Management Committee Meeting

October 28, 2015

Final Motions

Motion #1:

The Management Committee (MC) approves the September 2015 meeting minutes. *The motion passed by show of hands*

Motion #2:

Motion to consider a co-chair proposal for the 2016 Management Committee Vice-Chair Candidates, Patti Caletka and Scott Leuthauser, whereas Scott Leuthauser will serve as the MC Vice-Chair for the first six months and Patti Caletka will serve as the MC Vice-chair for the second six months.

The motion passed unanimously by show of hands

Motion #3:

The Management Committee hereby recommends that the Board of Directors approve the proposed Rate Schedule #1 Revenue Requirement for the 2016 budget year as described in the presentation materials for the October 28, 2015 Management Committee meeting, subject to the following provisions:

Revenue Requirement – The Revenue Requirement is \$148.1 million.

Rate Schedule #1 – The budgeted Rate Schedule #1 is \$0.928/MWh.

Spending Under-runs – If a spending under-run occurs, the related funds should be utilized to pay down the principal amount of outstanding debt or reduce anticipated debt borrowings. Volume Over-collections – If an over-collection on Rate Schedule #1 occurs, the related funds should be utilized to pay down the principal amount of outstanding debt or reduce anticipated debt borrowings.

The motion passed unanimously by show of hands with an abstention

Motion #4:

The Management Committee (MC) hereby approves revisions to the NYISO's Market Administration and Control Area Services Tariff (MST) and Open Access Transmission Tariff (OATT) related to the Comprehensive Scarcity Pricing proposal, as more fully described in the presentation entitled "Comprehensive Scarcity Pricing," made to the MC on October 28, 2015 and recommends that the NYISO Board of Directors authorize NYISO staff to file such revisions under Section 205 of the Federal Power Act.

The MC also requests that the NYISO and/or its Market Monitoring Unit (MMU) monitor the effects of these changes on real-time market outcomes during EDRP/SCR activations. After sufficient experience has been gained with these revised procedures, the MC requests that the NYISO and/or the MMU report to stakeholders regarding: (1) whether these revised procedures had any significant effects on dispatch efficiency and (2) whether

changes to the definition of Available Operating Capacity would have significantly affected the frequency with which scarcity pricing would have been applied.

The motion passed by show of hands with one opposition

Motion #5:

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 "Enhancements to Submitting Risk Management Policies and Procedures," made at the October 28, 2015 MC meeting.

The motion passed unanimously by show of hands

Motion #6:

The Management Committee (MC) approves and recommends that the Board of Directors approve the NYISO 2015 Congestion Assessment and Resource Integration Study Phase 1 Report (2015 CARIS Phase 1 Report) as presented by the NYISO to the MC at its October 28, 2015 meeting.

The motion passed unanimously by show of hands with abstentions

Motion #7:

The Management Committee ("MC") hereby recommends that the NYISO's Board of Directors authorize the NYISO staff to file with the Federal Energy Regulatory Commission changes to the NYISO's Open Access Transmission Tariff as described in the presentation entitled "NY Generation Attribute Tracking System Data Feed and Code of Conduct Change," made to the MC on October 28, 2015.

The motion passed unanimously by show of hands

Vice Chair Election

Scott Leuthauser and Patti Caletka were elected Vice Co-Chairs of the Management Committee for 2016.

New York Independent System Operator - Committee Membership

Management Committee - October 28, 2015 - NYISO - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Astoria Energy LLC	Generation Owners	McCall, Chuck	Habib , Phillipe	Singer, Leonard						J	
CPV Valley LLC	Generation Owners	Remillard, Steven	Litchfield, Matt	Bruno , Michael	Felak, Rich	İ					İ
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	, 500,0	, c.m.s					
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	Fisher , Amy							
Entergy Nuclear Northeast	Generation Owners	Potkin, Marc	Logan , Kathy	✓ Saia, Doreen	Del Orto , Ken						
Howard Wind LLC	Generation Owners	Henderson, George	Golembeski , Andrew	y Sain, Boreen	Del ono , nen						
Indeck Energy Services, Inc.	Generation Owners	Ferguson, Mike	Schrage, John	Younger, Mark							
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	,							
New Athens Generating Co. LLC	Generation Owners	Breen, Jack	Litchfield, Matt	DeVinney, Dan	Felak, Rich	İ					
Noble Environmental Power LLC	Generation Owners	Silton , Harry				İ					
Selkirk Cogen Partners, LP	Generation Owners	Biittig, Timothy	Ryan, James								
Somerset Operating Company, LLC	Generation Owners	✓Evanoski , Dave	Goodenough, Jeery	McManus, John							
Stephentown Spindle, LLC	Generation Owners	Hebert, Chris	Bullwinkel, Aaron	O'Brien , Robin							
TC Ravenswood, Inc.	Generation Owners	Taylor, William	DAndrea, James	Congel, Dan	Hachey, Mike	İ					•
BJ Energy LLC	Other Suppliers	Ni, Bing	Lee, George								
BP Energy Company	Other Suppliers	Prescott, Randy	Magruder, Kathy	Bassett , Jeffrey							
BlueRock Energy, Inc.	Other Suppliers	VanHorne, Phil	Gipson , Jon	Nichols , Jim	Eno , Jason						
Brookfield Energy Marketing	Other Suppliers	✓ LaRoe, Chris	Mitreski , Aleksandar	Mitelman, Rimma	Dallaire, Eric						
CPower	Other Suppliers	Markham , Craig	Lacey, Frank	Damaskos , Deno	✓ Ackerman, Alan						
Castleton Commodities Merchant Trading L.P.	Other Suppliers	Stuss, Gordon	Cheong, Mei								
Citigroup Energy Inc.	Other Suppliers	✓ Trayers, Barry				İ					
Con Edison Solutions Inc.	Other Suppliers	Mah, Norman	Dannels , Jeff								
Constellation New Energy	Other Suppliers	McCartney, Glen	Wentlent, Chris	Kirk , Steven		İ					
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 Power Marketing, Inc.	Other Suppliers	✓Roby, Rick	Ellis, Dean	Daley , Marty							•
EDF Trading North America, LLC	Other Suppliers	Erbrick, Michael	LeForce , Randall	Butey, Marty							
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			•
Energy Technology Savings	Other Suppliers	Hendler, Jeff	Ross , Valerie	Nudelman, Craig	ISRO WALL, I HOI	Brown, reacon	Tomana, wiman	, megas, cristina			
EnergyConnect	Other Suppliers	Campbell , Bruce	Davis , Robert	✓ Lawrence , David							
Exelon Generating Co. LLC	Other Suppliers	McCartney, Glen	Wentlent, Chris	Kirk, Steven	✓ Sears , Deborah						
	1	<u> </u>	Hawkins , Darin	1	Sears , Deboran						
GDF Suez Energy NA, Inc. Galt Power	Other Suppliers Other Suppliers	Levine , Jeffrey	Ackerman, Alan	Campbell , Chad							
		Fernands, Rochelle		/1d	V V 1	ŀ					
HQ Energy Services US	Other Suppliers	Bernier , Luc	Collins , Kyle	✓ Leuthauser, Scott	Vennes, Yannick						
Innoventive Power	Other Suppliers	Gruber , Craig	Halford, Steve			-				-	
Integrys Energy Services of New York, Inc Lyonsdale Biomass, LLC	Other Suppliers Other Suppliers	Haugh, Michael Ralston, William	Hebel, Nathan	Carrigan , Kathleen							
Mercuria Energy America, Inc.	Other Suppliers	Davis , Andrew	Younger, Mark	Carrigan , Kauneen							
Morgan Stanley Capital Group, Inc.	Other Suppliers	Murray, Patrick	Kochonies, Karen	Ezickson, Doron							
NRG Power Marketing Inc.	Other Suppliers	Joseph , Kelli	Fuller, Peter	Neal, David							
NextEra Energy	t e e e e e e e e e e e e e e e e e e e		Gardner, Michelle	Gil , David							
Noble Americas Gas & Power Corp.	Other Suppliers Other Suppliers	Applebaum, David Boston, Roy	Kyle , Chris	✓ Sunga , Leonard							
		•	Barr, David	1	C-11 P: 1 1	-					
Ontario Power Generation, Inc.	Other Suppliers	Sheinfield , Joel		Lacivita, Ken	Gell, Richard						
PSEG Energy Resource & Trade, LLC	Other Suppliers	Fromer, Howard	Carretta , Kenneth	Messmer , Robert	Murawski , James						
Powerex Corporation	Other Suppliers	Tang, Glen	Dion , Julien	Fichten, Murray		ŀ					
Repsol Energy North America Corporation	Other Suppliers	Moreton , Samuel	Horvath , Peter		/v	-					
Riverbay Corporation	Other Suppliers	Merola , Peter	Freedman, Herbert	Ahrens, David	✓ Villegas , Cristina						
SESCO Enterprises, LLC	Other Suppliers	Schubiger, Michael	Thoresen, James	F 15							
Shell Energy North America, LLC	Other Suppliers	Picardi, Matt	Overdyk, Marc	French, Dave							
Talen Energy	Other Suppliers	Hyzinski , Tom	Greening , Michele	Come 1 B	Had NO						
TransCanada Power Marketing, Ltd.	Other Suppliers	Taylor, William	D'Andrea, James	Congel, Dan	Hachey, Mike						
Twin Cities Power LLC	Other Suppliers	Staska, Stephanie	Dube, Alex	1	I	I	I	I	I	I	I

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
U.S. Power Generating Co.	Other Suppliers	✓Baker, Liam	Reese, John	Younger, Mark							
Viridity Energy, Inc.	Other Suppliers	Freifeld, Allen									
Vitol Inc.	Other Suppliers	Wadsworth , Joe	Viola, Bob	Kam, Kenney							
XO Energy NY, LP	Other Suppliers	Drangula, Carey	Thompson, Matthew	Hughes , Adam							
Central Hudson Gas & Electric Corp.	Transmission Owners	Borchert, John	Dittmann, David	Seitz, Diane	Freni, Charles						
Consolidated Edison Co. of NY, Inc.	Transmission Owners	Nachmias, Stuart	✓ Quin , Jane	Butterklee, Neil	✓ Altobell, Deidre	Nifora, Kristina					
National Grid	Transmission Owners	✓ Franey, Bart	Lodemore, David								
New York State Electric & Gas (NYSEG)	Transmission Owners	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	George, Quintin	Luthin, Catherine	Dowling, John	Loughney, Robert	✓ Mager, Michael	✓Lang, Kevin				
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	✓Lang, Kevin					
Fordham University	Small Consumer	Dowling, John	Luthin, Catherine	Loughney, Robert	✓Mager, Michael	✓Lang, Kevin					
Memorial Sloan Kettering Cancer Center	Small Consumer	Dowling, John	Luthin, Catherine	Loughney, Robert	✓Mager, Michael	Lang, Kevin					
Mount Sinai Medical Center	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	✓ Mager, Michael	Lang, Kevin					
New York University	Small Consumer	Luthin, Catherine	Dowling, John	Loughney, Robert	✓ Mager, Michael	✓ Lang, Kevin					
Utility Intervention Unit, Division of Consumer	Government Statewide Consumer Advocate					- Zang, Hevin					
Protection, NY Dept. of State		✓ Hogan , Erin	Rigberg, Saul	Montalvo , Marc	Pereira, Alvaro						
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	Williams, John	✓ Hall , Christopher	d'Aversa , Jon-Paul							
Long Island Power Authority	State Power Authorities	✓Clarke, Dave	✓Wilczek , Mariann								
New York Power Authority	State Power Authorities	Tartaglia , Paul	✓ Antinori , Andrew	Boyle, Bob	Fossa, Andrea	Mahoney, Daniel	Wilkie, Brian				
Bath Electric, Gas & Water Systems	Municipalities and Coops	Benesh, Matthew	✓Bolbrock, Richard	Cordeiro, Mark							
Freeport Electric	Municipalities and Coops	Livingston , Al	Kimlingen, Ted	✓ Rudebusch, Tom							
Jamestown 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							
	Municipalities and Coops	1	Bolbrock, Richard	Cordeiro, Mark							
Village of Arcade	•	Kilburn, Larry									
Village of Fairport	Municipalities and Coops	Moore, Ken	Bolbrock, Richard	Cordeiro, Mark							
Village of Rockville Centre	Municipalities and Coops	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 Environmental	Reynolds , Anne	Gramlich, Robert	Mornia Isal		+	-				-
Environmental Advocates Natural Resources Defense Council	Environmental Environmental	Bambrick , Conor Morris, Jackson	Gahl , David	Morris, Jackson		1					
PACE Energy & Climate Center	Environmental Environmental	Gahl, David	Clements , Allison Bowie , John	Kennedy , Kit Morris, Jackson							
Riverkeeper	Environmental	Gallay, Paul	Gahl, David	Morris, Jackson							
Ace Energy Company, Inc.	Non Voting	Lynch, Stephen	Sum, Duriu	manufacture, suchabili							
Alliance for Clean Energy New York	Non Voting	Reynolds , Anne									
Anbaric Northeast Transmission Development Co.	Non Voting	Sanderson , Barry									
Appian Way Energy Partners East, LLC	Non Voting	Klein , Abram	Levy , Tal	Shen, Dong	Westlund , John	Laich, Marcus					
Beacon Power LLC	Non Voting	Hebert, Chris	Bullwinkel, Aaron	O'Brien , Robin							
Boston Energy Marketing & Trading	Non Voting	✓Kramek, Mike									
Boundless Energy, LLC	Non Voting	Tompkins John, E.	Pratt , Charles								
Bruce Power	Non Voting	Viswanathan , Samira	Meyer, Sandra								
Caithness Energy LLC	Non Voting	Keevill, Gary	Collins , Kevin	Garber, Mitchell							
Cubit Power One Inc.	Non Voting	Powell , Alan	Powell , Leighton	Singer, Leonard							
Customized Energy Solutions	Non Voting	Mancini, Rick	Fernands, Stephen	Rexrode, Caryn	✓ Ackerman, Alan	Lundin, Tim					
Demand Response Partners	Non Voting	Dorn , Andrew	Almeter, Carl	Hourihan, Michael							
Ecogen	Non Voting	Hagner, Thomas				-					
Energetix, Inc.	Non Voting	Comstock, Read	i .	Í.	i	ı	i	i	1	i	1

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Energya VM	Non Voting	Ortiz Lopez , Jose Ignacio	Velasco Fernandez , Jorge								
First Wind Holdings, LLC	Non Voting	Keene, John	Salehian, Afshin								
Fluent Energy	Non Voting	Acampora , Peter	Begley, Jeff	Doll , Ed							
Great Bay Energy IV, LLC	Non Voting	Franco, Eugene	Colon , Antonio								
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									
innovari, Inc.	Non Voting	Lunt, Robin	Hodges, Brent								
MAG Energy Solutions, Inc.	Non Voting	Gauthier, Martin	Roberge, Martin								
NYS Department of Public Service	Non Voting	✓ Heinrich, William	Mitchell, Tammy	Drexler, David							
National Fuel Gas Distribution Corporation	Non Voting	Rucinski, Randy	Polka , John								
New York Transco	Non Voting	Nachmias, Stuart	Lahtinen , James	Allen, Richard							
Noble Americas Energy Solutions	Non Voting	Sun, Jungsuk	Nakhonthap, Jade	✓ Sunga, Leonard							
Northeast Clean Heat & Power Initiative	Non Voting	Brown, Ruben	Banach, Timothy	✓Cinadr, Matt	De Veer, Henrietta	Martin , Nicholas	Ahrens, David				
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							
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									
aranac Power Partners	Non Voting	Wible, Steven									
iemens Energy, Inc.	Non Voting	Feltes, James									
aylor Biomass Energy, LLC	Non Voting	Taylor , Jim	Page , Allan								
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					

NYISO Employees

Avallone, Ethan

Bub, John

Buechler, John

Bullock, Leigh

Chao, Henry

DeSocio, Mike

Dewey, Rich

Dixon, Kirk

Duffy, Tim

Fernandez, Rob

Gonzales, Rick

Hussey, Cheryl

Nelson, Emilie

Prevratil, Sheri

Schnell, Alex

Sharp, Chris Whitley, Stephen

Yeomans, Wes