost Guarantee based mitigation).**

A: The mitigation that took place in HB21 resulted from an LBMP impact of a unit's schedule being extended into HB21. One or more of the unit's three offer components failed conduct, and the resulting recommitment with reference levels in the AMP pass showed a material LBMP impact.

**Q: The notice provided by the NYISO appears to indicate that the mitigation was implemented to address conditions when the bid (bids) were from generators that were operating in an unconstrained region (i.e. when their location in NYC was not constrained from the remainder of the NYISO market). Please explain why automatic mitigation of generators when they are operating in an unconstrained market is permitted to continue given the FERC order on the AMP.**

A: Automatic mitigation is still permitted for generators located within New York City. The ordering paragraph of the Commission's June 16, 2005 Order on Remand in Docket No. ER01-3155, et al. instructed the NYISO to "make a compliance filing to remove from its tariff provisions for the application of AMP outside New York City..." The NYISO has made a responsive filing implementing the Commission's instruction. Since the generators that were mitigated are located in New York City, the NYISO is permitted to apply the AMP to these generators and has appropriately done so in full compliance with its Tariffs.

**Q: Please provide the zonal (and external proxy bus) LBMP's that were calculated in the pass of SCUC that armed the AMP (i.e. caused the AMP to run its test for impact using mitigated bids). Since it appears that the mitigation was applied to a unit that is either on the 345 kV section of NYC or in a pocket that was unconstrained, it would be useful for the NYISO to provide representative LBMPs for NYC as well.**

A: The final LBMPs for 22 July 2005 are posted on the web. They exceed \$150 for HB12-17, and Mr. Savitt verified that NYC AMP armed in each of those hours but no generator was found to have impact in these hours. Additionally, NYC AMP armed in HB 11 and HB21. The pre-AMP NYC zonal LBMP in HB 21 was \$300.00, and the final zonal LBMP for NYC in HB21 was \$112.71. Since the zonal impact of \$187.29 exceeded the NYCA \$100 threshold, any conduct-failing unit(s) on the 345 kV portion of the NYC grid had their original offers replaced with reference levels.

In response to Mr. Savitt's answer, Mr. Younger asked if the final LBMP reflected constraints into some of the subpockets. Mr. Savitt responded that the AMP testing at the statewide testing threshold looked for a zonal LBMP impact. The extension of a generator's schedule into HB21 in the AMP pass resulted in a fairly extensive unit recommitment, causing the LBMP to drop from \$300 to about \$112 in Zone J.

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**Q: Please explain how the NYISO unconstrained AMP test for NYC is separated from the NYISO constrained region AMP test for NYC.**

A: The less restrictive LBMP conduct and impact tests that apply when New York City is not constrained are set forth in sections 3.1.2(a)(1) (conduct) and 3.2.1(1) (impact) of Attachment H. The more restrictive LBMP conduct and impact tests that apply when New York City is experiencing transmission constraints are set forth in sections 3.1.2(b)(1) (conduct) and 3.2.1(3) (impact) of Attachment H.

As implemented, for the NYC DAM-AMP, SCUC receives from MIS multiple sets of offer curves in which reference levels replace conduct-failing offers; each offer has been tested for conduct against all thresholds in which the unit resides, including testing against all appropriate LPTs and the NYCA thresholds. SCUC recognizes the tightest active pocket in which the unit resides for the hour in question, and uses for the impact test the impact threshold associated with that pocket. For the hour and day in question some pocket thresholds applied, but the NYCA thresholds applied to the 345 kV portion of the NYC system.

After further discussion, it was agreed to review this issue further at a future S&PWG.

Mr. Rick Gonzales of the NYISO provided an update on Market Operations and SMD2 and how the SMD2 software has performed during the recent hot weather. Operations has found that the SMD2 software has worked well during the recent hot weather.

During a recent hot day, Monday, July 18, the systems worked well, with sufficient operating reserves etc., excepting both counter-intuitive prices and flows between NY and PJM. This was due to a TLR event called by Ontario (IESO), which had a large impact on cross-border flows, including NY-PJM transactions. Price divergence took place due to the TLR, which is to be expected, as historically TLRs are not "market-friendly".

On Tuesday, July 19 a new peak for the New York Control Area (NYCA) was set. EDRP and SCR resources were notified. The NYCA was importing on the 19<sup>th</sup>. There were no TLR events, but a large amount of flow was seen to PJM from NY. Prices within NYC and eastern NY were higher as there was a thunderstorm watch that day.

Monday 7/25 loads were high as well, with a TLR called by IESO. Transactions were affected from HB 10 through the rest of the day. On Tuesday, 7/26 EDRP and SCR resources were activated, when another new peak was set. Op reserves were sufficient. There were no TLR events.

Mr. Mike Mager, of Multiple Intervenors, asked about how EDRP and SCR resources are released. Rick Gonzales indicated that they could not be released until late at night, in case a contingency was lost, etc. In response to a request, Rick and John Charlton of the NYISO agreed to look in to broader market notification, possibly via email, of EDRP and SCR activations and notices. A discussion ensued about TLRs and how transactions are pro-rated, and which Control Area is responsible for cutting the transactions

## **6. Working Group Updates**

### **A. Billing and Accounting**

Mr. Kevin Kipers of the New York Power Authority noted the 80/20 split is scheduled to be automated in September. Final Bill Close-Outs are on schedule. The May 2000 price corrections were included on the 7/8 invoice, and were reflected wherever they would have impacted the Market Participants.

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Other highlights on the presentation were noted. The BAWG is looking at improving the billing processes, and is planning a conference call on this subject.

**B. ESPWG**

Mr. Bill Lamana of the NYISO noted some results of the reliability planning (CRRP) process implementation, such as including MW and MVAR shortages in the Hudson Valley, and south. The NYISO and the Transmission Owners (TOs) are reviewing that data. Other bullets from the report were presented, such as cost allocation/recovery, the PSC Dispute Resolution Process procedures, and a “what-if” analysis under Implementation of Economic Planning.

**C. IITF meeting**

Mr. Glen Haake of IPPNY talked about aspects of Phase 2 of the voltage support deliverability study, including facilities, contingencies, and the ability, if any, of PAR switching to help with deliverability issues.

**D. ICAP Working Group**

Mr. Haake discussed various issues addressed by this working group, such as manual revisions and the lessons learned with respect to the ICAP demand curve. Also, how to improve the curve reset process. Comments are due by Aug 8 to the NYISO for a related FERC filing. Mr. Scheiderich noted that the ICAP-related motion for later in this meeting should be amended to include curve issues in the manual. In response to a question about the purchase and sale agreements, i.e., who at the NYISO will be sending those out, Mr. Art Desell of the NYISO responded that they will be posted, and are to be sent back to the Manager of Ancillary Markets, Kathy Whitaker by September 1.

**E. Market Structures Working Group**

Mr. Liam Baker of Reliant noted that there is a call scheduled for tomorrow on the TCC Manual review.

**F. Price Responsive Load Working Group**

Mr. Stalter discussed the priorities of the short-term and long-term pieces of the Market Evolution Plan, especially with regard to demand-response (DR) programs.

**G. Scheduling & Pricing Working Group**

Mr. Stalter said this group reviewed the FERC order on virtual credit changes. There were no major Market Participant comments on that. A two-week extension of the FERC filing in response was asked for. Ms. Deirdre Facendola of Con Ed asked about the 2-day requirement; in addition, Ms. Facendola expressed concern with the NYISO’s ability to monitor MPs credit status in light of the data lag. Mr. Scheiderich opined that there should be a conference call to discuss the FERC compliance filing.

LUNCH

**7. ICAP Automation Update**

Mr. Art Desell of the NYISO provided an update on the ICAP Automation trials. Generally it was thought the trials went well, though there were some questions about the results, but this was due to relatively low participation results (about 50%).

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Mr. Desell asked that Market Participants participate in the market trials to help find errors and to learn the new system. He noted that the new system becomes effective with the winter capability period. The next trial is July 28.

**8. Motion: Proposed ICAP Manual Revisions**

Mr. Desell reviewed the status of the ICAP Manual, including some recent revisions as provided by Market Participants. Clarifying language from the ICAPWG was added for bilateral transactions, customer switching, and verifying DMNC tests, among other aspects. A discussion followed regarding the bilateral data reporting obligations of LSEs vs the Metering Authorities, suppliers, et al. More detail was asked for in the manual on ICAP certification, etc. Mr. Desell offered to look at putting the detail sought in a Technical Bulletin, or some other NYISO publication, in addition to the ICAP manual at some later point.

Mr. Desell noted that language was removed regarding the DMNC test data describing situations when the NYISO, subsequent to data verification, finds the DMNC value for a unit incorrect. New language regarding this issue will be inserted.

Also, Mr. Desell listed revisions describing UCAP certification requirements associated with the sale of generators, treatment of unconfirmed bilateral transactions, ICAP import rights documentation, and associated timelines; the latter discussed in some detail. Finally, Section 15 was revised to handle UCAP purchased from ICAP Suppliers located in external Control Areas.

A (revised) motion (#2, Agenda #07)) was presented for approving revisions to the NYISO ICAP manual: Passed, with from Multiple Intervenors and Epic Merchant Energy.

Mr. Ray Kinney of NYSEG asked that the NYISO verification processes not leave items open for as long as 1 to 2 years as it causes great financial uncertainty and risk.

**9. Motion: Under-generation Penalties for Period August 2001 to May 2002.**

Mr. John Hickey of the NYISO presented the NYISO's changes with regard to the overstatement of under-generation penalties for the period above. This issue was first presented to the SPWG on July 7, 2004. Among other findings, there was no statistical pattern to be found. Therefore, among the possible corrective alternatives for the time period where data is lacking (Aug 2001 to May 2002), it was decided that the NYISO will enter the reduction as a credit to suppliers ("Option 3") on a percentage basis using the monthly invoice-level manual adjustment process when the final invoice for the subject months is posted.

Ms. Mollie Lampi of the NYISO discussed the history of Market Participant voting on NYISO waiver (non-conformance to the NYISO Tariff requirements) requests filed with FERC. The history has been that waivers have been both voted on and not voted on by MPs in committee. This motion has been patterned after a 2004 motion at the BIC for a waiver request related to calculating load-ratio shares monthly rather than daily or hourly. Ms. Lampi expressed regret to the committee members on behalf of the NYISO that the data for August 2001 to May 2002 could not be produced; the hope is to get FERC to agree (on a MP consensus-support basis) to this rough-justice approach instead of imposing more extreme options such as letting the errors stand as they are.

Ms. Lampi stated that the rough justice approach used in this instance is not setting precedent in that the NYISO will always use the data when available. Ms. Lampi went on to say that the NYISO will not use an estimation approach as long as the data is available. Furthermore, if there are future issues of this nature, we will confer with market participants.

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Motion in support of alternative calculation of undergeneration penalties for the period of August 2001 to May 2002.

Motion carries with opposition noted from Keyspan Ravenswood, City of NY, and Con Edison. Abstentions were noted from NYSEG, Multiple Intervenors, Tariq Niazi, National Grid, Tim Bush, Rick Mancini and Epic Merchant Energy (please refer to the attached roster for individual representative details)

### **10. Motion: Proposed Revenue Metering Requirements Manual.**

Mr. Bill DeVries of the NYISO discussed the history of the RMR manual. The Draft RMR Manual was sent to BAWG in March 2005. The current draft incorporates recent BAWG comments. Going forward, the NYISO will continue to visit Metering Authorities (MA) during the 3<sup>rd</sup> Quarter of 2005, to learn about MA process, issues, and capabilities, with the intent of constantly improving the manual. A pilot MA visitation program will be started in 2006.

Motion: to approve the RMR Manual, with additional NY PSC comments. An amendment was proposed by Mr. Scheiderich.

A discussion ensued regarding what is reasonable for metering standards, and the responsibility of the parties involved. Concerns were expressed about requirements in the Manual to improve the metering, and spending a great deal of money. There was discussion about how to vote on the Manual with respect to the motions offered, and the concerns offered.

Motion to table above motion: Failed with support from National Grid and Tim Bush (see roster below for representative details), with abstentions.

Main Motion: Passed with opposition noted from National Grid, and a number of abstentions

### **11. Fall 2005 TCC Auctions Update**

Mr. Greg Williams of the NYISO discussed the Autumn 2005 Initial TCC Auction Plan, with 2 Stage 1 rounds, and then 1 Stage 2 (reconfiguration) round (for 25% of the system capability) for 1 year TCCs.

60% of the system capability will be offered as Six Month TCCs. Also discussed were the Monthly Reconfiguration Auctions, as well as the timeline associated with the Autumn TCC Auctions.

### **12. Sales tax discussion.**

Mr. Rob Fernandez of the NYISO discussed the issue of the NYISO collecting sales tax. Certificate document types (to be provided by the MP) were listed that relieve the NYISO from responsibility for sales tax administration.

The point was made that the NYISO is liable for collecting this tax absent the above certification. Discussions with the NY Tax department centered around the requirements of the MPs with regard to the sales tax issue from the state's perspective. Note board review Rob discussed.

Certificates to be on file were discussed by Michael Whiteman for the NYISO, for different types of business entities. Criteria for each of the certificates were listed. If the MP loses their certificate status, the MP is under default, and is obligated to report that change in status to the NYISO immediately. When the NYISO receives that change, it is obligated to notify the Tax Department of the change in status. Mr. Whiteman continued with the change in status procedure, including the 10-day grace period.

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Mr. Magar asked if the NYISO will be working with MPs to help them obtain certificates. In response to a question on the telephone, Michael responded that a generator-only MP would indeed have to provide a certificate, as they may have to balance in Real-Time (buy-back energy).

**13. New Business**

Michele Prevost of HydroQuebec asked to make the Daily Report on the NYISO website downloadable, and Mr. Stalter responded that this was a project underway.

**14. Adjournment**

Meeting was adjourned at 3:17 PM.

Respectfully Submitted,  
William Porter  
Recording BIC Secretary

## **Business Issues Committee Meeting**

July 27, 2005  
NYSNA – Latham, NY

### **SUMMARY OF MOTIONS**

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

Motion to approve the minutes of the June 10, 2005 meeting.

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

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

The Business Issues Committee (BIC) hereby approves revisions to the NYISO Installed Capacity Manual, as presented to the Committee at the July 27, 2005 meeting, with the understanding that DMNC verification as described in Section 4.2 to be performed by NYISO's Market Monitoring Unit will not begin until 90 days after implementation of the ICAP Market Automation system. The changes relative to ICAP Market Automation project will be effective with the implementation of the project.

***(Motion passed unanimously by a show of hands with the following abstentions noted:***

***Multiple Intervenors, Epic Energy, Keyspan Ravenswood)***

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

Motion in Support of Alternative Calculation of Under-Generation Penalties for the Period of August 2001 – May 2002

Whereas, The Tariff modification in July 2001 changing the calculation and application of under and over generation settlements was incompletely implemented, and under-generation penalties from August, 2001 to May, 2004 were overstated; and

Whereas, under-generation penalties for August 2001 to May 2002 could not be corrected as NYISO did not archive necessary data prior to May 2002;

Now, Wherefore, it is moved that the Business Issues Committee supports NYISO's request to the Federal Energy Regulatory Commission for a waiver of tariff provisions addressing the calculation of under-generation penalties, and for acceptance of an alternative methodology outlined in "Option 3" of the presentation to the Committee at the July 27, 2005 meeting, for recalculating under-generation penalties for the subject months for each billing organization.

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

#### **Motion #4:**

The Business Issues Committee (BIC) hereby approves the Revenue Metering Requirements Manual, as presented to the Committee at the July 27, 2005 meeting and modified to comply with the Public Service Commission's comments and with the following changes:

1. In Section 1.1



Strike the words "...shall be acceptable for use until upgrade in accordance with the NYISO-TO Agreement and the NYISO Tariff or the TO Tariffs" and insert:

As provided in the NYISO-TO Agreement, "The Transmission Owner shall cooperate with the NYISO in implementing reasonable metering enhancements and new metering installations that the NYISO may deem necessary, provided that mechanisms, satisfactory to each Transmission Owner, are in place for their recovery of all associated costs."

2. It is further moved that the Billing and Accounting WG along with the Meter TF and NYISO staff, work to develop a transition plan for bringing the Revenue Metering into to compliance with the standards incorporated in the RMR Manual, in accordance with, and consistent with, the NYISO-TO Agreement. A draft plan should be presented to BIC for its consideration within six months.

3. Nothing in this revised motion anticipates a particular schedule of metering changes.

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

**Motion 4a**

Motion to table approval of the Revenue Metering Requirements Manual, as presented to the Committee at the July 27, 2005 meeting.

***(Motion failed by a majority show of hands)***

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

**Business Issues Committee - Attendance July 27, 2005 - 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	Thomas Simpson	Jonathan Wallach	Tim Daniels		✓ Deidre Facendola	
Alcoa/Reynolds Metals Company	End Use - Large Consumer	Robert Loughney	✓ Michael Mager	Morgan Parke					
Helmstley-Spear Inc.	End Use - Large Consumer	David Bomke	George Diamantopoulos	Edward Strauss	Herb Rose			✓ Mayer Sasson	
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					✓ Philip Smith
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					✓ Joe Lewis
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					
ECONergy	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	Benoit Goyette					
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		
PPM Energy	Other Suppliers	Donald Winslow	Murray O'Neil						✓ Theresa Allen

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

**Business Issues Committee - Attendance July 27, 2005 - Albany, NY - Parties Checked in Attendance**

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
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	José Rotger						
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				✓ S Brown, D Wheeler
American Wind Energy Association	Public Power - Environmental	Valerie Strauss	Larry DeWitt	Douglas Ward	Mike Jacobs				
Environmental Advocates	Public Power - Environmental	Anne Reynolds	Larry DeWitt						
Natl 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	Ken Moore	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					✓ Karl Ibsen
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 Valleau	Thomas Canino	Jeff May	Rick Greener				
Consolidated Edison	Transmission Owners	Stuart Nachmias	Gerry Dunbar	Neil Butterklee					
National Grid	Transmission Owners	Bart Franey	Wesley Yeomans	Jerry Ancona	Janet Gail Besser	Terron Hill		✓ Deidre Facendola	
NY State Electric Gas (NYSEG)	Transmission Owners	✓ Ray Kinney	✓ Patti Caletka	Steve Jeremko	Hank Masti			✓ Ray Kinney	✓ Jim Donnelly
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 Chernak	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								
zNew Member	Non-voting	None Assigned							

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

Ira Freilicher  
Kevin Jones

Hunton & Williams  
Hunton & Williams

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

**Business Issues Committee - Attendance July 27, 2005 - Albany, NY - Parties Checked in Attendance**

<b>Organization</b>	<b>Sector</b>	<b>Representative</b>	<b>Alternate1</b>	<b>Alternate2</b>	<b>Alternate3</b>	<b>Alternate4</b>	<b>Alternate5</b>	<b>Proxy</b>	<b>Guest</b>
James Schmidt	Hunton & Williams								
✓ Gerald Deaver	NYISO								
✓ Elaine Robinson	NYISO								
✓ Chuck King	NYISO								
✓ William Porter	NYISO								
✓ Alex Schnell	NYISO								
✓ Elaine Robinson	NYISO								
✓ Kathy Whitakre	NYISO								
✓ Leigh Bullock	NYISO								
✓ Ray Stalter	NYISO								
✓ Jacquie Ponds	NYISO								
✓ Jim Savitt	NYISO								
✓ John Charlton	NYISO								
✓ Brad Kranz	NYISO								
✓ Rick Gonzales	NYISO								
✓ Bob Boyle	NYISO								
✓ John Hickey	NYISO								
✓ Maria Sturgess	NYISO								
Ernie Cardone	NYISO								
	NYISO								
✓ William Lamanna	NYISO								
Andy Hartshorn	NYISO/LECG								

**Key:**

✓ = In attendance