Management Committee Meeting

September 26, 2018 Final Motions

Motion #1:

Motion to approve the draft June 26, 2018 Management Committee meeting minutes. *The motion passed unanimously by show of hands with an abstention.*

Motion #2:

WHEREAS, the Electric System Planning Working Group ("ESPWG") and the Transmission Planning Advisory Subcommittee ("TPAS") held a series of meetings with the NYISO Staff to discuss and review the studies and analyses underlying the NYISO's findings regarding Reliability Needs in the New York Control Area; and WHEREAS, the NYISO Staff incorporated modifications to the draft Reliability Needs Assessment Report, including Appendices (together "the draft 2018 RNA Report") based on comments received at ESPWG/TPAS meetings from February 22, 2018 through August 22, 2018;

WHEREAS, the NYISO Staff provided and presented on the draft 2018 RNA Report, at the September 12, 2018 Operating Committee meeting; and

WHEREAS, the Operating Committee voted unanimously to concur with the draft 2018 RNA Report as presented at the September 12, 2018 Operating Committee meeting, and to recommend that the Management Committee concur with and recommend approval of the RNA Report by the NYISO Board of Directors;

WHEREAS, the NYISO provided and presented on the draft 2018 RNA Report at the September 26 Management Committee meeting;

NOW, THEREFORE, based on the presentation made by the NYISO at the September 26, 2018 Management Committee meeting and the information available and presented by the NYISO to the Market Participants at that time, the Management Committee hereby concurs with the draft 2018 RNA Report as presented at the September 26, 2018 MC meeting.

The Management Committee hereby further recommends approval of the draft 2018 RNA Report by the NYISO Board of Directors.

The motion passed unanimously by show of hands.

Motion #3:

The Management Committee ("MC") hereby: (i) approves revisions to Attachment L of the Open Access Transmission Tariff, as more fully described in the presentation entitled "Revisions to OATT Attachment L" made to the MC on September 26, 2018; and (ii) recommends that the NYISO Board of Directors authorize the NYISO staff to file such revisions under Section 205 of the Federal Power Act.

The motion passed unanimously by show of hands.

Motion #4:

The Management Committee (MC) hereby approves, and recommends to the NYISO Board for filing under Section 205 of the Federal Power Act, revisions to Attachment K of the Market Administration and Control Area Services Tariff as described in the presentation entitled "Proposed Change to Unsecured Credit Scoring Model," made at the September 26, 2018 MC meeting.

The motion passed unanimously by show of hands.

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New York Independent System Operator - Committee Membership

Management Committee - September 26, 2018 - NYISO - 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						
Bayonne Energy Center, LLC	Generation Owners	Allman, Ellen	Yang, Sue	Caplan, Stu							
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	Davis , Charles	Wallenstein , Arnold	Paryl, Ron							
Danskammer Energy, LLC	Generation Owners	Reid , William	Cada, Eric								
EDP Renewables North America LLC	Generation Owners	Brodbeck, John	Kaplan, Seth	Nemeth , Jeffrey	High , Jeremy	Priemer, Dustin					
East Coast Power, LLC	Generation Owners	Fogarty , Thomas	Marczewski, John	Lee , Tina	Franzetti , Paul						
Empire Generating Co, LLC	Generation Owners	Nuss , Kurt	Argetsinger , Andrew	Willson , Darrell	Swenson, Nils	•					
Entergy Nuclear Northeast	Generation Owners		Saia, Doreen	Bergeron , John							
Helix Ravenswood LLC	Generation Owners	D'Andrea , James	Kline, Marc	DiBari , Dominic							
Howard Wind LLC	Generation Owners	Henderson, George	Golembeski , Andrew								
Indeck Energy Services, Inc.	Generation Owners	-	Younger, Mark								-
Innovative Energy Systems	Generation Owners	Zeliff, Peter	Henningham, Scott	Koplas , David							+
Invenergy Energy Management LLC	Generation Owners	Pakula , Maggie	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 , James								
Somerset Operating Company, LLC	Generation Owners	Gregson , Brian	Goodenough, Jeery	Evanoski, Dave							
BJ Energy LLC	Other Suppliers	Ni, Bing	Lee, George	Dianoski, Dave							
BP Energy Company	Other Suppliers	Chintapalli , Raj	Magruder , Kathy	✓ Ackerman, Alan							
BioUrja Power, LLC	Other Suppliers	Moore , Cody	Ward, Roxie	110110111111111, 1111111							<u> </u>
BlueRock Energy, Inc.	Other Suppliers	VanHorne , Phil	Graham , Tammy	Nichols , Jim	Yeager, Keith						
Brookfield Energy Marketing L.P.	Other Suppliers	LaRoe , Chris	Mitreski , Aleksandar	Mitelman , Rimma	Dallaire , Eric						
CPower	Other Suppliers	Dotson-Westphalen , Peter	Hourihan, Michael	Damaskos, Deno	Campbell , Bruce	•					
Castleton Commodities Merchant Trading L.P.	Other Suppliers	Stuss, Gordon	Romine , Brad	Emmett, Robert	1,						
Citigroup Energy Inc.	Other Suppliers	Trayers, Barry									
Con Edison Solutions Inc.	Other Suppliers	Mah, Norman	Dannels , Jeff								
Constellation New Energy	Other Suppliers	Barlette, Richard	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	Jeev , Kumar					
DTE Energy	Other Suppliers	Pakela, Gregory	Wieszczyk, Raymond	✓ German , Robert							
Direct Energy Business Marketing, LLC	Other Suppliers	✓ Galarneau , Kenneth	Philips , Marjorie	Comstock, Read							
Drift Marketplace, Inc.	Other Suppliers	Tilley, Alan	Robinson, Greg								
Dynegy Marketing and Trade	Other Suppliers	Frazier, Amanda	Allen, Sean								
EDF Trading North America, LLC	Other Suppliers	Erbrick , Michael	LeForce, Randall								
ENGIE Energy Marketing NA, Inc.	Other Suppliers	Levine , Jeffrey	Hawkins , Darin	Campbell , Chad							
Eastern Generation	Other Suppliers	Baker, Liam	Reese, John	✓ Younger, Mark	Schwall, Matthew	Johnson, David	Wolcott, Tyler				
EnerNoc	Other Suppliers	Brewster, David	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								
Exelon Generating Co. LLC	Other Suppliers	Barlette , Richard	Kirk , Steven								
Galt Power	Other Suppliers		Ackerman, Alan								
HQ Energy Services US	Other Suppliers	Plante , Matthieu	Leuthauser, Scott	Guilbault, Louis	Bélanger, Frédéric						
Innoventive Power	Other Suppliers	Gruber, Craig	Halford, Steve								[
Lyonsdale Biomass, LLC	Other Suppliers	Ralston , William	Hebel, Nathan	Carrigan, Kathleen							
Mercuria Energy America, Inc.	Other Suppliers	Davis , Andrew	✓Younger, Mark	Frye , Samuel							
Morgan Stanley Capital Group, Inc.	Other Suppliers	Murray, Patrick	Kochonies, Karen	Ezickson, Doron							
NRG Power Marketing Inc.	Other Suppliers	Hsia , Jennifer	Cona , Lisa	Kranz, Bradley							
New York Transco	Other Suppliers	Nachmias, Stuart	Hitti , Nabil	Caso , Rob	Carrigan , Kathleen	Dumais , Paul	McKinney , Jeff				
NextEra Energy	Other Suppliers	Applebaum, David	Gardner , Michelle	Gibelli , Stephen							
Ontario Power Generation, Inc.	Other Suppliers	Sheinfield , Joel	Barr, David	Lacivita, Ken	Gell, Richard						
PSEG Energy Resource & Trade, LLC	Other Suppliers	Fromer, Howard	DePillo , Raymond	Cimino , David	Murawski , James						
Riverbay Corporation	Other Suppliers	Merola, Peter	Ellison, Noel								
SESCO Enterprises, LLC	Other Suppliers	Schubiger, Michael	Thoresen, James								
Shell Energy North America, LLC	Other Suppliers	Picardi, Matt	Kerr , Paul								
Talen Energy	Other Suppliers	Toomey, Megan	Hohenshilt , Jennifer	Labella , Julie	Raggio, Debra						
TransCanada Power Marketing, Ltd.	Other Suppliers	Cahill , Paul	Schuler, Richard	Murphy , Tonya							
Viridity Energy, Inc.	Other Suppliers	Freifeld, Allen	I			Ţ	1	Ţ	1		I

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Vitol Inc.	Other Suppliers	Wadsworth, Joe	Viola, Bob	Kahn, Casey							
XO Energy NY, LP	Other Suppliers	Drangula, Carey	Thompson , Matthew	Hughes, Adam							
Central Hudson Gas & Electric Corp.	Transmission Owners	Borchert, John	Dittmann, David	May, Jeff	Freni, Charles						
Consolidated Edison Co. of NY, Inc.	Transmission Owners	Quin , Jane	Nachmias, Stuart	Butler, Scott	✓ Hargett , Chris	Butterklee, Neil					
National Grid	Transmission Owners	✓ Janzen, Margaret	Lodemore, David	Carron, Benjamin							
New York State Electric & Gas (NYSEG)	Transmission Owners	Lynch, Tim	✓ Caletka, Patricia	Brophy, Richard							
Orange & Rockland Utilities, Inc.	Transmission Owners	Peverly, Frank	Hanebuth, Michelle								
Rochester Gas and Electric Corp.	Transmission Owners	Lynch, Tim	✓ 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	Mackaronis , Chris								
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	✓ Breidenbaugh , Aaron	Lang, Kevin	✓ Mager, Michael	Trinsey, Amanda					
Association for Energy Affordability	Small Consumer	Strauss , Valerie	Hepinstall, David	Farmer, Miles							
Beth Israel Health Care System	Small Consumer	Luthin, Catherine	✓ Breidenbaugh , Aaron	Lang, Kevin	✓Mager, Michael	Trinsey, Amanda					
Fordham University	Small Consumer	Luthin, Catherine	✓ Breidenbaugh, Aaron	Lang, Kevin	✓ Mager, Michael	Trinsey, Amanda					
Memorial Sloan Kettering Cancer Center	Small Consumer	Luthin, Catherine	✓ Breidenbaugh, Aaron	Lang, Kevin	✓Mager, Michael	Trinsey, Amanda					
Mount Sinai Medical Center	Small Consumer	Luthin, Catherine	✓Breidenbaugh , Aaron	Lang, Kevin	✓ Mager, Michael	Trinsey, Amanda					
New York University	Small Consumer	Luthin, Catherine	✓Breidenbaugh , Aaron	Lang, Kevin	✓Mager, Michael	Trinsey, Amanda					
Utility Intervention Unit, Division of Consumer Protection, NY Dept. of State	Government Statewide Consumer Advocate	✓ Hogan , Erin	✓ Montalvo , Marc	Loiacono, Matthew	O'Hare, Katie						
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	Matteson , Schuyler					
Long Island Power Authority	State Power Authorities	Clarke, Dave	✓ Wilczek , Mariann		,						
New York Power Authority	State Power Authorities	Antinori , Andrew	Cordi , John	Kane, James	Mahoney, Daniel						
Bath Electric, Gas & Water Systems	Municipalities and Coops	Bonacci, Erin	✓ Wentlent, Chris	Cordeiro, Mark							
Freeport Electric	Municipalities and Coops	Livingston , Al	Kimlingen, Ted	Rudebusch, Tom							
Jamestown Board of Public Utilities	Municipalities and Coops	Sellstrom , Kris	Leathers, David	Allen , Cory	Rudebusch, Tom						
Lake Placid Village	Municipalities and Coops	Daby , Kimball	Wentlent, Chris	Cordeiro, Mark							
Municipal Commission of Boonville	Municipalities and Coops	Varner, Doug	Wentlent, Chris	Cordeiro, Mark							
Plattsburgh Municipal Lighting Dept	Municipalities and Coops	Treacy, William	Wentlent, Chris	Cordeiro, Mark							
Village of Arcade	Municipalities and Coops	Kilburn, Larry	Wentlent, Chris	Cordeiro, Mark							
Village of Fairport	Municipalities and Coops	Hegarty, Matt	Wentlent, Chris	Cordeiro, Mark							
Village of Rockville Centre	Municipalities and Coops	Andreas , Philip	Valenzano, Michael	Rudebusch, Tom							
Village of Solvay	Municipalities and Coops	Hawksby , Joe	Wentlent, Chris	Cordeiro, Mark							
Village of Westfield	Municipalities and Coops	Thompson , Andrew	✓ Wentlent, Chris	Cordeiro, Mark							
American Wind Energy Association	Environmental	Reynolds , Anne	Reeder, Mark	Beck, Betsy	Goggin, Michael	Grace, Gene					
Environmental Advocates	Environmental	Bambrick, Conor	Farmer, Miles	Morris, Jackson							
Environmental Defense Fund	Environmental	Christian , Rory	Stein , Elizabeth	Do Costania D							
Natural Resources Defense Council PACE Energy & Climate Center	Environmental Environmental	Farmer, Miles Musgrove, Sheryl	Morris, Jackson Taylor, Geordi	De Costanzo , Donna Farmer , Miles							
Riverkeeper	Environmental	Gallay, Paul	Jones , Abigail	Doran , Erin							
AEP On-Site Partners, LLC	Non Voting	Jansen , Joel	Kakodkar, Guatam	Doim, Lin							1
AES ES Holdings LLC	Non Voting	Hillman , Sharon	Kumaraswarmy , Kiran								
Acadia Center	Non Voting	Howe , Cullen	-, , , , , , , , , , , , , , , , , , ,								
Acadia Energy Corporation	Non Voting	Bay, John	Novak, Heather	Rappaport , Jason							
Alliance for Clean Energy New York	Non Voting	Reynolds , Anne	Dufresne, Zach	Reeder , Mark							
Anbaric Northeast Transmission Development Co.	Non Voting	Sanderson , Barry	Kosel , Howard								
Appian Way Energy Partners East, LLC	Non Voting	Klein , Abram	Levy , Tal	Shen, Dong	Westlund , John	Laich, Marcus					
Ardor Energy LLC	Non Voting	Breen, Erika									
Avangrid Renewables, Inc.	Non Voting	Kilgallen, Kevin	Sokolski , Adam								
Boston Energy Marketing & Trading	Non Voting	Kramek, Mike									
Bruce Power	Non Voting	Jain , Anshul	Meyer , Sandra								
Caithness Energy LLC	Non Voting	Keevill, Gary	Alvarez , Asavari	Garber, Mitchell							
Calpine Energy Solutions	Non Voting	Sun , Jungsuk	Nakhonthap , Jade	Sunga, Leonard							
Canandaigua Power Partners, LLC	Non Voting	Keene , John	Gaddes , Caleb	Cingon I come-1		-					-
Cubit Power One Inc. Customized Energy Solutions	Non Voting Non Voting	Powell , Alan	Powell , Leighton	Singer, Leonard	✓ Ackerman, Alan						
Customized Energy Solutions	TYON VOING	Mancini, Rick	Fernands, Stephen	Clemenhagen, Barbara	Ackerman, Alan	1		ĺ			I

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Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Earth Networks	Non Voting	King, Robert	Oberholzer, Dave								
Ecesis LLC	Non Voting	Wu , Brian									
Energya VM	Non Voting	Garcia, Francisco	Maeso, Manual	Lopez, Ana	Corvillo , Cristina						
Fluent Energy	Non Voting	Acampora, Peter	Doll , Ed								
GI Energy	Non Voting	Falcier, Peter	Robinson, James								
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								
Institute for Policy Integrity at NYU School of Law	Non Voting	Unel, Burcin	Noll, Bethany								
Key Capture Energy	Non Voting	Fitzgerald, Dan	Bishop , Jeff								
MAG Energy Solutions, Inc.	Non Voting	Pelletier, Simon									
NRG Curtailment Solutions, Inc.	Non Voting	✓ Popova , Julia	Ainspan, Malcolm	Pieniazek, Marie							
NY-BEST Consortium	Non Voting	Acker, William	Sheehan, Denise								
NYS Department of Public Service	Non Voting	✓ Heinrich, William	Mitchell, Tammy	Drexler, David							
National Fuel Gas Distribution Corporation	Non Voting	Holt, Ty	Polka , John			İ					
New Athens Generating Co. LLC	Non Voting	Tripp , Hank									
North America Transmission, LLC	Non Voting	✓ Willick , Lawrence	York , Joshua								
Northeast Clean Heat & Power Initiative	Non Voting	Venkataraman, Sree	Brown, Ruben	✓Cinadr , Matt	Dwyer , Herb	•					
Northline Utilities LLC	Non Voting	McKinney, Jeff	Danskin , Susan	- Cinadi , mad	2 yez , 11010						
NuEnergen	Non Voting	Hamilton , Sandy	Korczykowski , Ryan								
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	Doonttie , Robin		†					
RES Americas, Inc.	Non Voting	Fernandes , John	Boyd , Dan								
Red Wolf Energy Trading, LLC	Non Voting	Christian , Adam	Boyu , Dan			+					
Richard P. Felak	Non Voting	Felak, Rich				†					
TEM, Inc.	Non Voting	Ko, Ted				<u> </u>					
Garacen Energy East LP	Non Voting	Peebles , Andy									
Siemens Energy, Inc.	Non Voting	Feltes , James									
Stephentown Spindle, LLC	Non Voting	Hebert, Chris									
Caylor Biomass Energy, LLC	Non Voting	Taylor, Jim	Page, Allan								
eichos Energy, LLC	Non Voting	Maclearnsberry, Kirk	VanCoevering , Darrel								
elenos Ellergy, ELC Cesla Motors, Inc.	Non Voting	Burson , Kate	VanCoevering , Darrei Van Cleve , Sarah	Watson, Betty							
	Non Voting	· ·		waison, beny							
FransAlta Energy Marketing (U.S.) Inc.		Nivolianitis , Ted	Abend, Erik								
Transmission Developers Inc.	Non Voting	Jessome , Donald	Helmer, William	Harrison, Bob							
Fransource New York, LLC	Non Voting	Burkholder , Joshua	a								
William P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					

NYISO Employees

Jucha, John

Nelson, Emilie

Prevratil, Sheri

Niazi, Tariq

Yeomans, Wes

Popa, Laura

Patka, Carl

Chapman, Doug

Lanahan, Kevin

Smith, Zach

Hussey, Cheryl

Mukerji, Rana

Dewey, Rich

Gonzales, Rick

Fernandez, Rob

Dixon, Kirk

Jones, Brad

Bullock, Leigh

RTO Insider, Michael Kuser

Williams, Greg