NYISO Business Issues Committee Meeting Minutes August 17, 2022 10:00 a.m. – 11:40 a.m.

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

Mr. John Cordi (NYPA) served as the chairperson for the meeting due to the inability of Mr. John Marczewski (East Coast Power) to attend. Mr. Cordi 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. Draft June 22, 2022 and July 13, 2022 Meeting Minutes

There were no questions or comments regarding the draft minutes from the June 22, 2022 and July 13, 2022 BIC meetings included as part of the meeting material.

Motion #1:

Motion to approve the minutes from the June 22, 2022 and July 13, 2022 BIC meetings.

Motion passed unanimously.

3. Market Operations Report

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

Mr. Chris Wentlent (MEUA) requested the NYISO provide information regarding the load consumption on the peak day experienced to date during the Summer 2022 Capability Period. Mr. Mukerji stated that, to date, the peak load occurred on July 20, 2022 during the hour beginning 5:00 p.m. Mr. Mukerji reported that the peak load during such hour was 30,505 MW with an energy send-out value of 606 GWh.

4. System & Resource Outlook Report

Mr. Jason Frasier (NYISO) reviewed the presentation included with the meeting material.

Mr. Matt Cinadr (E Cubed Company) sought clarification regarding the overall scope of the NYISO's comprehensive system planning process (CSPP) and activities that are outside the CSPP. Mr. Frasier clarified that certain planning related activities do not technically fall within the scope of the CSPP, such as the interconnection processes and the activities related to the development of the annual Load & Capacity Data report (commonly referred to as the "Gold Book").

Mr. Cordi (NYPA) noted appreciation for the draft System & Resource Outlook report's recognition for the value of the existing hydropower generation assets in serving to maintain reliability while simultaneously assisting to meet New York's clean energy goals.

Mr. Mike Mager (Couch White) noted the need to ensure strategic and targeted expansion of both transmission and new renewable generation to meet the state's clean energy and environmental policies. Mr. Frasier explained that the key findings from the draft System & Resource Outlook report include identification of both the need for transmission expansion to meet the state's policy goals, as well as the need to focus on a carefully coordinated transition of the grid that includes strategic and targeted expansions of both generation assets and new transmission capability.

Mr. Chris Casey (NRDC) asked whether the System & Resource Outlook study identifies a need for expanding interregional transfer capability. Mr. Frasier noted that the study did not specifically evaluate a need for interregional transmission expansion, but instead accounts for the current transfer capability that exists among the regions interconnected to New York. Mr. Casey asked whether the System & Resource Outlook study identified

changes in energy flow patterns between regions connected to New York. Mr. Frasier noted that given the modeling of achieving New York's policy goals in the study, the modeling did identify changes in the patterns and timing of energy flows between regions based on changes to New York's system over time in order to achieve the state's policies.

Mr. Mark Younger (Hudson Energy Economics) asked for clarification regarding the modeling of policy objectives in neighboring regions that was included as part of the System & Resource Outlook study. Mr. Frasier stated that the System & Resource Outlook study was not designed to serve as an interregional planning analysis and therefore does not fully model all potential policies that may be in place in neighboring regions.

Mr. Wentlent asked for clarification regarding the granularity of information that is provided regarding the assessment of interregional transfers between neighboring regions. Mr. Frasier stated that the System & Resource Outlook study provides information on an hourly level, as well as seasonal and annual aggregations of such data to help identify trends and patterns in interregional flows.

Mr. Younger stated that it is important for the study to identify both renewable generation spillage and curtailment to understand system impacts and needs arising from the increase in renewable generation required to meet the state's policies.

Mr. Mager asked what, if any, assumptions the System & Resource Outlook study includes regarding the current ongoing public policy transmission need for accommodating offshore wind. Mr. Frasier explained that the System & Resource Outlook study does not include any assumed expansions in response to the currently ongoing public policy transmission need for accommodating offshore wind. Mr. Frasier further noted that the study is intended to provide additional information for use in the ongoing evaluation of projects submitted in response to this public policy transmission need.

Ms. Doreen Saia (Greenberg Traurig) recommended that the NYISO consider potential adjustments to the description of the needs identified for the renewable generation pockets to avoid a potential for confusion that there is a need to address these pockets in advance of 2040. Ms. Saia also recommended that the NYISO highlight the need for dispatchable generation to help in balancing renewable generation output in order to maintain system reliability over time. Mr. Zach G. Smith (NYISO) stated that the NYISO recognizes the importance of the messaging surrounding the key findings of the System & Resource Outlook study and noted that a broader communications and public outreach strategy is intended to accompany the issuance of the System & Resource Outlook study report following approval by the NYISO Board of Directors.

Ms. Saia asked for an update regarding the NYISO's planned timing to issue its next solicitation to identify potential public policies that may be driving the need for transmission expansion as part of commencing the next cycle of the public policy planning process. Ms. Yachi Lin (NYISO) noted that the NYISO currently anticipates issuing its solicitation to identify potential public policies driving transmission needs in the late-August/early-September timeframe.

Mr. Cordi expressed appreciation for the NYISO's inclusion of a data catalogue as part of presentations related to the System & Resource Outlook to help provide market participants ready access to details regarding study assumptions and changes thereto over time.

Mr. Chris Hall (NYSERDA) noted appreciation for the NYISO's efforts and collaboration with stakeholders in developing the System & Resource Outlook study and indicated that the NYISO's consideration of feedback from NYSERDA was appreciated even though NYSERDA may not fully agree with all modeling assumptions that were ultimately adopted by the NYISO.

Motion #2:

Whereas, the Electric System Planning Working Group ("ESPWG") and Transmission Planning Advisory Subcommittee ("TPAS") have held a series of meetings to discuss and review the studies and analyses underlying the NYISO's 2021-2040 System & Resource Outlook ("Outlook"); and Whereas, NYISO Staff has posted a draft Outlook Report dated August 10, 2022, including Appendices ("Draft Report"), for the August 17, 2022 Business Issues Committee ("BIC") meeting; Therefore, the Business Issues Committee ("BIC") hereby recommends that the Management Committee recommend that the Board of Directors approve the 2021-2040 System & Resource Outlook Draft Report, as presented and discussed at the BIC meeting held on August 17, 2022.

Motion passed unanimously.

5. Working Group Updates

- <u>Billing and Accounting and Credit Working Group</u>: The group met on July 22, 2022 and reviewed: (1) the standard accounting/settlement reports; (2) a verbal update regarding the schedule for conducting market trials related to the distributed energy resources (DER) participation model software enhancements; and (3) proposed changes to the credit security requirements for virtual and external transactions.
- Electric System Planning Working Group: The group has met four times since the last BIC meeting. On July 14, • 2022, the group met and reviewed a draft of the 2021-2040 System & Resource Outlook study report. The group met on July 26, 2022 and reviewed: (1) key study assumptions for the short-term assessment of reliability study for Q3 2022; (2) a presentation by the New York Transmission Owners regarding an updated proposal for applying a federal right of first refusal to Network Upgrade Facilities identified as part of the Public Policy Transmission Planning Process; (3) a draft of the 2021-2040 System & Resource Outlook study report; (4) a presentation regarding the evaluation metrics to be utilized in assessing project proposals in response to the Public Policy Transmission Need (PPTN) related to facilitating the delivery of power from offshore wind facilities; (5) a presentation by NEET New York regarding considerations related to the evaluation metrics to be utilized in assessing project proposals in response to the PPTN related to facilitating the delivery of power from offshore wind facilities; (6) a presentation by NEET New York to provide an update regarding the status of its transmission upgrade project selected in response to the Western New York PPTN; and (7) presentations by LS Power and NYPA, and New York Transco to provide an update regarding the status of the transmission upgrade projects selected in response to the AC Transmission PPTN. On August 1, 2022, the group met and reviewed: (1) preliminary results for the scenario analysis conducted as part of the 2022 Reliability Needs Assessment (RNA); (2) the key study assumptions for the resource adequacy analysis conducted as part of the 2022 RNA; and (3) updated preliminary results for the transmission security analysis conducted as part of the 2022 RNA. The group also met on August 8, 2022 and reviewed a draft of the 2021-2040 System & Resource Outlook study report.
- Installed Capacity Working Group: The group met jointly with MIWG and/or PRLWG five times since the last BIC meeting. The group met on July 15, 2022 and reviewed: (1) topics related to the implementation of the DER participation model; (2) proposed rules for capacity market participation of internal controllable transmission facilities; and (3) an overview of the NYISO's compliance filing in response to FERC's order accepting previously proposed changes to the "Part A" test of the buyer-side capacity market mitigation rules. On July 21, 2022, the group met and reviewed: (1) an update regarding the schedule for Phase 2 of the improving capacity accreditation initiative; and (2) topics related to the implementation of the DER participation model. The group met on July 28, 2022 and reviewed: (1) topics related to Phase 2 of the improving capacity accreditation initiative, including preliminary capacity accreditation results for Special Case Resources (SCRs) and the proposed initial treatment of SCRs for purposes of capacity accreditation modeling; (2) a presentation by GE Energy Consulting regarding preliminary capacity accreditation results for SCRs; and (3) an overview of the proposed approach for determining initial Unforced Capacity derating factors for offshore wind. On August 4, 2022, the group met and reviewed: (1) proposed rules for capacity market participation of internal controllable transmission facilities; and (2) the proposed methodology for conducting a consumer impact analysis related to the market design proposal for internal controllable transmission facilities. The group also met on August 9, 2022 and reviewed: (1) topics related to Phase 2 of the improving capacity accreditation initiative, including capacity accreditation factors, resource specific derating factors, and considerations related to the determination and use of seasonal capacity accreditation factors; and (2) proposed rules for capacity market participation of hybrid storage resources.
- <u>Load Forecasting Task Force</u>: The group met on July 29, 2022 and reviewed: (1) the 10-year gross peak load forecast developed for conducting the resource adequacy analysis as part of the 2022 RNA; (2) the 10-year "light

load" forecast developed for use in the scenario analysis conducted as part of the 2022 RNA; and (3) an update regarding the peak loads experienced to date during the Summer 2022 Capability Period.

- <u>Market Issues Working Group</u>: The group met jointly with ICAPWG and/or PRLWG four times since the last BIC meeting. On July 15, 2022, the group met and reviewed: (1) topics related to the implementation of the DER participation model; (2) proposed rules for energy and ancillary services market participation of internal controllable transmission facilities; and (3) proposed rules for energy and ancillary services market participation of the DER participation model. On August 4, 2022, the group met and reviewed topics related to the implementation of the DER participation model. On August 4, 2022, the group met and reviewed: (1) proposed rules for energy and ancillary services market participation of internal controllable transmission facilities. The group met analysis related to the market design proposal for internal controllable transmission facilities. The group also met on August 9, 2022 and reviewed: (1) an update regarding the Dynamic Reserves project, including considerations related to the previously developed supplemental reserves proposal, the interaction of dynamic reserves; and (2) proposed rules for energy and ancillary services market participation of provide the serves; and (2) proposed rules for energy and ancillary services market participation for dynamic reserves; and (2) proposed rules for energy and ancillary services market participation of provide the serves; and (2) proposed rules for energy and ancillary services market participation for dynamic reserves; and (2) proposed rules for energy and ancillary services market participation for dynamic reserves; and (2) proposed rules for energy and ancillary services market participation of hybrid storage resources.
- <u>Price Responsive Load Working Group</u>: The group has met jointly with ICAPWG and/or MIWG four times since the last BIC meeting (<u>i.e.</u>, July 15, 2022, July 21, 2022, July 28, 2022, and August 9, 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.

6. New Business

Mr. Thinh Nguyen (NYISO) provided an update regarding the status of the NYISO efforts to improve the current interconnection procedures including the pursuit of increased staffing within the NYISO's stakeholder services department to assist with general inquiries seeking information regarding the interconnection process. Mr. Nguyen noted that additional information regarding this new support will be further discussed at the Transmission Planning Advisory Subcommittee in September 2022.

Meeting adjourned at 11:40 a.m.

Business Issues Committee Meeting August 17, 2022 Final Motions

Motion #1:

Motion to approve the June 22, 2022 and July 13, 2022 meeting minutes.

Motion passed unanimously.

Motion #2:

Whereas, the Electric System Planning Working Group ("ESPWG") and Transmission Planning Advisory Subcommittee ("TPAS") have held a series of meetings to discuss and review the studies and analyses underlying the NYISO's 2021-2040 System & Resource Outlook ("Outlook"); and

Whereas, NYISO Staff has posted a draft Outlook Report dated August 10, 2022, including Appendices ("Draft Report"), for the August 17, 2022 Business Issues Committee ("BIC") meeting;

Therefore, the Business Issues Committee ("BIC") hereby recommends that the Management Committee recommend that the Board of Directors approve the 2021-2040 System & Resource Outlook Draft Report, as presented and discussed at the BIC meeting held on August 17, 2022.

Motion passed unanimously.

New York Independent System Operator - Committee Membership

Business Issues Committee - August 17, 2022 - WebEx - Parties Checked in Attendance

ganization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
oria Energy LLC	Generation Owners	McCall, Chuck	Browne, Scott	Habib , Phillipe	Singer, Leonard						
nne Energy Center, LLC	Generation Owners	Allman, Ellen	Fromer, Howard								
o Solar Systems, Inc.	Generation Owners	Stines , Zachary	Delaney, Liz	Cox-Arslan, Kathryn	Kale, Mrinmayee	Miralda , Jessica	Fisher, Kayleigh				
alley LLC	Generation Owners	Jerke , Dan	Rumsey, Tom	Litchfield , Matt							
e	Generation Owners	Kruse, Brett	Reitmeyer, Jay	Flumerfelt, John	Schleimer, Steve						
ta Niagara, LP	Generation Owners	Burke , David	Abbott, Sharon								
t Valley Energy Center	Generation Owners	Davis , Charles	Wallenstein, Arnold	Paryl, Ron							
ss Creek Renewables	Generation Owners	Kemp , Melissa	Silliman, Keith	Scavo , Marisa							
ammer Energy, LLC	Generation Owners	Reid, William	Cada, Eric								
Renewables North America LLC	Generation Owners	Brodbeck , John	Loturco, Thomas	High, Jeremy	Priemer, Dustin	Zhang, Kathy					
Coast Power, LLC	Generation Owners	Pieniazek , Marie	McEachern, Ben	Moore, Kyle	O'Brien, John	Franzetti, Paul	Marczewski, John				
e Generating Co, LLC	Generation Owners	Morris , Chandler	Maida , Jeff	Hudson, Daniel							
y Nuclear Northeast	Generation Owners	Dell Orto , Ken	Saia, Doreen	Bergeron, John							
n Bowline, LLC	Generation Owners	Vounger, Mark	Rutz, Shaun	Sacks, Jon	Freysinger, Dave						
Path Power Solutions LLC	Generation Owners	McKissack , Chris	Baur, Sean	Vickery, Chris	Labij , Denis	Arega , Robel					
Ravenswood LLC	Generation Owners	D'Andrea , James	Galarneau, Kenneth	Toomey, Peter							
rd Wind LLC	Generation Owners	Smith , David	Brocks, Annette	Rohrbach, John							
Energy Services, Inc.	Generation Owners	Ferguson, Mike	🗸 Younger, Mark								
ative Energy Systems	Generation Owners	Zeliff, Peter	Henningham, Scott								
ergy Energy Management LLC	Generation Owners	Bangston, Kaley	Goldstein, Michael	Orzel , Chris							
Capture Energy	Generation Owners	Goldwasser, Rachel	Musher, Daniel	Fitzgerald, Dan							
Rockaway Peakers, LLC	Generation Owners	Preedy, James	Telford, Kevin	Mann, Michael							
nal Grid Generation LLC	Generation Owners	Kain, Terrence	McCabe, Brian								
East Offshore, LLC	Generation Owners	Reynolds, Melissa	Presti, John								
Renewables Americas, LLC	Generation Owners	Chocarro, Iker	Ayers-Brasher, Jennifer	Burke, Thomas							
k Cogen Partners, LP	Generation Owners	Biittig, Timothy									
our Wind Energy LLC	Generation Owners	Sherman , Chris	Dowd, Robert	Vincent, Martin							
nergy Company	Other Suppliers	Ellis, Dean	Chintapalli , Raj	🗸 Ackerman, Alan							
field Energy Marketing L.P.	Other Suppliers	LaRoe, Chris	Talamo, Marco	Dziedzic, Tomasz	Madonna, Phil	1					1
nergy Services, Inc.	Other Suppliers	Berrien, SaLisa	Rabinowitz , Jake								
ton Commodities Merchant Trading L.P.	Other Suppliers	Miraval , Marissa	Stuss, Gordon								1
ica Business Solutions Optimize, LLC	Other Suppliers	Breidenbaugh, Aaron									
oup Energy Inc.	Other Suppliers	Gollomp, Jeffrey	Bisaria , Shikher								
blidated Edison Energy, Inc.	Other Suppliers	Flagler , Grant	Napoli, Matthew								
ellation New Energy	Other Suppliers	Barlette, Richard	Kirk, Steven								ĺ
Sound Cable Company, LLC	Other Suppliers	Reinhart, Brian	Rotger, Jose			1					İ
nergy	Other Suppliers	Bleiweis, Bruce	Tate, Matthew	Milberg, Sadao	Feng , Fan						
Energy	Other Suppliers	German, Robert	Pakela, Gregory	0,		1					İ
e Commodities US LLC	Other Suppliers	Manders, Maarten	Mah, Norman								
Energy Business Marketing, LLC	Other Suppliers	Carrier, Ron	Morris, Sandra								
gy Marketing and Trade	Other Suppliers	Weinstein, Andrew	Allen, Sean								
X	Other Suppliers	Macrae , Michael	Geller, Greg								
E Energy Marketing NA, Inc.	Other Suppliers	Bresolin, Sarah	Levine, Jeffrey	Hawkins , Darin							
n Generation	Other Suppliers	Blesonii, Salan Baker, Liam	Reese, John	Vounger, Mark	Schwall, Matthew	Johnson, David	Saia, Doreen	Perdeck , Zachary	Zaludek , Michelle		
y Spectrum	Other Suppliers		Ahrens, David					-	Cinadr , Matt		
y Technology Savings Inc. d/b/a Logical	Other Suppliers	David, Gary Hendler , Jeff	Ross , Valerie	Neiburg, David	Iskowitz, Aron	Brown, Ruben	Pentland , William	Villegas , Cristina	Cinaar, Matt		
ngs											
n Generating Co. LLC	Other Suppliers	Barlette, Richard	Kirk , Steven								
Power	Other Suppliers	Simko , Elliott	🗸 Ackerman, Alan								
ergy Services US	Other Suppliers	Vennes , Yannick	Vezina, Louis	🗸 Leuthauser, Scott	Guilbault, Louis	Bélanger, Frédéric					
entive Power	Other Suppliers	Gruber , Craig	Halford, Steve								
ria Energy America, Inc.	Other Suppliers	Davis, Andrew	Vounger, Mark	Gross, Jordan							
n Stanley Capital Group, Inc.	Other Suppliers	Kochonies, Karen	Meditz , Alex	Grimes, Jordan							
Power Marketing Inc.	Other Suppliers	Fitch , Neal	🗸 Popova , Julia	Hsia, Jennifer	Cona , Lisa	Kranz , Bradley					
York Transco	Other Suppliers	Mullin, Victor	Caso , Rob	Carrigan, Kathleen	Haering , Paul	-					ĺ
ra Energy	Other Suppliers	Gardner, Michelle	Dietrich , Cheryl	Hollis, Gabriel	2,						
o Power Generation, Inc.	Other Suppliers	Lauritsen, Kim	· · · · · · · · · · · · · · · · · · ·	,							
Energy Resource & Trade, LLC	Other Suppliers	Corash, Richard	DePillo, Raymond	Cimino , David	Dillon, George						
bay Corporation	Other Suppliers	Merola, Peter	Ellison, Noel	Children , Durid	2 mon , George						
my corporation	Suici Suppliers	wiciola, relei	L113011, 1001			1					

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6
Shell Energy North America, LLC	Other Suppliers	Picardi, Matt	Dannels, Jeff					
Stephentown Spindle, LLC	Other Suppliers	Streeter, Christopher						
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	🗸 Islam , Lubaba	Raup, Chris	Butterklee, Neil	LoFrumento, Susan	
National Grid	Transmission Owners	Gonsalves , Shelanda	Lodemore, David					
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	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	VHogan , Erin	Montalvo , Marc					
City of New York NYS Energy Research & Dev. Authority	Government Small Consumer and Retail Aggregate Government Small Consumer and Retail	Lang, Kevin	Mager, Michael	Trinsey, Amanda				
Long Island Power Authority	Aggregate State Power Authorities	✓ Hall , Christopher ✓ Clarke, Dave	Matteson , Schuyler Wilczek , Mariann	Zielinski , Andrew	Mas , Carl	Coup, David		
New York Power Authority	State Power Authorities	Antinori, Andrew		🗸 Cordi , John	YZ Y			
	Municipalities and Coops		Michaels , Alan Wentlent, Chris		Kane, James			
Bath Electric, Gas & Water Systems Freeport Electric		Bonacci, Erin	Rudebusch, Tom	Cordeiro, Mark				
Jamestown Board of Public Utilities	Municipalities and Coops	Livingston , Al		Fiore, Chris	Rudebusch, Tom			
Lake Placid Village	Municipalities and Coops	Sellstrom, Kris	Leathers, David Wentlent, Chris	Allen, Cory	V Rudebusch, 10m			
Municipal Commission of Boonville	Municipalities and Coops Municipalities and Coops	Daby , Kimball	Wentlent, Chris	Cordeiro, Mark				
		Varner, Doug	Wentlent, Chris	Cordeiro, Mark				
Plattsburgh Municipal Lighting Dept	Municipalities and Coops	Treacy, William		Cordeiro, Mark				
Village of Arcade Village of Fairport	Municipalities and Coops Municipalities and Coops	Kilburn, Larry	Wentlent, Chris	Cordeiro, Mark				
		Hegarty, Matt	Wentlent, Chris	Cordeiro, Mark				
Village of Rockville Centre	Municipalities and Coops	Foglietta, Eileen	Valenzano, Michael	Rudebusch, Tom				
Village of Solvay	Municipalities and Coops	Hawksby, Joe	Wentlent, Chris	Cordeiro, Mark				
Village of Westfield American Clean Power Association	Municipalities and Coops	Thompson, Andrew	Wentlent, Chris	Cordeiro, Mark	Tababa Caba	Create Come		
Environmental Advocates	Environmental Environmental	Reynolds , Anne Bambrick , Conor	Reeder , Mark Casey , Christopher	Fink , Sari Murray , Frank	Tabak , Gabe	Grace, Gene		
Environmental Defense Fund	Environmental	Peress J., Naim	Stein, Elizabeth	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	Wullay, Flank	waish, Chiristy			
PACE Energy & Climate Center	Environmental	Hart, Craig	Valova, Radina	Howe, Cullen				
Riverkeeper	Environmental	Webster, Richard	Morris, Jackson	,				
AES ES Holdings LLC	Non Voting	Kumar , Manish						
Able Grid Energy Solutions, Inc.	Non Voting	Lines, Sam	Mills , Sara					
Acadia Center	Non Voting	Sosland, Daniel						
Alliance for Clean Energy New York	Non Voting	Reynolds, Anne	Reeder, Mark	Addepalli , Raj	Rabin , Kyle			
Anbaric Development Partners, LLC	Non Voting	Kosel, Howard	Sanderson, Bryan	Bruno , Clarke	WY ALL TI			
Appian Way Energy Partners East, LLC Ardor Energy LLC	Non Voting Non Voting	Levy , Tal Breen , Erika	Klein , Abram	Shen , Dong	Westlund , John	Laich , Marcus		
Avangrid Renewables, Inc.	Non Voting	Kilgallen , Kevin	Sokolski , Adam					
Bakerstand Solar, LLC	Non Voting	Caplan, Michael				1		
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	Hourihan, Michael	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	Ι	I	T	1

te6	Alternate7	Proxy	Guest

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6
ConnectGen East, LLC	Non Voting	Rieman, Derek	Nash, Colleen	Turner, Becky				
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			
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	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	