

NYISO Management Committee Meeting

August 4, 2000

Con Edison

New York City

Minutes of Meeting

1. Introduction and Meeting Objectives

Mr. Lou Rana, Chairman of the Management Committee (MC), called the meeting to order and welcomed the members of the MC.

Mr. Rana indicated there were 16 items on the agenda, including two for vote: 1) proposed changes to Schedule 1 of the OATT, and 2) extension of TCCs for the LIPA Northport PAR.

2. Approval of Minutes (7/6)

The MC minutes of the 7/6 meeting were approved as amended.

3. Chairperson's Report

Mr. Rana discussed the need for an August 25th meeting will be held to approve the September 1st reserves filing and the September 1st report addressing market flaws identified the FERC's bid cap order. Mr. Rana called for Market Participant (MP) involvement in the preparation of the report, indicating that the most reasonable approach is to have 3 representatives from each sector. The filing and the report will be sent to the MC members prior to August 25th meeting.

4. Market Operations Report

Mr. Museler presented the President's Operations Report to the MC.

Communications: The NYISO has in place a communications plan covering its efforts to work with a range of audiences, including the media and federal and state policy makers. A copy of the communications plan will be provided to the MPs by the end of August. In the last month, Mr. Museler, Mr. Fernandez and Mr. Garlock spent several days in Washington on legislative visits, and Mr. Museler testified before five New York State Assembly legislative committees and the Speaker of the Assembly. The NYISO has also started editorial board visits, held media briefings and responded to more than 60 media inquiries last month. In September, the NYISO will begin issuing a weekly wholesale electric market report that will look similar to a stock market report that presents prices on a kWh basis and any other significant market events. Given

increasing concerns about price levels, especially in light of events in CAL-ISO, the NYISO has been aggressive in its communications efforts.

Regarding reliability, Mr. Museler reported the following:

- The NYISO performance has recovered to above the CPS-2 criteria of 90% for July.
- HQ import limits will be reduced downward: The NYISO has been scheduling 1800 MW in the DAM, but has consistently been unable to move that much power in real time. The NYISO is investigating what is causing the problem. There is more reactive load on the system than the model contemplates, and both the model and the system are very sensitive to reactive load. The increased reactive load causes low voltage in some areas, requiring reductions in HQ imports. This is the reverse of the PJM last year situation. The DAM model and limits need to reasonably reflect what will happen in real time, if not, this could pose serious reliability problems on high load days. On Monday August 7th the NYISO expects to issue revised HQ import limits with a 48-hour implementation time. Operations is continuing its investigation to determine if further revisions to the HQ import limitations are required.

Following reports on some other issues, questions were raised about the HQ imports:

Aaron Breidenbaugh stated that at a recent SOAS meeting, the group and the staff had said that there was no need to revise the transfer limits on the HQ ties if HQ could accept the cuts. He wanted to know what happened in the last week to change that. Staff responded that committing HQ imports that could not actually be handled in real time prevented the commitment of NY units which would end up being needed in real-time for reliability. The changed commitment also could impact prices. Tim Bush from Sithe agreed it is appropriate to reduce limits in the day-ahead market to reflect what can be done. Mr. Bush stated that he thought anything above 1200 MW was being delivered to other control areas, and wanted to know if the NYISO was cutting wheel-throughs or internal transactions. Marjorie Philips from PECO Energy indicated that if the NYISO were cutting firm wheel-throughs this would cause PECO to go to FERC if it does not see parity in the use of the transmission system. The NYISO Staff explained that despite concerted efforts by Operations to get the scheduled HQ imports up to the level expected, low voltage in the Edic area almost always disrupts the imports. The NYISO indicated they are looking at other alternatives to reducing HQ imports, but there does not appear to be a viable short-term solution to the reactive supply problem. NYPA's Marcy South FACTS project in Utica may help. The NYISO's analysis of the problem will be provided to the OC for their review.

FERC Order on Reserves: On July 31, 2000, FERC issued an order granting rehearing for further consideration, and dismissing the NYISO's request for a stay as moot. The FERC permitted the NYISO to defer any rebilling of Operating Reserves for March until 15 days after the FERC rules on the merits of the rehearing request filing.

July Market Performance: Mr. Museler reported the following highlights for July:

- July 2000 was the fifth July in history where no 90-degree days recorded in Central Park. Overall daily average prices are more moderate than they would be under normally higher temperature.
- The day-ahead market accounted for approximately 40% of the market.
- There have been no upward or downward trends in the reserves markets.
- The regulation market has experienced a downward price trend over 3 or 4 months and remained level in July. The regulation market is getting a little deeper.
- A number of software changes had been put into operation the week of July 31st that should reduce the number of price corrections.

Joel Brainard from the NYPSC asked what happened on July 10 and 11th to create spikes in the spinning and non-spinning reserve prices. The NYISO Staff explained that a non-capped unit in western New York could set the reserves prices. The \$2.52 price cap is not on western resources but on eastern and southern.

Transmission Study: Mr. Museler reported the NYISO Board had made a request for a Transmission Study. The Board gave NYISO staff a mandate to examine a number of issues in the study, notably:

1. With all the new generation coming on line, what will it mean to transmission system, both in terms of congestion and reliability
2. Determine if there are any potential transmission enhancements that have particular benefits from a reliability or congestion mitigation standpoint.

The NYISO will be using GE to do this study, which builds on work done on the New York State Energy Plan.

Howard Fromer, representing Enron, expressed concern with the NYISO conducting studies from an economic standpoint (i.e. congestion management). Mr. Fromer also indicated that economics should be a private sector concern, the NYISO should not be expending resources on this type of study, and that changes to reduce congestion could eliminate the value of the five-year TCCs recently purchased. Mr. Museler explained that the Board is concerned that while generation is being proposed essentially nothing is happening on the transmission side of the house. The Board does understand that new generators being sited can solve many problems. The Board believes it has an obligation to look at the transmission system from both a reliability and a market standpoint. The Board not only has responsibility for reliability but also has responsibility for providing an efficient, workably competitive market.

Paul Gioia stated that if the Board has these concerns it should go to the OC and tell the committees to do something about it. Mr. Museler assured the MC that the Board intends to work with the Committees. The study essentially has both three and six month scopes. The Staff will be looking for feedback from the BIC and the OC, especially concerning economic issues.

Paul Savage, representing NRG, questioned how this study would coordinate with the individual interconnection studies. The Staff explained that this study would not supersede any interconnection studies or area studies being done by the TOs. Those studies focus on a relatively close-in time frame. The Board is looking at a five to ten year time horizon. This study will be on NYISO project list, but the first three months will not take any significant staff resources because GE will be doing the work. There was a discussion on how project priorities are assigned. Mr. Rana terminated the discussion with an assignment to the OC through TPAS to follow this study closely and a request that the NYISO report to the MC about this study.

Regional Market Studies: Mr. Museler reported that the NYISO is taking the lead on the scoping study to look at the potential for a single day-ahead market for the Northeast. Unfortunately, PJM declined to participate, but the NYISO, ISO-NE and the IMO decided that it is reasonable to proceed with the study. The RFP has been issued. It has a long time frame for the evaluation of responses to get MP input. In two visits to FERC, it is very clear that in the RTO Order process the FERC will insist on addressing regionalization and disparate rules between the ISOs, and this study will support the RTO process. Sept. 15 as a nominal date to award a contract and get study started. The NYISO is project manager for this study.

ISO-NE is taking the lead on a study for a common reserves market for all four Northeast ISOs, which will include examining whether there can be common products and common rules for reserves markets. All four ISOs are participating. This study will start later than the day-ahead market study, but ISO-NE wants to fast track the reserves study since they are currently designing their own market.

There were a number of concerns expressed by market participants regarding both the study and the process. Marjorie Philips reported the PJM Members Committee had passed a resolution to approve PJM's position to not participate. She emphasized there is a troubling trend by the NYISO to bypass the participants. There should be a FERC facilitated stakeholder-ISO process including all four ISOs to decide what to do. Should use this stakeholder process to see whether the market participants and the Staff could do this without hiring a consultant. Additional market participants echoed these sentiments. There was particular concern expressed that the RFP had been issued before it was seen by the market participants especially when the Staff had said at the last MC meeting that the RFP would come back to MC for review and comment. Paul Gioia stated that the issuance of this RFP and the Board initiated transmission study reflects a basic misunderstanding of the governance process in this organization. Mr. Museler explained that getting the RFP through the other ISOs had taken longer than expected. The NYISO was concerned that sending the RFP to the committees might have resulted in some months delay in getting results that are needed to support the NYISO's obligation to provide the FERC with substantive information in the RTO process. Mr. Museler advised market participants to read FERC comments in recent orders. The FERC is sending clear messages that the ISOs need to

look at potential future directions. It is not prudent to ignore the FERC's messages. The seams issues are supposed to be addressed under the ISO MOU process which includes market participants. The study of a single larger day-ahead market is in addition to, not instead of, resolving seams issues. The outcome of the feasibility study is not pre-determined. Harvey Reed representing Constellation Power suggested putting this topic on the agenda for the ISO MOU Business Practices WG meeting to be held soon in Boston. Chuck King will include this topic on the agenda for the MOU Working Group meeting in Boston, and the NYISO will involve the MPs in the NE DAM Study through the BIC. In response to a question from Praxair's representative, the Staff indicated the RFP would be released Monday August 7th.

Software Enhancements: Mr. Museler reported the status of software enhancements being made by the NYISO. Areas of enhancement include GT block loading, SCUC modifications, and SCD modifications.

RTO 2000 Process: Market participants desiring to work on developing the NYISO response to FERC Order 2000 were requested to identify themselves. NYISO staff member Tim Schmehl will serve as project manager for this effort. He will set up an initial organizing meeting with market participants. The NYISO will provide an initial schedule based on working backward from the filing date. Based on previous analysis of Order 2000's RTO requirements, the Staff is hopeful that there are no more than 4 tough issues to be resolved, plus fine tuning to comply with other requirements.

3. Interregional ISO-MOU Report

Charles King reported that the Business Practices WG would meet at the Seaport Hotel in Boston on August 22nd. They will review progress on the short- and long-term issues and address the Northeast day-ahead market study.

The Operations WG has a stakeholder meeting scheduled for October 30th. Its subgroup, the Control Area Scheduling group, is an inter-ISO staff group consisting of operations, scheduling and billing personnel and is focusing on check out issues.

The Planning WG met July 21st. They formed two subgroups to provide better focus for their efforts. These WGs, the Capacity Planning WG and the Interregional Planning WG, are scheduled to meet in Albany on August 28th and 29th respectively.

NYISO Market Services: Mr. King also reported on the recent restructuring – Grid Accounting has been moved to Finance and Compliance and the Market Monitoring Unit has been shifted to Market Services. Mr. King reported that the implementation of the bid cap reduction to \$1000/MWh went smoothly and thanked the market participants for their cooperation. The software modification to change the pass in SCUC where external transactions are evaluated was implemented on August 4th for the August 5th DAM.

FERC Bid Cap Order: Three items covered by FERC's bid cap order have software implications:

- Sink Price Cap Bids (SPCB): The order addressees in terms that SPCBs do not set LBMP and do not need to be capped. SPCBs can set LBMP in the HAM, however. The NYISO is removing the SPCBs cap in BME, and leaving the SPCB in the DAM capped. The SPCB can set the LBMP in the DAM in the bid load pass of SCUC if load is overbid and there is not enough capacity (generation & reserves). It was also clarified that this will not affect the previous “must run fix” to permit export transactions to proceed.
- Pro rata cuts: Software changes, which will require time to put in place, are needed to implement proportional cuts. The NYISO will use ISPlus to implement proportional cuts when time permits. The NYISO is discussing potential alternative to pro rata cuts with the S&PWG, which may result in going back to the FERC for tariff changes. Marjorie Philips expressed concern that this process allows for an enormous amount of operator discretion, which should be subject to market participant audit. Specifically, there should be accountability for how the decisions are made and a way for market participants to look into any patterns of discrimination in cuts. Mr. King said he would see what kind of data could be provided regarding cuts while not compromising confidentiality and not hampering operators in real time.
- The handling of block loaded units: It will take significant software changes to comply with the FERC order. The NYISO has begun the process for making the required changes, but is also looking for any potential unintended consequences that could hamper operation of the market, e.g. poor price signals. If such problems are identified, the NYISO will request rehearing on this issue.

4. Tariff Change: Rate Schedule 1

Andy Ragona described the NYISO’s cash flow problems arising from the current billing schedule for Schedule 1 charges. The NYISO Staff and Board believe that changing the Schedule 1 billing to collect the variable components, e.g. uplift, in the current month while continuing the current method of billing the fixed components. The Billing and Accounting Working Group and the BIC reviewed this issue and concurred. The motion previously passed by the BIC to adopt these Schedule 1 billing changes was presented to the MC:

Motion:

The NYISO tariff will be modified such that the non-fixed rate R.S. 1 expenses such as bid production cost guarantee, real-time congestion, and other non-fixed R.S.1. expenses as defined in the NYISO tariff (not including collection of bad debt or working capital) would be charged to the customers through a variable R.S. 1 component. The variable expenses would be calculated by the NYISO billing software on a daily or hourly basis as appropriate, be reported each day in the preliminary NYISO customer statement, and be charged appropriately to the customers subject to Schedule 1 charges in the month-end invoice. Rebills will be consistent with the motion.

The MC approved the motion without opposition on a voice vote.

Mr. Ragona also provided the NYISO's schedule for rebills and true-ups. Rebills are corrections to bills already issued, while true-ups are reconciliations to meter readings that adjust allocations among LSEs. Mr. Ragona indicated that the rebills would be consistent with the revised Schedule 1.

5. MC Nominating Committee

Gina Fedele distributed a description of the process contained in the MC By-laws for electing a new Vice-Chairperson. The first step requires formation of the MC's Nominating Committee. Sectors were requested to re-designate existing representatives or provide new representatives to the MC Secretary by August 25th.

6. Interim Allocation of TCCs for Transmission Expansion

Jim Parmelee, representing LIPA, presented a motion to extend the existing temporary TCCs for the upgraded New England to Long Island transmission tie through the Winter 2000-2001 capability period.

Motion:

LIPA moves that:

The Management Committee extend the provisions of the March 9, 2000 motion to over the Winter 2000– 2001 capability period.

Following a roll call vote, the motion was approved with a vote of 100% in favor.

7. Lunch and Sector Caucuses

The meeting recessed at 12:35 for lunch and sector caucus. The meeting reconvened at 1:35.

8. MMU Price Screen Presentation

Andrew Hartshorn from Navigant Consulting made a presentation describing the price screening and verification process used for the day-ahead and real-time markets. The presentation explained: the process of price replication, equilibrium conditions that must exist for the dispatch and price calculations to be accurate; the SCUC screens used; and the SCD screens used.

9. NYISO Project Management Process

Tony Elacqua reported on the status of the following five major issue areas, including addressing market participant questions:

- Off dispatch units, including the resolution of remaining PURPA issues and compliance with FERC orders;

- Market close and post times;
- GT modeling improvements, including the breaking up of existing GT blocks into individual units, SCD modifications to allow separate startup bids for GTs and the two-step energy bid model;
- Transmission bidding; and
- Pumping as reserves.

10. Reserves Working Group Progress Report

John Reese reported that a small group had been working on the details for reserve market changes. The full Reserves working Group had not met in four weeks, but was scheduled to meet on August 9th. The Gilboa issues were just about done. Clarification is required on bilateral and financial agreements to address the self-supply issue. The small group is recommending further cost/benefit study on use of transmission from West to East for reserves. The NYISO staff is continuing its analysis of mitigation. The group is on track for meeting the September 1st reporting requirement, but may not have any tariff changes to recommend.

11. Roles & Responsibilities of Board, Committees and Staff – Status Report

Paul Gioia reported that the committee discussed a draft statement, but no agreement had been reached. Ira Freilicher is preparing a new draft. Mr. Gioia indicated the committee would either have a document to the MC in September or report that agreement cannot be reached.

12. Liaison Subcommittee Report

The Liaison Committee had made three requests of the Board. It has been agreed to have a second annual meeting (i.e. a bi-annual meeting) in October or November. The Board's agenda will be provided for the Liaison Committee's preview. The Board, however, decided it could not logistically accommodate a change in the schedule for the Liaison Committee meeting.

13. New Business

Marty Amati reviewed the first two meetings of the Budget, Standards, and Performance Subcommittee. Ms. Janet Audunson of Orion Power NY has been appointed Vice Chairperson. They have established and distributed to the MC a schedule for developing their input to the Year 2001 capital and operating budgets. The goal is to provide input to the NYISO business planning process – both budget and goals & objectives, not to prioritize projects. The MC was also provided with the Committee's recommended Year 2001 NYISO goals and objectives. Comments are their list are to be sent to Gina Fedele by August 8th.

Howard Fromer reported that the Other Suppliers sector had discussed the Broad ordered transmission study and the day-ahead regional market RFP. They were seeking a sense of the

MC resolution that the RFP and transmission study contracts not be awarded until the market participants have an opportunity to review and comment on them. Ira Freilicher explained the NYISO's concerns with taking such actions. After discussion, Harvey Reed suggested the issue be put on the agenda for the August 25th special meeting of the MC. Mr. Fromer agreed and withdrew his motion.

14. Adjournment

The meeting was adjourned at 3:12 PM.

Record of Motions
 NYISO Management Committee Meeting
 August 4, 2000

Date/Number	Motion	Voting Results	Status
08-04-00-01	<p>BIC Recommendation Regarding Rate Schedule 1: The NYISO tariff will be modified such that the non-fixed rate R.S. 1 expenses such as bid production cost guarantee, real-time congestion, and other non-fixed R.S.1. expenses as defined in the NYISO tariff (not including collection of bad debt or working capital) would be charged to the customers through a variable R.S. 1 component. The variable expenses would be calculated by the NYISO billing software on a daily or hourly basis as appropriate, be reported each day in the preliminary NYISO customer statement, and be charged appropriately to the customers subject to Schedule 1 charges in the month-end invoice. Rebills will be consistent with the motion.</p>	100% Approved by show of hands	Passed
08-04-00-02	<p>LIPA Motion To Extend Temporary TCCs to the Winter Capability Period: The Management Committee extend the provisions of the March 9, 2000 motion to cover the Winter 2000 - 2001 capability period.</p>	100% Approved	Passed

New York Independent System Operator - Committee Membership

Management Committee - August 4, 2000 Meeting in NYC - Members Checked in Attendance

Organization	Sector	Representative	Proxy	Alternate1	Alternate2	Alternate3	Alternate4	Guest
NYS Energy Research & Develop. Auth. The City of New York	End Use - Gov. Agency/Aggr. End Use - Gov. Agency/Aggr.	Peter Smith Jay Kooper	Jonathan Wallach	✓ Charles Kowalski ✓ Richard Miller	Jeffrey Gerber			
Amerada Hess Corporation	End Use - Large Consumers	John Schultz		✓ Mark Wilson				✓ Greg Sticka
ATCO Management Co.	End Use - Large Consumers	Peter DiCapua		Scott Petersen				
IBM Corporation	End Use - Large Consumers	Leonard Singer		✓ Jim King				
Occidental Chemical Corp.	End Use - Large Consumers	Leonard Singer		✓ Jim King				
Praxair Inc.	End Use - Large Consumers	Leonard Singer		✓ Jim King				
Reynolds Metals Company	End Use - Large Consumers	Leonard Singer		✓ Jim King				
Xerox Corporation	End Use - Large Consumers	Leonard Singer		✓ Jim King				
Metropolitan Transportation Authority	End Use - Large Cons. Gov.	✓ Robin Stevens		Walter McCarroll	Ken Lewaine			
Aaron Breidenbaugh	End Use - Small Consumers	✓ Aaron Breidenbaugh						
Association for Energy Affordability, Inc.	End Use - Small Consumers	David Hepinstall		Mollie Lampi				
Building and Realty Institute	End Use - Small Consumers	✓ Herb Rose		Jeff Hanley				
Citizens Advisory Panel	End Use - Small Consumers	Gordian Raacke						
CNYC Inc. (Council of NY Coop & Condo	End Use - Small Consumers	✓ Herb Rose		MaryAnn Rothman				
New York Energy Buyers Forum	End Use - Small Consumers	Catherine Luthin		✓ Arthur Pearson				
NY State Consumer Protection Board	End Use - State Agency	Tariq Niazi	✓ Charles Kowalski					
AES NY	Generation Owners	✓ Christopher Wentlen		Rick Santoroski				
CH Resources	Generation Owners	Gary Thom		Gary Miller	Diane Seitz			
East Coast Power	Generation Owners	Gary Keevill		Asavari Alvarez				
Edison Mission Marketing & Trading	Generation Owners	Kenneth Lackey		LouAnn Basham	Tom Green	Don Vawter	✓ Robert Agnello	
Indeck Energy Services	Generation Owners	Mike Janczak		Mike Ferguson	Mark Younger			
KeySpan Ravenswood, Inc	Generation Owners	Howard Kosel		James Brennan	✓ Dick Ackerson			
NRG Energy	Generation Owners	✓ Paul Savage		Mark Dworkin	Nancy Jones			
Orion Power New York	Generation Owners	Mark Sudbey		✓ Janet Audunson				✓ John Reese
PG&E Generating	Generation Owners	Daniel DuBois		Scott Miller	✓ Steve McDonald			
Public Service Electric & Gas Company	Generation Owners	✓ James Hebson		Michael LaFalce				
Sithe Energies, Inc.	Generation Owners	Scott Weiner		✓ Timothy Bush	✓ Garry Brown			✓ C. Murphy/D. Applebaum
Southern Energy of NY	Generation Owners	✓ Joe Holtman		Mark Petro	✓ Doreen Saia			
TransCanada Power Marketing	Generation Owners	William Taylor		Elaine Beaudry				
NYS Department of Public Service	Non-voting	Saul Rigberg		✓ Joel Brainard				
1st Rochdale Cooperative NYC	Other Suppliers	✓ Phyllis Kessler		Gregory Wortham				
Advantage Energy, Inc.	Other Suppliers	Kyle Storie						
Aquila Energy Marketing Corp.	Other Suppliers	Jason Stever		Peter Brown	David Wiesner	✓ Pamela VanHorn		
Automated Power Exchange (APX)	Other Suppliers	Jim Verna						
Cinergy Capital and Trading	Other Suppliers	Walt Yeager		Jan Bagnall				
Cinergy Services	Other Suppliers	Walt Yeager		Jan Bagnall				
Citizens Power Sales LLC	Other Suppliers	William Roberts		Alan Foster				
Con Edison Energy	Other Suppliers	Ken Bekman		Ivan Kimball				
Con Edison Solutions	Other Suppliers	Ken Bekman		✓ Stephen Wemple				
Constellation Power Source	Other Suppliers	✓ Harvey Reed		David Taylor				
Dynegy	Other Suppliers	✓ Chad Wagner						
Econnergy	Other Suppliers	Gary Bondi		Saul Horowitz	Jonathan Gewirtz	Usher Fogel		
Energetix, Inc.	Other Suppliers	Byron Farnsworth						
Enron Power Marketing Inc.	Other Suppliers	✓ Howard Fromer						
HQ Energy Services	Other Suppliers	Matthew LaRocque	✓ Paul Norris	Johane Meagher				✓ Joel F. Zipp
KeySpan Energy Services	Other Suppliers	✓ Ronald Lukas		Ruben Brown	Peter Chamberlain	John Smith		
Merchant Energy Group of the Americas	Other Suppliers	Joseph Limone		John Carmody				
Morgan Stanley Capital Group	Other Suppliers	Patrick Murray		Karen Kochonies				
New Energy Inc.	Other Suppliers	Peter Duprey		Stephen Fernands				✓ Dan Griffiths
Niagara Mohawk Energy Marketing	Other Suppliers	Jim Cifaratta		Sam Moreton				
NU / Select Energy	Other Suppliers	Gunnar Jorgensen		✓ James Scheiderich				
Ontario Power Generation Inc.	Other Suppliers	✓ Barry Green		Tasos Karatsoreos	Ken Lacivita			
PECO Energy Company	Other Suppliers	✓ Marjorie Philips		Regina Carrado	Jack Crowley	Jeffrey Guistwhite		
PP&L Energy Plus	Other Suppliers	✓ John Brodbeck		Glen McCartney	Roger Dolan	Garrett Kirkner		
PP&L Inc.	Other Suppliers	Garrett Kirkner						
PSEG Energy Technologies Inc.	Other Suppliers	Patricia Esposito		Ken Lempicki				
Sempra Energy Trading	Other Suppliers	Bill Winget		Dana Volpe	✓ Russel Like			
Southern Company Energy Marketing	Other Suppliers	Marty Matijasich		Vicki Lynch				
Strategic Energy Ltd.	Other Suppliers	John Molinda		✓ Jace Cochrane	James McCormick	Lara Prachar		
Strategic Power Management, Inc.	Other Suppliers	Dan Duthie		✓ Mario DiValentino				
TransEnergie U.S. Ltd.	Other Suppliers	José Rotger						
Long Island Power Authority	Public Power - Authorities	Seth Hulkower		✓ Jim Parmelee	Alan Elberfield			
New York Power Authority	Public Power - Authorities	✓ Robert Hiney		William Palazzo	Kim Byham			
Adirondack Council	Public Power - Environmental			Bernard Melewski	Larry DeWitt			
Environmental Advocates	Public Power - Environmental	Jason Babbie						
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	Cara Lee						
Sierra Club - Atlantic Chapter	Public Power - Environmental	Frank Morris		John Stouffer				
Bath Electric, Gas & Water Systems	Public Power - Munis & Co-ops	Neil Wrinkle	✓ Tom Rudebusch	✓ Paul Pallas	Jim Hamilton	Cliff Engstrom	✓ Ken Moore	
City of Jamestown Board of Pub. Util.	Public Power - Munis & Co-ops	✓ Michael Darroch		Wally Haase	✓ Tom Rudebusch			
Town of Massena	Public Power - Munis & Co-ops	Cliff Engstrom	✓ Tom Rudebusch	✓ Paul Pallas	Jim Hamilton	Neil Wrinkle	✓ Ken Moore	
Village of Fairport	Public Power - Munis & Co-ops	✓ Paul Pallas		✓ Tom Rudebusch	✓ Ken Moore			
Village of Freeport	Public Power - Munis & Co-ops	Hubert Bianco		✓ Robert Kortright				
Village of Rockville Centre	Public Power - Munis & Co-ops	✓ Paul Pallas	✓ Tom Rudebusch	Jim Hamilton	Cliff Engstrom	✓ Ken Moore	Neil Wrinkle	
Village of Westfield	Public Power - Munis & Co-ops	Jim Hamilton	✓ Tom Rudebusch	✓ Paul Pallas	Neil Wrinkle	Cliff Engstrom	✓ Ken Moore	
Central Hudson Gas & Electric	Transmission Owners	Ronald Brand		Carl Meyer				
Consolidated Edison	Transmission Owners	✓ Lou Rana						
Niagara Mohawk Power Company	Transmission Owners	Clement Nadeau		Jerry Ancona	✓ Martin Amati			✓ B. Jaeger/Robert Sayer
NY State Electric Gas (NYSEG)	Transmission Owners	Denis Wickham	David Kimiecik(BIC)	Raymond Kinney	✓ Hank Masti			
Orange & Rockland, Inc.	Transmission Owners	Phil Nannery						
Rochester Gas & Electric Co.	Transmission Owners	✓ Clifton Olson		Laurie King-Pirchner				
Caithness Energy, L.L.C	End Use - Small Consumers	Daniel McBrearty		✓ Jack Feinstein				
New Member	Non-voting							
New Member	Non-voting							
New Member	Non-voting							
New Member	Non-voting							
New Member	Non-voting							

New York Independent System Operator - Committee Membership

Management Committee - August 4, 2000 Meeting in NYC - Members Checked in Attendance

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NYISO and Hunton & Williams Members in Attendance:

✓ Ira Freilicher	Hunton & Williams
✓ Gina Fedele	Hunton & Williams
✓ James Schmidt	Hunton & Williams
✓ Rob Fernandez	NYISO
✓ Steve Balsler	NYISO
✓ Chuck King	NYISO
✓ Jonathan Mayo	NYISO
✓ Bill Museler	NYISO
✓ Leigh Bullock	NYISO
✓ Ray Stalter	NYISO
✓ Tony Elacqua	NYISO
✓ Andy Ragogna	NYISO
✓ Andy Hartshorn	Navigant

Key:

- ✓ = In attendance
- ✓ = In attendance by teleconferencing

New York Independent System Operator

Management Committee - August 4, 2000

Motion: LIPA moves that: The Management Committee extend the provisions of the March 9, 2000 motion to cover the Winter 2000 - 2001 capability period.

Result: Motion Passed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against
Generation Owners	21.5	✓	✓	21.50	7.00	0.00	2	21.50	0.00
Other Suppliers	21.5	✓	✓	21.50	4.00	0.00	9	21.50	0.00
Transmission Owners	20.0	✓	✓	20.00	4.00	0.00	0	20.00	0.00
End Use Consumers			✓						
Large Consumers	9.0	✓		9.00	5.00	0.00	1	9.00	0.00
Large Cons. Gov. Agency	2.0	✓		2.00	1.00	0.00	0	2.00	0.00
Small Consumers	4.5	✓		4.50	3.00	0.00	1	4.50	0.00
Gov. State-wide Cons. Advocate	2.7	✓		2.70	1.00	0.00	0	2.70	0.00
Gov. Sm. Cons. & Retail Aggr.	1.8	✓		1.80	2.00	0.00	0	1.80	0.00
Public Power			✓						
State Power Authorities	8	✓		9.07	2.00	0.00	0	9.07	0.00
Munis and Coops	7	✓		7.93	6.00	0.00	1	7.93	0.00
Environmental	2	✓		0.00	0.00	0.00	0	0.00	0.00
			5	100.00	35.00	0.00	14	100.00	0.00
				100.00	Normalized to 100% :			100.00	0.00

New York Independent System Operator

Management Committee - August 4, 2000

Motion

LIPA moves that: The Management Committee extend the provisions of the March 9, 2000 motion to cover the Winter 2000 - 2001 capability period.

Sector	Organization	Representative	Affiliate	Present	For	Against
End Use - Gov. Agency/Aggr.	NYS Energy Research & Develop. Auth.	Charles Kowalski		y	1.00	
End Use - Gov. Agency/Aggr.	The City of New York	Richard Miller		y	1.00	
End Use - Large Consumers	Amerada Hess Corporation	Mark Wilson		y		
End Use - Large Consumers	ATCO Management Co.					
End Use - Large Consumers	IBM Corporation	Jim King		y	1.00	
End Use - Large Consumers	Occidental Chemical Corp.	Jim King		y	1.00	
End Use - Large Consumers	Praxair Inc.	Jim King		y	1.00	
End Use - Large Consumers	Reynolds Metals Company	Jim King		y	1.00	
End Use - Large Consumers	Xerox Corporation	Jim King		y	1.00	
End Use - Large Cons. Gov.	Metropolitan Transportation Authority	Robin Stevens		y	1.00	
End Use - Small Consumers	Aaron Breidenbaugh	Aaron Breidenbaugh	y	y		
End Use - Small Consumers	Association for Energy Affordability, Inc.					
End Use - Small Consumers	Building and Realty Institute	Herb Rose		y	1.00	
End Use - Small Consumers	Citizens Advisory Panel					
End Use - Small Consumers	CNYC Inc. (Council of NY Coop & Condo)	Herb Rose		y	1.00	
End Use - Small Consumers	New York Energy Buyers Forum	Arthur Pearson		y	1.00	
End Use - State Agency	NY State Consumer Protection Board	Charles Kowalski		y	1.00	
Generation Owners	AES NY	Christopher Wentlent		y	1.00	
Generation Owners	CH Resources		y			
Generation Owners	East Coast Power		y			
Generation Owners	Edison Mission Marketing & Trading	Robert Agnello		y	1.00	
Generation Owners	Indeck Energy Services					
Generation Owners	KeySpan Ravenswood, Inc	Dick Ackerson		y	1.00	
Generation Owners	NRG Energy	Paul Savage		y	1.00	
Generation Owners	Orion Power New York	Janet Audunson		y		
Generation Owners	PG&E Generating	Steve McDonald		y	1.00	
Generation Owners	Public Service Electric & Gas Company	James Hebson		y	1.00	
Generation Owners	Sithe Energies, Inc.	Timothy Bush		y	1.00	
Generation Owners	Southern Energy of NY	Joe Holtman		y		
Generation Owners	TransCanada Power Marketing					
Non-voting	NYS Department of Public Service	Joel Brainard	y	y		
Other Suppliers	1st Rochdale Cooperative NYC	Phyllis Kessler		y		
Other Suppliers	Advantage Energy, Inc.					
Other Suppliers	Aquila Energy Marketing Corp.	Pamela VanHorn		y	1.00	
Other Suppliers	Automated Power Exchange (APX)					
Other Suppliers	Cinergy Capital and Trading		y			
Other Suppliers	Cinergy Services					
Other Suppliers	Citizens Power Sales LLC					
Other Suppliers	Con Edison Energy		y			
Other Suppliers	Con Edison Solutions	Stephen Wemple	y	y		
Other Suppliers	Constellation Power Source	Harvey Reed		y		
Other Suppliers	Dynegy	Chad Wagner		y		
Other Suppliers	Econergy					
Other Suppliers	Energetix, Inc.		y			
Other Suppliers	Enron Power Marketing Inc.	Howard Fromer		y	1.00	
Other Suppliers	HQ Energy Services	Paul Norris		y	1.00	
Other Suppliers	KeySpan Energy Services	Ronald Lukas	y	y		
Other Suppliers	Merchant Energy Group of the Americas					
Other Suppliers	Morgan Stanley Capital Group					
Other Suppliers	New Energy Inc.		y			
Other Suppliers	Niagara Mohawk Energy Marketing		y			
Other Suppliers	NU / Select Energy	James Scheiderich		y		
Other Suppliers	Ontario Power Generation Inc.	Barry Green		y		
Other Suppliers	PECO Energy Company	Marjorie Philips		y		
Other Suppliers	PP&L Energy Plus	John Brodbeck		y		
Other Suppliers	PP&L Inc.		y			
Other Suppliers	PSEG Energy Technologies Inc.					
Other Suppliers	Sempra Energy Trading	Russel Like		y		
Other Suppliers	Southern Company Energy Marketing		y			
Other Suppliers	Strategic Energy Ltd.	Jace Cochrane		y	1.00	
Other Suppliers	Strategic Power Management, Inc.	Mario DiValentino		y		
Other Suppliers	TransEnergie U.S. Ltd.		y			
Public Power - Authorities	Long Island Power Authority	Jim Parmelee		y	1.00	
Public Power - Authorities	New York Power Authority	Robert Hiney		y	1.00	
Public Power - Environmental	Adirondack Council					
Public Power - Environmental	Environmental Advocates					
Public Power - Environmental	Nat'l Resources Defense Council					
Public Power - Environmental	Pace University					
Public Power - Environmental	Scenic Hudson					
Public Power - Environmental	Sierra Club - Atlantic Chapter					
Public Power - Munis & Co-ops	Bath Electric, Gas & Water Systems	Paul Pallas		y	1.00	
Public Power - Munis & Co-ops	City of Jamestown Board of Pub. Util.	Michael Darroch		y		
Public Power - Munis & Co-ops	Town of Massena	Paul Pallas		y	1.00	
Public Power - Munis & Co-ops	Village of Fairport	Paul Pallas		y	1.00	
Public Power - Munis & Co-ops	Village of Freeport	Robert Kortright		y	1.00	
Public Power - Munis & Co-ops	Village of Rockville Centre	Paul Pallas		y	1.00	
Public Power - Munis & Co-ops	Village of Westfield	Paul Pallas		y	1.00	
Transmission Owners	Central Hudson Gas & Electric					
Transmission Owners	Consolidated Edison	Lou Rana		y	1.00	
Transmission Owners	Niagara Mohawk Power Company	Martin Amati		y	1.00	
Transmission Owners	NY State Electric Gas (NYSEG)	Hank Masti		y	1.00	
Transmission Owners	Orange & Rockland, Inc.		y			
Transmission Owners	Rochester Gas & Electric Co.	Clifton Olson		y	1.00	
End Use - Small Consumers	Caithness Energy, L.L.C	Jack Feinstein		y		