# NYISO Business Issues Committee Meeting Minutes April 15, 2015 10:00 a.m. – 11:10 a.m.

#### 1. Introductions, Meeting Objectives, and Chairman's Report

The chair of the Business Issues Committee (BIC), Ms. Patti Caletka (NYSEG and RG&E) called the meeting to order at 10:10 a.m. by welcoming the members of the BIC. The members of the BIC identified themselves and attendance was recorded. A quorum was determined.

#### 2. Approval of Meeting Minutes – March 11, 2015

<u>Motion #1:</u>

Motion to approve the Minutes of the March 11, 2015 BIC meeting. *Motion passed unanimously.* 

#### 3. Market Operations Report/Seams Report

Mr. Rana Mukerji (NYISO) reviewed the Market Operations and Seams reports included with the meeting material.

#### 4. Planning Update

Mr. Dana Walters (NYISO) reported that NYISO presented its benchmarking efforts for CARIS and a discussion on the proposed updates to NYISO's fuel forecast methodology at the April 7<sup>th</sup> ESPWG meeting. Work on the CARIS Assumptions will continue. He noted that NYISO had completed its review the draft of the 2014 CRP at ESPWG and TPAS and that it was scheduled for review and acceptance at the April 16<sup>th</sup> Operating Committee meeting. He indicated that NYISO is anticipating the possibility of needing to address Public Policy solutions in the Fall of 2015. He also stated that Levitan and Associates have completed the Gas-Electric interface study for the EIPC and the draft report of the Target 3 results will be delivered to the stakeholders in May 2015 and the final report is scheduled to be delivered to the DOE in June 2015.

#### 5. NYISO VSS Program Changes

Mr. Brad Garrison (NYISO) reviewed the presentation included with the meeting material.

### Motion#2

The Business Issues Committee ("BIC") hereby approves the Ancillary Services Manual updates as presented and discussed at the April 15, 2015 BIC meeting to be implemented the same day as the related Services Tariff changes described in the presentation entitled "NYISO VSS Payment Structure," approved by the Management Committee on November 20, 2014, contingent on FERC's acceptance of the Services Tariff changes with no substantive modification.

Motion passed unanimously with abstentions.

#### 6. Proposed Tariff Revisions to Public Policy Transmission Planning Process

Mr. Carl Patka (NYISO) reviewed the presentation included with the meeting material. Mr. Andrew Antinori (NYPA) stated he was concerned with proposals being public and the effect on competitiveness, would an MP be able to see another proposal before submitting their own? Mr. Patka explained there is nothing additional in the tariff beyond the Code of Conduct, but the process is the same as the interconnection process we have in place today. Mr. Zach Smith (NYISO) added upon submission only basic project information is public. He added the process was intentionally modeled after the Interconnection process to maintain confidentiality as long as possible.

## Motion #3:

The Business Issues Committee (BIC) hereby recommends that the Management Committee recommend that the NYISO Board of Directors approve for filing under Section 205 of the Federal Power Act, revisions to OATT Attachment Y, Sections 31.1, 31.4, and 31.5, clarifying the NYISO's Public Policy Transmission Planning Process as presented and discussed at the April 15, 2015 BIC meeting. *Motion passed unanimously with abstentions.* 

## 7. ICAP Manual Updates for Proposed Outage States

Mr. Zach Smith (NYISO) reviewed the presentation included with the meeting material.

## Motion #4

The Business Issues Committee (BIC) hereby approves revisions to the Installed Capacity Manual as presented at the April 15, 2015 BIC Meeting.

### Motion passed unanimously with abstentions.

## 6. Working Group Updates

- **Billing and Accounting Working Group**: NYISO briefly reviewed the February initial invoice, 4 month true-up and final close-out. There were no large charges in the true-up. Reviewed the regulated transmission cost recovery project; it will enable NYISO to allocate and bill Loads for Regulated Transmission Projects, using new billing codes. These Transmission projects can include Reliability, TRANSCO based, Economic Planning and Public Policy. It is scheduled for deployment is June 2015. Additional changes were pending FERC approval of the TRANSCO filing, however, last week, FERC did not approve the TRANSCO filing, so NYISO will likely review the need for these additional changes.
- Electric System Planning Working Group: ESPWG met 3 times since the last BIC. One of the meetings was a joint ESPWG-TPAS for review of the draft Comprehensive Reliability Plan. Other items on the agenda included:

Attachment Y Cleanup for Public Policy Transmission Planning Process (voted on today), Public Policy Transmission Planning Process Manual, CARIS Scenarios and Additional Metrics, CARIS Preliminary Benchmark Results and Natural Gas Price Forecast: Revised Spike Structure. The next ESPWG meeting is April 22.

- Installed Capacity Working Group: reviewed BTMNG Capacity Market Issues and had a preliminary discussion on the FERC RMR Order. The ICAP will next meet on April 30.
- Inter-regional Planning Task Force: the group met jointly with the EGCWG on March 19.
- Load Forecasting Task Force: The group has not met.
- Market Issues Working Group: reviewed CTS with ISO-NE, Comprehensive Shortage Pricing Pricing Data Changes, and had an SCR update. The MIWG will next meet on April 23.
- **Price Responsive Load Working Group**: met jointly with ICAP to discuss BTMNG Capacity Market Issues and MIWG to discuss BTMNG Energy Market Issues. The group will next meet jointly with MIWG on April 23.
- Credit Policy Working Group: The group did not meet.
- Electric Gas Coordination Working Group: reviewed NYISO Winter Operations, Winter Operations Pipelines and LDCs and had an update on EIPC Gas Electric.

### 7. New Business

There was no new business.

The meeting adjourned at 11:10 am.

# **Business Issues Committee Meeting** April 15, 2015 Final Motions

<u>Motion #1</u> Motion to approve the Minutes of the March 11 BIC meeting.

Motion passed unanimously.

# Motion#2

The Business Issues Committee ("BIC") hereby approves the Ancillary Services Manual updates as presented and discussed at the April 15, 2015 BIC meeting to be implemented the same day as the related Services Tariff changes described in the presentation entitled "NYISO VSS Payment Structure," approved by the Management Committee on November 20, 2014, contingent on FERC's acceptance of the Services Tariff changes with no substantive modification.

Motion passed unanimously with abstentions.

# Motion #3

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Motion passed unanimously with abstentions.

# Motion #4

The Business Issues Committee (BIC) hereby approves revisions to the Installed Capacity Manual as presented at the April 15, 2015 BIC Meeting.

Motion passed unanimously with abstentions.

# New York Independent System Operator - Committee Membership

# Business Issues Committee - April 15, 2015 - NYISO - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
storia Energy LLC	Generation Owners	McCall, Chuck	Habib , Phillipe	Singer, Leonard							
PV Valley LLC	Generation Owners	Remillard, Steven	Litchfield , Matt	Bruno, Michael	Felak, Rich						
Calpine	Generation Owners	Kruse, Brett	Reitmeyer, Jay	Flumerfelt, John	Schleimer, Steve	LaRoe , Chris					
Cricket Valley Energy Center	Generation Owners	De Meyere , Bob	Wallenstein, Arnold	Ahrens, Jeff							
EDP Renewables North America LLC	Generation Owners	Kaplan, Seth	Grimes , Mike	Nemeth, Jeffrey	Harmon, Brad						
Cast Coast Power, LLC	Generation Owners	Shanker, Roy	Fogarty, Thomas	Fisher, Amy							
Entergy Nuclear Northeast	Generation Owners	Milici , Rich	Potkin, Marc	Saia, Doreen	Del Orto , Ken					Rosenthal, Robert	
Ioward Wind LLC	Generation Owners	Merich, Olivia	Rugh, Chris								
ndeck Energy Services, Inc.	Generation Owners	Ferguson, Mike	Schrage, John	Vounger, Mark							
nnovative Energy Systems	Generation Owners	Zeliff, Peter	Henningham, Scott								
nvenergy Energy Management LLC	Generation Owners	Ma , Alex	Goldstein, Michael	Orzel, Chris							
Jational Grid Generation LLC	Generation Owners	Kain, Terrence	McCabe, Brian								
New Athens Generating Co. LLC	Generation Owners	Breen, Jack	Litchfield, Matt	DeVinney, Dan	Felak, Rich						
Noble Environmental Power LLC	Generation Owners	Silton , Harry	Literiniona, maa	De ( mile), Dui	r olun, ritoli						
elkirk Cogen Partners, LP	Generation Owners	Biittig, Timothy	Ryan, James								
omerset Operating Company, LLC	Generation Owners	Evanoski, Dave	Goodenough, Jeery	McManus, John							
tephentown Spindle, LLC	Generation Owners	Hebert, Chris	Bullwinkel, Aaron	O'Brien, Robin							
C Ravenswood, Inc.	Generation Owners	Taylor, William	DAndrea, James	Congel, Dan	Hachov Miles						
, ,		-		v Conger, Dan	Hachey, Mike						
J Energy LLC P Energy Company	Other Suppliers Other Suppliers	Ni, Bing Prescott, Randy	Lee, George Magruder , Kathy	Bassett, Jeffrey							
BlueRock Energy, Inc.	Other Suppliers	Nichols, Jim	Eno, Jason	VanHorne, Phil	Gipson , Jon						
rookfield Energy Marketing	Other Suppliers	Francis, Frank			0.15011, 1011						
			Ricketts, Robert	Whyte, Daniel							
Castleton Commodities Merchant Trading L.P.	Other Suppliers	Stuss, Gordon	Cheong, Mei								
Citigroup Energy Inc.	Other Suppliers	Trayers, Barry Mah, Norman	W 1 0								
Con Edison Solutions Inc.	Other Suppliers		Wemple, Steve								
Constellation New Energy	Other Suppliers	McCartney, Glen	Wentlent, Chris	Kirk , Steven							
Cross Sound Cable Company, LLC	Other Suppliers	Reinhart, Brian	Rotger, Jose								
DC Energy	Other Suppliers	Bleiweis, Bruce	Stevens, Andrew	Tate, Matthew	Milberg, Sadao	Kuo, David					
OTE Energy	Other Suppliers	Pakela, Gregory	Wieszczyk, Raymond	German, Robert							
Direct Energy Business Marketing, LLC	Other Suppliers	Philips , Marjorie	Comstock, Read								
ynegy Power Marketing, Inc.	Other Suppliers	Roby , Rick	Ellis, Dean	Daley, Marty							
DF Trading North America, LLC	Other Suppliers	Erbrick , Michael	LeForce, Randall								
nerNoc	Other Suppliers	Brewster, David	Breidenbaugh, Aaron	Geller , Greg							
Energy Spectrum	Other Suppliers	David, Gary	Ahrens, David	Neiburg, David	Iskowitz, Aron	Brown, Ruben	Pentland, William	Villegas, Cristina			
Energy Technology Savings	Other Suppliers	Hendler , Jeff	Ross, Valerie	Nudelman , Craig							
EnergyConnect	Other Suppliers	Campbell, Bruce	Davis , Robert	Lawrence , David							
nerwise Global Technologies, Inc	Other Suppliers	Markham , Craig	Geoghan, Stephen	Lacey, Frank	🗸 Ackerman, Alan						
xelon Generating Co. LLC	Other Suppliers	McCartney, Glen	Wentlent, Chris	Kirk, Steven							
DF Suez Energy NA, Inc.	Other Suppliers	Levine, Jeffrey	Hawkins , Darin	Campbell, Chad							
alt Power	Other Suppliers	Fernands, Rochelle	🗸 Ackerman, Alan								
Q Energy Services US	Other Suppliers	Bernier , Luc	Plante, Matthieu	🗸 Leuthauser, Scott	Vennes, Yannick						
noventive Power	Other Suppliers	Gruber , Craig	Halford , Steve								
ntegrys Energy Services of New York, Inc	Other Suppliers	Haugh, Michael									
yonsdale Biomass, LLC	Other Suppliers	Ralston, William	Hebel, Nathan	Carrigan, Kathleen							
fercuria Energy America, Inc.	Other Suppliers	Davis , Andrew	Vounger, Mark								
Aorgan Stanley Capital Group, Inc.	Other Suppliers	Murray, Patrick	Kochonies, Karen	Ezickson, Doron							
RG Power Marketing Inc.	Other Suppliers	Joseph , Kelli	Fuller, Peter	Neal, David						Vounger, Mark	
JextEra Energy	Other Suppliers	Applebaum, David	Gardner, Michelle	Gil, David				1			
loble Americas Gas & Power Corp.	Other Suppliers	Boston , Roy	Kyle , Chris	Sunga, Leonard							
ntario Power Generation, Inc.	Other Suppliers	Lacivita, Ken	Gell, Richard	Barr, David	Sheinfield, Joel						
PL EnergyPlus, LLC	Other Suppliers	Weghorst, Brad	Hyzinski, Tom	Weber, Sharon	Greening , Michele	Yannarell, David	Francello, Mark				
SEG Energy Resource & Trade, LLC	Other Suppliers	Fromer, Howard	Carretta, Kenneth	Messmer, Robert	Murawski, James						
owerex Corporation	Other Suppliers	Tang , Glen	Dion, Julien	Fichten , Murray							
iverbay Corporation	Other Suppliers	Merola, Peter	Freedman, Herbert	Ahrens, David	Villegas , Cristina						
ESCO Enterprises, LLC	Other Suppliers	Schubiger, Michael	Thoresen, James								
hell Energy North America, LLC	Other Suppliers	Picardi, Matt	French, Dave								
FransCanada Power Marketing, Ltd.	Other Suppliers	Taylor, William	D'Andrea, James	🗸 Congel, Dan	Hachey, Mike						
Win Cities Power LLC	Other Suppliers	Staska, Stephanie	Dube, Alex								

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6
U.S. Power Generating Co.	Other Suppliers	Baker, Liam	Reese, John	🗸 LaRoe , Chris				
Viridity Energy, Inc.	Other Suppliers	Freifeld, Allen						
Vitol Inc.	Other Suppliers	Wadsworth , Joe	Viola , Bob	Kam, Kenney				
Central Hudson Gas & Electric Corp.	Transmission Owners	Borchert , John	Chan, Ting	Seitz, Diane	Dittmann, David			
Consolidated Edison Co. of NY, Inc.	Transmission Owners	Miller, Richard	Nachmias, Stuart	Altobell, Deidre	Butler, Scott	Butterklee, Neil		
National Grid	Transmission Owners	✓ Franey, Bart	Lodemore , David					
New York State Electric & Gas (NYSEG)	Transmission Owners	Caletka, Patricia	Kinney, Ray	Brophy , Richard				
Orange & Rockland Utilities, Inc.	Transmission Owners		5, 5	1 5 /				
Rochester Gas and Electric Corp.	Transmission Owners	✓ Caletka, Patricia	Kinney, Ray	Brophy, Richard				
Alcoa, Inc.	Large Consumer	Loughney, Robert	Mager, Michael	Lang, Kevin	Trinsey, Amanda			
IBM Corporation	Large Consumer	Loughney, Robert	Mager, Michael	Lang, Kevin	Trinsey, Amanda			
Nucor Steel Auburn, Inc.	Large Consumer	Brew , James	Radigan, Frank	Kopon, Owen	Y Thisey, Amanda			
Occidental Chemical Corp.	Large Consumer		-	-	🗸 Trinsey , Amanda			
Wegmans Food Markets	Large Consumer	Loughney, Robert	Mager, Michael	Lang, Kevin	,			
5		Loughney, Robert	Mager, Michael	Lang, Kevin	🗸 Trinsey , Amanda			
Metropolitan Transportation Authority	Large Consumer Government Agency	Keller, David	Chou, Frances		T I DI		L K	
American Sugar Refining, Inc	Small Consumer	George, Quintin	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	Lang, Kevin	
Association for Energy Affordability	Small Consumer	Morris, Jackson	Hepinstall, David	Strauss, Valerie	Magar Mishaal	Long Kavin		
Beth Israel Health Care System Fordham University	Small Consumer Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	Lang, Kevin		
	Small Consumer Small Consumer	Dowling, John	Luthin, Catherine Luthin, Catherine	Loughney, Robert	Mager, Michael	Lang, Kevin		
Memorial Sloan Kettering Cancer Center Mount Sinai Medical Center	Small Consumer Small Consumer	Dowling, John Luthin, Catherine	· · · · · · · · · · · · · · · · · · ·	Loughney, Robert	Mager, Michael	Lang, Kevin		
Nount Sinai Medical Center New York University	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	Lang, Kevin		
New York University Utility Intervention Unit, Division of Consumer	Small Consumer Government Statewide Consumer Advocate		Dowling, John	Loughney, Robert	Mager, Michael	Lang, Kevin		
Protection, NY Dept. of State City of New York	Government Small Consumer and Retail	Hogan , Erin	Rigberg, Saul	Montalvo , Marc	Pereira, Alvaro			
	Aggregate	Lang, Kevin	Mager, Michael	🗸 Trinsey , Amanda				
VYS Energy Research & Dev. Authority	Government Small Consumer and Retail Aggregate	Williams, John	Hall , Christopher	d'Aversa , Jon-Paul				
Long Island Power Authority	State Power Authorities	Clarke, Dave	McNally, Stephen					
New York Power Authority	State Power Authorities	Antinori, Andrew	Boyle, Bob	Fossa, Andrea	Mahoney, Daniel	Wilkie, Brian		
Bath Electric, Gas & Water Systems	Municipalities and Coops	Moore, Ken	Bolbrock, Richard	Cordeiro, Mark				
Freeport Electric	Municipalities and Coops	Livingston, Al	Kimlingen, Ted	Rudebusch, Tom	Fiore, Chris			
amestown Board of Public Utilities	Municipalities and Coops	Gustafson, David	Leathers, David	Kulig, Steve	🗸 Rudebusch, Tom			
Lake Placid Village	Municipalities and Coops	Kroha, Peter	Bolbrock, Richard	Cordeiro, Mark				
Municipal Commission of Boonville	Municipalities and Coops	Stabb, Kenneth	Bolbrock, Richard	Cordeiro, Mark				
Plattsburgh Municipal Lighting Dept	Municipalities and Coops	Treacy, William	Bolbrock, Richard	Cordeiro, Mark				
Village of Arcade	Municipalities and Coops	Kilburn, Larry	Bolbrock, Richard	Cordeiro, Mark				
Village of Fairport	Municipalities and Coops		Bolbrock, Richard	Cordeiro, Mark				
Village of Rockville Centre	Municipalities and Coops	Moore, Ken		_				
-		Andreas, Philip	Cardile , Thomas	Rudebusch, Tom				
Village of Solvay	Municipalities and Coops	Mondre, Judith	Bolbrock, Richard	Cordeiro, Mark				
Village of Westfield	Municipalities and Coops	Hamilton, James	Bolbrock, Richard	Cordeiro, Mark				
American Lung Association	Environmental	Gahl, David	Seilback, Michaek	Miller, Edward				
American Wind Energy Association	Environmental	Reynolds, Anne	Gramlich, Robert					
Environmental Advocates	Environmental	Bambrick , Conor	Gahl, David	Morris, Jackson				
Natural Resources Defense Council	Environmental	Morris, Jackson	Clements , Allison	Kennedy, Kit				
PACE Energy & Climate Center	Environmental	Gahl, David	Bowie, John	Morris, Jackson				
Riverkeeper	Environmental	Gallay, Paul	Gahl , David	Morris, Jackson		}		
Ace Energy Company, Inc.	Non Voting	Lynch, Stephen				+		
Alliance for Clean Energy New York	Non Voting	Reynolds, Anne						
Anbaric Northeast Transmission Development Co.	Non Voting	Sanderson, Barry	Bullminkal Asson	O'Brian Dahin		1		
Beacon Power LLC Boston Energy Marketing & Trading	Non Voting	Hebert , Chris Kramek , Mike	Bullwinkel, Aaron	O'Brien , Robin				
Boston Energy Marketing & Trading	Non Voting		Dest. Cl. 1					
Boundless Energy, LLC	Non Voting	Tompkins John, E.	Pratt, Charles					
Bruce Power	Non Voting	Viswanathan, Samira	Meyer, Sandra	Garber, Mitchell				
Caithness Energy LLC Customized Energy Solutions	Non Voting Non Voting	Keevill , Gary Mancini, Rick	Delgado, Jeffrey		🗸 Ackerman, Alan	Lundin Tim		
	-		Fernands, Stephen	Rexrode, Caryn	Ackerman, Alan	Lundin , Tim		
Demand Response Partners	Non Voting	Dorn, Andrew	Almeter , Carl	Hourihan, Michael		1		
Ecogen Engraativ, Ing	Non Voting	Hagner, Thomas				1		
Energetix, Inc.	Non Voting	Comstock, Read	Cabat to tat. T	True-L. Count	Vorest-set 1			
Energy Curtailment Specialists	Non Voting	Pieniazek, Marie	Scheiderich, Jim	Lynch, Stephen	Korczykowski , Jim			
First Wind Holdings, LLC	Non Voting	Keene, John	Salehian, Afshin Begley, Jeff	Doll Ed				
Fluent Energy Great Bay Energy IV, LLC	Non Voting Non Voting	Acampora , Peter Franco , Eugene	Begley, Jeff Colon, Antonio	Doll , Ed				
Hudson River Energy Group	Non Voting	-	Colon, Antonio Canfield, Richard					
riadoon Kiver Energy Oroup	rion voung	Radigan, Frank		1	I	I	I	I

e6	Alternate7	Proxy	Guest	

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Hydro-Quebec TransEnergie	Non Voting	Prevost, Michel									
berdrola Renewables Inc	Non Voting	Allen, Thresa									
MAG Energy Solutions, Inc.	Non Voting	Roberge, Martin	Vezina, Alexandre								
NYS Department of Public Service	Non Voting	Paynter , Thomas	Evans, Adam								
Noble Americas Energy Solutions	Non Voting	Sun , Jungsuk	Nakhonthap, Jade	Sunga, Leonard							
Northeast Clean Heat & Power Initiative	Non Voting	De Veer, Henrietta	Lilian, Jon	Dwyer, Herb	Brown, Ruben	Cinadr , Matt	Martin, Nicholas	Villegas, Cristina			
NuEnergen	Non Voting	Hamilton, Sandy	Korczykowski, Ryan								
RBC Energy Services, LP	Non Voting	Burnham, Steve	Fraiture, Christian	Doolittle, Robin							
RES Americas, Inc.	Non Voting	Fernandes , John	Boyd , Dan								
Red Wolf Energy Trading, LLC	Non Voting	Sharma , Rishi									
Saracen Energy East LP	Non Voting	Peebles, Andy									
Saranac Power Partners	Non Voting	Wible , Steven									
Siemens Energy, Inc.	Non Voting	Feltes, James									
Taylor Biomass Energy, LLC	Non Voting	Taylor , Jim	Page, Allan								
FransAlta Energy Marketing (U.S.) Inc.	Non Voting	Nivolianitis, Ted									
Fransmission Developers Inc.	Non Voting	Jessome, Donald	Helmer, William								
William P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					

#### NYISO Employees

Lampi, Mollie Smith, Zach Patka, Carl Mukerji, Rana Schnell, Alex Garrison, Brad Walters, Dana Eckels, Debbie Dixon, Kirk