NYISO Business Issues Committee Meeting Minutes April 11, 2022 10:00 a.m. – 10:20 a.m.

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

Mr. John Marczewski (East Coast Power) called the meeting to order at 10:00 a.m. The members of the BIC identified themselves and attendance was recorded. A quorum was determined.

2. Market Operations Report

Mr. Rana Mukerji (NYISO) reviewed the market operations report included with the meeting material.

Mr. Chris Wentlent (MEUA) asked whether increasing fuel costs in addition to transmission outages for ongoing public policy transmission upgrade project construction are the main factors for the increase in energy costs compared to March 2021. Mr. Mukerji stated that the year-over-year increase in fuel costs is a primary driver of the observed increase in wholesale energy costs compared to last year.

3. NYISO document revisions needed to share GFER survey results

Mr. John Stevenson (NYISO) reviewed the presentation included with the meeting material. There were no questions or comments.

Motion #1:

The Business Issue Committee ("BIC") hereby approves the revisions to the Transmission and Dispatch Operations Manual regarding the updates required to share Generator Fuel and Emissions Reporting (GFER) results with all New York Transmission Operators (TOPs). The applicable revisions approved by the BIC shall become effective April 29, 2022.

Motion passed unanimously.

4. Working Group Updates

- <u>Billing and Accounting and Credit Working Group</u>: The group met on March 21, 2022 and reviewed: (1) the standard accounting/settlement reports; and (2) an update regarding enhancements to meter data reporting procedures currently anticipated to be implemented in Q4 2022.
- <u>Electric System Planning Working Group</u>: The group has met twice since the last BIC meeting, including a joint meeting with LFTF. The group met on March 24, 2022 and reviewed: (1) a presentation by NYPA to provide an update regarding its Western New York Science and Technology Manufacturing Park upgrade project; (2) presentations by Consolidated Edison and National Grid regarding updates to their respective local transmission plans; (3) 2022 load forecast updates including the preliminary long-term energy and peak load forecasts, load forecast uncertainty assumptions, and the impacts electric vehicle charging; (4) preliminary modeling assumptions and potential scenarios related to the 2022 Reliability Needs Assessment; (5) an overview of considerations related to the use of new load shape and load forecast uncertainty assumptions for GE Multi-Area Reliability Simulation (MARS) analyses; and (6) an update regarding the ongoing 2021-2040 System & Resource Outlook study. On April 1, 2022, the group met and reviewed: (1) preliminary modeling assumptions and topology changes related to the 2022 Reliability Needs Assessment; (2) an overview of comments in response to the results of the Viability and Sufficiency Assessment for proposals submitted in response to the Public Policy Transmission Need related to facilitating the delivery of power from offshore wind facilities; and (3) an update regarding the ongoing 2021-2040 System & Resource Outlook study.
- <u>Installed Capacity Working Group</u>: The group has met jointly with MIWG and PRLWG three times since the last BIC meeting. On March 16, 2022, the group met and reviewed topics related to Phase 2 of the improving capacity accreditation initiative, including considerations related to the development of capacity accreditation resource classes, and the determination of unforced capacity values for capacity suppliers. The group met on March 25, 2022, and reviewed: (1) proposed capacity market participation rules for hybrid storage resources;

and (2) an overview of preliminary results from an assessment requested by the NYSRC Installed Capacity Subcommittee to evaluate the potential installed reserve margin and locational capacity requirement impacts related to the implementation of the transmission upgrades developed for the AC Transmission Public Policy Transmission Need and generator retirements anticipated in response to the NYSDEC's "peaker rule." The group also met on March 31, 2022 and reviewed: (1) topics related to Phase 2 of the improving capacity accreditation initiative, including considerations for representative unit modeling in determining marginal capacity accreditation factors; (2) a presentation by GE Energy Consulting regarding the considerations for conducting effective load carrying capability (ELCC) modeling for purposes of determining the marginal reliability value of capacity resources; and (3) proposed changes to the current rules governing the expiration and transfer of Capacity Resource Interconnection Service.

- <u>Load Forecasting Task Force</u>: The group met jointly with ESPWG on March 24, 2022 and reviewed 2022 load forecast updates including the preliminary long-term energy and peak load forecasts, load forecast uncertainty assumptions, and the impacts electric vehicle charging.
- Market Issues Working Group: The group has met jointly with ICAPWG and/or PRLWG five times since the last BIC meeting. The group met on March 16, 2022 and reviewed: (1) considerations related to energy market participation of internal controllable transmission facilities; and (2) an overview of the NYISO's compliance obligations in response to FERC Order No. 881 relating to the use of ambient-adjusted ratings for transmission facilities. On March 25, 2022, the group met and reviewed: (1) proposed rules for the participation of hybrid storage resources in the energy and ancillary services markets; (2) proposed changes to the Transmission and Dispatch Operations Manual and Generator Fuel and Emissions Reporting User's Guide to permit the sharing of fuel and emission data reported by generators with transmission operators in New York as required by new reliability standards implemented by NERC; and (3) topics related to the implementation of the distributed energy resource (DER) participation model, including enrollment and operational coordination requirements with transmission owners and distribution utilities. The group met on March 31, 2022 and reviewed the operational results for New York wind and solar resources during 2021. On April 5, 2022, the group met and reviewed: (1) potential enhancements to address the pricing of redundant transmission constraints on in-series and parallel line segments as part of the transmission constraint pricing logic; (2) considerations related to potential enhancements to improve the modeling of the reserve capability provided by duct-firing technology installed at combine cycle units; and (3) an overview of potential modeling assumptions for conducting the 2022 study to assess certain matters related to the ongoing transition of New York's electric grid. The group also met on April 6, 2022 and reviewed: (1) topics related to the implementation of the DER participation model, including communications and telemetry requirements and rules for the participation of DER aggregations in the ancillary services markets; (2) an overview of the process for establishing the necessary telemetry and communications to participate in the NYISO markets; (3) a presentation by Voltus proposing the consideration of alternative communications and telemetry requirements for DER; (4) an evaluation of historical performance by reserve providers during reserve pick-up events; and (5) considerations related to the potential development of a reserve provider performance penalty mechanism.
- <u>Price Responsive Load Working Group</u>: The group has met jointly with ICAPWG and/or MIWG five times since the last BIC meeting (<u>i.e.</u>, March 16, 2022, March 25, 2022, March 31, 2022, April 5, 2022, and April 6, 2022). At each meeting, the group reviewed the agenda topics related to distributed energy resources, energy storage resources and/or the NYISO-administered demand response programs.

5. New Business

There was no new business.

Meeting adjourned at 10:20 a.m.

Business Issue Committee April 11, 2022 Final Motion

Motion #1:

The Business Issue Committee ("BIC") hereby approves the revisions to the Transmission and Dispatch Operations Manual regarding the updates required to share Generator Fuel and Emissions Reporting (GFER) results with all New York Transmission Operators (TOPs). The applicable revisions approved by the BIC shall become effective April 29, 2022.

Motion passed unanimously.

New York Independent System Operator - Committee Membership

Business Issues Committee - April 11, 2022 - WebEx - Parties Checked in Attendance

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
storia Energy LLC	Generation Owners	McCall, Chuck	Browne, Scott	Habib , Phillipe	Singer, Leonard					*	
yonne Energy Center, LLC	Generation Owners	Allman, Ellen	Fromer, Howard								
rrego Solar Systems, Inc.	Generation Owners	Stines, Zachary	Delaney, Liz	Cox-Arslan, Kathryn	Kale, Mrinmayee	Miralda , Jessica	Fisher, Kayleigh				
V Valley LLC	Generation Owners	Jerke , Dan	Rumsey, Tom	Litchfield , Matt							
lpine	Generation Owners	Kruse, Brett	Reitmeyer, Jay	Flumerfelt, John	Schleimer, Steve						
vanta Niagara, LP	Generation Owners	Burke , David	Abbott , Sharon								
cket Valley Energy Center	Generation Owners	Davis, Charles	Wallenstein, Arnold	Paryl, Ron							
press Creek Renewables	Generation Owners	Kemp , Melissa	Silliman, Keith	Scavo , Marisa							
nskammer Energy, LLC	Generation Owners	Reid, William	Cada, Eric								
P Renewables North America LLC	Generation Owners	Brodbeck , John	Loturco, Thomas	High , Jeremy	Priemer, Dustin	Zhang , Kathy					
st Coast Power, LLC	Generation Owners	Pieniazek, Marie	McEachern, Ben	Moore , Kyle	O'Brien, John	Franzetti , Paul	🗸 Marczewski, John				
npire Generating Co, LLC	Generation Owners	Morris, Chandler	Maida , Jeff	Hudson, Daniel							
tergy Nuclear Northeast	Generation Owners	Dell Orto , Ken	Saia, Doreen	Bergeron, John							
nOn Bowline, LLC	Generation Owners	Younger, Mark	Rutz, Shaun	Sacks, Jon	Freysinger, Dave						
idePath Power Solutions LLC	Generation Owners	McKissack, Chris	Baur, Sean	Vickery , Chris	Labij, Denis	Arega , Robel					
lix Ravenswood LLC	Generation Owners	D'Andrea , James	Galarneau, Kenneth	Toomey, Peter							
ward Wind LLC	Generation Owners	Smith, David	Brocks , Annette	Rohrbach, John							
leck Energy Services, Inc.	Generation Owners	Ferguson, Mike	Vounger, Mark								
novative Energy Systems	Generation Owners	Zeliff, Peter	Henningham, Scott								
venergy Energy Management LLC	Generation Owners	Bangston, Kaley	Goldstein, Michael	Orzel, Chris							
y Capture Energy	Generation Owners	Goldwasser, Rachel	Musher, Daniel	Fitzgerald, Dan							
H Rockaway Peakers, LLC	Generation Owners	Preedy, James	Telford, Kevin	Mann, Michael							
ional Grid Generation LLC	Generation Owners	Kain, Terrence	McCabe, Brian								
rth East Offshore, LLC	Generation Owners	Reynolds, Melissa									
kirk Cogen Partners, LP	Generation Owners	Biittig, Timothy		· · ·							
cour Wind Energy LLC	Generation Owners	Sherman , Chris	Dowd, Robert	Vincent, Martin							
Energy Company	Other Suppliers	Ellis, Dean	Chintapalli , Raj	🗸 Ackerman, Alan							
okfield Energy Marketing L.P.	Other Suppliers	LaRoe , Chris	Talamo, Marco	Dziedzic, Tomasz	Madonna , Phil						
I Energy Services, Inc.	Other Suppliers	Berrien, SaLisa	Rabinowitz , Jake								
tleton Commodities Merchant Trading L.P.	Other Suppliers	Miraval, Marissa	Stuss , Gordon								
ntrica Business Solutions Optimize, LLC	Other Suppliers	Breidenbaugh, Aaron	Discuis (111)								
igroup Energy Inc.	Other Suppliers	Gollomp , Jeffrey	Bisaria, Shikher								
nsolidated Edison Energy, Inc.	Other Suppliers	Flagler, Grant	Napoli, Matthew								
nstellation New Energy	Other Suppliers	Barlette, Richard	Kirk, Steven								
biss Sound Cable Company, LLC	Other Suppliers	Reinhart, Brian	Rotger, Jose	Milhaus Gad	Eana Ean						
Energy	Other Suppliers	Bleiweis, Bruce	Tate, Matthew	Milberg, Sadao	Feng , Fan						
E Energy	Other Suppliers	German, Robert	Pakela, Gregory								
ect Energy Business Marketing, LLC legy Marketing and Trade	Other Suppliers	Carrier , Ron Weinstein , Andrew	Morris , Sandra Allen , Sean								
EL X	Other Suppliers Other Suppliers	Macrae, Michael	Geller, Greg								
GIE Energy Marketing NA, Inc.	Other Suppliers	Bresolin, Sarah	Levine , Jeffrey	Hawkins , Darin							
tern Generation	Other Suppliers	Baker, Liam	Reese, John	Vounger, Mark	Schwall, Matthew	Johnson, David	Saia, Doreen	Perdeck , Zachary	Zaludek, Michelle		
rgy Spectrum	Other Suppliers	David, Gary	Ahrens, David	Neiburg, David	Iskowitz, Aron	Brown, Ruben	Pentland, William	Villegas, Cristina	Cinadr , Matt		
rgy Technology Savings Inc. d/b/a Logical Idings	Other Suppliers	Hendler, Jeff	Ross, Valerie	Little g, Duriu				·	Cantor , matt		
lon Generating Co. LLC	Other Suppliers	Barlette, Richard	Kirk , Steven								
Power	Other Suppliers	Simko , Elliott	🗸 Ackerman, Alan								
Energy Services US	Other Suppliers	Vennes, Yannick	Vezina, Louis	🗸 Leuthauser, Scott	Guilbault, Louis	Bélanger , Frédéric					
oventive Power	Other Suppliers	Gruber, Craig	Halford, Steve	-				1			
curia Energy America, Inc.	Other Suppliers	Davis, Andrew	Vounger, Mark	Gross, Jordan				1			
gan Stanley Capital Group, Inc.	Other Suppliers	Kochonies, Karen	Meditz, Alex	Grimes, Jordan				1			
G Power Marketing Inc.	Other Suppliers	Fitch, Neal	Popova , Julia	Hsia, Jennifer	Cona , Lisa	Kranz , Bradley					
VY York Transco	Other Suppliers	Mullin , Victor	Caso, Rob	Carrigan, Kathleen	Haering, Paul	,,		1			
tEra Energy	Other Suppliers	Gardner, Michelle	Dietrich , Cheryl	Hollis, Gabriel	6,			1			
ario Power Generation, Inc.	Other Suppliers	Lauritsen , Kim									
G Energy Resource & Trade, LLC	Other Suppliers	Corash , Richard	DePillo, Raymond	Cimino , David	Dillon , George			1			
erbay Corporation	Other Suppliers	Merola, Peter	Ellison, Noel					1			
CO Enterprises, LLC	Other Suppliers	Schubiger, Michael	Thoresen, James								
ll Energy North America, LLC	Other Suppliers	Picardi, Matt	✓ Dannels , Jeff								
phentown Spindle, LLC	Other Suppliers	Streeter, Christopher									

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6
Talen Energy	Other Suppliers	Toomey, Megan	Hohenshilt, Jennifer	Labella , Julie	Raggio , Debra			
Viridity Energy, Inc.	Other Suppliers	Pavo, Michael	Butt, Justin	Ward, Theodora	Schulze, Jim	Misciagna , Mark		
Vitol Inc.	Other Suppliers	Wadsworth , Joe	Conn, Averill	Kahn , Casey				
XO Energy NY, LP	Other Suppliers	Drangula , Carey	Thompson , Matthew	Hughes, Adam				
Central Hudson Gas & Electric Corp.	Transmission Owners	May , Jeff	🗸 Chan, Ting	Jolly, James	Delmar, Valerie			
Consolidated Edison Co. of NY, Inc.	Transmission Owners	Lazarus , Dana	Kiselev, Dimitry	Seireg , Bahaa	Raup, Chris	Butterklee, Neil	LoFrumento, Susan	
National Grid	Transmission Owners	Janzen , Margaret	Lodemore, David	Gonsalves, Shelanda				
New York State Electric & Gas (NYSEG)	Transmission Owners	Caletka, Patricia	Brophy, Richard	Lynch, Tim				
Orange & Rockland Utilities, Inc.	Transmission Owners							
Rochester Gas and Electric Corp.	Transmission Owners	Caletka, Patricia	Brophy, Richard	Lynch, Tim				
Alcoa, Inc.	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey, Amanda	Goodman, Jay	Lang, Kevin		
GlobalFoundries, U.S., Inc.	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey, Amanda	Goodman, Jay	Lang, Kevin		
IBM Corporation	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey, Amanda	Goodman, Jay	Lang, Kevin		
Nucor Steel Auburn, Inc.	Large Consumer	Brew , James	Mackaronis, Chris	V Baker , Laura	Briscar, Joseph			
Wegmans Food Markets	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey, Amanda	Goodman, Jay	Lang, Kevin		
Metropolitan Transportation Authority	Large Consumer Government Agency	Keller, David	Chou, Frances	,				
Beth Israel Health Care System	Small Consumer	Duncan, Taylor	Lang, Kevin	Mager, Michael	Trinsey, Amanda			
Fordham University	Small Consumer	Duncan, Taylor	Lang, Kevin	Mager, Michael	Trinsey, Amanda	Goodman, Jay		
Memorial Sloan Kettering Cancer Center	Small Consumer	Duncan, Taylor	Lang, Kevin	Mager, Michael	Trinsey, Amanda			
Mount Sinai Medical Center	Small Consumer	Duncan, Taylor	Lang, Kevin	Mager, Michael	Trinsey, Amanda			
New York University	Small Consumer	Duncan, Taylor	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					
City of New York	Government Small Consumer and Retail Aggregate Government Small Consumer and Retail	Lang, Kevin	Mager, Michael	Trinsey, Amanda				
NYS Energy Research & Dev. Authority	Aggregate	Hall, Christopher	Matteson, Schuyler	Zielinski , Andrew	Mas , Carl	Coup, David		
Long Island Power Authority	State Power Authorities	Clarke, Dave	Wilczek , Mariann	~				
New York Power Authority	State Power Authorities	Antinori , Andrew	Michaels, Alan	Cordi , John	Kane, James			
Bath Electric, Gas & Water Systems	Municipalities and Coops	Bonacci, Erin	Wentlent, Chris	Cordeiro, Mark				
Freeport Electric	Municipalities and Coops	Livingston , Al	Rudebusch, Tom	Fiore, Chris				
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 Clean Power Association	Environmental Environmental	Reynolds, Anne	Reeder, Mark	Fink, Sari	Tabak , Gabe	Grace, Gene		
Environmental Advocates Environmental Defense Fund	Environmental	Bambrick , Conor Peress J., Naim	Casey, Christopher Stein, Elizabeth	Murray , Frank Karas , Natalie	Murphy , Erin			
Natural Resources Defense Council	Environmental	Casey, Christopher	Howe, Cullen	Murray, Frank	Walsh , Christy			
New York City Environmental Justice Alliance	Environmental	Garcia, Carlos	Bautista, Eddie					
PACE Energy & Climate Center	Environmental	Hart, Craig	Valova, Radina	Howe, Cullen				
Riverkeeper	Environmental	Webster, Richard	Morris, Jackson					
AES ES Holdings LLC	Non Voting	Hillman, Sharon	Kumaraswarmy , Kiran					
Able Grid Energy Solutions, Inc.	Non Voting	Lines , Sam	Mills , Sara					
Acadia Center	Non Voting	Donovan, Deborah						
Alliance for Clean Energy New York	Non Voting	Reynolds, Anne	Reeder, Mark	Addepalli, Raj	Rabin , Kyle			
Anbaric Development Partners, LLC Appian Way Energy Partners East, LLC	Non Voting Non Voting	Kosel , Howard Levy , Tal	Sanderson , Bryan Klein , Abram	Bruno , Clarke Shen , Dong	Westlund , John	Laich, Marcus		
Ardor Energy LLC	Non Voting	Breen, Erika	Keni , Abran	Silen , Dolig	westund , John	Laich, Marcus		
Avangrid Renewables, Inc.	Non Voting	Kilgallen , Kevin	Sokolski , Adam					
Bakerstand Solar, LLC	Non Voting	Caplan , Michael						
Bloom Energy	Non Voting	Noonan, Brian						
Boston Energy Marketing & Trading	Non Voting	🗸 Kramek , Mike						
Bruce Power	Non Voting	Jain, Anshul	Meyer, Sandra					
CPower	Non Voting	Dotson-Westphalen, Peter		Damaskos, Deno	Campbell, Bruce			
Caithness Energy LLC	Non Voting	Keevill, Gary	Alvarez, Asavari	Garber, Mitchell				
Calpine Energy Solutions	Non Voting	Sun , Jungsuk	Nakhonthap, Jade	Sunga, Leonard				
ConnectGen East, LLC Cubit Power One Inc.	Non Voting Non Voting	Rieman , Derek Powell , Alan	Nash , Colleen Powell , Leighton	Turner, Becky Singer, Leonard				
Cuon rowei One me.	livon voung	rowen, Alan	rowen, Leignion	Singer, Leonard	I	I	I	I

6	Alternate7	Proxy	Guest
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Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7
Customized Energy Solutions	Non Voting	Mancini, Rick	Fernands, Stephen	Rexrode, Caryn	🗸 Ackerman, Alan				
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						
Hanwha Q CELLS USA Corp.	Non Voting	Miller , Amy							
Hudson River Energy Group	Non Voting	Radigan, Frank	Canfield, Richard						
Hydro-Quebec TransEnergie	Non Voting	Prevost, Michel							
ITC Mid-Atlantic Development LLC	Non Voting	Wrenbeck, Tom	Benedict, Nathan						
Institute for Policy Integrity at NYU School of Law	Non Voting	Unel, Burcin	Gundlach, Justin	Ladin , Sarah					
Jupiter Power LLC	Non Voting	Smith , Caitlin							
LS Power Grid NY	Non Voting	Willick , Lawrence	🗸 Lundin , Tim	Brau, Brian	York , Joshua				
Lockport Energy Assoc.	Non Voting	Gesicki , Thomas	Youngberg , Mar y						
Lyonsdale Biomass, LLC	Non Voting	Ralston, William	Hebel, Nathan	Carrigan, Kathleen					
MAG Energy Solutions, Inc.	Non Voting	Pelletier, Simon	Vezina, Alexandre						
Marathon Energy	Non Voting	Nichols, Jim	Yeager, Keith						
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	Paynter, Thomas	Evans, Adam						
National Fuel Gas Distribution Corporation	Non Voting	Stankovski, Maryann	Eck , Robert						
New Athens Generating Co. LLC	Non Voting	Tripp, Hank							
Northeast Clean Heat & Power Initiative	Non Voting	Melpignano , Kristin	Brown, Ruben	Cinadr , Matt	Dwyer, Herb	Lillian , Jon			
NuEnergen	Non Voting	Nole, Anthony	Hamilton, Kevin						
Plus Power, LLC	Non Voting	Fraenkel, Alex							
RENEW Northeast	Non Voting	Pullaro, Francis	Krich, Abigail						
Richard P. Felak	Non Voting	Felak, Rich							
Rodan Energy Solutions (USA) Inc.	Non Voting	Young , Craig							
Saracen Energy East LP	Non Voting	Peebles, Andy	Theriot, Kim						
Savion, LLC	Non Voting	Doering, Anthony	Sunderman, Derek						
Siemens Energy, Inc.	Non Voting	Feltes, James							
Taylor Biomass Energy, LLC	Non Voting	Taylor , Jim	Page , Allan						
Teichos Energy, LLC	Non Voting	Maclearnsberry, Kirk	VanCoevering , Darrel						
Tesla, Inc.	Non Voting	Van Cleve , Sarah	Gilfenbaum , Eliah						
TransAlta Energy Marketing (U.S.) Inc.	Non Voting	Nivolianitis, Ted	Abend, Erik						
Transmission Developers Inc.	Non Voting	Jessome, Donald	Helmer, William	Harrison, Bob	Coxe, Raymond				
Transource New York, LLC	Non Voting	Rupert, David	Cundiff, Robert						
Voltus, Inc.	Non Voting	Guernsey , Dana	Amores, Angel	Fan, Jianing	Bates-Wannop , Allison	Konidena, Rao			
Wheelabrator Technologies, Inc.	Non Voting	Goldie , Reg	Ginnetti, Jim	-	-				
William P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim			

6	Alternate7	Proxy	Guest	