NYISO Business Issues Committee Meeting Minutes May 13, 2019 10:00 a.m. - 12:15 p.m.

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

Mr. Aaron Breidenbaugh (Consumer Power Advocates) 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. Market Operations Report and Broader Regional Markets Report

Mr. Robb Pike (NYISO) reviewed the Market Operations report posted with the meeting material. There were no questions or comments regarding the Market Operations report.

Mr. Pike reviewed the Broader Regional Markets report included with the meeting material. There were no questions or comments regarding the Broader Regional Markets report.

3. 2018 State of the Market Report

Mr. Pallas LeeVanSchaick (Potomac Economics) provided an overview of the 2018 State of the Market report. A detailed review of the market results and recommendations will take place at the May 17, 2019 ICAPWG/MIWG meeting.

4. Proposed Changes to Allowed Security from Foreign Entities

Ms. Sheri Prevratil (NYISO) reviewed the presentation included with the meeting material.

Mr. Andrew Antinori (NYPA) asked for clarification regarding whether the proposal includes any form of grandfathering or other transitionary mechanism for the four foreign entities that currently post cash collateral. Ms. Prevratil clarified that the proposal would prohibit all foreign entities (non U.S. or Canadian entities) from posting cash collateral going forward and the four affected foreign entities would be required to provide an alternative form of allowable collateral to comply with the proposed changes.

Mr. Mark Younger (Hudson Energy Economics) asked whether the four affected foreign entities all post cash collateral. Ms. Prevratil stated that the four affected foreign entities all currently post cash collateral and the NYISO has communicated with the affected entities about the proposal.

Mr. Howard Fromer (PSEG) asked why Canadian entities would be allowed to continue to post cash collateral. Ms. Prevratil (NYISO) noted that with respect to Canadian entities, the NYISO's bankruptcy counsel has informed the NYISO that the Canadian courts would typically defer to U.S. bankruptcy laws as it relates to cash collateral that may have been provided to the NYISO by a Canadian entity; therefore, the NYISO remains comfortable that its ability to utilize cash collateral from Canadian entities would be equivalent to the ability to use cash collateral posted by U.S. entities in the event of a bankruptcy filing.

Mr. Fromer asked for clarification regarding what protections apply to the other allowable forms of secured collateral to ensure that the NYISO is adequately protected in the event of a bankruptcy. Ms. Prevratil stated that applicable rules require other forms of secured collateral (i.e., letter of credit, corporate guaranty and surety bond) be provided by either a qualifying U.S. or Canadian entity.

Motion #1:

The Business Issues Committee (BIC) hereby recommends that the Management Committee approve, and recommend 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 Acceptable Collateral for Foreign Market Participants," made at the May 13, 2019 BIC meeting. Motion passed unanimously.

5. Proposed Revisions to NYISO-PJM Joint Operating Agreement

Mr. Cameron McPherson (NYISO) reviewed the presentation included with the meeting material.

Mr. Fromer asked whether any concerns have been raised by PJM stakeholders as part of their review of the proposed revisions. Mr. McPherson stated that PJM has reported to the NYISO that PJM's stakeholders have not raised any material concerns with respect to the proposed revisions to the Joint Operating Agreement.

Mr. Fromer asked for information regarding the total settlement value of re-dispatch operations under the Joint Operating Agreement during 2018. Mr. McPherson noted that for re-dispatch, New York currently only has two active flowgates and has not utilized re-dispatch for these flowgates since 2016.

Motion #2:

The Business Issues Committee ("BIC") hereby recommends that the Management Committee ("MC") approve revisions to Attachment CC of the NYISO's Open Access Transmission Tariff (OATT), as more fully described in the "NYISO-PJM JOA Changes" presentation made to the BIC on May 13, 2019.

Motion passed unanimously with abstentions.

6. Proposed Revisions to the Economic Planning Process Manual

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

Motion #3:

The Business Issues Committee (BIC) hereby approves the proposed changes to the Economic Planning Process Manual as presented and described at the May 13, 2019 BIC Meeting.

Motion passed unanimously with abstentions.

7. Working Group Updates

- <u>Billing and Accounting and Credit Working Group</u>: The group met on April 26, 2019 and reviewed the standard accounting/settlement reports, and proposed changes to the forms of secured collateral that can be provided by foreign Market Participants.
- <u>Electric System Planning Working Group</u>: The group met on May 3, 2019 and reviewed the key study assumptions for the Generator Deactivation Assessment for the Lyonsdale Biomass facility, the draft study report for Class Year 2017-2, and potential improvements to the Class Year Study and interconnection processes.
- Installed Capacity Working Group: The group has met jointly with MIWG, ESPWG and/or PRLWG five times since • the last BIC meeting. On April 23, 2019, the group met and reviewed the initial draft 2019 Master Plan outlining a strategic vision for market design initiatives over the next five years, and a presentation by Analysis Group regarding updates to the scope of its supplemental analysis regarding the potential impacts of the proposed carbon pricing initiative. The group met on April 30, 2019 and reviewed a verbal update regarding the planned response to the supplemental information request from FERC in response to the NYISO's compliance proposal for FERC Order No. 841 related to energy storage resources, and the proposal for calculating "LBMPc" as part of the carbon pricing initiative. The group met on May 3, 2019 and reviewed the draft study report for Class Year 2017-2. On May 6, 2019, the group met and reviewed considerations related to reviewing the deliverability requirements for external capacity suppliers, and a presentation by Potomac Economics regarding its concerns with certain aspects of make whole payments for external capacity suppliers included in the proposal addressing performance requirements for external capacity suppliers in response to a Supplemental Resource Evaluation (SRE) request. The group also met on May 9, 2019 and reviewed a proposal for revising the availability calculation methodologies for capacity supply resources, considerations regarding potential revisions to the competitive entry exemption of the buyer-side mitigation rules to address repowering proposals, a presentation by Potomac Economics regarding

its evaluation of the potential impacts of the proposed carbon pricing initiative, and supplemental tariff revisions related to the proposal for addressing the performance requirements of external capacity suppliers in response to a SRE request.

- <u>Load Forecasting Task Force</u>: The group has not met since the last BIC meeting.
- <u>Market Issues Working Group</u>: The group has met jointly with ICAPWG and/or PRLWG three times since the last BIC meeting. On April 23, 2019, the group met and reviewed the initial draft 2019 Master Plan outlining a strategic vision for market design initiatives over the next five years, and a presentation by Analysis Group regarding updates to the scope of its supplemental analysis regarding the potential impacts of the proposed carbon pricing initiative. The group met on April 30, 2019 and reviewed a verbal update regarding the planned response to the supplemental information request from FERC in response to the NYISO's compliance proposal for FERC Order No. 841 related to energy storage resources, initial considerations regarding past performance of reserve providers during NYISO-conducted performance audits, and the proposal for calculating "LBMPc" as part of the carbon pricing initiative. On May 9, 2019, the group met and reviewed a presentation by Potomac Economics regarding its evaluation of the potential impacts of the proposed carbon pricing initiative, and a proposal for procuring quantities of reserves in excess of the minimum requirements needed to satisfy reliability requirements.
- <u>Price Responsive Load Working Group</u>: The group has met twice since the last BIC meeting. On April 23, 2019, the group met jointly with ICAPWG and MIWG and reviewed the initial draft 2019 Master Plan outlining a strategic vision for market design initiatives over the next five years. The group also met jointly with ICAPWG and MIWG on April 30, 2019 and reviewed a verbal update regarding the planned response to the supplemental information request from FERC in response to the NYISO's compliance proposal for FERC Order No. 841 related to energy storage resources.

8. New Business

Mr. Chris Russell (NYISO) noted that the NYISO will be to re-activating the metering task force in the near future to serve as a forum for discussing the metering requirement for energy storage resources and other distributed resources

Business Issues Committee May 13, 2019 Meeting Final Motiones

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Motion passed unanimously.

<u>Motion #2:</u>

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Motion passed unanimously with abstentions.

Motion #3:

The Business Issues Committee (BIC) hereby approves the proposed changes to the Economic Planning Process Manual as presented and described at the May 13, 2019 BIC Meeting.

Motion passed unanimously with abstentions.

New York Independent System Operator - Committee Membership

Business Issues Committee - May 13, 2019 - NYISO - 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	Caplan, Stu								
PV Valley LLC	Generation Owners	Litchfield , Matt	Rumsey, Tom	Pierpont, Daniel							
lpine	Generation Owners	Kruse, Brett	Reitmeyer, Jay	Flumerfelt, John	Schleimer, Steve						
ovanta Niagara, LP	Generation Owners	Burke , David	Abbott, Sharon								
icket Valley Energy Center	Generation Owners	Davis , Charles	Wallenstein, Arnold	Paryl, Ron							
nskammer Energy, LLC	Generation Owners	Reid, William	Cada , Eric								
OP Renewables North America LLC	Generation Owners	Brodbeck , John	Kaplan , Seth	Ingalls , Kellen	Loturco, Thomas	High , Jeremy	Priemer, Dustin				
ast Coast Power, LLC	Generation Owners	Shanker, Roy	Fogarty, Thomas	McEachern, Ben	Franzetti, Paul						
npire Generating Co, LLC	Generation Owners	Nuss , Kurt	Argetsinger, Andrew	Willson, Darrell	Swenson, Nils						
ntergy Nuclear Northeast	Generation Owners	Dell Orto , Ken	🗸 Saia, Doreen	Bergeron, John							
elix Ravenswood LLC	Generation Owners	D'Andrea, James	Kline , Marc	DiBari , Dominic							
oward Wind LLC	Generation Owners	Merich, Olivia	Rugh , Chris								
deck Energy Services, Inc.	Generation Owners	Ferguson, Mike	🗸 Younger, Mark								
novative Energy Systems	Generation Owners	Zeliff, Peter	Henningham, Scott								
venergy Energy Management LLC	Generation Owners	Pakula , Maggie	Goldstein, Michael	Orzel, Chris							
ational Grid Generation LLC	Generation Owners	Kain, Terrence	McCabe, Brian								
lkirk Cogen Partners, LP	Generation Owners	Biittig, Timothy	Ryan , James								
omerset Operating Company, LLC	Generation Owners	Gregson, Brian	Goodenough , Jeery	Love , Jordan							
Energy LLC	Other Suppliers	Ni, Bing	Lee, George								
P Energy Company	Other Suppliers	Chintapalli , Raj	Magruder , Kathy	🗸 Ackerman, Alan							
oUrja Power, LLC	Other Suppliers	Shah , Kinjal	Patel , Ankeet	Eamani , Arun							
ueRock Energy, Inc.	Other Suppliers	VanHorne, Phil	Campese, Bobby	Quill, Megan	Klaben , Jason						
rookfield Energy Marketing L.P.	Other Suppliers	LaRoe , Chris	Talamo , Marco	Dallaire, Eric	Lund, Roxana						
Power	Other Suppliers	Dotson-Westphalen, Peter	Hourihan, Michael	Damaskos, Deno	Campbell, Bruce						
astleton Commodities Merchant Trading L.P.	Other Suppliers	Stuss, Gordon	Romine, Brad	Emmett, Robert							
tigroup Energy Inc.	Other Suppliers	Trayers, Barry									
on Edison Solutions Inc.	Other Suppliers	Mah, Norman	Dannels, Jeff								
onstellation New Energy	Other Suppliers	Barlette, Richard	Kirk , Steven								
oss Sound Cable Company, LLC	Other Suppliers	Reinhart, Brian	Rotger, Jose								
C Energy	Other Suppliers	Bleiweis, Bruce	Stevens, Andrew	Tate, Matthew	Milberg, Sadao	Jeev , Kumar					
rE Energy	Other Suppliers	Pakela, Gregory	Wieszczyk, Raymond	German , Robert	6,						
rect Energy Business Marketing, LLC	Other Suppliers	Galarneau , Kenneth	Philips , Marjorie	• • • • • • • • • •							
rift Marketplace, Inc.	Other Suppliers	Tilley, Alan	Robinson, Greg								
ynegy Marketing and Trade	Other Suppliers	Frazier, Amanda	Allen, Sean								
NEL X	Other Suppliers	Geller, Greg	Chibani, Yanis								
JGIE Energy Marketing NA, Inc.	Other Suppliers	Levine, Jeffrey	Hawkins, Darin	Campbell , Chad							
Istern Generation	Other Suppliers	Baker, Liam	Reese, John	✓ Younger, Mark	Schwall, Matthew	Johnson, David	Welcott Tyler				
nergy Spectrum		<i>'</i>	· · · · · · · · · · · · · · · · · · ·			í í	Wolcott, Tyler	Villagos Cristina	Cineda Mett		
ergy Spectrum ergy Technology Savings Inc. d/b/a Logical	Other Suppliers Other Suppliers	David, Gary	Ahrens, David	Neiburg, David	Iskowitz, Aron	Brown, Ruben	Pentland, William	Villegas, Cristina	Cinadr , Matt		
uildings	Such Suppliers	Hendler , Jeff	Ross, Valerie								
kelon Generating Co. LLC	Other Suppliers	Barlette, Richard	Kirk , Steven								
lt Power	Other Suppliers	Fernands, Rochelle	🗸 Ackerman, Alan								
Q Energy Services US	Other Suppliers	Plante , Matthieu	Leuthauser, Scott	Guilbault, Louis	Bélanger, Frédéric	1					
noventive Power	Other Suppliers	Gruber, Craig	Halford , Steve	.,		İ					
onsdale Biomass, LLC	Other Suppliers	Ralston , William	Hebel, Nathan	Carrigan, Kathleen		1					İ
ercuria Energy America, Inc.	Other Suppliers	Davis, Andrew	Vounger, Mark	Frye, Samuel		1					ĺ
organ Stanley Capital Group, Inc.	Other Suppliers	Kochonies, Karen	Meditz, Alex	Grimes, Jordan		1					
RG Power Marketing Inc.	Other Suppliers	Fitch , Neal	Hsia, Jennifer	Cona, Lisa	Kranz, Bradley	1					
w York Transco	Other Suppliers	Mullin , Victor	Hitti , Nabil	Caso, Rob	Carrigan, Kathleen	McKinney , Jeff					
ktEra Energy	Other Suppliers	Applebaum, David	Gardner, Michelle	Gibelli, Stephen		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
ario Power Generation, Inc.	Other Suppliers	Gell, Richard	Surance, michelie	Siecia, Stephen							
EG Energy Resource & Trade, LLC	Other Suppliers	Fromer, Howard	DePillo, Raymond	Cimino , David	Murawski , James						
			-	Chinito, Davia	winiawski, Jailles	1					
verbay Corporation	Other Suppliers	Merola, Peter	Ellison, Noel			1					
SCO Enterprises, LLC	Other Suppliers	Schubiger, Michael	Thoresen, James								
ell Energy North America, LLC	Other Suppliers	Picardi, Matt				1					
ephentown Spindle, LLC	Other Suppliers	Streeter, Christopher	Hohonshilt I	Labella Juli-	Decais Deter						
len Energy	Other Suppliers	Toomey, Megan	Hohenshilt, Jennifer	Labella , Julie	Raggio , Debra						
ridity Energy, Inc.	Other Suppliers	Freifeld, Allen	Viola , Bob			1					1

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6
XO Energy NY, LP	Other Suppliers	Drangula, Carey	Thompson , Matthew	Hughes, Adam				
Central Hudson Gas & Electric Corp.	Transmission Owners	Borchert , John	Chan, Ting	May , Jeff	Dittmann, David			
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	Wilkie, Brian				
New York State Electric & Gas (NYSEG)	Transmission Owners	Caletka, Patricia	Lynch, Tim	Brophy , Richard				
Orange & Rockland Utilities, Inc.	Transmission Owners	,						
Rochester Gas and Electric Corp.	Transmission Owners	Caletka, Patricia	Lynch , Tim	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	Matteson, Schuyler	Osso Jr., Joe	Mas , Carl	Coup, David		
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	• Manoney , Damer			
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	¥ Rudebusen, rom			
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	Fink, Sari	Reeder, Mark	Reynolds, Anne	Beck, Betsy	Grace, Gene	McIntire, Natalie	
Environmental Advocates	Environmental	Bambrick , Conor	Farmer, Miles	Morris, Jackson	Deen , Densy			
Environmental Defense Fund	Environmental	Christian, Rory	Stein, Elizabeth	Panfil, Michael				
Natural Resources Defense Council	Environmental	Farmer , Miles	Morris, Jackson	De Costanzo , Donna				
PACE Energy & Climate Center	Environmental	Musgrove , Sheryl	Taylor , Geordi	✓ Farmer , Miles				
Riverkeeper	Environmental	Webster, Richard	Morris, Jackson	✓ Farmer , Miles				
AES ES Holdings LLC	Non Voting	Hillman , Sharon	Kumaraswarmy , Kiran					
Acadia Center	Non Voting	Howe, Cullen	Donovan, Deborah					
Alliance for Clean Energy New York	Non Voting	Reynolds, Anne	Dufresne, Zach	Reeder, Mark				
Anbaric Development Partners, LLC	Non Voting	Kosel, Howard	Sanderson, Bryan	Knobloch, Kevin	Bruno , Clarke			
Appian Way Energy Partners East, LLC	Non Voting	Levy, Tal	Klein , Abram	Shen, Dong	Westlund , John	Laich , Marcus		
Ardor Energy LLC Avangrid Renewables, Inc.	Non Voting Non Voting	Breen , Erika Kilgallen , Kevin	Sokolski , Adam					
Boston Energy Marketing & Trading	Non Voting	Kramek , Mike	Sokolski , Adalli					
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				
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			
Cypress Creek Renewables	Non Voting	Kohlstedt, Kevin	Kemp , Melissa	Scavo , Marisa				
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	I	I	I	I	I

Alternate7	Proxy	Guest
	✓Yu, Joel	
	✓ Ackerman, Alan ✓ Ackerman, Alan ✓ Ackerman, Alan	
	 Ackerman, Alan Ackerman, Alan Ackerman, Alan Ackerman, Alan Ackerman, Alan Ackerman, Alan 	
	V Ackernian, Aran	

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6
GI Energy	Non Voting	Falcier, Peter	Robinson, James					
Highview Power Storage, Inc.	Non Voting	Robson, Paul	Riley, Richard					
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	Noll, Bethany	Bialek , Sylwia	Gundlach, Justin			
Key Capture Energy	Non Voting	Fitzgerald, Dan	Bishop, Jeff					
LS Power Grid NY	Non Voting	Willick , Lawrence	York, Joshua	Hayes, Patrick				
MAG Energy Solutions, Inc.	Non Voting	Pelletier, Simon	Vezina, Alexandre					
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	Novak , Michael	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		
Northline Utilities LLC	Non Voting	McKinney , Jeff	Danskin, Susan					
NuEnergen	Non Voting	Hamilton , Sandy	Korczykowski, Ryan					
RBC Energy Services, LP	Non Voting	Rigby, Angus	Everhardt, Brandon					
RENEW Northeast	Non Voting	Pullaro, Francis	Krich, Abigail					
Red Wolf NT, LLC	Non Voting	Christian, Adam						
Richard P. Felak	Non Voting	Felak, Rich						
STEM, Inc.	Non Voting	Ko , Ted	Bellacicco, John					
Saracen Energy East LP	Non Voting	Peebles , Andy	Miller, Jason					
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	Watson, Betty	Gonzales, Carlos	Van Cleve , Sarah				
TransAlta Energy Marketing (U.S.) Inc.	Non Voting	Nivolianitis, Ted	🖌 Abend , Erik					
Transmission Developers Inc.	Non Voting	Jessome, Donald	Helmer, William	Harrison, Bob				
Transource New York, LLC	Non Voting	Burkholder, Joshua						
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