Business Issues Committee

December 13, 2023

Final Motions

Motion #1:

Motion to approve the November 15, 2023, meeting minutes.

Motion passed unanimously.

Motion #2:

The Business Issues Committee ("BIC") hereby endorses the Dynamic Reserves design, as more fully described in, and based on the information known as of the time of, the presentation titled "Dynamic Reserves Market Design" made to the BIC on December 13, 2023. Specifically, this endorsement does not apply to the complete proposed market design, but supports the concepts described in the first part of the presentation to dynamically determine reserve requirements based on grid conditions and topology and supports the NYISO continuing prototyping. Further, the BIC acknowledges that certain Dynamic Reserve market design issues, described in the second part of the presentation, such as cost allocation, congestion revenues, and TCC allocations, will continue to be discussed with stakeholders, beginning in Q1 2024, in parallel with prototyping for possible inclusion in modified prototyping efforts and in the ultimate presentation of proposed tariff revisions to the Business Issues Committee and the Management Committee.

Motion passed unanimously.

Motion #3:

The Business Issues Committee ("BIC") hereby approves the market design for enhancements to the economic optimization used to establish Locational Minimum Installed Capacity Requirements, as more fully described in the presentation titled "LCR Optimizer Enhancements Market Design" made to the BIC on December 13, 2023; provided, however, that, as described in the aforementioned presentation, the NYISO will conduct additional prototyping and testing of the proposed enhancements and discuss the results thereof with stakeholders prior to seeking any further action on this proposal at the Management Committee.

Motion passed unanimously.

Business Issues Committee

December 13, 2023

Final Motions

Motion #4:

The Business Issues Committee ("BIC") hereby recommends that the Management Committee ("MC") approve the Modeling Improvements for Capacity Accreditation rules, as those concepts were presented and discussed at the December 13, 2023 BIC meeting subject to the NYISO delineating the scope of, solutions, and, if necessary, associated tariff language for, the open issue within the set of issues, coined "Correlated Derates", by the NYISO that was identified by the MMU near the end of this project at an ICAP working group meeting, prior to discussion and action by the Management Committee on these matters in 2024. Tariff language reflecting these Modeling Improvements shall be further refined and reviewed at an Installed Capacity Working Group meeting prior to discussion and action by the Management Committee in 2024.

Motion passed unanimously.

Motion #5:

The Business Issues Committee ("BIC") hereby approves revisions to the Transmission Congestion Contracts Manual as described in the presentation titled "Transmission Congestion Contracts Manual Revisions" made to the BIC on December 13, 2023.

Motion passed unanimously.

New York Independent System Operator - Committee Membership

Business Issues Committee - December 13, 2023 - WebEx - 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						
Bayonne Energy Center, LLC	Generation Owners	Allman, Ellen	Fromer , Howard								
Bluestone Wind, LLC	Generation Owners	Kelly, Brandon	Zajmalowski, Mike								
Boralex, Inc	Generation Owners	Hutchins, Zack									
CPV Valley LLC	Generation Owners	Gordon , Joel	Rumsey , Tom	Litchfield, Matt	Jerke , Dan						
Calpine	Generation Owners	Reyes , Elynor	Kruse, Brett	Kerecman, Joseph	Novosel, Sarah	Schleimer, Steve					
Covanta Niagara, LP	Generation Owners	Burke, David	Abbott , Sharon								
Cricket Valley Energy Center	Generation Owners	Davis , Charles	Wallenstein , Arnold	Paryl , Ron							
Cypress Creek Renewables	Generation Owners	Kemp, Melissa	Silliman , Keith	Scavo , Marisa							
Danskammer Energy, LLC	Generation Owners	Reid , William	Cada , Eric								
EDP Renewables North America LLC	Generation Owners	Brodbeck, John	Loturco, Thomas	Hagemeyer, Nick	Priemer, Dustin						
East Coast Power, LLC	Generation Owners	✓ Pieniazek, Marie	McEachern, Ben	Moore, Kyle	O'Brien , John	Franzetti , Paul	Marczewski, John				
Empire Generating Co, LLC	Generation Owners	Morris , Chandler	Maida , Jeff	Hudson, Daniel							
GenOn Bowline, LLC	Generation Owners	Younger, Mark	Rutz , Shaun	Sacks, Jon	Freysinger, Dave						
GlidePath Power Solutions LLC	Generation Owners	McKissack , Chris	Baur, Sean	Vickery , Chris	Labij, Denis	Arega, Robel					
Helix Ravenswood LLC	Generation Owners	D'Andrea , James	✓ Galarneau , Kenneth	Toomey, Peter							
Howard Wind LLC	Generation Owners	Smith , David	Brocks , Annette	Rohrbach, John							
Indeck Energy Services, Inc.	Generation Owners	Ferguson, Mike	✓ Younger, Mark								
Key Capture Energy	Generation Owners	Goldwasser, Rachel	Musher , Daniel	Boggs , Julian							
Lockport Energy Assoc	Generation Owners	Gesicki, Thomas	Youngberg, Mary								
MPH Rockaway Peakers, LLC	Generation Owners	Rizzo , John	Telford , Kevin	Mann , Michael							
National Grid Generation LLC	Generation Owners	Kain , Terrence	McCabe , Brian								
North East Offshore, LLC	Generation Owners	Reynolds , Melissa	Presti , John	Develor Therene							
RWE Renewables Americas, LLC Selkirk Cogen Partners, LP	Generation Owners Generation Owners	Dalakos , Theodore	Ayers-Brasher , Jennifer Whitehead , Kevin	Burke , Thomas							
Valcour Wind Energy LLC	Generation Owners Generation Owners	Biittig, Timothy Vincent, Martin	w nitenead, Kevin								
BP Energy Company	Other Suppliers	Ellis, Dean	Chintapalli , Raj	✓ Ackerman, Alan							
Brookfield Renewable Trading and Marketing L		LaRoe , Chris	Cinitapani , Kaj	Ackerman, Alan							
CPower	Other Suppliers	Breidenbaugh , Aaron	Dotson-Westphalen , Peter	Schissler, Kenneth	Hourihan, Michael						
Castleton Commodities Merchant Trading L.P.	Other Suppliers	Miraval , Marissa	Stuss, Gordon	Schissici , Keinichi	Hourman, whenaer						
Citigroup Energy Inc.	Other Suppliers	Gollomp , Jeffrey	Bisaria , Shikher								
Consolidated Edison Energy, Inc.	Other Suppliers	✓ Flagler, Grant	Napoli, Matthew								
Constellation Energy Generation, LLC	Other Suppliers	Barlette, Richard	Fuhr, Gretchen								
Constellation New Energy	Other Suppliers	Barlette , Richard	Fuhr, Gretchen	Almonord , Gregory							
Cross Sound Cable Company, LLC	Other Suppliers	Reinhart, Brian	Rotger, Jose								
DC Energy	Other Suppliers	✓ Bleiweis, Bruce	Tate, Matthew	Milberg, Sadao	Feng, Fan						
DTE Energy	Other Suppliers	✓ German , Robert	Pakela, Gregory								
Danske Commodities US LLC	Other Suppliers	Manders, Maarten	✓Mah , Norman								
Direct Energy Business Marketing, LLC	Other Suppliers	Fitch , Neal	✓ Popova , Julia								
Dynegy Marketing and Trade	Other Suppliers	Weinstein , Andrew	Allen, Sean								
ENEL X	Other Suppliers	Worsley , Alex	Davis , Kyle								
ENGIE Energy Marketing NA, Inc.	Other Suppliers	Bresolin , Sarah	Levine , Jeffrey	Hawkins , Darin							
Eastern Generation	Other Suppliers	Baker, Liam	✓ Schwall , Matthew	✓Younger, Mark	Johnson, David	✓ Saia, Doreen	Perdeck, Zachary	Zaludek , Michelle	✓Bratton , Richard		
Energy Spectrum	Other Suppliers	David, Gary	Ahrens, David	Neiburg, David	Iskowitz, Aron	Brown, Ruben	Pentland, William	Villegas , Cristina	✓ Cinadr , Matt		1
Energy Technology Savings Inc. d/b/a Logical Buildings	Other Suppliers	Hendler , Jeff	Ross , Valerie	,a	,	,,	, , , , , , , , , , , , , , , , , , , ,		,		
Galt Power	Other Suppliers	Simko , Elliott	✓ Ackerman, Alan								
HQ Energy Services US	Other Suppliers	Vennes , Yannick	Vezina , Louis	✓ Leuthauser, Scott	Guilbault , Louis	Bélanger, Frédéric					
Innoventive Power	Other Suppliers	Gruber, Craig	Halford, Steve	Lounduser, scott	Gundauit , Louis	Belanger , Predefic					
Invenergy Energy Management LLC	Other Suppliers Other Suppliers	✓ Haake, Glenn	Soorya , Radha	Johnson , Sarah	Huana Mandy						
	Other Suppliers		✓ Younger, Mark	· ·	Huang , Mandy						
Mercuria Energy America, Inc.		Davis , Andrew		Gross , Jordan							
Morgan Stanley Capital Group, Inc.	Other Suppliers	Kochonies, Karen	Meditz , Alex	Grimes , Jordan	V **** D *** ***						
NRG Business Marketing LLC	Other Suppliers	Fitch, Neal	Popova , Julia	Hsia , Jennifer	Kranz , Bradley						
New York Transco	Other Suppliers	Mullin , Victor	Caso , Rob	Carrigan , Kathleen	Haering , Paul						
NextEra Energy	Other Suppliers	Didomenico , Corinne	Gardner , Michelle								
NuEnergen Ontario Power Generation, Inc.	Other Suppliers	Nole , Anthony	Hamilton , Kevin								
PSEG Energy Resource & Trade, LLC	Other Suppliers	Lauritsen , Kim Corash , Richard	DePillo Paymond	Cimino David	Dillon Gaorge						
Riverbay Corporation	Other Suppliers Other Suppliers	Merola, Peter	DePillo , Raymond Ellison , Noel	Cimino , David	Dillon , George						
Kiverbay Corporation	Outer Suppliers	Microia, Peter	Linson , Noci	I	1	I	I	I	I	1	I

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
ESCO Enterprises, LLC	Other Suppliers	Schubiger, Michael	Torrillo , Keith						-		
hell Energy North America (US), L.P.	Other Suppliers	✓Dannels , Jeff	Picardi, Matt								
Stephentown Spindle, LLC	Other Suppliers	Streeter, Christopher	,								•
Viridity Energy Solutions	Other Suppliers	Pavo , Michael	Butt , Justin	Ward, Theodora	Schulze, Jim	Misciagna, Mark					
/itol Inc.	Other Suppliers	Wadsworth, Joe	Conn, Averill	Kahn, Casey							
KO Energy NY, LP	Other Suppliers	Drangula, Carey	Thompson, Matthew	Hughes , Adam							
Central Hudson Gas & Electric Corp.	Transmission Owners	Chan, Ting	May , Jeff	McClive, Tim	Clay, Darlene						
Consolidated Edison Co. of NY, Inc.	Transmission Owners	Lazarus , Dana	Kiselev , Dimitry	Islam , Lubaba	✓ Umeike , Ekene	Raup, Chris	LoFrumento, Susan				
National Grid	Transmission Owners	MacBride , Andrew	✓ Rogers , Sarah	Lodemore, David							
lew York State Electric & Gas (NYSEG)	Transmission Owners	✓ Novicki, Alex	Caletka, Patricia	Fox , Patrick							
Orange & Rockland Utilities, Inc.	Transmission Owners										
tochester Gas and Electric Corp.	Transmission Owners	Caletka, Patricia	Brophy, Richard	Lynch, Tim							
dcoa, Inc.	Large Consumer	✓Mager, Michael	Loughney, Robert	Trinsey, Amanda	Goodman, Jay	✓Lang, Kevin					
lobalFoundries, U.S., Inc.	Large Consumer	✓Mager, Michael	Loughney, Robert	Trinsey, Amanda	Goodman, Jay	✓Lang, Kevin					
BM Corporation	Large Consumer	✓Mager, Michael	Loughney, Robert	Trinsey, Amanda	Goodman, Jay	✓Lang, Kevin					
Jucor Steel Auburn, Inc.	Large Consumer	✓Brew , James	Baker, Laura	Briscar, Joseph	, , , , ,	, , , , ,					
Vegmans 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	rimocy , rimanda	Goodinan , Jay	Luig, ixeviii					
eth Israel Health Care System	Small Consumer	Duncan , Taylor	Trinsey, Amanda	Loughney, Robert							İ
Fordham University	Small Consumer	Duncan , Taylor	Trinsey , Amanda	Loughney, Robert							
Memorial Sloan Kettering Cancer Center	Small Consumer	Duncan , Taylor	Trinsey , Amanda	Loughney, Robert							İ
Yount Sinai Medical Center	Small Consumer	Duncan , Taylor	Trinsey , Amanda	Loughney, Robert							
lew York University	Small Consumer	Duncan, Taylor	Trinsey , Amanda	Loughney, Robert							
Utility Intervention Unit, Division of Consumer rotection, NY Dept. of State	Government Statewide Consumer Advocate	✓ Hogan , Erin	Jylkka , Christopher							✓ Montalvo, Marc	
ity of New York	Government Small Consumer and Retail Aggregate	✓Lang, Kevin	✓Mager, Michael	Trinsey , Amanda	Goodman, Jay						
YS Energy Research & Dev. Authority	Government Small Consumer and Retail Aggregate	✓ Hall , Christopher	Matteson , Schuyler	Mas , Carl	Coup, David	Yezzi , McKenzie					
ong Island Power Authority	State Power Authorities	✓ Clarke, Dave	√ Wilczek , Mariann								
ew York Power Authority	State Power Authorities	Antinori , Andrew	√Kane , James	✓ Abate , Anthony	Thacher , Davetta						
ath Electric, Gas & Water Systems	Municipalities and Coops	Bonacci , Erin	✓ Wentlent, Chris	Cordeiro, Mark							
reeport Electric	Municipalities and Coops	Livingston , Al	✓ Rudebusch, Tom	Fiore, Chris							
mestown Board of Public Utilities	Municipalities and Coops	Sellstrom , Kris	Leathers, David	Allen, Cory	✓ Rudebusch, Tom						
ake Placid Village	Municipalities and Coops	Daby , Kimball	✓ Wentlent, Chris	Cordeiro, Mark							
Aunicipal Commission of Boonville	Municipalities and Coops	Varner, Doug	✓ Wentlent, Chris	Cordeiro, Mark							
lattsburgh Municipal Lighting Dept	Municipalities and Coops	Treacy, William	✓ Wentlent, Chris	Cordeiro, Mark							
fillage of Arcade	Municipalities and Coops	Kilburn, Larry	✓ Wentlent, Chris	Cordeiro, Mark							
Village of Fairport	Municipalities and Coops	Hegarty , Matt	Wentlent, Chris	Cordeiro, Mark							
-	Municipalities and Coops		✓ Rudebusch, Tom	Cordeiro, iviark							
'illage of Rockville Centre		Foglietta, Eileen		C 1: W 1							
fillage of Solvay	Municipalities and Coops	Hawksby , Joe	Wentlent, Chris	Cordeiro, Mark							
fillage of Westfield	Municipalities and Coops	Thompson , Andrew	Wentlent, Chris	Cordeiro, Mark							
American Clean Power Association	Environmental	Reynolds , Anne	Reeder, Mark	Zalewski , Carrie	Tabak, Gabe	Grace, Gene					
invironmental Advocates	Environmental	Bambrick , Conor	Casey , Christopher	Murray , Frank	Mounter De						
nvironmental Defense Fund	Environmental	Peress J., Naim	Stein , Elizabeth	Karas , Natalie	Murphy , Erin						1
atural Resources Defense Council ew York City Environmental Justice Alliance	Environmental Environmental	Casey , Christopher Garcia , Carlos	Howe , Cullen Bautista , Eddie	Murray , Frank	Walsh , Christy						
ACE Energy & Climate Center	Environmental	Hart, Craig	Valova, Radina	Howe , Cullen							
iverkeeper	Environmental	Webster , Richard	Morris, Jackson	Tione, Cuileii							İ
Able Grid Energy Solutions, Inc.	Non Voting	Lines , Sam	Mills , Sara								
Alliance for Clean Energy New York	Non Voting	Reynolds , Anne	Reeder , Mark	Addepalli , Raj	Rabin, Kyle						
nbaric Development Partners, LLC	Non Voting	Kosel , Howard	Sanderson , Bryan	Bruno , Clarke	Fuller, Janice	Golyshevskiy, Ed					1
ppian Way Energy Partners East, LLC	Non Voting	Levy , Tal	Klein, Abram	Shen, Dong	Westlund, John	Laich, Marcus					
rdor Energy LLC	Non Voting	Breen, Erika									
vangrid Renewables, Inc.	Non Voting	Kilgallen, Kevin	Sokolski , Adam								
akerstand Solar, LLC	Non Voting	Caplan, Michael									
loom Energy	Non Voting	Noonan , Brian									
oston Energy Marketing & Trading	Non Voting	Kramek, Mike									
ruce Power	Non Voting	Jain , Anshul	Meyer, Sandra								
aithness Energy LLC	Non Voting	Keevill, Gary	Alvarez, Asavari	Garber, Mitchell							
alpine Energy Solutions	Non Voting	Sun , Jungsuk	Nakhonthap, Jade	Sunga, Leonard							
on Edison Transmission, Inc.	Non Voting	Frost, Timothy	Berninger, Marie	Deonarine , Balvinder	Hekmat, Morad	Azzolini , Mallorie					
ConnectGen East, LLC	Non Voting	Rieman, Derek	Nash, Colleen	Turner, Becky	i i	1	1	1		1	1

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
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						İ
Fluent Energy	Non Voting	Acampora, Peter	Doll , Ed								İ
GI Energy	Non Voting	Falcier, Peter	Robinson, James								İ
Ianwha Q CELLS USA Corp.	Non Voting	Miller, Amy	Kotwicki, Justin								İ
Iudson River Energy Group	Non Voting	Radigan, Frank	Canfield, Richard								İ
Iydro-Quebec TransEnergie	Non Voting	Prevost , Michel									
ΓC Mid-Atlantic Development LLC	Non Voting	Wrenbeck, Tom	Benedict, Nathan								İ
nstitute for Policy Integrity at NYU School of Law	Non Voting	Danis , Jennifer	Stein, Elizabeth								
ipiter Power LLC	Non Voting	Smith , Caitlin									
S Power Grid NY	Non Voting	Willick, Lawrence	Lundin, Tim	Brau, Brian	York , Joshua						
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								
NY-BEST Consortium	Non Voting	Acker, William	Sheehan, Denise								İ
YS Department of Public Service	Non Voting	Paynter, Thomas	✓Evans, Adam								İ
Vational Fuel Gas Distribution Corporation	Non Voting	Cej, Christopher	·								
New Athens Generating Co. LLC	Non Voting	Tripp, Hank	Janssen, Rob								
New Leaf Energy Inc.	Non Voting	Stines, Zachary	Delaney, Liz	Fisher, Kayleigh							
Fortheast Clean Heat & Power Initiative	Non Voting	Melpignano, Kristin	Brown, Ruben	✓ Cinadr , Matt	Dwyer, Herb	Lillian, Jon					
OW North America	Non Voting	Contino , Jarett	Kaplan, Seth	Syed , Saad	.,						
lus Power, LLC	Non Voting	Fraenkel , Alex	Tapan , sen	bjed , baad							
RENEW Northeast	Non Voting	Pullaro , Francis	Krich, Abigail								
Richard P. Felak	Non Voting	Felak, Rich	, , , , , , , , , , , ,								
todan Energy Solutions (USA) Inc.	Non Voting	Young , Craig									
aracen Energy East LP	Non Voting	Boling , Drew	Theriot, Kim								
avion, LLC	Non Voting	Doering , Anthony	Sunderman, Derek								
iemens Energy, Inc.	Non Voting	Feltes , James	, , , ,								
aylor Biomass Energy, LLC	Non Voting	Taylor , Jim	Page , Allan								
eichos Energy, LLC	Non Voting	Maclearnsberry, Kirk	VanCoevering , Darrel								
esla, Inc.	Non Voting	Van Cleve , Sarah	Gilfenbaum, Eliah								1
ransAlta Energy Marketing (U.S.) Inc.	Non Voting	Nivolianitis, Ted	Abend, Erik								
ransmission Developers Inc.	Non Voting	Jessome , Donald	Sheehan, Jeremiah	Harrison, Bob	Coxe, Raymond						
ransource New York, LLC	Non Voting	Rupert , David	Cundiff, Robert								1
oltus, Inc.	Non Voting	Guernsey, Dana	Amores , Angel	Fan , Jianing	Bates-Wannop , Allison	Konidena, Rao					
/heelabrator Technologies, Inc.	Non Voting	Goldie , Reg	Ginnetti , Jim		•						
Villiam P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					
Vindgrid USA LLC	Non Voting	Boyle, Stephen	,								