Management Committee Meeting September 28, 2016 Final Motions

Motion #1:

The Management Committee (MC) approves the August 31, 2016 meeting minutes. *The motion passed unanimously*

Motion #2:

The Management Committee (MC) hereby approves revisions to the NYISO's Market Administration and Control Area Services Tariff (MST), as more fully described in the presentation entitled "Hybrid GT Pricing Improvements," made to the MC on September 28, 2016 and recommends that the NYISO Board of Directors authorize NYISO staff to file such revisions under Section 205 of the Federal Power Act.

The motion passed unanimously with abstentions

Motion #3:

WHEREAS, the ESPWG and TPAS have held a series of meetings with NYISO Staff to discuss and review the studies and analyses underlying the NYISO's findings regarding Reliability Needs in New York State; and

WHEREAS, NYISO Staff has provided a draft Reliability Needs Assessment ("RNA") dated September 20, 2016, including Appendices, for the September 28, 2016 Management Committee ("MC") meeting; and

WHEREAS, NYISO Staff has incorporated modifications to this document based on comments received at eight ESPWG/TPAS meetings from May 5, 2016 through August 25, 2016, and made a presentation of its findings based on the 2016 Reliability Needs Assessment Draft Final Report ("RNA Report") at the September 19, 2016 OC meeting; and WHEREAS, the OC reviewed and concurred with the RNA Report, with the limited modifications discussed at the OC meeting, and recommended that the MC concur with the RNA Report, as revised at the September 19, 2016 OC meeting, and that the MC recommend approval of such revised RNA Report by the NYISO Board of Directors;

NOW, THEREFORE, based on the presentation made by the NYISO at the September 28, 2016 MC meeting, the MC hereby concurs with the RNA Report as presented and discussed at the September 28, 2016 MC meeting, and hereby further recommends the approval of such RNA Report by the NYISO Board of Directors.

The motion passed unanimously

New York Independent System Operator - Committee Membership

Management Committee - September 28, 2016 - KCC - 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			1					1
Calpine	Generation Owners	Kruse, Brett	Reitmeyer, Jay	Flumerfelt, John	Schleimer, Steve						
Cricket Valley Energy Center	Generation Owners	De Meyere , Bob	Wallenstein , Arnold	Paryl , Ron		ļ					
EDP Renewables North America LLC	Generation Owners	Brodbeck, John	Kaplan , Seth	Grimes , Mike	Nemeth , Jeffrey	Dictor, Stephen					
East Coast Power, LLC	Generation Owners	Fogarty , Thomas	Marczewski, John	Lee , Tina	Franzetti , Paul	-					
Entergy Nuclear Northeast	Generation Owners	Potkin , Marc	Dell Orto , Ken	✓ Saia, Doreen	Bergeron , John	-					
Howard Wind LLC	Generation Owners	Henderson, George	Golembeski , Andrew			-					
Indeck Energy Services, Inc.	Generation Owners	Ferguson, Mike	Younger, Mark			1					1
Innovative Energy Systems	Generation Owners	Zeliff, Peter	Henningham, Scott	Koplas , David		-					
Invenergy Energy Management LLC	Generation Owners	Ma, Alex	Zadlo , Kris	Orzel , Chris		-					-
National Grid Generation LLC	Generation Owners	Kain, Terrence	McCabe , Brian			 					†
Noble Environmental Power LLC Selkirk Cogen Partners LP	Generation Owners Generation Owners	Silton , Harry Biittig Timothy	Ryan Iamaa			1					1
Selkirk Cogen Partners, LP Somerset Operating Company, LLC	Generation Owners Generation Owners	Biittig, Timothy Evanoski, Dave	Ryan , James Goodenough , Jeery	McManus , John		1					1
TC Ravenswood, Inc.	Generation Owners Generation Owners	Taylor, William	DAndrea , James	✓ Congel, Dan	Hachey, Mike						
BJ Energy LLC	Other Suppliers	Ni, Bing	Lee, George	w Congo, Dail	riacincy, wilke	1					
BJ Energy LLC BP Energy Company	Other Suppliers Other Suppliers	Ni, Bing Briscoe, Judy	Lee, George Magruder , Kathy			1					
BlueRock Energy, Inc.	Other Suppliers Other Suppliers	VanHorne, Phil	Graham , Tammy	Nichols , Jim	Yeager, Keith						
Brookfield Energy Marketing L.P.	Other Suppliers Other Suppliers	VanHorne, Phil ✓ LaRoe, Chris	Mitreski, Aleksandar	Mitelman, Rimma	Pallaire , Eric						
CPower	Other Suppliers Other Suppliers	Markham, Craig	Mitreski , Aleksandar Lacey , Frank	Damaskos , Deno	Lawrence , David						
CPower Castleton Commodities Merchant Trading L.P.	Other Suppliers Other Suppliers	Markham , Craig Stuss , Gordon	Lacey , Frank Romine , Brad	Damaskos , Deno Emmett , Robert	Lawrence, David						
Castleton Commodities Merchant Trading L.P. Citigroup Energy Inc.	Other Suppliers Other Suppliers	Stuss , Gordon Trayers, Barry	AOHIHE , DIAG	Linnen, Kobert		1					
Citigroup Energy Inc. Con Edison Solutions Inc.	Other Suppliers Other Suppliers	Mah, Norman	Dannels , Jeff								
			Wentlent, Chris	Kirk, Steven		1					
Constellation New Energy Cross Sound Cable Company, LLC	Other Suppliers Other Suppliers	McCartney, Glen Reinhart, Brian	Wentlent, Chris Rotger, Jose	mik, sieven							
DC Energy	Other Suppliers Other Suppliers	Bleiweis, Bruce	Stevens, Andrew	Tate, Matthew	Milberg, Sadao	Kuo, David					
DTE Energy	Other Suppliers Other Suppliers	Pakela, Gregory	Wieszczyk, Raymond	German, Robert	org, sadao	, 24114					
Direct Energy Business Marketing, LLC	Other Suppliers	Philips , Marjorie	Comstock , Read	- Commin, Robert							
Dynegy Marketing and Trade	Other Suppliers Other Suppliers	Roby, Rick	Ellis, Dean	Ziegler, Pete		†					
EDF Trading North America, LLC	Other Suppliers	Erbrick , Michael	LeForce , Randall	Liegioi , i ett		1					
EnerNoc	Other Suppliers Other Suppliers	Brewster, David	Breidenbaugh, Aaron	Geller, Greg		İ					
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	2		, 1	,main	6 , Olistina	,		
EnergyConnect	Other Suppliers	Campbell , Bruce	Davis, Robert	✓ Lawrence , David		1					
Exelon Generating Co. LLC	Other Suppliers	Kirk, Steven	Wentlent, Chris	, David		†					
GDF Suez Energy NA, Inc.	Other Suppliers	Levine , Jeffrey	Hawkins , Darin	Campbell, Chad		†					
Galt Power	Other Suppliers	Fernands, Rochelle	✓ Ackerman, Alan	F , C		İ					
HQ Energy Services US	Other Suppliers	Plante , Matthieu	Leuthauser, Scott	Vennes, Yannick		İ					
Innoventive Power	Other Suppliers	Gruber, Craig	Halford, Steve			1					
Integrys Energy Services of New York, Inc	Other Suppliers	Haugh, Michael	, 5.070			İ					
Lyonsdale Biomass, LLC	Other Suppliers	Ralston , William	Hebel, Nathan	Carrigan , Kathleen		1					
Mercuria Energy America, Inc.	Other Suppliers	Davis , Andrew	✓Younger, Mark	<i>y</i> ,		1					
Morgan Stanley Capital Group, Inc.	Other Suppliers	Murray, Patrick	Kochonies, Karen	Ezickson, Doron		1					
NRG Power Marketing Inc.	Other Suppliers	Joseph , Kelli	Fuller, Peter	Cona , Lisa		1					Í
NextEra Energy	Other Suppliers	Applebaum, David	Gardner, Michelle	,		İ					
Noble Americas Gas & Power Corp.	Other Suppliers	Boston , Roy	Kyle , Chris	✓Sunga, Leonard		1					
Ontario Power Generation, Inc.	Other Suppliers	Sheinfield , Joel	Barr, David	Lacivita, Ken	Gell, Richard	1					
PSEG Energy Resource & Trade, LLC	Other Suppliers	Fromer, Howard	DePillo , Raymond	Messmer , Robert	Murawski , James	İ					
Powerex Corporation	Other Suppliers	Tang, Glen	Dion , Julien	Fichten , Murray		†					
Repsol Energy North America Corporation	Other Suppliers Other Suppliers	Moreton , Samuel	Horvath, Peter	riemen , with ay		†					
Riverbay Corporation	Other Suppliers	Merola , Peter	Ellison , Noel	✓Ahrens, David	Villegas , Cristina	İ					
SESCO Enterprises, LLC	Other Suppliers	Schubiger, Michael	Thoresen, James	- Anono, David	, megas , ensuita	1					
Shell Energy North America, LLC	Other Suppliers Other Suppliers	Picardi, Matt	Kerr, Paul								
Talen Energy	Other Suppliers Other Suppliers	Hyzinski, Tom	Labella , Julie			İ					
TransCanada Power Marketing, Ltd.	Other Suppliers	Taylor, William	D'Andrea, James	✓Congel, Dan	Hachey, Mike	İ					
U.S. Power Generating Co.	Other Suppliers	✓ Baker, Liam	Reese, John	Younger, Mark	✓ Schwall , Matthew	✓ Johnson , David	Wolcott , Tyler				
-			Recot, John	Tounger, Walk	Schwan , wiattiew	Johnson , David	moicon, i yier				
Viridity Energy, Inc.	Other Suppliers	Freifeld, Allen	1	1	I	1	I		I		1

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Vitol Inc.	Other Suppliers	✓ Wadsworth , Joe	Viola , Bob	Kam , Kenney			-			•	
KO Energy NY, LP	Other Suppliers	Drangula , Carey	Thompson, Matthew	Hughes , Adam							
Central Hudson Gas & Electric Corp.	Transmission Owners	✓Borchert , John	Dittmann, David	Freni, Charles							
Consolidated Edison Co. of NY, Inc.	Transmission Owners	✓ Quin , Jane	Nachmias, Stuart	Butler, Scott	Hargett , Chris	Butterklee, Neil					
National Grid	Transmission Owners	Francy, Bart	Lodemore , David	✓ Carron , Benjamin	Trangett, Chris	Butterkiee, Iven					•
	Transmission Owners	1	· ·								
New York State Electric & Gas (NYSEG)		Kinney, Ray	Caletka, Patricia	Brophy , Richard							
Orange & Rockland Utilities, Inc.	Transmission Owners	Peverly , Frank	Hanebuth , Michelle			•					
Rochester Gas and Electric Corp.	Transmission Owners	Kinney, Ray	✓ Caletka, Patricia	Brophy , Richard	,						
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							
Occidental Chemical Corp.	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey, Amanda	✓Lang, Kevin						
Wegmans Food Markets	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey , Amanda	✓Lang, Kevin						
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	Hepinstall, David	Morris, Jackson	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	Government Statewide Consumer Advocate					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Protection, NY Dept. of State		Hogan , Erin	✓ Montalvo , Marc	Kordonis , Dimitrios	Zimmerman , Michael						
City of New York	Government Small Consumer and Retail	✓Lang, Kevin	Mager, Michael	Trinsey , Amanda							
AWGE B 10 B A 4 5	Aggregate	1 -	, , , , , , , , , , , , , , , , , , ,								
NYS Energy Research & Dev. Authority	Government Small Consumer and Retail Aggregate	Hall, Christopher	Coup, David	Mas , Carl	Wilcox , James						
Long Island Power Authority	State Power Authorities	Clarke, Dave	Wilczek , Mariann								
New York Power Authority	State Power Authorities	✓ Boyle, Bob	✓ Antinori , Andrew	Lundin, Tim	✓ Mahoney , Daniel	Wilkie, Brian					
Bath Electric, Gas & Water Systems	Municipalities and Coops	Hallgren, Guy	✓ Bolbrock, Richard	Cordeiro, Mark	, , , , , , ,						
Freeport Electric	Municipalities and Coops		· ·	✓ Rudebusch, Tom		•					
amestown Board of Public Utilities		Livingston , Al	Kimlingen, Ted		/2						
	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	Hegarty, Matt	✓ Bolbrock, Richard	Cordeiro, Mark							
Village of Rockville Centre	Municipalities and Coops	Andreas , Philip	Cardile , Thomas	✓ Rudebusch, Tom							
Village of Solvay	Municipalities and Coops	Hawksby , Joe	✓ Bolbrock, Richard	Cordeiro, Mark							
Village of Westfield	Municipalities and Coops		✓ Bolbrock, Richard	Cordeiro, Mark		•					
<u> </u>		Thompson , Andrew		· ·		•					
American Lung Association	Environmental	Epstein , Roni	Seilback, Michaek	Morris, Jackson							
American Wind Energy Association	Environmental	Reynolds , Anne Bambrick , Conor	Gramlich, Robert	Morrie Jealres							
Environmental Advocates	Environmental		Epstein , Roni	Morris, Jackson							
Natural Resources Defense Council PACE Energy & Climate Center	Environmental Environmental	Morris, Jackson	Ho , Bruce Martin , Nicholas	Clements , Allison Morris, Jackson							
		Epstein , Roni Len , Christopher	Lucas , Mark	Epstein, Roni							
iverkeeper ES ES Holdings LLC	Environmental Non Voting	-		прякий, копі							
ce Energy Company, Inc.	Non Voting Non Voting	Hillman , Sharon Lynch, Stephen	Kumaraswarmy , Kiran								
dvanced Energy Economy, Inc.	Non Voting Non Voting		Waggener Denny								
dvanced Energy Economy, Inc. lliance for Clean Energy New York	Non Voting Non Voting	Katofsky , Ryan Reynolds , Anne	Waggoner, Danny								
nbaric Northeast Transmission Development Co.	Non Voting Non Voting	Sanderson , Barry									
ppian Way Energy Partners East, LLC	Non Voting	Klein, Abram	Levy , Tal	Shen , Dong	Westlund, John	Laich, Marcus					
rdor Energy LLC	Non Voting Non Voting	Breen , Erika	Lavy, I ai	Shen , Dong	W Commin , John	Laicii , iviaicus					
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							
Chesapeake Trading Group, LLC	Non Voting	Staska, Stephanie	Hocker, Geoff	Garoer, witteness							
ubit Power One Inc.	Non Voting Non Voting	Powell , Alan	Powell , Leighton	Singer, Leonard							
ustomized Energy Solutions	Non Voting Non Voting	✓ Mancini, Rick	_	_	✓ Ackerman, Alan						
	-		Fernands, Stephen	Clemenhagen, Barbara	Ackerman, Alan						
cogen	Non Voting	Hagner, Thomas									
nergetix, Inc.	Non Voting	Comstock, Read									
Energya VM	Non Voting	Ortiz Lopez , Jose Ignacio									
First Wind Holdings, LLC	Non Voting	Keene, John	Salehian, Afshin	1	Ī	1					

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Fluent Energy	Non Voting	Acampora , Peter	Doll , Ed								
Hudson River Energy Group	Non Voting	Radigan, Frank	Canfield, Richard								
Hydro-Quebec TransEnergie	Non Voting	Prevost , Michel									
TC Mid-Atlantic Development LLC	Non Voting	Wrenbeck, Tom	Benedict, Nathan								
berdrola Renewables Inc	Non Voting	Allen, Thresa									
nnovari, Inc.	Non Voting	Lunt, Robin	Hodges , Brent								
AAG Energy Solutions, Inc.	Non Voting	Pelletier, Simon									
RG Curtailment Solutions, Inc.	Non Voting	Pieniazek, Marie	Scheiderich , Jim	Lynch, Stephen	Korczykowski, Jim						
YS Department of Public Service	Non Voting	✓ Heinrich, William	Mitchell, Tammy	Drexler, David							
National Fuel Gas Distribution Corporation	Non Voting	Holt , Ty	Polka , John								
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							
ortheast Clean Heat & Power Initiative	Non Voting	Brown, Ruben	✓Cinadr , Matt	Venkataraman, Sree	Gerow, Jordan	Martin , Nicholas	✓Ahrens, David				
Northline Utilities LLC	Non Voting	✓ McKinney , Jeff	Danskin , Susan								
JuEnergen	Non Voting	Hamilton , Sandy	Korczykowski , Ryan								
Orthogonal Energy, LLC	Non Voting	Kudryavtseva, Viktoriya	Roch , Grant								
ower Supply Services LLC	Non Voting	Phillips , Gabriel	✓ Abend, Erik								
BC Energy Services, LP	Non Voting	Burnham , Steve	Fraiture, Christian	Doolittle, Robin							
ENEW Northeast	Non Voting	Pullaro, Francis	Krich, Abigail								
ES Americas, Inc.	Non Voting	Fernandes, John	Boyd , Dan								
ed Wolf Energy Trading, LLC	Non Voting	Sharma, Rishi									
ichard P. Felak	Non Voting	Felak, Rich									
aracen Energy East LP	Non Voting	Peebles , Andy									
iemens Energy, Inc.	Non Voting	Feltes , James									
olarCity Corporation	Non Voting	Watson, Betty	Khan , Jamil	Reinhardt, Jessica							
tephentown Spindle, LLC	Non Voting	Hebert, Chris									
aylor Biomass Energy, LLC	Non Voting	Taylor, Jim	Page , Allan								
esla Motors, Inc.	Non Voting	Burson, Kate	Van Cleve , Sarah								
ransAlta Energy Marketing (U.S.) Inc.	Non Voting	Nivolianitis, Ted									
ransmission Developers Inc.	Non Voting	Jessome , Donald	Helmer, William								
Villiam P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					