## September 4, 2002

# **NYISO Business Issues Committee Meeting Minutes**

Special Meeting via Conference Call

## I. Welcome and Meeting Objectives

Mr. Stephen Wemple, Chairperson of the Business Issues Committee (BIC), began the teleconference at 10:05 A.M. and welcomed the members of the BIC. The participants announced themselves and named the companies that they represent.

Mr. Wemple reviewed the meeting's objective, to vote upon the "Proposal to Sell ICAP Based upon Summer DMNC Ratings."

# II. Proposal to Sell ICAP Based upon Summer DMNC Ratings

## NYISO's View of the Proposal

Mr. John Charlton, of the NYISO, presented the NYISO's views, (from a reliability and operating stance) concerning the matter of using Summer DMNCs year-round, to set the UCAP value of ICAP/UCAP Resources. Mr. Charlton noted that Summer DMNC based UCAP will allow a more optimal mix of base load, cycling, and quick start units in the Winter months (i.e. more peaking capacity) and at the same time more flexible and lenient outage scheduling. It will provide better coverage for weather anomalies such as the one experienced in April 2002. He also noted that since PJM already uses the Summer capability year-round this could bring about another Seams Issue.

#### Discussion

Committee member, Mr. Michael Cadwalader, of LECG, indicated that the DMNCs would be the same, regardless of whether or not the summer and winter DMNCs would be used. Mr. Mark Younger, of Slater Consulting, noted that the key difference in this proposal is having generators ready to run, if necessary. Mr. Charlton agreed on those points and mentioned that 1500MWs represents good power plants not committed.

Mr. James Scheiderich, of Select Energy, asked if we could implement a different solution with an ICAP curve. Mr. Charlton responded that it can't be implemented now and that the Demand curve issue will need to be brought back to the working group Monday.

Mr. James Scheiderich, wondered if the motion is meant to be a permanent or temporary change. Mr. Charlton said he envisioned it to be a permanent change but would accept it either way. He noted that the NYISO is continuing to operate as a power system (regardless of FERC's NOPR) until FERC indicates otherwise. In response, Mr. Cadwalader viewed this as a bad change even if it's temporary or permanent.

Mr. Scheiderich asked about the data that the NYISO provided on the clearing prices. Mr. Charlton assured him the actual clearing prices were factual and that the averaging was his attempt to show the difference between each capability period. Mr. Charlton stated that the demand is still the same year round, but doesn't understand why the prices change.

Mr. Roy Shanker, of El Paso, encouraged the Committee to view the proposal as a compromise, an interim step. However, Mr. Cadwalader indicated that the actual motion should clearly state a temporary or permanent view.

The committee voted against the following motion:

#### Motion #1:

It is hereby moved that the BIC supports the proposal as presented at the September 4th, 2002 BIC meeting to determine the amount of Installed Capacity used to calculate the Unforced Capacity that an entity's Resource is permitted to supply to the NYCA ICAP market based on that Resource's Summer DMNC rating for the Winter 2002 - 2003 Capability Period and recommends approval by the Management Committee.

(Motion failed with 41.10 % affirmative votes)

# XIV. Adjournment

Mr. Wemple adjourned the meeting at approximately 11:20 A.M.

Respectfully submitted, Valerie L. Ross Recording Secretary, Business Issues Committee

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September 4, 2002 Special Meeting Via Conference Call SUMMARY OF MOTIONS

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## **SUMMARY OF MOTIONS**

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(Motion failed with 41.10 % affirmative votes)

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

#### Business Issues Committee - Attendance September 4, 2002 - Conference Call Meeting - 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							
The City of New York	End Use - Gov. Agency/Aggr.	✓ Michael Delaney	Richard Miller	Scott Butler	Jonathan Wallach				
Alcoa/Reynolds Metals Company	End Use - Large Consumer	Robert Loughney	✓ Michael Mager	✓ Michael Mager					
ATCO Management Co.	End Use - Large Consumer	Peter DiCapua	Scott Petersen	✓ George Diamantopoulos					
IBM Corporation	End Use - Large Consumer	Robert Loughney	✓ Michael Mager	✓ Michael Mager					
Occidental Chemical Corp.	End Use - Large Consumer	Robert Loughney	✓ Michael Mager	✓ Michael Mager					
Praxair Inc.	End Use - Large Consumer	Christian Lenci	Robert Loughney	✓ Michael Mager					
Xerox Corporation	End Use - Large Consumer	Robert Loughney	✓ Michael Mager	✓ Michael Mager					
Metropolitan Transportation Authority	End Use - Large Cons. Gov.	Jesse Samberg	Gary Caplan	Walter McCarroll					
Association for Energy Affordability, Inc.	End Use - Small Consumer	David Hepinstall	Larry DeWitt						
Beth Israel Health Care System	End Use - Small Consumer	Catherine Luthin	✓ John Dowling	Jennifer Kearney	✓ Tariq Niazi	Doug Elfner			
Building and Realty Institute	End Use - Small Consumer	Herb Rose	Marjorie Ochrach	Ted Lee	Judith Mondre	✓ Tariq Niazi			
Caithness Energy, L.L.C	End Use - Small Consumer	None Assigned	Jack Feinstein						
Citizens Advisory Panel	End Use - Small Consumer	Gordian Raacke	Larry DeWitt						
CNYC Inc. (Council of NY Coop & Condo)	End Use - Small Consumer	Herb Rose	MaryAnn Rothman	Marjorie Ochrach	Ted Lee	Judith Mondre	✓ 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 Energy Buyers Forum	End Use - Small Consumer	Marjorie Ochroch	Ted Lee	David Bomke	✓ Tariq Niazi				
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			
Refined Sugars, Inc.	End Use - Small Consumer	John Gebhard	Quintin George	Catherine Luthin	✓ John Dowling	Jennifer Kearney			
NY State Consumer Protection Board	End Use - State Agency	✓ Tariq Niazi	Doug Elfner						
AES NY	Generation Owners	Doug Roll	Charles Sjoberg	✓ Christopher Wentlent					
American National Power, Inc.	Generation Owners	Dorothy Capra	Bill Henson						
Astoria Energy LLC	Generation Owners	William May	Leonard Singer						
Calpine	Generation Owners	John Eff	Thomas Kaslow	Richard Felak					
East Coast Power	Generation Owners	✓ Roy Shanker	Gary Keevill						
Edison Mission Marketing & Trading	Generation Owners	William Roberts	Robert Agnello	Jeffrey Ellis					
Entergy Nuclear Northeast	Generation Owners	Marc Potkin	William Stone	✓ Ron Mackowiak					
Indeck Energy Services	Generation Owners	Mike Ferguson	John Schrage	✓ Mark Younger					
KeySpan Ravenswood, Inc	Generation Owners	Rich Hohlman	Joseph Vignola	✓ Dick Ackerson	✓ James D'Andrea	Terrence Kain	Ron Lukas		
Mirant New York, Inc.	Generation Owners	Vicki Lynch	None Assigned	None Assigned	✓ Doreen Saia	Couch White			
NRG Energy	Generation Owners	Joe DeVito	✓ Frank Rapley	Paul Savage	Marc Dworkin	Ruben Brown	Peter Chamberlain	Chris Young	
Orion Power New York	Generation Owners	✓ John Reese	Bruce Bleiweis						
PG&E Generating	Generation Owners	✓ Steve McDonald	Jeff Simmons						
PSEG Energy Resources & Trade	Generation Owners	✓ Howard Fromer	Michael LaFalce	Bob Logan	Dennis Sobieski				
Sithe Energies, Inc.	Generation Owners	None Assigned	✓ Garry Brown	David Applebaum					✓ Glenn Haake
TransCanada Power Marketing	Generation Owners	William Taylor	Elaine Beaudry						
Aaron Breidenbaugh	Non-voting	Aaron Breidenbaugh							
Cianbro Corporation	Non-voting	Ed Krapels	Brian Chernack	Paul Flemming					
Hudson River Energy Group	Non-voting	Frank Radigan							
NYS Department of Public Service	Non-voting	Tom Dvorsky	✓ Bill Heinrich						
William P. Short	Non-voting	William Short	Marc Schaefer	Joe DeVito	John Brodbeck	Ron Matlock	Paul Savage	Roberto Denis	
1st Rochdale Cooperative NYC	Other Suppliers	Phyllis Kessler	Gregory Wortham	Andrea Mendez					
Advantage Energy, Inc.	Other Suppliers	Kyle Storie							
Amerada Hess Corporation	Other Suppliers	Kevin LaGuardia	Keith Mills						
American Electric Power (AEP) Srvc. Corp.	Other Suppliers	Ron McNamara	Tom Chapman						
Aquila Energy Marketing Corp.	Other Suppliers	Jason Stever	Peter Brown	David Wiesner	Pamela VanHorn	Richard Mooney	✓ Susan Chamberlin		
Cinergy Capital and Trading	Other Suppliers	Jan Bagnall	John Ambrose						
Con Edison Energy	Other Suppliers	✓ Stephen Wemple	Ivan Kimball						
Con Edison Solutions	Other Suppliers	✓ Stephen Wemple	Rich Staines						
Conectiv	Other Suppliers	Steve Huntoon	Bill Fehr						
Constellation Power Source	Other Suppliers	✓ Glen McCartney	David Taylor	Harvey Reed	Mary Lynch	Daniel Allegretti			
Coral Power, LLC	Other Suppliers	Marc Overdyk	✓ Dave French						
Dominion Energy Marketing, Inc.	Other Suppliers	Lou Oberski	Harold Adams						
Duke Energy North America, LLC	Other Suppliers	Ronald Matlock	Del Disher	Tom Bankert					
Dynegy	Other Suppliers	Matthew Picardi	✓ Reed Armstrong						
El Paso Merchant Energy	Other Suppliers	✓ Roy Shanker	Gary Keevill						
Energetix, Inc.	Other Suppliers	Barney Farnsworth	Gerald Strassner						
Exelon Generation - Power Team	Other Suppliers	Eric Olson	✓ Garry Brown	Linda Clarke	Regina Carrado	David Applebaum			
FPL Energy	Other Suppliers	Bill Fenerty	Dan Wheeler						

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Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Proxy	Guest
HQ Energy Services	Other Suppliers	Michel Prevost	Paul Norris						
KeySpan Energy Services	Other Suppliers	Ron Lukas	Ruben Brown	Peter Chamberlain	John Smith				
Morgan Stanley Capital Group	Other Suppliers	Patrick Murray	Karen Kochonies	Levon Kazarian	Doron Ezickson				
New Energy Inc.	Other Suppliers	Peter Duprey	Carrie CullenHitt	Steve Fernands					
NU / Select Energy	Other Suppliers	✓ James Scheiderich	Gunnar Jorgensen						
Ontario Power Generation Inc.	Other Suppliers	Tasos Karatsoreos	Brian McConville	Ken Lacivita	Scott McArthur	Erica Cheung			
PP&L Energy Plus	Other Suppliers	Jim Strobel	Harry Tom	Roland Moor					
Reliant Energy Services, Inc.	Other Suppliers	Bruce Bleiweis	✓ John Reese						
Sempra Energy Trading	Other Suppliers	Tom Halleran	Dana Volpe	✓ Russel Like	Mally Becker	Bob Chilton			
Strategic Energy LLC	Other Suppliers	Michael Swider	Jeffrey Knox	James McCormick	Helen Caldwell				
Strategic Power Management, Inc.	Other Suppliers	✓ Mario DiValentino	Tom Folchi	Dan Duthie					
Transalta (formerly MEGA)	Other Suppliers	Daniel Lobue	John Carmody						
TransÉnergie U.S. Ltd.	Other Suppliers	Michael Jacobs	José Rotger						
Williams Energy Marketing & Trading Co.	Other Suppliers	Marji Philips	David Singer	Dennis Keener					
Long Island Power Authority	Public Power - Authorities	✓ James Parmelee	Alan Elberfeld	✓ Kevin Jones					
New York Power Authority	Public Power - Authorities	Bob Deasy	✓ Bob Gow	Paul Rougeaux					
American Wind Energy Association	Public Power - Environmental	David Wooley	Larry DeWitt						
Environmental Advocates	Public Power - Environmental	Anne Reynolds	Larry DeWitt						
Nat'l Resources Defense Council	Public Power - Environmental	Dale Bryk	Larry DeWitt						
Pace University	Public Power - Environmental	Edward Smeloff	Larry DeWitt						
Scenic Hudson	Public Power - Environmental	Larry DeWitt							
Bath Electric, Gas & Water Systems	Public Power - Munis & Co-ops	Ken Moore	Matthew Benesh	Jim Hamilton	Paul Pallas	Jack Brown		✓ Tom Rudebusch	
City of Jamestown Board of Pub. Util.	Public Power - Munis & Co-ops	✓ Michael Darroch	✓ David Gustafson	Wally Haase	✓ Tom Rudebusch				
Plattsburgh Municipal Lighting Dept.	Public Power - Munis & Co-ops	Jack Brown	Ken Moore	✓ Tom Rudebusch					
Village of Fairport	Public Power - Munis & Co-ops	Ken Moore	✓ Tom Rudebusch	Paul Pallas					
Village of Freeport	Public Power - Munis & Co-ops	Hubert Bianco	Robert Kortright	Anthony Fiore					
Village of Rockville Centre	Public Power - Munis & Co-ops	Tom Cardile	Ken Moore	Jim Hamilton	Jack Brown	Matthew Benesh	Paul Pallas	✓ Tom Rudebusch	
Village of Westfield	Public Power - Munis & Co-ops	Jim Hamilton	Ken Moore	Matthew Benesh	Jack Brown	Paul Pallas		✓ Tom Rudebusch	
Central Hudson Gas & Electric	Transmission Owners	✓ James Valleau	Thomas Canino	Jeff May	Rick Greener				
Consolidated Edison	Transmission Owners	✓ Stuart Nachmias	Gerry Dunbar						
National Grid	Transmission Owners	Wes Yeomans	Jerry Ancona	✓ Bart Franey					✓ Mike Cadwalade
NY State Electric Gas (NYSEG)	Transmission Owners	✓ Rick Mancini	✓ Laurie King-Pirchner	Gerald Walter	✓ Ray Kinney	John Kobuskie	Dave Kimiecik		✓ John Tigue
Orange & Rockland, Inc.	Transmission Owners	Gary Rozmus							
Rochester Gas & Electric	Transmission Owners	✓ Laurie King-Pirchner	Gerald Walter						
New Member	Non-voting	None Assigned							
New Member	Non-voting	None Assigned							
New Member	Non-voting	None Assigned							
New Member	Non-voting	None Assigned							
New Member	Non-voting	None Assigned							

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

Hunton & Williams Ira Freilicher Hunton & Williams Gina Fedele Hunton & Williams James Schmidt ✓ Kristen Kranz NYISO ✓ Ray Stalter NYISO ✓ Elaine Robinson NYISO ✓ John Cutting NYISO √ Valerie Ross NYISO ✓ John Charlton NYISO ✓ Matt Mahoney NYISO Brad Kranz NYISO

#### Key:

✓ = In attendance

# New York Independent System Operator Business Issues Committee - September 4, 2002

Motion: Motion #1

Result: Motion Failed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against
Generation Owners	21.5	   <b>✓</b>	✓	21.50	6.00	1.00	1	18.43	3.07
Other Suppliers	21.5	✓	✓	21.50	4.00	3.00	3	12.29	9.21
Transmission Owners		✓	✓	20.00	0.00	4.00	0	0.00	20.00
End Use Consumer			✓						
Large Consumer	9.0	✓		9.00	0.00	5.00	1	0.00	10.33
Large Cons. Gov. Agency	2.0	✓		2.00	0.00	0.00	0	0.00	0.00
Small Consumer	4.5	✓	✓	4.50	0.00	9.00	0	0.00	5.17
Gov. State-wide Cons. Advocate	2.7	✓		2.70	0.00	1.00	0	0.00	2.70
Gov. Sm. Cons. & Retail Aggr.	1.8	✓		1.80	0.00	1.00	0	0.00	1.80
Public Power			✓						
State Power Authorities	8	✓		9.07	2.00	0.00	0	9.07	0.00
Munis and Coops	7	✓		7.93	1.00	5.00	0	1.32	6.61
Environmental	2	✓		0.00	0.00	0.00	0	0.00	0.00
			5	100.00	13.00	29.00	5	41.10	58.90
				100.00 No	ormalized	to 100% :		41.10	58.90

## **New York Independent System Operator**

#### Business Issues Committee - September 4, 2002

#### Motion Motion #1

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Sector	Organization	Representative	Affiliate	Present	For	Against
End Use - Gov. Agency/Aggr.	NYS Energy Research & Develop. Auth.	151 151				1.00
End Use - Gov. Agency/Aggr. End Use - Large Consumer	The City of New York Alcoa/Reynolds Metals Company	Michael Delaney		У		1.00
End Use - Large Consumer  End Use - Large Consumer	ATCO Management Co.	Michael Mager George Diamantopoulos		y		1.00
End Use - Large Consumer	IBM Corporation	Michael Mager		y		1.00
End Use - Large Consumer	Occidental Chemical Corp.	Michael Mager		y		1.00
End Use - Large Consumer	Praxair Inc.	Michael Mager		y		1.00
End Use - Large Consumer	Xerox Corporation	Michael Mager		y		1.00
End Use - Large Cons. Gov.	Metropolitan Transportation Authority					
End Use - Small Consumer	Association for Energy Affordability, Inc.					
End Use - Small Consumer	Beth Israel Health Care System	John Dowling		у		1.00
End Use - Small Consumer	Building and Realty Institute	Tariq Niazi		ý		1.00
End Use - Small Consumer	Caithness Energy, L.L.C					
End Use - Small Consumer	Citizens Advisory Panel					
End Use - Small Consumer	CNYC Inc. (Council of NY Coop & Condo)	Tariq Niazi		у		1.00
End Use - Small Consumer	Columbia University	John Dowling		y		1.00
End Use - Small Consumer	Mount Sinai Medical Center	John Dowling		у		1.00
End Use - Small Consumer	New York Energy Buyers Forum	Tariq Niazi		у		1.00
End Use - Small Consumer	New York Presbyterian Hospital	John Dowling		у		1.00
End Use - Small Consumer	New York University	John Dowling		у		1.00
End Use - Small Consumer	Refined Sugars, Inc.	John Dowling		у		1.00
End Use - State Agency	NY State Consumer Protection Board	Tariq Niazi		у		1.00
Generation Owners	AES NY	Christopher Wentlent		у		
Generation Owners	American National Power, Inc.			Í		
Generation Owners	Astoria Energy LLC					
Generation Owners	Calpine					
Generation Owners	East Coast Power	Roy Shanker	у	у		
Generation Owners	Edison Mission Marketing & Trading					
Generation Owners	Entergy Nuclear Northeast	Ron Mackowiak		у		1.00
Generation Owners	Indeck Energy Services	Mark Younger		y	1.00	
Generation Owners	KeySpan Ravenswood, Inc	Dick Ackerson		y	1.00	
Generation Owners	Mirant New York, Inc.	Doreen Saia		y	1.00	
Generation Owners	NRG Energy	Frank Rapley		y	1.00	
Generation Owners	Orion Power New York	John Reese	у	y		
Generation Owners	PG&E Generating	Steve McDonald	,	y	1.00	
Generation Owners	PSEG Energy Resources & Trade	Howard Fromer		y	1.00	
Generation Owners	Sithe Energies, Inc.	Garry Brown	у	у		
Generation Owners	TransCanada Power Marketing		,			
Non-voting	Aaron Breidenbaugh		у			
Non-voting	Cianbro Corporation		у			
Non-voting	Hudson River Energy Group		у			
Non-voting	NYS Department of Public Service	Bill Heinrich	у	у		
Non-voting	William P. Short	Dia i ioninon	у	, ,		
Other Suppliers	1st Rochdale Cooperative NYC					
Other Suppliers	Advantage Energy, Inc.					
Other Suppliers	Amerada Hess Corporation					
Other Suppliers	American Electric Power (AEP) Srvc. Corp.					
Other Suppliers	Aquila Energy Marketing Corp.	Susan Chamberlin		у		
Other Suppliers	Cinergy Capital and Trading	Oddan Onambenin		,		
Other Suppliers	Con Edison Energy	Stephen Wemple	у	у		
Other Suppliers	Con Edison Solutions	Stephen Wemple				
Other Suppliers	Conectiv	Otophon Wemple	У	у		
Other Suppliers Other Suppliers	Constellation Power Source	Glen McCartney		у		
Other Suppliers Other Suppliers	Coral Power, LLC	Dave French		у		
Other Suppliers Other Suppliers	Dominion Energy Marketing, Inc.	Dave Flericii		y		
Other Suppliers Other Suppliers	Duke Energy North America, LLC					
Other Suppliers Other Suppliers	Dynegy Dynegy	Reed Armstrong		у	1.00	
Other Suppliers	El Paso Merchant Energy	Roy Shanker		y	1.00	
Other Suppliers	Energetix, Inc.	rtoy Grianico	v	,	1.00	
Other Suppliers Other Suppliers	Exelon Generation - Power Team	Garry Brown	У	у	1.00	
Other Suppliers Other Suppliers	FPL Energy	Gairy blown		y	1.00	
Other Suppliers Other Suppliers	HQ Energy Services					
Other Suppliers Other Suppliers	KeySpan Energy Services		v			
Other Suppliers Other Suppliers	Morgan Stanley Capital Group		У			
Other Suppliers Other Suppliers	New Energy Inc.		v			
Other Suppliers Other Suppliers	NU / Select Energy	James Scheiderich	у	v		1.00
Other Suppliers Other Suppliers	Ontario Power Generation Inc.	James Gonoldenon		У		1.00
Other Suppliers Other Suppliers	PP&L Energy Plus					
Other Suppliers Other Suppliers	Reliant Energy Services, Inc.	John Reese		V	1.00	
Other Suppliers Other Suppliers	Sempra Energy Trading	Russel Like		y	1.00	1.00
Other Suppliers Other Suppliers	Strategic Energy LLC	Nussel Like		У		1.00
Other Suppliers Other Suppliers	Suatogic Energy LLO	M : 53/1 - 6		у		1.00
	Strategic Power Management Inc.					1.00
	Strategic Power Management, Inc.	Mario DiValentino		y		
Other Suppliers	Transalta (formerly MEGA)	Mario Divalentino	v	y		
Other Suppliers Other Suppliers	Transalta (formerly MEGA) TransÉnergie U.S. Ltd.	Mario Divalentino	у	,		
Other Suppliers Other Suppliers Other Suppliers	Transalta (formerly MEGA) TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co.		у		1.00	
Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities	Transalta (formerly MEGA) TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority	James Parmelee	У	у	1.00	
Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities	Transalta (formerly MEGA) TransÉnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority		у		1.00	
Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental	Transalta (formerly MEGA) TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association	James Parmelee	у	у		
Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Environmental	Transalta (formerly MEGA) TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates	James Parmelee	У	у		
Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Environmental Public Power - Environmental	Transalta (formerly MEGA) TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council	James Parmelee	У	у		
Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Environmental Public Power - Environmental Public Power - Environmental	Transalta (formerly MEGA) TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University	James Parmelee	у	у		
Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental	Transalta (formerly MEGA) TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University Scenic Hudson	James Parmelee Bob Gow	у	у		100
Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Horizonmental Public Power - Munis & Co-ops	Transalta (formerly MEGA) TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems	James Parmelee Bob Gow  Tom Rudebusch	У	y y	1.00	1.00
Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Munis & Co-ops Public Power - Munis & Co-ops	Transalta (formerly MEGA) TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems City of Jarnestown Board of Pub. Util.	James Parmelee Bob Gow  Tom Rudebusch Michael Darroch	у	y y		
Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Munis & Co-ops Public Power - Munis & Co-ops	Transalta (tormerly MEGA) TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Util. Plattsburgh Municipal Lighting Dept.	James Parmelee Bob Gow  Tom Rudebusch Michael Darroch Tom Rudebusch	У	y y y	1.00	1.00
Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Munis & Co-ops	Transalta (formerly MEGA) TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Uill. Plattsburgh Municipal Lighting Dept. Village of Fairport	James Parmelee Bob Gow  Tom Rudebusch Michael Darroch	У	y y	1.00	
Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Munis & Co-ops	Transalta (formerly MEGA) TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Util. Plattsburgh Municipal Lighting Dept. Village of Freeport	James Parmelee Bob Gow  Tom Rudebusch Michael Darroch Tom Rudebusch Tom Rudebusch	у	y y y y y y	1.00	1.00
Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Funition & Co-ops Public Power - Munis & Co-ops	Transalta (tormerly MEGA) TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Util. Plattsburgh Municipal Lighting Dept. Village of Fairport Village of Freeport	James Parmelee Bob Gow  Tom Rudebusch Michael Darroch Tom Rudebusch Tom Rudebusch Tom Rudebusch	у	у у у у у у у	1.00	1.00 1.00
Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Hunis & Co-ops Public Power - Munis & Co-ops	Transalta (formerly MEGA) TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Util. Plattsburgh Municipal Lighting Dept. Village of Freeport Village of Freeport Village of Rockville Centre Village of Westfield	James Parmelee Bob Gow  Tom Rudebusch Michael Darroch Tom Rudebusch Tom Rudebusch Tom Rudebusch Tom Rudebusch	У	y y y y y y y	1.00	1.00 1.00 1.00 1.00
Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Forniconmental Public Power - Munis & Co-ops Transmission Owners	Transalta (formerly MEGA) TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Util. Plattsburgh Municipal Lighting Dept. Village of Fairport Village of Freeport Village of Rockville Centre Village of Westfield Central Hudson Gas & Electric	James Parmelee Bob Gow  Tom Rudebusch Michael Darroch Tom Rudebusch Tom Rudebusch Tom Rudebusch Tom Rudebusch James Valleau	У	y y y y y y y	1.00	1.00 1.00 1.00 1.00 1.00
Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Funitier & Co-ops Public Power - Munis & Co-ops Transmission Owners Transmission Owners	Transalta (tormerly MEGA) TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Util. Plattsburgh Municipal Lighting Dept. Village of Frieport Village of Freeport Village of Rockville Centre Village of Westfield Central Hudson Gas & Electric Consolidated Edison	James Parmelee Bob Gow  Tom Rudebusch Michael Darroch Tom Rudebusch Tom Rudebusch Tom Rudebusch Tom Rudebusch James Valleau Stuart Nachmias	у	y y y y y y y	1.00	1.00 1.00 1.00 1.00 1.00 1.00
Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Munis & Co-ops Transmission Owners Transmission Owners Transmission Owners	Transalta (formerly MEGA) TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Util. Plattsburgh Municipal Lighting Dept. Village of Freeport Village of Freeport Village of Rockville Centre Village of Westfield Central Hudson Gas & Electric Consolidated Edison National Grid	James Parmelee Bob Gow  Tom Rudebusch Michael Darroch Tom Rudebusch Tom Rudebusch Tom Rudebusch Tom Rudebusch Som Rudebusch Tom Rudebusch James Valleau Stuart Nachmias Bart Franey	у	y y y y y y y y	1.00	1.00 1.00 1.00 1.00 1.00 1.00 1.00
Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Munis & Co-ops Transmission Owners Transmission Owners Transmission Owners Transmission Owners Transmission Owners	Transalta (formerly MEGA) TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Util. Plattsburgh Municipal Lighting Dept. Village of Fairport Village of Freeport Village of Rockville Centre Village of Westfield Central Hudson Gas & Electric Consolidated Edison National Grid NY State Electric Gas (NYSEG)	James Parmelee Bob Gow  Tom Rudebusch Michael Darroch Tom Rudebusch Tom Rudebusch Tom Rudebusch Tom Rudebusch James Valleau Stuart Nachmias	у	y y y y y y y	1.00	1.00 1.00 1.00 1.00 1.00 1.00
Other Suppliers Other Suppliers Other Suppliers Public Power - Authorities Public Power - Authorities Public Power - Authorities Public Power - Environmental Public Power - Munis & Co-ops Transmission Owners Transmission Owners Transmission Owners	Transalta (formerly MEGA) TransEnergie U.S. Ltd. Williams Energy Marketing & Trading Co. Long Island Power Authority New York Power Authority American Wind Energy Association Environmental Advocates Nat'l Resources Defense Council Pace University Scenic Hudson Bath Electric, Gas & Water Systems City of Jamestown Board of Pub. Util. Plattsburgh Municipal Lighting Dept. Village of Freeport Village of Freeport Village of Rockville Centre Village of Westfield Central Hudson Gas & Electric Consolidated Edison National Grid	James Parmelee Bob Gow  Tom Rudebusch Michael Darroch Tom Rudebusch Tom Rudebusch Tom Rudebusch Tom Rudebusch Som Rudebusch Tom Rudebusch James Valleau Stuart Nachmias Bart Franey	у	y y y y y y y y	1.00	1.00 1.00 1.00 1.00 1.00 1.00 1.00