# NYISO Business Issues Committee Meeting Minutes September 11, 2019 10:00 a.m. – 10:25 a.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.

Mr. Robb Pike (NYISO) stated that the previous agenda item related to certain proposed enhancements to credit-related information reporting had been removed from the agenda to facilitate further discussion with stakeholders prior to seeking approval at BIC. The proposal will be further discussed at a Billing, Accounting and Credit Policy Working Group meeting on September 18, 2019.

### 2. Approval of BIC Minutes

There were no questions or comments regarding the draft minutes from the July 17, 2019 and August 7, 2019 BIC meetings that were included as part of the meeting material.

#### Motion #1:

Motion to approve the Minutes of the July 17, 2019 and August 7, 2019 BIC meetings.

#### Motion passed unanimously.

#### 3. Market Operations Report and Broader Regional Markets Report

Mr. Pike 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.

### 4. Accounting and Billing Manual Revisions

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

#### Motion #2:

The Business Issues Committee ("BIC") hereby approves the revisions to the Accounting & Billing Manual as described in the presentation to the BIC on September 11, 2019.

Motion passed unanimously with an abstention.

#### 5. Revenue Metering Requirements Manual Revisions

Ms. Michelle McLaughlin (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 revisions to the Revenue Metering Requirements Manual as described in the presentation to the BIC on September 11, 2019.

Motion passed unanimously with an abstention.

### 6. ICAP Manual Revisions: External Capacity Supplier Eligibility and Performance Obligations

Ms. Amanda Carney (NYISO) reviewed the presentation included with the meeting material.

Ms. Doreen Saia (Greenberg Traurig) asked for confirmation that the proposed manual revisions do not include provisions to address deliverability requirements for external capacity suppliers associated with Unforced Capacity Deliverability Rights (UDRs) delivering from PJM. Mr. Zach T. Smith (NYISO) confirmed that proposed revisions presented for approval at today's meeting address the deliverability requirements for external capacity suppliers located in ISO-NE and Ontario. Manual revisions related to deliverability requirements for external capacity suppliers located in PJM associated with UDRs are not included at this time and would be pursued separately in the future.

# Motion #4:

The Business Issues Committee ("BIC") hereby approves the revisions to the Installed Capacity Manual as presented and discussed at the BIC meeting on September 11th, 2019.

Motion passed unanimously with an abstention.

# 7. Working Group Updates

- <u>Billing and Accounting and Credit Working Group</u>: The group met on August 23, 2019 and reviewed the standard accounting/settlement reports, proposed revisions to the Accounting and Billing Manual related to the proposed meter data services construct for distributed energy resources (DER) and demand response participating in the wholesale markets, proposed revisions to the Revenue Metering Requirements Manual related to the proposed meter data services construct for DER and demand response participating in the wholesale markets, and proposed meter data services construct for DER and demand response participating in the wholesale markets, and proposed enhancements to credit reporting requirements.
- Electric System Planning Working Group: The group has met five times since the last BIC meeting, including joint • meetings with ICAPWG, MIWG and/or PRLWG. On August 20, 2019, the group met and reviewed key study assumptions for the Generator Deactivation Assessment for the Cayuga 1 facility, an updated straw proposal for addressing upgrades to non-bulk power transmission facilities as part of the Public Policy Transmission Planning Process (PPTPP), a proposal regarding the addition of a cost containment metric as part of the PPTPP, and proposed improvements to the Class Year Study and interconnection processes. The group met on August 29, 2019 and reviewed an updated draft of the 2019 Master Plan outlining a strategic vision for market design initiatives over the next five years. The group met on September 5, 2019 and reviewed proposed improvements to the Class Year Study and interconnection processes. On September 6, 2019, the group met and reviewed a presentation by Anbaric Development Partners regarding potential revisions to the interconnection and Class Year Study processes related to transmission platform projects, an update regarding the status of the ongoing review of enhancements to the Comprehensive System Planning Process, a proposal regarding the addition of a cost containment metric as part of the PPTPP, and a proposal regarding the potential development of a short-term reliability planning process. The group also met on September 10, 2019 and reviewed proposed improvements to the Class Year Study and interconnection processes.
- Installed Capacity Working Group: The group has met seven times since the last BIC meeting, including joint • meetings with ESPWG, MIWG and/or PRLWG. The group met on August 8, 2019 and reviewed the Consumer Impact Analysis regarding the proposed enhancements to the performance and deliverability requirements for external capacity suppliers. On August 20, 2019, the group met and reviewed key study assumptions for the Generator Deactivation Assessment for the Cayuga 1 facility, and proposed improvements to the Class Year Study and interconnection processes. The group met on August 21, 2019 and reviewed proposed revisions to the expiration rules for Capacity Resource Interconnection Service rights, and a status update regarding the 2019 energy and capacity market design projects. The group also met on August 23, 2019 and reviewed potential revisions to the availability calculation methodologies for capacity supply resources, and a presentation by Analysis Group regarding the scope and anticipated schedule for the 2019-2020 ICAP Demand Curve reset (DCR) process. On August 29, 2019, the group met and reviewed the deliverability and eligibility requirements for external capacity suppliers located in ISO-NE, Ontario and Quebec, a presentation by the Market Monitoring Unit (MMU) regarding its quarterly market assessment for Q2 2019, and an updated draft of the 2019 Master Plan outlining a strategic vision for market design initiatives over the next five years. The group met on September 5, 2019 and reviewed a presentation soliciting potential tariff revisions related to the DCR process, and proposed improvements to the Class Year Study and interconnection processes. The group also met on September 10, 2019

and reviewed updates to the generator fuel and emissions reporting surveys, and proposed improvements to the Class Year Study and interconnection processes.

- Load Forecasting Task Force: The group met on August 30, 2019 and reviewed the peak load dates and times for the 2019 Summer Capability Period (to date), the schedule for developing the 2020/2021 capacity market peak load forecast, a presentation from Itron regarding the 2019 climate change impact and resilience study project, and proposed revisions to the Load Forecasting Manual related to treatment of Behind-the-Meter Net Generation Resources.
- <u>Market Issues Working Group</u>: The group has met jointly with ICAPWG, PRLWG and/or ESPWG three times since the last BIC meeting. The group met on August 21, 2019 and reviewed a status update regarding the 2019 energy and capacity market design projects. On August 29, 2019, the group met and reviewed a presentation by the MMU regarding its quarterly market assessment for Q2 2019, and an updated draft of the 2019 Master Plan outlining a strategic vision for market design initiatives over the next five years. The group also met on September 10, 2019 and reviewed a presentation regarding the proposed removal of certain 115 kV facility segments from being secured in the energy market models, and updates to the generator fuel and emissions reporting surveys.
- <u>Price Responsive Load Working Group</u>: The group met jointly with ESPWG, MIWG and/or ICAPWG on August 21, 2019 and August 29, 2019 and reviewed the agenda topics for each meeting related to DER, energy storage resources and/or the demand response programs.

## 8. New Business

There was no new business.

The meeting adjourned at 10:25 a.m.

# Business Issues Committee Meeting September 11, 2019 Final Motions

# Motion #1:

Motion to approve the Minutes of the July 17, 2019 and August 7, 2019 BIC meetings.

# Motion passed unanimously.

# Motion #2:

The Business Issues Committee ("BIC") hereby approves the revisions to the Accounting & Billing Manual as described in the presentation to the BIC on September 11, 2019.

Motion passed unanimously with an abstention.

# Motion #3:

The Business Issues Committee ("BIC") hereby approves the revisions to the Revenue Metering Requirements Manual as described in the presentation to the BIC on September 11, 2019.

Motion passed unanimously with an abstention.

# Motion #4:

The Business Issues Committee ("BIC") hereby approves the revisions to the Installed Capacity Manual as presented and discussed at the BIC meeting on September 11<sup>th</sup>, 2019.

Motion passed unanimously with an abstention.

# New York Independent System Operator - Committee Membership

# Business Issues Committee - September 11, 2019 - 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					Ť	
ayonne Energy Center, LLC	Generation Owners	Allman, Ellen	🗸 Caplan , Stu								
PV Valley LLC	Generation Owners	Litchfield, Matt	Rumsey, Tom	Pierpont, Daniel							
alpine	Generation Owners	Kruse, Brett	Reitmeyer, Jay	Flumerfelt, John	Schleimer, Steve	Schwall, Matthew					
ovanta Niagara, LP	Generation Owners	Burke , David	Abbott , Sharon	T humbertorit, bonni	Semenner , Steve						
Cricket Valley Energy Center	Generation Owners	Davis, Charles	Wallenstein, Arnold	Paryl, Ron							
anskammer Energy, LLC	Generation Owners	Reid , William	Cada, Eric	r aryr, rton							
DP 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	ingli, sereniy	Thener, Dustin				
mpire Generating Co, LLC	Generation Owners	Nuss , Kurt	Argetsinger, Andrew	Willson, Darrell	Swenson, Nils						
ntergy Nuclear Northeast	Generation Owners		Saia, Doreen	Bergeron, John	Swenson, runs						
elix Ravenswood LLC	Generation Owners	D'Andrea, James	Kline, Marc	DiBari , Dominic							
oward Wind LLC	Generation Owners	Merich, Olivia	Rugh, Chris	Dibaii , Dominic							
deck Energy Services, Inc.	Generation Owners		Vounger, Mark								
		Ferguson, Mike									
novative Energy Systems	Generation Owners	Zeliff, Peter	Henningham, Scott	0.1.01.1							
venergy Energy Management LLC	Generation Owners	Pakula , Maggie	Goldstein, Michael	Orzel, Chris							
ational Grid Generation LLC	Generation Owners	Kain, Terrence	McCabe, Brian								
Shirk Cogen Partners, LP	Generation Owners	Biittig, Timothy	Ryan, James	Love Jorden							
omerset Operating Company, LLC	Generation Owners	Gregson, Brian	Goodenough, Jeery	Love, Jordan							
J Energy LLC	Other Suppliers	Ni, Bing	Lee, George								
P Energy Company	Other Suppliers	Chintapalli , Raj	Magruder, Kathy	Ackerman, Alan							
ioUrja Power, LLC	Other Suppliers	Shah, Kinjal	Patel, Ankeet	Eamani , Arun	771 1 7						
lueRock 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								
ross Sound Cable Company, LLC	Other Suppliers	Reinhart, Brian	Rotger, Jose								
C Energy	Other Suppliers	Bleiweis, Bruce	Stevens, Andrew	Tate, Matthew	Milberg, Sadao	Jeev , Kumar					
TE Energy	Other Suppliers	Pakela, Gregory	Wieszczyk, Raymond	German, Robert							
irect Energy Business Marketing, LLC	Other Suppliers	Galarneau , Kenneth	Carrier, Ron								
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								
NGIE Energy Marketing NA, Inc.	Other Suppliers	Levine, Jeffrey	Hawkins , Darin	Campbell, Chad							
astern Generation	Other Suppliers	Baker, Liam	Reese, John	Vounger, Mark	Schwall , Matthew	Johnson , David	Wolcott, Tyler				
nergy Spectrum	Other Suppliers	David, Gary	Ahrens, David	Neiburg, David	Iskowitz, Aron	Brown, Ruben	Pentland, William	Villegas , Cristina	Cinadr , Matt		
nergy Technology Savings Inc. d/b/a Logical	Other Suppliers	-		, surg, surfu				+	,uu		
uildings		Hendler , Jeff	Ross, Valerie								
xelon Generating Co. LLC	Other Suppliers	Barlette, Richard	Kirk , Steven								
alt Power	Other Suppliers	Fernands, Rochelle	🗸 Ackerman, Alan								
Q Energy Services US	Other Suppliers	✓ Plante, Matthieu	Leuthauser, Scott	Guilbault, Louis	Bélanger , Frédéric						
noventive Power	Other Suppliers	Gruber, Craig	Halford, Steve								
yonsdale Biomass, LLC	Other Suppliers	Ralston, William	Hebel, Nathan	Carrigan, Kathleen							
lercuria Energy America, Inc.	Other Suppliers	Davis, Andrew	Vounger, Mark	Frye, Samuel							
organ Stanley Capital Group, Inc.	Other Suppliers	Kochonies, Karen	Meditz, Alex	Grimes , Jordan							
RG Power Marketing Inc.	Other Suppliers	Fitch, Neal	Hsia, Jennifer	Cona, Lisa	Kranz , Bradley						
ew York Transco	Other Suppliers	Mullin, Victor	Hitti , Nabil	Caso, Rob	Carrigan, Kathleen	McKinney , Jeff					
xtEra Energy	Other Suppliers	Applebaum, David	Tuck , Jennifer	Gibelli , Stephen	Currgan, Rauncell	increasing , sen					
tario Power Generation, Inc.	Other Suppliers	Gell, Richard	ruck, Johnnei	Stoom, Stephen							
EG Energy Resource & Trade, LLC	Other Suppliers	Fromer, Howard	DePillo, Raymond	Cimino , David	Murawski , James						
			-	Cimilio, Davia	with awski, Jailles						
verbay Corporation	Other Suppliers	Merola, Peter	Ellison, Noel								
SCO Enterprises, LLC	Other Suppliers	Schubiger, Michael	Thoresen, James								
ell Energy North America, LLC	Other Suppliers	Picardi, Matt									
ephentown Spindle, LLC	Other Suppliers	Streeter , Christopher	XX 1 111 X 10	<b>T</b> 1 11 <b>T</b> 11							
len Energy	Other Suppliers	Toomey, Megan	Hohenshilt, Jennifer	Labella , Julie	Raggio , Debra						
/iridity Energy, Inc.	Other Suppliers	Freifeld, Allen	1				I	I	1		

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6
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	Chan, Ting	May, Jeff	Dittmann, David			
Consolidated Edison Co. of NY, Inc.	Transmission Owners	V Quin , Jane	Nachmias, Stuart	Hargett, Chris	Yu, Joel	Lazarus , Dana	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			- 10/				
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	5 /				
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	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	Mahoney , Daniel		
Bath Electric, Gas & Water Systems	Municipalities and Coops	Bonacci, Erin	Wentlent, Chris	Cordeiro, Mark				
Freeport Electric Jamestown Board of Public Utilities	Municipalities and Coops Municipalities and Coops	Livingston , Al Sellstrom , Kris	Rudebusch, Tom Leathers, David	Fiore , Chris Allen , Cory	Rudebusch, Tom			
Lake Placid Village	Municipalities and Coops	Daby , Kimball	Wentlent, Chris	Cordeiro, Mark	Rudebusen, 10m			
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	D 1 D (			
American Wind Energy Association Environmental Advocates	Environmental Environmental	Fink , Sari Bambrick , Conor	Reeder, Mark	Reynolds , Anne Morris, Jackson	Beck, Betsy	Grace, Gene	McIntire, Natalie	
Environmental Defense Fund	Environmental	Christian, Rory	Farmer, Miles 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	Non Voting	Breen, Erika	Sokolski , Adam					
Avangrid Renewables, Inc. Boston Energy Marketing & Trading	Non Voting Non Voting	Kilgallen , Kevin Kramek , Mike	Sokoiski , Adain					
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					
GI Energy	Non Voting	Falcier, Peter	Robinson, James	I	I	Ι	I	I

	Alternate7	Proxy	Guest
·			

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6
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					
Plus Power, LLC	Non Voting	Fraenkel, Alex						
RBC Energy Services, LP	Non Voting	Rigby , Angus	Everhardt, Brandon					
RENEW Northeast	Non Voting	Pullaro, Francis	Krich, Abigail					
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					
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	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		

<b>5</b>	Alternate7	Proxy	Guest