# NYISO Business Issues Committee Meeting Minutes October 11, 2016 10:00 a.m. – 10:20 a.m.

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

Mr. Chris LaRoe (Brookfield) called the meeting to order at 10:00 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. Broader Regional Markets Report

Mr. Robb Pike (NYISO) reviewed the report included with the meeting material. He stated FERC ruled in favor of NYISO and PJM on cost allocation in the Michigan/Ontario PARs case. The BAWG will discuss the refund process at its October 21, 2016 meeting. Mr. Pike explained that discussions continue on coordinating without the Con Ed/PSEG Wheel. There will be a special BIC meeting on October 20, 2016 to act on the treatment of capacity exports from Localities proposal. Mr. Pike noted that, if FERC grants the NYISO's request for a deferral in the ISO-NE proceeding giving rise to the capacity export issue, the meeting and vote will be cancelled.

#### 3. Manual Revisions: Comprehensive Scarcity Pricing

Mr. Ethan Avallone (NYISO) reviewed the presentation included with the meeting material. There were no questions or discussion.

#### Motion #1:

The Business Issues Committee (BIC) hereby approves the revisions to the Ancillary Services Manual, Transmission and Dispatching Operations Manual and the Day-Ahead Scheduling Manual as presented and discussed at the October 11, 2016 BIC meeting.

Motion passed unanimously with abstentions.

## 8. Working Group Updates

**BAWG** – The BAWG has not met since the last BIC meeting.

**CPWG** – The CPWG has not met since the last BIC meeting.

**ESPWG** – Mr. Butler reported the ESPWG will focus on the Public Policy Cost Allocation proposal at its October 13, 2016 meeting and is expecting an update on the status of State Resource Planning Assessment at its October 25, 2016 meeting.

**ICAPWG** – Ms. Debbie Eckels (NYISO) reported that the ICAPWG has wrapped up its discussions regarding the ICAP Demand Curve reset (DCR) and oral presentations to the NYISO Board of Directors regarding the DCR are scheduled for Monday, October 17, 2016. The working group has also discussed potential changes to the current LCR methodology and treatment of capacity exports from Localities proposal.

**IPTF** – The group has not met since the last BIC meeting.

LFTF - The group has not met since the last BIC meeting.

**MIWG** – Ms. Eckels reported that MIWG has discussed coordinating without the Con Ed/PSWG Wheel, Energy Storage Integration, manual revisions related to Comprehensive Scarcity Pricing and RTC-RTD Forward Horizon Coordination Improvements. Potomac Economics also presented its review of the evaluation of the impacts of the PJM Proxy Bus modeling issue.

PRWLG – The BAWG has not met since the last BIC meeting.

**EGCWG** – The BAWG has not met since the last BIC meeting.

#### 3. New Business

There was no new business.

Meeting adjourned at 10:20 a.m.

# **Business Issues Committee**

October 11, 2016 Final Motion

## Motion #1:

The Business Issues Committee (BIC) hereby approves the revisions to the Ancillary Services Manual, Transmission and Dispatching Operations Manual and the Day-Ahead Scheduling Manual as presented and discussed at the October 11, 2016 BIC meeting.

Motion passed unanimously with abstentions.

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

# Business Issues Committee - October 11, 2016 - Conference Call - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Astoria Energy LLC	Generation Owners	McCall, Chuck	Browne , Scott	Habib, Phillipe	Singer, Leonard						
CPV Valley LLC	Generation Owners	Litchfield, Matt	Rumsey, Tom								
Calpine	Generation Owners	Kruse, Brett	Reitmeyer, Jay	Flumerfelt, John	Schleimer, Steve						
Cricket Valley Energy Center	Generation Owners	De Meyere , Bob	Wallenstein , Arnold	Paryl , Ron							
EDP Renewables North America LLC	Generation Owners	Brodbeck, John	Kaplan, Seth	Grimes , Mike	Nemeth, Jeffrey	Dictor, Stephen					
East Coast Power, LLC	Generation Owners	Shanker, Roy	Fogarty, Thomas	Lee , Tina	Franzetti , Paul						
Entergy Nuclear Northeast	Generation Owners	Potkin, Marc	Dell Orto , Ken	✓ Saia, Doreen	Bergeron , John						
Howard Wind LLC	Generation Owners	Merich, Olivia	Rugh , Chris								
Indeck Energy Services, Inc.	Generation Owners	Ferguson, Mike	✓Younger, Mark								
Innovative Energy Systems	Generation Owners	Zeliff, Peter	Henningham, Scott								
Invenergy Energy Management LLC	Generation Owners	Ma , Alex	Goldstein, Michael	Orzel , Chris							
National Grid Generation LLC	Generation Owners	Kain, Terrence	McCabe , Brian								
Noble Environmental Power LLC	Generation Owners	Silton , Harry									
Selkirk Cogen Partners, LP	Generation Owners	Biittig, Timothy	Ryan, James								
Somerset Operating Company, LLC	Generation Owners	Evanoski , Dave	Goodenough, Jeery	McManus , John							
TC Ravenswood, Inc.	Generation Owners	Taylor, William	DAndrea , James	✓ Congel, Dan	Hachey, Mike						
BJ Energy LLC	Other Suppliers	Ni, Bing	Lee, George								
BP Energy Company	Other Suppliers	Briscoe , Judy	Magruder, Kathy								
BlueRock Energy, Inc.	Other Suppliers	Nichols , Jim	Yeager, Keith	VanHorne, Phil	Graham , Tammy						
Brookfield Energy Marketing L.P.	Other Suppliers	LaRoe , Chris	Mitreski, Aleksandar	Mitelman, Rimma	Dallaire, Eric						
CPower	Other Suppliers	Markham , Craig	Lacey, Frank	Damaskos , Deno	✓ Lawrence , David						
Castleton Commodities Merchant Trading L.P.	Other Suppliers	Stuss, Gordon	Romine , Brad	Emmett, Robert							
Citigroup Energy Inc.	Other Suppliers	Trayers, Barry									
Con Edison Solutions Inc.	Other Suppliers	Mah, Norman	Dannels , Jeff								
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					
DTE Energy	Other Suppliers	Pakela, Gregory	Wieszczyk, Raymond	German, Robert							
Direct Energy Business Marketing, LLC	Other Suppliers	Philips , Marjorie	Comstock, Read								
Dynegy Marketing and Trade	Other Suppliers	✓ Roby , Rick	Ellis, Dean	Ziegler, Pete							
EDF Trading North America, LLC	Other Suppliers	Erbrick, Michael	LeForce, Randall								
EnerNoc	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	Cinadr , Matt		
Energy Technology Savings	Other Suppliers	Hendler , Jeff	Ross , Valerie								
EnergyConnect	Other Suppliers	Campbell, Bruce	Davis , Robert	Lawrence, David							
Exelon Generating Co. LLC	Other Suppliers	Kirk , Steven	Wentlent, Chris								
GDF Suez Energy NA, Inc.	Other Suppliers	Levine , Jeffrey	Hawkins , Darin	Campbell , Chad							
Galt Power	Other Suppliers	Fernands, Rochelle	✓ Ackerman, Alan								
HQ Energy Services US	Other Suppliers	✓ Plante , Matthieu	Leuthauser, Scott	Vennes, Yannick							
Innoventive Power	Other Suppliers	Gruber, Craig	Halford, Steve								
Integrys Energy Services of New York, Inc	Other Suppliers	Haugh, Michael									
Lyonsdale Biomass, LLC	Other Suppliers	Ralston, William	Hebel , Nathan	Carrigan , Kathleen							
Mercuria Energy America, Inc.	Other Suppliers	Davis , Andrew	Younger, Mark								
Morgan Stanley Capital Group, Inc.	Other Suppliers	Murray, Patrick	Kochonies, Karen	Ezickson, Doron							
NRG Power Marketing Inc.	Other Suppliers	Joseph , Kelli	Fuller, Peter	Cona , Lisa							
NextEra Energy	Other Suppliers	Applebaum, David	Gardner, Michelle								
Noble Americas Gas & Power Corp.	Other Suppliers	Boston, Roy	Kyle , Chris	Sunga, Leonard							
Ontario Power Generation, Inc.	Other Suppliers	Lacivita, Ken	Gell, Richard	Barr, David	Sheinfield, Joel						
PSEG Energy Resource & Trade, LLC	Other Suppliers	Fromer, Howard	DePillo , Raymond	Messmer, Robert	Murawski , James						
Powerex Corporation	Other Suppliers	Tang, Glen	Dion , Julien	Fichten, Murray							
Repsol Energy North America Corporation	Other Suppliers	Moreton , Samuel	Horvath, Peter		****						
Riverbay Corporation	Other Suppliers	Merola, Peter	Ellison , Noel	Ahrens, David	Villegas, Cristina						
SESCO Enterprises, LLC	Other Suppliers	Schubiger, Michael	Thoresen, James								
Shell Energy North America, LLC	Other Suppliers	Picardi, Matt									✓ Therriault, William
Talen Energy	Other Suppliers	Hyzinski , Tom	Labella, Julie								
TransCanada Power Marketing, Ltd.	Other Suppliers	Taylor, William	D'Andrea, James	✓Congel, Dan	Hachey, Mike						
U.S. Power Generating Co.	Other Suppliers	Baker, Liam	Reese, John	✓Younger, Mark	Schwall, Matthew	Johnson, David	Wolcott, Tyler				
Viridity Energy, Inc.	Other Suppliers	Freifeld, Allen									
Vitol Inc.	Other Suppliers	Wadsworth, Joe	Viola, Bob	Kam, Kenney							

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
XO Energy NY, LP	Other Suppliers	Drangula , Carey	Thompson, Matthew	Hughes , Adam							
Central Hudson Gas & Electric Corp.	Transmission Owners	Borchert, John	Chan, Ting	Dittmann, David							
Consolidated Edison Co. of NY, Inc.	Transmission Owners	✓ Quin , Jane	Nachmias, Stuart	✓Butler, Scott	Hargett , Chris	Butterklee, Neil					
National Grid	Transmission Owners	Franey, Bart	Lodemore, David	✓ Carron , Benjamin							
New York State Electric & Gas (NYSEG)	Transmission Owners	Caletka, Patricia	Kinney, Ray	✓ Brophy , Richard							İ
Orange & Rockland Utilities, Inc.	Transmission Owners										
Rochester Gas and Electric Corp.	Transmission Owners	Caletka, Patricia	Kinney, Ray	✓Brophy, Richard							İ
Alcoa, Inc.	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey, Amanda	Lang, Kevin	•					
IBM Corporation	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey, Amanda	Lang, Kevin						
Nucor Steel Auburn, Inc.	Large Consumer	Brew , James	Radigan, Frank	Kopon, Owen	J 57						İ
Occidental Chemical Corp.	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey, Amanda	Lang, Kevin						İ
Wegmans Food Markets	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey, Amanda	Lang, Kevin						İ
Metropolitan Transportation Authority	Large Consumer Government Agency	Keller , David	Chou, Frances								
American Sugar Refining, Inc	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	Trinsey, Amanda					
Association for Energy Affordability	Small Consumer	Morris, Jackson	Hepinstall, David	Strauss , Valerie							
Beth Israel Health Care System	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	Trinsey, Amanda					
Fordham University	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	Trinsey, Amanda					
Memorial Sloan Kettering Cancer Center	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	Trinsey, Amanda					
Mount Sinai Medical Center	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	Trinsey, Amanda					
New York University	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	Mager, Michael	Trinsey, Amanda					
Utility Intervention Unit, Division of Consumer Protection, NY Dept. of State	Government Statewide Consumer Advocate	Hogan , Erin	Montalvo , Marc	✓ Kordonis , Dimitrios	Zimmerman , Michael						
City of New York	Government Small Consumer and Retail Aggregate	Lang, Kevin	Mager, Michael	Trinsey , Amanda							
NYS Energy Research & Dev. Authority	Government Small Consumer and Retail Aggregate	Hall, Christopher	Coup, David	Mas , Carl	Wilcox , James						
ong Island Power Authority	State Power Authorities	Clarke, Dave	✓ Wilczek , Mariann								
New York Power Authority	State Power Authorities	Antinori , Andrew	Boyle, Bob	Lundin, Tim	✓ Mahoney , Daniel	✓ Wilkie, Brian					
Bath Electric, Gas & Water Systems	Municipalities and Coops	Hallgren, Guy	✓Bolbrock, Richard	Cordeiro, Mark							
reeport Electric	Municipalities and Coops	Livingston , Al	Kimlingen, Ted	✓Rudebusch, Tom	Fiore , Chris						İ
amestown Board of Public Utilities	Municipalities and Coops	Gustafson, David	Leathers, David	Kulig, Steve	✓ Rudebusch, Tom						İ
ake Placid Village	Municipalities and Coops	Kroha, Peter	Bolbrock, Richard	Cordeiro, Mark	,						
Municipal Commission of Boonville	Municipalities and Coops	Stabb, Kenneth	Bolbrock, Richard	Cordeiro, Mark							•
•		1	Bolbrock, Richard	· ·							+
lattsburgh Municipal Lighting Dept	Municipalities and Coops	Treacy, William	· -	Cordeiro, Mark							•
Village of Arcade	Municipalities and Coops	Kilburn, Larry	Bolbrock, Richard	Cordeiro, Mark							-
'illage of Fairport	Municipalities and Coops	Hegarty, Matt	Bolbrock, Richard	Cordeiro, Mark							
Village of Rockville Centre	Municipalities and Coops	Andreas , Philip	Cardile , Thomas	✓ Rudebusch, Tom							
'illage of Solvay	Municipalities and Coops	Hawksby , Joe	✓Bolbrock, Richard	Cordeiro, Mark							
Village of Westfield	Municipalities and Coops	Thompson , Andrew	✓ Bolbrock, Richard	Cordeiro, Mark							
American Lung Association	Environmental	Epstein, Roni	Seilback, Michaek	Morris, Jackson							
American Wind Energy Association	Environmental	Reynolds, Anne	Gramlich, Robert								
invironmental Advocates	Environmental	Bambrick , Conor	Epstein, Roni	Morris, Jackson							
nvironmental Defense Fund	Environmental	Christian, Rory	Stein, Elizabeth								
Jatural Resources Defense Council	Environmental	Morris, Jackson	Ho , Bruce	Clements, Allison							
ACE Energy & Climate Center	Environmental	Epstein, Roni	Martin, Nicholas	Morris, Jackson							
iverkeeper	Environmental	Len , Christopher	Lucas , Mark	Epstein , Roni							
ES ES Holdings LLC	Non Voting	Hillman , Sharon	Kumaraswarmy , Kiran								
ce Energy Company, Inc.	Non Voting	Lynch, Stephen	W								
dvanced Energy Economy, Inc.	Non Voting	Katofsky , Ryan	Waggoner , Danny								
dvanced Migrogrid Solutions, Inc.	Non Voting	Jackson , Mike	Yamout , Manal								
lliance for Clean Energy New York nbaric Northeast Transmission Development Co.	Non Voting Non Voting	Reynolds , Anne Sanderson , Barry									
ppian Way Energy Partners East, LLC	Non Voting	Levy, Tal	Klein , Abram	Shen, Dong	Westlund, John	Laich, Marcus					
rdor Energy LLC	Non Voting	Breen, Erika	, , , , , , , , , , , , , , , , , , , ,	January Dolling	conuna , somi	Zaion , mucus					
oston Energy Marketing & Trading	Non Voting	Kramek , Mike									
oundless Energy, LLC	Non Voting	Tompkins John, E.	Pratt , Charles								
ruce Power	Non Voting	Viswanathan , Samira	Meyer, Sandra								
aithness Energy LLC	Non Voting	Keevill , Gary	Collins , Kevin	Garber, Mitchell							
hesapeake Trading Group, LLC	Non Voting	Staska , Stephanie	Hocker, Geoff								
ubit Power One Inc.	Non Voting	Powell , Alan	Powell , Leighton	Singer, Leonard							
ustomized Energy Solutions	Non Voting	✓ Mancini, Rick	Fernands, Stephen	Rexrode, Caryn	✓ Ackerman, Alan						
cogen	Non Voting	Hagner, Thomas	, ₽	, ,	- ,						
nergetix, Inc.	Non Voting	Comstock , Read									
inergya VM	Non Voting	Ortiz Lopez , Jose Ignacio	Adell Almazan , Miguel								
First Wind Holdings, LLC	Non Voting	Keene, John	Salehian , Afshin			İ					

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
		*	Doll , Ed	Alternate2	Alternates	Alternate4	Alternates	Alternateo	Alternate/	Proxy	Guest
Fluent Energy	Non Voting	Acampora, Peter	1			+					
Hudson River Energy Group	Non Voting	Radigan, Frank	Canfield, Richard			+					
Hydro-Quebec TransEnergie	Non Voting	Prevost , Michel	D. F. M.d.			+					
ITC Mid-Atlantic Development LLC	Non Voting	Wrenbeck , Tom	Benedict , Nathan			+					
Iberdrola Renewables Inc	Non Voting	Allen, Thresa	** 1								
Innovari, Inc.	Non Voting	Lunt, Robin	Hodges , Brent								
MAG Energy Solutions, Inc.	Non Voting	Pelletier, Simon	Vezina, Alexandre			-					
NRG Curtailment Solutions, Inc.	Non Voting	Pieniazek, Marie	Scheiderich , Jim	Lynch, Stephen	Korczykowski , Jim	-					
NYS Department of Public Service	Non Voting	Paynter, Thomas	Evans , Adam			-					
National Fuel Gas Distribution Corporation	Non Voting	Novak , Michael	Eck, Robert								-
New Athens Generating Co. LLC	Non Voting	DeVinney, Dan									
New York Transco	Non Voting	Nachmias, Stuart	Hitti , Nabil	Allen, Richard	Carrigan, Kathleen						
Noble Americas Energy Solutions	Non Voting	Sun , Jungsuk	Nakhonthap, Jade	Sunga, Leonard							
Northeast Clean Heat & Power Initiative	Non Voting	Venkataraman, Sree	Lilian, Jon	Dwyer, Herb	Brown, Ruben	Cinadr , Matt	Martin, Nicholas	Villegas, Cristina			
Northline Utilities LLC	Non Voting	McKinney , Jeff	Danskin, Susan								
NuEnergen	Non Voting	Hamilton , Sandy	Korczykowski, Ryan								
Orthogonal Energy, LLC	Non Voting	Kudryavtseva, Viktoriya									
Power Supply Services LLC	Non Voting	Phillips , Gabriel	✓ Abend , Erik								
RBC Energy Services, LP	Non Voting	Burnham, Steve	Fraiture, Christian	Doolittle, Robin							
RENEW Northeast	Non Voting	Pullaro, Francis	Krich, Abigail								
RES Americas, Inc.	Non Voting	Fernandes, John	Boyd , Dan								
Red Wolf Energy Trading, LLC	Non Voting	Sharma, Rishi									
Richard P. Felak	Non Voting	Felak, Rich									
Saracen Energy East LP	Non Voting	Peebles , Andy									
Siemens Energy, Inc.	Non Voting	Feltes, James									
SolarCity Corporation	Non Voting	Watson, Betty	Khan , Jamil	Reinhardt , Jessica		İ					
Stephentown Spindle, LLC	Non Voting	Hebert, Chris	,	, , , , , , , , , , , , , , , , , , , ,		İ					
Γaylor Biomass Energy, LLC	Non Voting	Taylor , Jim	Page , Allan								
Tesla Motors, Inc.	Non Voting	Burson , Kate	Van Cleve , Sarah								
ΓransAlta Energy Marketing (U.S.) Inc.	Non Voting	Nivolianitis , Ted	,			i					
Transmission Developers Inc.	Non Voting	Jessome , Donald	Helmer, William								1
William P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					

## NYISO Employees

Seibert, Mark

Eckels, Debbie

Bissell, Garrett

Avallone, Ethan

Dixon, Kirk

Walters, Dana Pike, Robb