

NYISO Business Issues Committee Meeting Minutes – DRAFT

January 4, 2006

NYS Nurses Association
11 Cornell Road
Latham, NY 12110

1. Welcome & Meeting Objectives

Mr. Ray Kinney, (NYSEG) Chair of the Business Issues Committee (BIC), called the meeting to order at 10:15 AM and welcomed the members of BIC. Attendees introduced themselves and named the organizations they represent.

2. Chair's Report

Mr. Kinney noted that the 2006 scheduled meetings for the BIC and its working groups have been posted on the NYISO website.

3. Market Operations Report

Mr. John Buechler of the NYISO presented preliminary data for December 2005; LBMP, average costs, and fuel were up relative to November. Uplift had decreased in December relative to November 2005, primarily due to lower Residual Balancing costs. In response to a question from Ms. Doreen Saia of Mirant about uplift reported for October, Dr. Nicole Bouchez of NYISO reported that the November numbers were higher due to a number of factors, leading to the conclusion that the cause was system conditions, and not any one factor. Mr. Tim Bush of Navigant asked why more analysis has not been done on monthly uplift amounts, despite regular questions from MPs over recent meetings; Mr. Buechler responded that he expected that David Patton will have uplift information in his report due out shortly.

Mr. James Scheiderich of Select Energy noted that there was a large spread between DAM and RT during the recent holidays, Ms. Nicole Bouchez of NYISO noted that in past years MP behavior has been different during the holiday periods, possibly due to staffing changes.

4. Regional Market Enhancements-Northeast Seams Report

Mr. Buechler started with Intra-Hour Transaction Scheduling (ITS); he noted that NYISO stakeholders met with ISONE stakeholders in November to discuss the pilot test report. The NYISO will proceed with further stakeholder meetings to finalize the technical definitions. With regard to Regional Resource Adequacy (RAM), PJM filed its Reliability Pricing Model (RPM) with FERC in August, 2005, and the NYISO filed comments on this proposal in October. FERC noticed a technical conference on RPM to be held on February 3, 2006 in Washington.

Moving on to Cross-Border Controllable Line Scheduling (CCLS), specifically the 1385 line, further discussions were held with ISONE in late December; and ISONE is still working with its stakeholders on scheduling practices. Mr. Kevin Jones of LIPA expressed concern with regard to the implementation time-table, and added that he felt that there is no reason that the June 2006 implementation date could not be met.

As for the MS-7040 Transfer Study, the NYISO has been working on this for some weeks, and is targeting the first quarter of 2006 to determine the feasibility of implementing this process, using the controllable-line generic software.

Modeling of Netted Transactions at the NYISO-HQ Interface: at the S&P meeting scheduled for January 20, the NYISO will be presenting an update on the process.

5. Working Group Updates

A. Billing and Accounting (BAWG)

Mr. Dave Hall of NYSEG noted that there was no update to report from the last BIC meeting.

B. Electric System Planning Working Group (ESPWG)

Mr. Tariq Niazi of the NYS CPB, stated that most of the time spent at the last meeting of the ESPWG was used to discuss cost allocation issues, as well as the timeline for future meetings.

C. ICAP Working Group

Mr. Glenn Haake of IPPNY noted there is work being done on the ICAP Manual, and he also provided some updates on the IRM.

D. Interconnection Issues Task Force

Mr. Ray Stalter of the NYISO noted that there was a brief teleconference held since the last BIC. NYISO staff has developed a comparison table for generator assumptions, though there is still associated work to be done on the deliverability analysis.

E. Market Structures Working Group

Mr. Liam Baker, representing Reliant, noted that a special meeting was held with a representative from FERC on voltage support services, with the primary purpose being to discuss the issues from the perspective of different parties.

F. Scheduling and Pricing Working Group (S&PWG)

No update was provided.

G. Price Responsive Load Working Group (PRLWG)

Mr. Rick Mancini of Galt Power noted that there had been no meeting since the last BIC.

6. Spring 2006 Transmission Congestion Contract Auction Plan

Ms. Kathy Whitaker of the NYISO reviewed the auction plans for the spring 2006 rounds of the TCC auctions. She covered the system capability percentages that have been and will be offered for different length TCCs. She also discussed the number of rounds for the auctions.

Mr. Scheiderich asked about the state of progress on the contract language issues; Ms.

Whitaker responded that a status report could be provided in January.

Mr. Fromer expressed concern with the bid confirmation process. Ms. Whitaker responded that, due to timing and staff constraints, the current process would continue for the immediate future. Improvements to the process are being reviewed.

Further discussion was held on this issue, including shifting the auction schedules to different days of the week. Ms. Whitaker said the NYISO is open to suggestions, but noted that the complexity and time constraints of the current process would make schedule changes difficult. Ms. Whitaker offered to put this issue on the agenda for the next Market Structures Working Group.

Ms. Doreen Saia of Mirant asked that at the next MSWG the NYISO be prepared to discuss the Purchase and Sale Agreements as contained in the TCC Manual, as well as the bid confirmation issues just discussed. Mr. Fromer asked about the system capability percentages and how they were picked. Ms. Whitaker noted that there is no specific methodology, but rather was arrived at using engineering judgment and considering input from Market Participants on TCC durations.

7. Price Error Elimination Team Report

Mr. Rich Dewey of the NYISO discussed the history of this team; it was formed in the summer of 2005 to investigate, document, and eliminate causes of pricing errors. This was expected to be done via software enhancements, process improvements, and rule-based solutions. The Team's Action Plan includes analysis and categorization of price errors, allocation of software resources to correct price calculation issues, and initiation of Lean Six Sigma projects targeting internal processes. The team meets regularly to review causes of all recent price corrections. Each cause of an error is documented and potential solutions are identified. Solutions are reviewed and prioritized based on frequency, nature of the impact, and feasibility to drive a solution. Software development priorities are aligned to address price error elimination solutions quickly.

Mr. Dewey also noted that multiple software enhancements have been delivered that eliminate causes for price corrections, such as load forecasting software and modeling errors, Real-Time Dispatch (RTD) ramping logic, Desired Net Interchange (DNI) issues, Out-of-Merit (OOM) treatment of bid flags, etc. Active price error elimination efforts are pointed at continuing improvement to the "Load Forecaster", enhanced modeling to detect meter failures, and improved transmission constraint pricing. He also noted planned enhancements for the Decision Support System (DSS) to include more pricing and operational data (adding transparency), as well as enhanced price validation tools. Also planned are improved price reservation and correction rules, and potential 24x7 support.

In response to a question from Mr. Scheiderich, Mr. Dewey stated that in cases of transmission constraints, Real-Time Scheduling (RTS) has produced invalid solutions, and the plan is to correct those outputs. Other potential improvements include tools to supply consistent market data inputs during system down-times, and automated handling of Transmission Loading Relief (TLR) events. These advances are not being actively analyzed, but could be put in place at some point in the future.

~~Mr. Scheiderich added that when TLRs are declared, the rule is that interface cuts should be allocated among all transactions, not the same transactions across multiple hours.~~
Mr Scheiderich noted that when TLRs are declared, to his understanding of NERC and NYISO procedures, the rule is that tranfers reductions resulting in transaction cuts should be

allocated (protata) amongst all transactions not to just the same transactions across multiple hours as has been observed during prior TLRs.

Mr. Dewey continued with his presentation by describing Lean Six Sigma (LSS) support. A number of active LSS projects are targeted at improving pricing processes. They include reducing RTD input data errors, RTS price posting failures, the ratio of hours with price reservations, software errors in development, and incorrect RTS operator parameters. All active LSS projects have passed the first tollgate. Primary metrics and LSS project process will be reported as projects progress. Also, enhanced impact analysis and identification will be incorporated into software release planning, with early identification of those software changes that may represent pricing error risks.

As for scheduling considerations, Mr. Dewey noted that price error elimination activities are part of an on-going process, and some of the potential enhancements represent a complex estimating challenge. The NYISO is moving some price validation work from LECG to NYISO, which is to be done before other enhancements are made.

Ms. Saia expressed concern with pricing errors during high demand periods that might occur as a result of the above changes; Mr. Dewey responded that the NYISO was aware of this and will work to preclude those types of errors for taking place.

The preliminary 2006 timeline shows load forecaster improvements, DSS work, and enhanced modeling to detect meter failures being implemented in the first quarter, with continued enhancements throughout 2006. Improved transmission constraint pricing is not likely to be in place before summer due to the need for stakeholder and regulatory approval.

Mr. Paul Gioia, for the T.O.s, asked for more detail on the price error categorizations and more transparency with regard to the type of errors actually seen and the NYISO's remedy for those errors, among other things.

Next, Dr. Bouchez explained her graph on recent price correction statistics. This showed the number of hours reserved, hours corrected, and hours corrected excluding major software issues. She noted that the absolute number of hours reserved has been declining, as has the number of hours corrected. She next went on to her presentation of recent price correction statistics for 2003, 2004, and 2005, and for 2005 excluding software/load forecaster issues. Each year has shown an improvement, when software and load forecaster issues are taken into account for 2005.

As for how long it takes for the NYISO to correct prices, this has also dropped for the period from August 2005 to December 2005.

8. Proposed Revisions to the NYISO Settlements Process

Mr. Kevin Jones of Hunton and Williams discussed two blacklines of the Market Service Tariff Section 7.4 on Billing Disputes, (The OATT would also be modified in parallel fashion). One of the blacklines was handed out during lunch with new changes. This section of the tariff includes corrections or adjustments to settlement information and Market Participant (MP) challenges to the accuracy of settlement information. Mr. Jones also laid out

the tariff changes related to timing of the NYISO review and correction of challenged invoices.

A discussion ensued about corrections to one or more MP's NYISO statements causing changes or errors to other MP bills, and the time, or review period, those affected MPs have to challenge those new bills. Other Sections of 7.4 of the Tariff were discussed, such as Section 7.4 C on *de minimis* amounts. The Committee members then went into the appropriate number of final bill challenge periods and settlement versions. A NYISO proposal to divide the final 30-day review period into two periods (a 20-day and a 10-day period) to allow MPs to, in effect, challenge the 12-month bill twice, was discussed. In this scenario, MPs would have 20 days to review the 12-month bill; any errors as a result of corrections made (and only errors caused by such corrections) between the 4-month and the 12-month bill would be corrected, and a new invoice would be issued, which MPs would then have 10 days to review. The corrected invoice, if needed, following the 10-day period would be the Close-Out Settlement, and as such would not be subject to further correction.

Ms. Saia asked for a statement in these minutes that before the Management Committee next meets the tariff revisions reflect the discussion above with regard to splitting the final 30-day review period into a 20-day and a 10-day period. Ms. Saia also asked that the minutes state the Settlement issued after the 10-day review period is the Close-Out Settlement, i.e., not subject to further correction.

Mr. Charles Garber of the NYISO noted that the NYISO likely would need time between the 20-day and 10-day periods to create a new invoice, and thus the tariff language might need to reflect that.

Mr. Jones of Hunton and Williams proposed that the NYISO modify the motion, and the tariff language, so that the NYISO will have to return to MPs with a provision that addresses the 20/10-day split. Mr. Scheiderich asked that the number of days be business days.

Kevin Jones of LIPA expressed concern over whether the NYISO dispute resolution process would be replaced by these new tariff provisions.

The Motion to Revise the NYISO Settlements Process was put on screen: (in reverse of agenda order)

Motion #1:

The Business Issues Committee recommends that the Management Committee approve revisions to the settlement correction provisions of the NYISO tariffs, as presented to the Business Issues Committee on January 4, 2006, to:

- (i) eliminate the concept of a Completed Settlement Component;
- (ii) modify the administrative requirements for customer settlement challenges;
- (iii) replace the "reasonable period" for NYISO review of customer challenges as soon as possible within a period of two (2) calendar months or up to six (6) calendar months in the event that the NYISO provides notice to customers of extraordinary circumstances requiring the additional time; and
- (iv) prohibit the NYISO from making changes to an invoice after the issuance of a Close-Out Settlement absent Commission or judicial intervention.
- (v) timing issues related with the 30 day review period will be subject to changes noted in today's BIC minutes

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

Mr. Kevin Jones of Hunton and Williams then discussed the background behind the next motion, which has to do with “carve-outs” from the final bill provisions discussed above. The intent behind this provision was to allow the NYISO to proceed with the close-out schedule, even with unresolved Attachment N issues, which are related to congestion rent shortfalls and surpluses. The NYISO is currently precluded from doing this. A discussion followed about this proposal, with some members expressing concern about carving out these calculations from the final bill. In response to a request from Ray Kinney, the NYISO took an action item to provide an estimate of the timeline to implement a revised settlement process for Attachment N, and address the back-log of monthly settlements.-A motion to defer additional discussion was raised:

Motion #2:

Motion to defer discussion and consideration of the proposed motion noted under Item 9A of the Agenda for the January 4, 2006 BIC meeting.

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

9. Proposed Revisions to the NYISO Price Corrections Process

Mr. Kevin Jones of Hunton and Williams put up a blackline of proposed tariff revisions with regard to price corrections. A discussion followed shortly on these proposed revisions, including the procedure for incorporating these revisions into the Tariffs, shortening the price correction period or eliminating price corrections altogether.

Continuing, Mr. Jones went on to outline the associated “guiding principles”, such as the commitment of resources on a total least-cost basis, those related to the price correction process, and others.

Further discussion was held on prices during TLRs, and changing the related proposed tariff language. It was decided to add to the minutes that at the time pricing during TLRs is discussed at the Market Structures Working Group (MSWG), there will also be a discussion on the calculation of ATC during TLR events.

Mr. Jones continued with presentation bullet items on how errors in selecting the price-setting resource as well as issues related to Bid Production Cost Guarantees would be handled. A discussion followed about risk and in which market, Day-Ahead or Real-Time, generators should face the risk of certain types of errors such as those in selecting the price-setting resource in real-time. It was suggested that the minutes state that the NYISO will commit to work with the MPs at the MSWG on this issue of the assumption of risk, to ultimately be represented in a Tariff change. Mr. Kinney proposed a sentence be added to the minutes that would state: “The NYISO commits to work with MPs through the MSWG to develop tariff modifications that would provide appropriate incentives for generators to follow dispatch instructions (in these instances of errors in selecting price-setting resources). This would not mean that the BIC would necessarily approve any tariff modifications that the MSWG might produce.”

Mr. Bush asked that the minutes include that the above discussion at the MSWG would address who would assume the risk of the added costs.

Mr. Jones resumed his presentation on these tariff provisions related to price corrections.

Mr. Gioia asked that the NYISO's Action Plan be included with the FERC filing of these tariff revisions, and that the NYISO inform MPs when this occurred.

Motion #3:

The Business Issues Committee accepts the general concepts set forth in the NYISO's January 4, 2006 BIC Proposed Tariff Provisions document as amended during the meeting, which are designed to strike an appropriate balance between price accuracy and price finality. The BIC, subject to the below referenced issues, recommends that the Management Committee approve revisions to eliminate the Temporary Extraordinary Procedures and to specify:

- (i) the substantive criteria for determining that an Energy or Ancillary Services price has been calculated in error and requires correction,
- (ii) the manner in which the NYISO will calculate corrected prices, and
- (iii) the procedural requirements and limitations pertaining to price corrections; as presented to the Business Issues Committee on January 4, 2006, and provided the NYISO presents to the Management Committee prior to its approval of these proposed revisions an analysis and recommendation regarding whether these proposed revisions should include:
 - (i) a materiality standard for errors in selecting the appropriate price-setting resource that require correction and/or
 - (ii) a temporal limitation on errors in selecting the appropriate price-setting resource that require correction.

(Motion passed by majority show of hands with abstentions.)

10. New Business: None reported

11. Administrative Matters: None reported.

Adjournment.

Respectfully Submitted,
William G. Porter
Recording BIC Secretary

NYISO Business Issues Committee

January 4, 2006

New York State Nurses Association

MOTIONS FROM THE MEETING

Motion #1:

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- (i) eliminate the concept of a Completed Settlement Component;
- (ii) modify the administrative requirements for customer settlement challenges;
- (iii) replace the "reasonable period" for NYISO review of customer challenges as soon as possible within a period of two (2) calendar months or up to six (6) calendar months in the event that the NYISO provides notice to customers of extraordinary circumstances requiring the additional time; and
- (iv) prohibit the NYISO from making changes to an invoice after the issuance of a Close-Out Settlement absent Commission or judicial intervention.
- (v) timing issues related with the 30 day review period will be subject to changes noted in today's BIC minutes

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

Motion #2:

Motion to defer discussion and consideration of the proposed motion noted under Item 9A of the Agenda for the January 4, 2006 BIC meeting.

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

Motion #3:

The Business Issues Committee accepts the general concepts set forth in the NYISO's January 4, 2006 BIC Proposed Tariff Provisions document as amended during the meeting, which are designed to strike an appropriate balance between price accuracy and price finality. The BIC, subject to the below referenced issues, recommends that the Management Committee approve revisions to eliminate the Temporary Extraordinary Procedures and to specify:

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as presented to the Business Issues Committee on January 4, 2006, and provided the NYISO presents to the Management Committee prior to its approval of these proposed revisions an analysis and recommendation regarding whether these proposed revisions should include:

- (i) a materiality standard for errors in selecting the appropriate price-setting resource that require correction and/or
- (ii) a temporal limitation on errors in selecting the appropriate price-setting resource that require correction.

(Motion passed by majority show of hands with abstentions.)

New York Independent System Operator - Committee Membership

Business Issues Committee - Attendance January 4, 2006 - 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			
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				
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	Generation Owners								
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	John Deeds	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 Energy Commodities, Inc.	Other Suppliers	✓ Glen McCartney	Dan Allegretti	Sara O'Neil					✓ Rick Wafinger
Constellation New Energy Inc.	Other Suppliers	Michael Constantine	Sara O'Neill						
Consumer Powerline	Other Suppliers	Vinay Gupta	Mike Gordon	Ray Stirbys	Chau Shen				
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						
Dynergy	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				✓ Doreen Saia	
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 Laciuita	Erica Cheung	Scott McArthur	✓ Glenn Haake		

New York Independent System Operator - Committee Membership

Business Issues Committee - Attendance January 4, 2006 - 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	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	Jason Barker	Jeff Knox	Pamela Melton					
Strategic Power Management, Inc.	Other Suppliers	Mario DiValentino	Tom Folchi						
TransEnergie 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			✓ Balsome
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	John Oelbracht	Steven Kulig	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 Cardie	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			
NY State Electric Gas (NYSEG)	Transmission Owners	✓ Ray Kinney	✓ Patti Caletka	Steve Jeremko	Hank Masti				✓ Dave Hall
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					
Caitness Energy, L.L.C	Non-voting	Ross Ain	Gary Keevill	Mitchell Garber					
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	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 January 4, 2006 - Albany, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
James Schmidt	Hunton & Williams								
Rob Fernandez	NYISO								
Mark Lynch	NYISO								
✓ John Buechler	NYISO								
Mike Calimano	NYISO								
✓ Ernie Cardone	NYISO								
✓ Elaine Robinson	NYISO								
✓ Nicole Bouchez	NYISO								
✓ Leigh Bullock	NYISO								
✓ Ray Stalter	NYISO								
✓ Debbie Eckels	NYISO								
Mike Martin	NYISO								
✓ Kathy Whitaker	NYISO								
✓ Charles Garber	NYISO								
Tim Schmehl	NYISO								
✓ Bill Porter	NYISO								
John Cutting	NYISO								
Jane Lathrop	NYISO								
✓ Bob Thompson	NYISO								
John Charlton	NYISO								
	NYISO								
Andy Hartshorn	NYISO/LECG								

Key:

✓ = In attendance