

NYISO Business Issues Committee Meeting Minutes – DRAFT

September 13, 2006

Holiday Inn Albany

205 Wolf Road

Albany, NY 12205

1. Welcome & Chairs Report

Mr. Ray Kinney (NYSEG/RG&E) Chair of the Business Issues Committee (BIC) called the meeting to order at 10:10 a.m. and welcomed the members of BIC. Mr. Kinney informed the BIC that the approval of the minutes would be delayed until later in the meeting as a result of last minute changes and new copies were on the way. He noted that the "Settlement Cycle Motion" (Agenda Item #5) was revised in the days leading up to the meeting, and this is what the BIC would be discussing and voting on before lunch.

2. Approval of minutes for July 12 and August 9, 2006 (delayed, see below)

3. Market Operations Report

Rana Mukerji (VP, NYISO) provided a summary of the Market Operations Report for August. Mr. Mukerji noted that early August was hot, with new NYISO peak loads set on both August 1 and August 2, with the latter at 33,939 MW, though the balance of the month was relatively cool. Also:

- The LBMP for August was up from July, but down from August 2005.
- Fuel prices were all up this month, while uplift was down slightly.
- Price Corrections were down, and average real-time reserve prices were higher vs July due to the loads in early August.

4. Regional Market Enhancements

Mr. Mukerji noted that PJM's Reliability Pricing Model (RPM) was approved by its stakeholders in early August and the FERC filing is expected for the end of September. Glenn Haake (IPPNY) opined that a meeting between ISO-NE and NYISO regarding external ICAP sales between control areas, especially from NY to New England, is needed. Doreen Saia (Mirant) and Mark Younger (Slater Consulting) added that a special meeting of the ICAP Working Group is needed to address this issue, in light of looming ICAP Auction dates. Mr. Frank Francis of the NYISO responded that a special ICAP Working Group meeting is scheduled for September 21, and this issue would be added to the agenda for that meeting.

Item #6 regarding the ISO-NE Phase II HVDC Evaluation was discussed next. In response to a question from Michel Provost (HQ Energy Services), Mr. Mukerji noted that the data sharing agreement bulleted in the BIC report centered about producing real-time limits for this facility, and that ISO-NE will post those limits on its website. The agreement itself will not be posted. Also, PJM has not completed its new calculations with regard to the Phase II limits. Further, ISO-NE will be responsible for curtailment analyses. NYISO staff will inquire when the ISO-NE postings will begin.

Item #7-Coordination of Interregional Planning – this project continues and NYISO, PJM, and ISO-NE will seek additional input from stakeholders for a fall 2006 meeting.

For the NY MS-7040 Transfer Study, a question had arisen re the 1500 MW limit and the NYISO is reviewing the historical transfer constraint pricing impacts and is investigating the operational and market impacts of revised constraint penalty costs. Mr. Norris asked about the status of real-time operation which was scheduled for October 1; NYISO staff agreed to take this as an action item and report back to the BIC.

5. Proposal to Shorten the NYISO Settlement Cycle-Discussion and BIC Action

Mr. Dave Hall of NYSEG/RGE presented the "redlined" draft Motion regarding the proposal to shorten the NYISO Settlement Cycle. This version of the Motion addresses Web-Based

Reconciliation, and also includes a new bullet stating that the NYISO will keep the Billing and Accounting Working Group (BAWG) updated on the implementation status.

Bart Franey (National Grid) expressed reservations about both the shortening of the billing cycle and the revised Motion itself. After some discussion, Mr. Kinney discussed the history of this Motion at the BAWG and this BIC meeting. The dialogue then shifted to the "Proposed Changes to Tie & Generator Metering Management Protocols" (Protocols) and how it relates to the Motion. Randy Bowers of the NYISO subsequently went over the billing cycle timeline in detail as it was presented in the "Potential Hybrid BAWG-NYISO Shortened Settlement Cycle Proposal" (Timeline) which was also posted for this agenda item.

Ms. Saia asked that the procedures as listed in the Protocols be included in the Motion, and that a bullet be added to the Motion that the NYISO will notify affected parties if metering data is changed during the settlement process. Mr. Bowers replied that the intent was that this concern be addressed in the existing second bullet in the Settlement Cycle section of the Motion.

Mr. Kinney asked that the Motion be seconded before language changes were made. Jim Scheiderich of Select Energy asked that the Protocols be added to the Motion, and that the Motion reference the Timeline as well. Mr. Franey responded that this would be regarded as an unfriendly Motion.

Ms. Saia asked to add language ("....by any party including the NYISO") to the first and third bullets in the Settlement Cycle and Implementation Requirements Section, respectively, of the Motion. She also asked that the minutes reflect that the Protocols should be revised to include language stating written requests to change the metering data be within the 60-Day Period, and that the NYISO emails Market Participants when metering changes are made by the Metering Authorities (MA). Finally, Ms. Saia asked that the first bullet in the Implementation Requirements section of the Motion specifically refer to the Protocols as modified.

Kevin Jones of LIPA opposed these changes, which he opined should go back to the BAWG for discussion. In response to a question from Mr. Kinney, Mr. Bowers responded that the BAWG has seen these changes and that the intent was to show that the NYISO has controls in place to process this data, and that these changes are an improvement over the current process. Dr. Jones responded that he still felt such changes as proposed by Ms. Saia should go back to BAWG, especially with regard to treatment of the Protocol document.

Mollie Lampi of the NYISO noted that the NYISO Tariff clearly states that the MAs do have opportunities to change the metering data only up to the initial invoice, and thereafter there is a 60-day review period. She opined that this made it clear to her that the lockdown occurs with the issuance of the initial invoice, and thus with regard to procedures and protocols that support those Tariff provisions a final agreement need not happen at today's BIC.

Ms. Saia asked that a special BAWG be held to discuss the Motion and related Protocols in light of the fact that the Management Committee (MC) will be voting on these items, as they are Tariff changes. Mr. Hall noted that there was a BAWG scheduled for September 19th, and Mr. Bowers added that he was scheduled to make a presentation about the Metering Protocols at that meeting.

Ms. Deidre Facendola of Consolidated Edison asked for changes to be made to the second paragraph of the Motion regarding FERC submittal of tariff language changes and associated timing. She also asked for changes in the same paragraph reflecting a firm schedule for upgrades to Web Based Reconciliation (WBR). Mr. Hall expressed reservations with the WBR change, and noted that there are currently ways to manage shortcomings with WBR. Mr. Rich Dewey of the NYISO noted that improvements have been made to WBR and that further improvements to WBR, as discussed by the Project Prioritization Team (PPT) are to be made in 2007. Ms. Facendola also asked that the language in the second paragraph of the Motion related to changes developed during the technical conference between the NYISO and MPs be deleted, which was accepted; also to be deleted was wording associated with the true-up mechanism and socialization via a manual adjustment. The latter deletion was regarded as unfriendly.

Tim Foxen of NRG noted that with the changes discussed in this Motion there will be less time to analyze the data thus a quicker turnaround time of billing questions will be required by the NYISO so that MPs will have time to decide whether to subsequently challenge a final bill.

Mr. Foxen further opined that "his company has had some issues with not getting complete and timely responses" to its billing questions, and so asked that the following statement be added to the minutes: "NRG understands and the NYISO concurs that effective implementation of the bill challenge cycle reductions in this Motion also relies on timely and complete responses to Market Participant's (MP) billing inquiries that are initially directed through the NYISO Customer Relations Department."

Liam Baker of US PowerGen asked that the following be added to the Motion, as a last bullet point in the Settlement Cycle section: "As presented at the August 29, 2006 BPCTF, the NYISO will provide a response to supported bill challenges submitted to the NYISO Citar System within 20 business days. In all cases, the NYISO shall provide a definitive, substantive response to a supported bill challenge prior to the end of the 2 month NYISO correction period." This was taken as a friendly amendment.

Ms. Lampi noted that the NYISO is interested in returning to, for purposes of discussion, the "effective date language" that was included in the redlined Motion as included in the BIC packet, and which will be brought back to the BAWG for its consideration.

Motion #1:

The Business Issues Committee recognizes that timely and accurate settlements form a key lynch pin in a properly functioning wholesale electricity market. Shorter settlement cycles reduce financial uncertainty and risk, allow for timely accounting of revenues and expenses, and limit the magnitude of potential default exposures. Accurate and timely settlements increase confidence in the markets and generally make sound business sense.

The Business Issues Committee approves a shortening of the NYISO Settlement Cycle, subject to NYISO and Market Participant commitments, as described herein. The NYISO and its Market Participants have committed not to implement market changes without associated billing system upgrades. In the event the NYISO has to correct charges outside of this billing schedule the NYISO will assess such charges in a manner consistent with a true-up rather than socializing through a manual adjustment. The NYISO and Market Participants will develop /design a comprehensive plan to upgrade the Web Based Reconciliation tool to incorporate the changes necessary to implement the loading/echo functions previously committed to in 2003. The Business Issues Committee recommends that the Management Committee develop tariff language to submit to FERC for approval so that the NYISO can implement such provisions effective with the settlement of the charges for January 2007. The elements and timeline for the shortened settlement cycle are as follows:

Settlement Cycle:

- Initial Invoice posted on, or about, the fifth business day following the close of the billing month*
- NYISO posts Meter Authorities submitted generator and tie-line metering readings throughout the billing month, which are subject to Meter Authority correction up to the issuance of the initial invoice. A sixty-day review period for generator and tie-line metering data begins, commensurate with the issuance of the initial invoice. When a Market Participant identifies meter errors during a review period, the Market Participant, Meter Authority, and the NYISO will work cooperatively to resolve such errors during the respective review period.*

- *Review period for generator and tie-line metering ends on, or about, day sixty following the close of the billing month. Generator and tie-line metering data is finalized and not subject to further revision by any party including the NYISO.*
- *NYISO calculates and posts finalized sub-zonal loads for all sub-zones on, or about, day sixty one following the close of the billing month.*
- *Meter Authorities submit hourly Load Serving Entity (LSE) bus metering data by day seventy five following the close of the billing month.*
- *NYISO posts hourly LSE bus metering data for Market Participant review at approximately day seventy six following the close of the billing month.*
- *NYISO posts advisory four-month true-up daily, hourly, and dispatch-interval settlement support to the Decision Support System at approximately day ninety five following the close of the billing month.*
- *NYISO issues four-month true-up invoice on, or about, day one hundred twenty five following the close of the billing month.*
- *Meter Authorities submit final hourly LSE bus metering data by day one hundred thirty five following the close of the billing month, for inclusion in the six-month trueup invoice.*
- *NYISO posts hourly LSE bus metering data for Market Participant review on, or about, day one hundred thirty six following the close of the billing month.*
- *Review period for LSE load data ends on, or about, day one hundred fifty following the close of the billing month. LSE load data is finalized and not subject to further revision.*
- *NYISO posts advisory six-month true-up daily, hourly, and dispatch-interval settlement support to the Decision Support System at approximately day one hundred fifty five following the close of the billing month.*
- *NYISO issues the six-month final bill on, or about, day one hundred eighty five following the close on the billing month.*
- *A Market Participant thirty-day challenge period commences immediately following issuance of the six-month final invoice.*
- *As presented at the August 29, 2006 BPCTF, the NYISO will provide a response to supported bill challenges submitted to the NYISO Critar System within 20 business days. In all cases the NYISO shall provide a definitive, substantive response to a supported bill challenge prior to the end of the 2 month NYISO correction period.*
- *The Market Participant challenge period closes on, or about, day two hundred fifteen following the close of the billing month. Challenges raised during the thirty-day challenge period will exclude challenges to meter and load data.*
- *As provided for under current tariff provisions, NYISO shall review and resolve challenges over a two month period directly following the close of the Market Participant challenge period. This review period could expand to a six-month period in the event of "extraordinary circumstances."*

- Also as provided for under current tariff provisions, NYISO shall post advisory bill close-out settlement invoices for a Market Participant twenty-five-day review period on, or about, day two hundred seventy five following the close of the billing month, absent extraordinary circumstances, as described above.

- NYISO shall issue the final bill close-out invoice on, or about, day three hundred following the close of the billing month.

- The Business Issues Committee recognizes that the issuance of final bills does not affect the NYISO's authority or responsibility to impose ICAP/UCAP or other penalties in accordance with its Tariffs or a regulatory mandate.

Implementation Requirements:

Implementation of the shortened billing cycle shall not begin until completion of the following items:

- The NYISO must have in place procedures and controls that provide assurance the metering data for Generator and Sub-Zonal Ties will be finalized and not subject to further revision at day sixty following the close of the billing month by any party including the NYISO and that LSE load data will be finalized and not subject to further revision at day one hundred fifty following the close of the billing month.

- NYISO must implement near-term performance enhancements to web-based metering reconciliation. Enhancements must include procedures and processes for data modification and finalization, data change notification, and data feasibility checks.

The NYISO will report progress on completing these items at the Billing & Accounting Working Group (BAWG). The BAWG will advise the Business Issues Committee on readiness for implementation.

(Motion passed unanimously by show of hands with abstentions)

2. Approval of minutes for July 12 and August 9, 2006:

Mr. Frank Francis (NYISO) noted that the July 12 minutes had no comments, while the August 9 minutes had received a few comments and corrections. Mr. Paul Norris (HQUS) said that his submitted comments about the 7040 for the July 12 minutes were not corrected, and Mr. Francis agreed to make the corrections. The minutes for both meetings were approved as amended in today's BIC.

Motion #2:

Motion to approve the Minutes of the July 12, 2006 and August 9, 2006 BIC meetings.
(Motion passed unanimously by show of hands)

6. Proposal to Increase the 500 MW Exemptions for Intermittent Resources and Exempt Under-Generation Penalties for Generators in Testing Periods-Discussion and BIC Action

Mike Martin of the NYISO introduced and Ms. Lampi continued with the proposed tariff language changes which had been discussed at the last MSWG, and which will ultimately need approval by the MC. First was a new Tariff Definition 2.177c "Testing Period" during which a Generator would be testing equipment; and so would be unable to follow its base points.

The second proposed Tariff modification raised the limit for additional intermittent renewable resource generators from 500 MW to 1000 MW. The third change addressed an error with regard to

units that supplied steam within Con Ed's service territory in New York City, where 499 MWs should replace 365 MW as the maximum total for those units.

In response to a question from Dr. Jones, Ms. Lampi said she estimated that this 1000 MW limit will suffice through the summer of 2007. Mr. Howard Fromer of PSEG asked that Ms. Lampi confirm for the minutes that it is the NYISO's intention that it has list of acceptable generator tests to be spelled out in a NYISO document; Mr. Robert Thompson replied in lieu of Ms. Lampi that these tests would be those that are spelled out in the IPPNY memo, with the exception of two tests that have yet to be defined. He went on to say that the intent is to have, in general, the tests be predictable and so allow reasonably accurate bids, and that the generator be at a certain level for 15 minutes or so. Mr. Fromer asked that the minutes show that the NYISO's conditions are satisfied regarding the above-mentioned IPPNY list. He also asked whether tests can be individualized for specific generators, to which Mr. Thompson replied in the affirmative, and Mr. Thompson also noted that the NYISO will be producing a Technical Bulletin covering these tests.

Motion #3:

The Business Issues Committee (BIC) hereby recommends that the Management Committee (MC) approve revisions to the NYISO's Market Services Tariff, as discussed at the Market Structures Working Group meeting on September 6, 2006, and presented to the BIC on September 13, 2006. The proposed tariff modifications would exempt any generator during a prescribed Testing Period from under-generation penalties, and would increase by 500 MW the capacity of Intermittent Power Resources entitled to special market settlement rules and exemptions from persistent under-generation penalties and Operating Reserves bidding obligations.

(Motion passed unanimously by show of hands with abstentions)

7. Working Group Updates

A. Billing and Accounting Working Group

Mr. Hall noted that the NYISO has identified 3 potential bad debts which have been noticed to MPs, and is working on resolution of those. For "Attachment N" issues, there has been no movement lately, though the NYISO is working on a recovery schedule, which is to be completed by August 2007.

B. Electric System Planning Working Group

Tariq Niazi (NYS Consumer Protection Board) reported that the ESPWG has been working on cost allocation issues, as well as procedures for defining project statuses. Mr. Niazi also stated that progress has been made on issues such as Black Start payments, RNA, etc.

C. Installed Capacity Working Group

Glenn Haake (IPPNY) noted that the NYISO reported at the last meeting that it was working on the In-City ICAP mitigation proposals that were adopted by BIC last month, as well as seams-related issues. Mr. Haake also noted that Mr. Younger made a presentation on forward ICAP procurement obligations. Also, there was a discussion on rules for exporting capacity from New York to New England; Mr. Fromer noted here that he would like to have ISO-NE come to NY to present its ICAP rules changes.

D. Interconnection Issues Task Force

No report.

E. Resource Adequacy Issues Task Force

Mr. Haake reported that a presentation was made by NYSEG for adopting the "Free-Flowing Equivalent" vs "Tan 45" approaches and their respective cost implications, which was to be presented

at this BIC. Subsequently “upstate” vs “downstate” subsidies were discussed and whether some input should be made to the NY Reliability Council on behalf of the RAITF re emergency assistance; it was felt that the subsidy issue should be researched first, Mr. Haake reported.

F. Market Structures Working Group

Frank Francis (NYISO) reported on behalf of Mr. Baker that, in addition to the proposed tariff changes for wind generators, there was also a discussion regarding the FERC order addressing Long-Term Transmission Rights. Mr. Francis also stated that Market Participants should provide their comments or input on implement the FERC order.

G. Price Responsive Load Working Group

Mr. Rick Mancini of (Customized Energy) reported that the NYISO presented a registration update for the demand-response programs as well as summary of the events during the high-load periods in early August. Mr. Mancini also noted that a representative from FERC attended the last PRLWG who reviewed the FERC Demand-Response Report. Mr. Dave Lawrence of the NYISO provided an update on the NYISO progress regarding allowing demand-response customers to participate in the Ancillary Service Markets. Finally, a representative from the NY Department of Environmental Conservation talked about the DEC’s proposed rules for distributed generation.

H. Scheduling and Pricing Working Group

Mr. Franey said there were two agenda items/presentations for this Working Group: 1) the RTC display changes, and 2) uplift details.

Mr. Bruce Bleweis (DC Energy) asked about the status of talks between the NYISO and its MPs re FERC Docket/Proceeding ER06-1014 as he was promised feedback at the BPCTF on August 29 and it is now approximately 60 days into the 120 day compliance period. NYISO staff took this as an Action Item.

RAITF - Presentation by Steve Jeremko of NYSEG/RGE:

New York Control Area (NYCA) Installed Reserve Margin (IRM) Cost Comparison of “Tan 45”and Free- Flowing Equivalent (FFE) IRM Anchoring Methods

Mr. Jeremko presented his capacity cost analysis for the New York Control Area (NYCA) Installed Reserve Margin (IRM) requirements. Following this, there was an extended discussion which included some clarifying questions on the points made in the presentation. Mr. James D’Andrea (KeySpan Ravenswood LLC) noted the relationship of demand-response providers of ICAP to the capacity situation in the NYCA. Dr. Jones opined that presentations like these should be brought through the Committee process starting with the Working Groups. The discussion continued, and included the potential for retirement of upstate units, recalculated load costs for capacity based on location, the energy value associated with capacity, and the location of the demand curves.

8. Review Quarterly Meeting Scorecard

Mr. Bowers reviewed the quarterly report for the metered MWhr data changes (or updates) for a given time period from month to month. He noted that the hope is to develop an understanding of the causes of these true-ups, and also that the expectation is that some process changes will reduce the amount of data that changes.

9. Data Retention Overview

Rich Dewey of the NYISO reviewed how the NYISO retains both billing and market data, what some of the concerns are (e.g. performance, cost), a list of some potential solutions, and finally, recommendations for future consideration. Mr. Dewey said he expected to get into more detail in early 2007, when the NYISO would be seeking feedback from MPs via the BAWG and other Working Groups.

10. New Business

Mr. Fromer stated that an issue that needs referral to the SPWG with regard to temperature-sensitive generators and their ability to produce more than their DMNC; currently these generators are not able to bid in above their DMNC capacity as reflected in the NYISO systems. There needs to be a way for generators to bid in reflective of their NYISO-approved temperature curves and have those bids accepted by the NYISO Market Information System (MIS), in his opinion.

11. Administrative matters.

12. Adjournment

Meeting adjourned at 3:15 PM.

Respectfully Submitted,
Bill Porter
Recording BIC Secretary

NYISO Business Issues Committee

September 13, 2006

Holiday Inn, Albany

MOTIONS FROM THE MEETING

Motion #1:

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The Business Issues Committee approves a shortening of the NYISO Settlement Cycle, subject to NYISO and Market Participant commitments, as described herein. The NYISO and its Market Participants have committed not to implement market changes without associated billing system upgrades. In the event the NYISO has to correct charges outside of this billing schedule the NYISO will assess such charges in a manner consistent with a true-up rather than socializing through a manual adjustment. The NYISO and Market Participants will develop /design a comprehensive plan to upgrade the Web Based Reconciliation tool to incorporate the changes necessary to implement the loading/echo functions previously committed to in 2003. The Business Issues Committee recommends that the Management Committee develop tariff language to submit to FERC for approval so that the NYISO can implement such provisions effective with the settlement of the charges for January 2007. The elements and timeline for the shortened settlement cycle are as follows:

Settlement Cycle:

- Initial Invoice posted on, or about, the fifth business day following the close of the billing month
- NYISO posts Meter Authorities submitted generator and tie-line metering readings throughout the billing month, which are subject to Meter Authority correction up to the issuance of the initial invoice. A sixty-day review period for generator and tie-line metering data begins, commensurate with the issuance of the initial invoice. When a Market Participant identifies meter errors during a review period, the Market Participant, Meter Authority, and the NYISO will work cooperatively to resolve such errors during the respective review period.
- Review period for generator and tie-line metering ends on, or about, day sixty following the close of the billing month. Generator and tie-line metering data is finalized and not subject to further revision by any party including the NYISO.
- NYISO calculates and posts finalized sub-zonal loads for all sub-zones on, or about, day sixty one following the close of the billing month

- Meter Authorities submit hourly Load Serving Entity (LSE) bus metering data by day seventy five following the close of the billing month
- NYISO posts hourly LSE bus metering data for Market Participant review at approximately day seventy six following the close of the billing month
- NYISO posts advisory four-month true-up daily, hourly, and dispatch-interval settlement support to the Decision Support System at approximately day ninety five following the close of the billing month
- NYISO issues four-month true-up invoice on, or about, day one hundred twenty five following the close of the billing month
- Meter Authorities submit final hourly LSE bus metering data by day one hundred thirty five following the close of the billing month, for inclusion in the six-month true-up invoice
- NYISO posts hourly LSE bus metering data for Market Participant review on, or about, day one hundred thirty six following the close of the billing month
- Review period for LSE load data ends on, or about, day one hundred fifty following the close of the billing month. LSE load data is finalized and not subject to further revision.
- NYISO posts advisory six-month true-up daily, hourly, and dispatch-interval settlement support to the Decision Support System at approximately day one hundred fifty five following the close of the billing month
- NYISO issues the six-month final bill on, or about, day one hundred eighty five following the close on the billing month
- A Market Participant thirty-day challenge period commences immediately following issuance of the six-month final invoice
- As presented at the August 29, 2006 BPCTF, the NYISO will provide a response to supported bill challenges submitted to the NYISO Critar System within 20 business days. In all cases the NYISO shall provide a definitive, substantive response to a supported bill challenge prior to the end of the 2 month NYISO correction period
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- The Market Participant challenge period closes on, or about, day two hundred fifteen following the close of the billing month. Challenges raised during the thirty-day challenge period will exclude challenges to meter and load data.
- As provided for under current tariff provisions, NYISO shall review and resolve challenges over a two month period directly following the close of the Market Participant challenge period. This review period could expand to a six-month period in the event of "extraordinary circumstances."
- Also as provided for under current tariff provisions, NYISO shall post advisory bill close-out settlement invoices for a Market Participant twenty-five-day review period on, or about, day two hundred seventy five following the close of the billing month,

absent extraordinary circumstances, as described above.

- NYISO shall issue the final bill close-out invoice on, or about, day three hundred following the close of the billing month.
- The Business Issues Committee recognizes that the issuance of final bills does not affect the NYISO's authority or responsibility to impose ICAP/UCAP or other penalties in accordance with its Tariffs or a regulatory mandate.

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- NYISO must implement near-term performance enhancements to web-based metering reconciliation. Enhancements must include procedures and processes for data modification and finalization, data change notification, and data feasibility checks.

The NYISO will report progress on completing these items at the Billing & Accounting Working Group (BAWG). The BAWG will advise the Business Issues Committee on readiness for implementation.

Motion passed unanimously by show of hands with abstentions.

Motion #2:

Motion to approve the Minutes of the July 12, 2006 and August 9, 2006 BIC meetings.

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Motion passed unanimously by show of hands with abstentions.

New York Independent System Operator - Committee Membership

Business Issues Committee - Attendance September 13, 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.	Paul DeCotis	Karl Michael	✓ David Coup	Erin Hogan	Christopher Hall			
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					
Helmley-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					
Wegmans Food Markets	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					✓ Valerie Strauss	
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	Jennifer Kearney					
AES NY	Generation Owners	Doug Roll	Charles Sjoberg	Christopher Wentlent					
Astoria Energy LLC	Generation Owners	Joseph Swift	Leonard Singer	Chuck McCall					
Calpine	Generation Owners	Brett Kruse	Kris Zadlo	Steve Remillard					
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					
Horizon Wind Energy	Generation Owners	Anntonette Alberti	✓ Patrick Doyle	P.J. Saliterman	Charlie Turlinski	Scott Alexander	Greg Kemmis		
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					
New Athens Generating Co.	Generation Owners	Jack Breen	Chris Bursaw	Dan DeVinney	Rich Felak				
Noble Environmental Power LLC	Generation Owners	Thomas Swank	Liz Grisaru						
Selkirk Cogen Partners, L.P.	Generation Owners	Tim Bittig	Steve Kampplia						
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					
Brookfield 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					
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	Sadao Milberg	Chris Carpenter	Matthew Tate		
Dynegy	Other Suppliers	✓ Barry Huddleston	Jason Cox	Kevin White					
ECONergy	Other Suppliers	Saul Horowitz	Tom Halleran						
Energy Spectrum	Other Suppliers	Gary David	Henry Hartstein	Aron Iskowitz	Ruben Brown	Arthur Pearson			
EnerNoc	Other Suppliers	David Brewster	Aaron Breidenbaugh						
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	✓ 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	Jim Mayhew	Lee Davis					
NU / Select Energy	Other Suppliers	✓ Jim Scheiderich	Gunnar Jorgensen						

New York Independent System Operator - Committee Membership

Business Issues Committee - Attendance September 13, 2006 - Albany, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
Ontario Power Generation Inc.	Other Suppliers	✓ Scott McArthur	Dave Barr	Ken Lacivita	Erica Cheung	✓ Scott McArthur	✓ Glenn Haake		
Orion Power New York	Other Suppliers		John Meyer						
PPM Energy	Other Suppliers	✓ Thresa Allen	T.H. Rawls	Tom Shields					
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				
Sempre 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					
TransEnergie U.S. Ltd.	Other Suppliers	Michael Jacobs	Raymond Coxie						
U.S. Power Generating Co.	Other Suppliers	✓ Liam Baker	Mark Sudbey						
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	William Palazzo	Bob Deasy	✓ Bob Gow	Paul Rougeaux	✓ Kevin Kipers			
American Wind Energy Association	Public Power - Environmental	✓ Valerie Strauss	Larry DeWitt	Douglas Ward	Mike Jacobs	Carol Murphy			
Environmental Advocates	Public Power - Environmental	Anne Reynolds	Larry DeWitt					✓ Valerie Strauss	
Nat'l Resources Defense Council	Public Power - Environmental	Dale Bryk	Larry DeWitt					✓ Valerie Strauss	
Pace University	Public Power - Environmental	Edward Smeloff	Larry DeWitt					✓ Valerie Strauss	
Scenic Hudson	Public Power - Environmental	Larry DeWitt						✓ Valerie Strauss	
Bath Electric, Gas & Water Systems	Public Power - Munis & Co-ops	Ken Moore	Tim Bush	Matthew Benesh	Jim Hamilton	Jack Brown		✓ Mike Mager	
City of Jamestown Board of Pub. Util.	Public Power - Munis & Co-ops	David Gustafson	Wally Haase	John Oelbracht	Steven Kulig	✓ Tom Rudebusch		✓ Mike Mager	
Lake Placid Village	Public Power - Munis & Co-ops	Peter Kroha	Tim Bush					✓ Mike Mager	
Municipal Commission of Boonville	Public Power - Munis & Co-ops	Kenneth Stabb	Tim Bush					✓ Mike Mager	
Plattsburgh Municipal Lighting Dept.	Public Power - Munis & Co-ops	Jack Brown	Tim Bush	Ken Moore				✓ Mike Mager	
Village of Arcade	Public Power - Munis & Co-ops	Larry Kilburn	Tim Bush					✓ Mike Mager	
Village of Fairport	Public Power - Munis & Co-ops	Ken Moore	Tim Bush	Paul Pallas				✓ Mike Mager	
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 Solvay	Public Power - Munis & Co-ops	Anthony Modafferi	Tim Bush					✓ Mike Mager	
Village of Westfield	Public Power - Munis & Co-ops	Jim Hamilton	Tim Bush	Ken Moore	Matthew Benesh	Jack Brown		✓ Mike Mager	
Central Hudson Gas & Electric	Transmission Owners	✓ James Valleau	Thomas Canino	Jeff May	Rick Greener				✓ Bruce Marley
Consolidated Edison	Transmission Owners	Stuart Nachmias	Gerry Dunbar	Neil Butterklee				✓ Deirdre Facendola	✓ John McAvoy
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				
Ace Energy Company, Inc	Non-voting	Marie Pieniazek	Stephen Lynch						
ACENY	Non-voting	Carol Murphy	✓ Valerie Strauss						
Boundless Energy, L.L.C	Non-voting	Brian Chernack	Chuck Gilbert	Mark Mainetti					
Caithness Energy, L.L.C	Non-voting	Ross Ain	Gary Keevill	Mitchell Garber					
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						
Energy Curtailment Specialists, Inc	Non-voting	Marie Pieniazek	Stephen Lynch						
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							
US Direct Energy Inc.	Non-voting	Marie Pieniazek	Stephen Lynch						
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	None Assigned							

New York Independent System Operator - Committee Membership

Business Issues Committee - Attendance September 13, 2006 - Albany, NY - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
NYISO and Hunton & Williams Members in Attendance:									
Ira Freilicher	Hunton & Williams								
Kevin Jones	Hunton & Williams								
James Schmidt	Hunton & Williams								
Rob Fernandez	NYISO								
Mark Lynch	NYISO								
John Buechler	NYISO								
Mike Calimano	NYISO								
Andy Ragogna	NYISO								
✓ Elaine Robinson	NYISO								
✓ Jacquie Ponds	NYISO								
✓ Leigh Bullock	NYISO								
✓ Ray Stalter	NYISO								
✓ Debbie Eckels	NYISO								
Dave Lawrence	NYISO								
	NYISO								
Brad Kranz	NYISO								
	NYISO								
	NYISO								
John Cutting	NYISO								
	NYISO								
Ernie Cardone	NYISO								
John Charlton	NYISO								
Kathy Whitaker	NYISO								

Key:

✓ = In attendance