

## **NYISO Business Issues Committee Meeting Minutes**

July 11, 2007

New York Independent System Operator

10 Krey Boulevard

Rensselaer, NY

### **1. Welcome and Chairman's Report:**

Mr. Bill Palazzo (NYPA), Chairman of the Business Issues Committee (BIC), called the meeting to order at 10:03 a.m. and welcomed the members of BIC.

### **2. Approval of minutes for June 6, 2007**

Mr. Frank Francis (NYISO) offered the minutes for approval.

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

Motion to approve the Minutes of the June 6, 2007 BIC meeting.

*(The motion passed unanimously by show of hands)*

### **3. Market Operations Report**

Rana Mukerji (NYISO) reviewed the market performance highlights for June 2007. The highlights were part of the Market Operations Report, included in the BIC meeting materials folder.

Dr. Nicole Bouchez (NYISO) made a short presentation on uplift, discussing OATT Schedule 1 components. She indicated that the residuals from the balancing market come in and out (high volatility) driven by the congestion residuals. She said that last month's slightly higher uplift came from several groups of days. Compared to peak days last year, this year is below that.

Bruce Bleiweis (DC Energy) said many of the questions posed in June were about a dozen days in May that, for that period, seemed to be higher than normal.

Dr. Bouchez said that is just part of the normal variation. There were system events that contributed to that. She said the early part of June was more anomalous than the early part of May. She said June didn't result in a lot of thunderstorm alerts.

### **4. Regional Market Enhancements**

Mr. Mukerji (NYISO) reviewed the Northeast Seams Report for the BIC, which was included in the meeting materials folder.

Stuart Nachmias (ConEd) commented that it might be useful to have a meeting of the IPSAC prior to a compliance filing date for FERC Order 890. A meeting in August or early September is needed.

Mr. Mukerji said he was not aware of an IPSAC meeting date. He said he would check on it as an Action Item and report back at the August BIC meeting.

## **5. Proposed Changes to VSS Rate Schedule 2 of the NYISO Market Services Tariff**

Carl Patka (NYISO) made the presentation. Mr. Patka stated that the proposed revisions are clean-up changes for the Voltage Support Service (VSS) provisions in Services Tariff Rate Schedule 2. The language was left over from mandatory power purchase agreements between non utility generators, qualifying facilities and Transmission Owners under federal and state law. Removing the outdated language will clean up the services tariff and help avoid confusion.

Mr. Nachmias asked that the motion be amended to add the wording “The BIC recommends that the Management Committee approve” the changes. The amendment was accepted without a vote.

### **Motion #2:**

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee approve the revisions to VSS Rate Schedule 2 of the NYISO Market Services Tariff, as discussed at the Market Issues Working Group on June 25, 2007, and as presented to the BIC on July 11, 2007.

*(The motion passed unanimously by show of hands with abstentions)*

## **6. Working Group Updates**

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

Dave Hall (NYSEG/RGE) submitted a summary of the BAWG’s activities and highlighted it for the BIC. The BAWG will next meet on July 19.

Dr. Kevin Jones (LIPA) commented on the 3<sup>rd</sup> Party Dispute Resolution Process discussed by Mr. Hall in the BAWG report. He said he didn’t know what the issues were that are causing a delay in moving forward. This was a critical piece for LIPA in agreeing to support this and the NYISO had committed to move this forward. He said it should be placed on the August BIC meeting agenda.

### **B. Electric System Planning (Joint OC/BIC WG)**

Tariq Niazi (NYS Consumer Protection Board) reported on the ESPWG’s July 9 meeting. The 2007 CRP draft and FERC Order 890 were discussed at the meeting.

Mr. Nachmias asked if Market Participants still had 10 days to appeal the Management Committee’s approval of the CRP. It seemed strange that the Board of Directors would approve the CRP the next day.

Mr. Patka said if the MP appeal time period is not expired before the Board approves the CRP, the Board will approve the CRP pending the expiration of the appeal period. The approval becomes final when the approval time period expires. The NYISO will not release the document as final – with a press release until the final approval is in place.

### **C. ICAP Working Group (ICAPWG)**

Mr. Glenn Haake (IPPNY) reported; he reviewed ICAPWG meetings on June 22 and June 29.

#### **D. Interconnection Issues Task Force (IITF)**

Mr. Haake provided an update of IITF activity. The IITF will meet next on July 20. He said the IITF addressed the principals of how a deliverability requirement will be applied. The actual test of how deliverability is measured was not addressed and will have to be revisited. There is a feeling that something needs to be submitted to FERC soon.

Mr. Mukerji talked about the TO compromise proposal with the Board of Directors; the NYISO staff had suggested revisions. The compromise proposal plus the NYISO suggestions will be the basis of an agreement in principal. The idea of any kind of cap on deliverability payments was dropped.

Howard Fromer (PSEG) asked if that means the Board expressed agreement with applicability of deliverability for the 2007 Class Year.

Mr. Mukerji said the Board hasn't given its approval or disapproval. It appears there is an agreement in principal that is emerging.

#### **E. Resource Adequacy Issues Task Force (RAITF)**

Mr. Haake reported on the June 13 meeting.

Ray Kinney (NYSEG/RG&E) said the upshot of the Upstate/Downstate study is that the improvements made in modeling and going to a new methodology has resulted in what appears to be a balancing of risk—between upstate and downstate.

Mr. Haake said that this is an analysis that should be done each year.

#### **F. Market Issues Working Group (MIWG)**

Mr. Norman Mah (ConEd) reported on MIWG meetings on June 25 and July 10.

#### **7. Proposed Changes to Section 4.12 of the ICAP Manual**

Mr. David Lawrence (NYISO) made the presentation, which was included in the BIC meeting materials.

Mark Younger (Slater Consulting) said he wanted to understand the position of his colleague. He said it sounded like changes aren't needed to make changes to require data reporting. That change could be made and incorporated in the manual; one or the other needs to be done. It should be stated explicitly in the manual.

Bob Loughney (Multiple Interveners) said the information available is an energy payment, but the extra two hours cannot be used for degrading purposes.

Mr. Lawrence said the NYISO asked for and received comments from a number of people on the issue. On balance, with the number of people registered and the potential reduction in SCRS, the NYISO felt that it was sufficient to continue with the four-hour requirement instead of all hours.

Mr. Fromer said there is a provision in the manual that requires a report for six hours; the best four hours can be used from that report. He asked what the consequences are of failing to report.

Mr. Lawrence said there are no provisions for penalizing someone for not reporting data. There are many reasons for getting the information to us, so there is no reason to penalize anyone.

Mr. Aaron Breidenbauugh (EnerNOC) supported the implementation of an automated IBCS to allow the data to flow more rapidly. He said he would like to deal with all those issues – the aggregation and IBCS issues – together. There is still more work to be done to address Mr. Younger’s concerns and issues related to aggregation.

Mr. Bill Scofield (Price Response Load Coalition) said his clients are concerned that a package of changes needs to be considered, including aggregation and a netting of performance metrics. These should be grouped with other issues in a package. He said he would not support this change at this time.

**Motion #3:**

The Business Issues Committee (“BIC”) hereby approves revisions to Section 4.12 of the ICAP Manual, as discussed at the ICAP Working Group on June 22, 2007 and as presented to the BIC on July 11, 2007, and the conforming changes to Attachment J of the ICAP Manual as presented to the BIC on July 11, 2007. *(The motion passed by majority show of hands with abstentions)*

**8. Proposed Changes to Attachment D of the ICAP Manual**

Mr. John Charlton (NYISO) made the presentation, which was included in the BIC meeting materials. These are administrative changes and clarifications to Attachment D.

Mr. Charlton pulled the motion after Mr. Nachmias pointed out that a sentence intended as a proposed change to Attachment D was not redlined, and therefore not noted as a change. Mr. Nachmias was concerned that there may be other changes that were not previously pointed out (redlined) to Market Participants.

Mr. Charlton said the motion will be brought back to BIC next month.

**9. Demand Side Ancillary Services Project Update**

Robert Pike (NYISO) made the presentation, which was included in the BIC meeting materials. He updated the BIC on discussions at the PRL and MIWG. He discussed metering requirements, reliability standards, coordination with other programs, and next steps. Mr. Pike said there is a Technical Bulletin that describes the testing obligations that generators have. These resources will have the same obligations.

Harvey Happ (NYSDPS) said it was unclear what “synchronous” meant in Mr. Pike’s presentation and asked for a clarification.

Mr. Pike said it meant that they are eligible to meet the synchronous reserve requirements of the NYISO. Those requirements are spelled out as one-half of

the largest contingency statewide and half of that located east of Center East in the eastern zone. He said he will provide an update to BIC at its August meeting.

#### **10. Load Forecast Manual Update**

Arthur Maniaci (NYISO) made the presentation, which was included in the BIC meeting materials. He discussed proposed changes to the Load Forecast Manual and the schedule for approval and release of the updated Load Forecast Manual.

Mr. Fromer made a reference to point No. 3 in Mr. Maniaci's presentation. He asked if it was just a semantics issue of where in the multi-step process SCRs, EDRPs and other things are captured on system at the time, or if it is a proposal that would exclude these items from the calculation at any stage.

Mr. Maniaci said the LFTF is working on getting the language precise enough so it is clear. It was not clear enough last year in regard to what hours should be used to tag in zones J and K. The NYISO wants to be consistent with the language in the tariff and clarify definitions for the NYCA actual peak and adjusted peak.

Dr. Jones asked why the ICAPWG was not involved in this process. He asked why this topic is at the BIC when it hasn't gone to the ICAPWG.

Mr. Maniaci said the LFTF developed the changes. The ICAPWG doesn't necessarily approve or disapprove the changes.

Dr. Jones said this is the first time he's seen the changes. He said he understood the process to be that anything from the LFTF goes to the ICAPWG before coming to the BIC. He said it was peculiar that the issue was brought to the BIC for discussion and not the ICAPWG.

Mr. Francis said that Dr. Jones' request was appropriate. The LFTF will work out the details and it will be taken to the ICAPWG before returning to the BIC. The issue was an update for the BIC.

Mr. Maniaci said the NYISO will plan to seek approval for the changes at the Aug. 8 BIC.

#### **11. Administrative Matters**

Mr. Nachmias spoke regarding changes to the Ancillary Services Manual. He asked why the VSS test data submission deadline was extended from five to 10 days. He said he was told that the NYISO "had no idea" where the 10-day deadline came from. He was concerned that the change – which wasn't harmful – was made by the BIC without knowing why the change needed to be made. There should be a clear reason why a change needs to be made when proposals are brought to the BIC for action.

Kathy Whitaker (NYISO) reviewed notice sent out Monday, July 9 clarifying the requirement to submit VSS test results that are actual generator output within 10 business days. Since notice that went out in April was not clear, the NYISO is providing a grandfathered time period, allowing operating data from May 1 through July 9 to be submitted 10 business days after July 9 or until July 23. After

July 23, operating data must be submitted by 10 business days, from a selected operating day.

Mr. Fromer asked if there are consequences for failing to submit within the 10-day window.

Ms. Whitaker said the test results will be rejected. There will have to be a retest, or generators can choose an operating day and submit the test data within 10 business days.

Mr. Fromer said the solution does not make sense. He asked why the NYISO would impose a burden on having a generator to rerun a test when the problem isn't the validity of the test or the NYISO's ability to validate the data.

Ms. Whitaker said she would be willing to take this issue to the working group to discuss potential changes to the manual.  
Both the MIWG and SOAS must review Ancillary Services Manual changes.

**The meeting was adjourned at 1:25 p.m.**

Respectfully Submitted,  
Michael A. Lisi  
Recording BIC Secretary

**NYISO Business Issues Committee Meeting**

*July 11, 2007*

*NYISO*

**MOTIONS FROM THE MEETING**

**Motion #1:**

Motion to approve the Minutes of the June 6, 2007 BIC meeting.

*Motion passed unanimously by show of hands.*

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*Passed unanimously by show of hands with abstentions*

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*Motion passed by majority show of hands with abstentions.*

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

**Business Issues Committee - Attendance July 11, 2007 - Albany, NY - Parties Checked in Attendance**

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
Metropolitan Transportation Authority	End Use - Large Cons. Gov.	Jesse Samberg	Gary Caplan	Walter McCarroll					
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	Craig Wilson			
Alcoa/Reynolds Metals Company	End Use - Large Consumer	✓ Robert Loughney	Michael Mager	Cara Lewis					
Atco Properties & Management Inc.	End Use - Large Consumer	David Bomke	George Diamantopoulos						
IBM Corporation	End Use - Large Consumer	✓ Robert Loughney	Michael Mager	Cara Lewis					
Occidental Chemical Corp.	End Use - Large Consumer	✓ Robert Loughney	Michael Mager	Cara Lewis					
Praxair Inc.	End Use - Large Consumer	✓ Robert Loughney	Michael Mager	Cara Lewis					
Wegmans Food Markets	End Use - Large Consumer	✓ Robert Loughney	Michael Mager	Cara Lewis					
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			
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	David Bomke	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	✓ Dave Evanoski				
Astoria Energy LLC	Generation Owners	Joseph Swift	Leonard Singer	Chuck McCall					
Calpine	Generation Owners	Brett Kruse	Kris Zadlo	Brent Hebert					
East Coast Power Linden Holding LLC	Generation Owners	✓ Roy Shanker	Kurt Schreder	Kurt Schreder	Mark Mellana	Andy Keleman			
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	Patrick Doyle	P.J. Salterman	Charlie Turlinski	Tod Nash	Karen Dressel	Richard McMichael		
Indeck Energy Services	Generation Owners	Mike Ferguson	John Schrage	✓ Mark Younger					
Innovative Energy Systems Inc.	Generation Owners	Carol Muessigbrodt	Peter Zelif						
KeySpan Ravenswood, LLC	Generation Owners	Rich Hohlman	Joe Vignola	Jim Brennan	Jim D'Andrea	✓ Madison Milhous	Edwin Kichline		
Mirant New York, Inc.	Generation Owners	✓ Philip Smith	Vicki Lynch	Doreen Saia				✓ Kevin Lang	
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 Biittig	Steve Kampilla						
TransCanada Power Marketing	Generation Owners	William Taylor	Elaine Beaudry						
UPC Wind	Generation Owners	Steve Vavrik	Mike Jacobs						
AB Energy Inc.	Other Suppliers	Andrew Bachert							
Advantage Energy, Inc.	Other Suppliers	Mark Hess							
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 Solutions	Other Suppliers	Stephen Wemple	Rich Staines						
Conectiv	Other Suppliers	Robert Steele	Tony Gabrieli	Gloria Ogenyi					
Constellation Energy Commodities, Inc.	Other Suppliers	✓ Glen McCartney	Dan Allegretti	Tim Daniels					
Constellation New Energy Inc.	Other Suppliers	Michael Constantine							
Consumer Powerline	Other Suppliers	Vinay Gupta	Mike Gordon	Ray Stirbys	Chau Shen	Pamela Quinlin	Chelle Izzi		
Coral Power, LLC	Other Suppliers	Matt Picardi	Dave French						
Cross Sound Cable Co.	Other Suppliers	John Miller	Brian Reinhart	Bradley Railing	Jose Rotger				
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					
Energy Curtailment Specialists, Inc	Other Suppliers	Glen Smith	Stephen Lynch	✓ Marie Pieniasek	Robert Boyle				
Energy Spectrum	Other Suppliers	Gary David	Henry Hartstein	Aron Iskovitz	Ruben Brown	✓ Arthur Pearson			
EnerNoc	Other Suppliers	David Brewster	✓ Aaron Breidenbaugh						
Epic Merchant Energy NY, LP	Other Suppliers	Michael Kinsey	Robert Erbrick	Pierre Tournois	✓ Erik Abend	Gordon Scott	Wesley Anderson		
Exelon Generating Co. LLC	Other Suppliers	Denise Foster	Jack Crowley						
Fortistar/Lockport Energy Associates, L.P.	Other Suppliers	Roger Kelley	Tom Gesicki	✓ Mark Younger	✓ Glenn Haake				
FPL Energy	Other Suppliers	✓ David Applebaum	Fernando DaSilva	Ron Scheirer					
Galt Power	Other Suppliers	Rick Mancini	Stephen Fernands						✓ Bill Schofield
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			
Liberty Power Corp.	Other Suppliers	David Hernandez							
Morgan Stanley Capital Group	Other Suppliers	Patrick Murray	Karen Kochonies	Levon Kazarian	Doron Ezickson				
NRG Power Marketing	Other Suppliers	✓ Jim Mayhew	Lee Davis						



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Ontario Power Generation Inc.	Other Suppliers	Scott McArthur	Dave Barr	Ken Lacivita	Erica Cheung	Scott McArthur	✓ Glenn Haake		
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				
Sempra Energy Trading	Other Suppliers	Dan Staines	María 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					
TransÉnergie U.S. Ltd.	Other Suppliers	Michael Jacobs	Raymond Coxé						
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	Robert Gow	Paul Rougeaux	Kevin Kipers				
American Lung Association	Public Power - Environmental	Peter Iwanowicz	Christopher Young						
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						
Nat'l Resources Defense Council	Public Power - Environmental	Dale Bryk	Larry DeWitt						
Pace University	Public Power - Environmental	Christopher Young	Fred Zaleman						
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	Ken Moore	Tom Cardile	Matthew Benesh	Jim Hamilton	Paul Pallas	Jack Brown	✓ Tom Rudebusch	
Village of Solvay	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	✓ Ting Chan	Rick Greener				
Consolidated Edison	Transmission Owners	✓ Stuart Nachmias	Deidre Facendola	Gerald 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				
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						
Fluent Energy	Non-voting	Michael Mastroianni	David Koplak	Margie Miller					
Hudson River Energy Group	Non-voting	Frank Radigan	Richard Canfield						
Hydro-Quebec TransÉnergie	Non-voting	Glenn Sylvain							
NU / Select Energy	Non-voting		Gunnar Jorgensen						
NYS Department of Public Service	Non-voting	✓ Bill Heinrich	David Drexler						
The Structure Group	Non-voting	Bob Furry	Ishita Roy	Kevin Dunlap					
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	
DTE Energy	Non-voting	Gregory Pakela	Raymond Wieszczyk						
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  
 James Schmidt  
 Hunton & Williams  
 Hunton & Williams  
 Hunton & Williams

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Rob Fernandez	NYISO								
✓ Arthur Maniaci	NYISO								
✓ Robb Pike	NYISO								
✓ Frank Francis	NYISO								
✓ Rana Mukerji	NYISO								
✓ Micheal Lisi	NYISO								
✓ Jacquie Ponds	NYISO								
✓ Leigh Bullock	NYISO								
✓ Ray Stalter	NYISO								
✓ Debbie Eckels	NYISO								
✓ Dave Lawrence	NYISO								
✓ Joseph Williams	NYISO								
✓ Carl Patka	NYISO								
✓ John Charleton	NYISO								
Kathy Whitaker	NYISO								
John Cutting	NYISO								
Garry Brown	NYISO								
	NYISO								
	NYISO								
	NYISO								

**Key:**  
 ✓ = In attendance