
NYISO Business Issues Committee Meeting Minutes
July 15, 2020
10:00 a.m. – 11:20 a.m.

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

Mr. Chris Wentlent (MEUA) 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. May 20, 2020 and June 24, 2020 BIC Meeting Minutes

There were no questions or comments regarding the draft minutes from the May 20, 2020 and June 24, 2020 BIC meetings that were included as part of the meeting material.

Motion #1:

Motion to approve the May 20, 2020 BIC meeting minutes.

Motion passed unanimously.

Motion #2:

Motion to approve the June 24, 2020 BIC meeting minutes.

Motion passed unanimously.

3. Market Operations Report and Broader Regional Markets Report

Mr. Rana (NYISO) reviewed the Market Operations and Broader Regional Markets reports included with the meeting material. There were no questions or comments.

4. Reserves for Resource Flexibility

Mr. Ethan Avallone (NYISO) reviewed the presentation included with the meeting material.

Mr. Aaron Markham (NYISO) described the overall importance of the proposed increase to the 30-minute reserve requirement within Southeastern New York (SENY) from a grid operations perspective in that it will provide ready access to resource capability to assist in returning transmission assets to normal transfer criteria following a contingency on the transmission facilities that facilitate power flows into SENY.

Mr. Mike Cadwalader (Atlantic Economics) requested clarification regarding the level of software development that would be necessary to accommodate the ability to establish reserve requirements that vary by both hour and season. Mr. Avallone stated that the degree of software changes needed to accommodate reserve requirements that vary both by hour and season would be a significantly greater undertaking than implementing reserve requirements that vary by hour only. Mr. Avallone further stated that the additional software development effort to implement reserve requirements that vary by both season and hour likely could not be completed within the implementation timeline the NYISO has developed for the current proposal.

Ms. Amanda Trinsey (Couch White) raised concerns regarding the consumer impact analysis conducted for the proposal because it does not provide any information regarding the incremental impacts related to the separate proposal seeking to increase the shortage pricing value for the additional SENY 30-minute reserves from \$25/MWh to \$40/MWh as part of the project addressing proposed enhancements to the current reserve shortage pricing. Ms. Trinsey contended that a minor delay in seeking stakeholder approval of this proposal to supplement the prior consumer impact analysis should not unnecessarily impact the implementation timeline for the proposal given that the NYISO does not currently anticipate implementing the proposed enhancements until 2022. Mr. Tariq Niazi (NYISO) noted that the consumer impact analysis to be conducted for the separate project to assess the proposed enhancements to the current reserve

shortage pricing will include the proposal to increase the shortage pricing value for the additional SENY 30-minute reserves to \$40/MWh.

Ms. Erin Hogan (UIU) and Chris Hall (NYSERDA) supported the concerns raised by the City of New York related to seeking stakeholder approval absent providing an updated consumer impact analysis that assesses the proposed increase to the shortage pricing value for the additional SENY 30-minute reserves to \$40/MWh.

Mr. Howard Fromer (Bayonne Energy Center) noted that the consumer impact analysis that was conducted indicated a minimal price impact in the near-term and contended that the increase to the shortage pricing value from \$25/MWh to \$40/MWh would be unlikely to change the outcome of the impact analysis.

Mr. Matt Schwall (IPPNY) noted that the two proposals are separate projects and the NYISO has conducted a consumer impact analysis that fully addresses the proposal presented for stakeholder consideration, as well as committed to assessing the proposal to increase the shortage pricing value for the additional SENY 30-minute reserves to \$40/MWh as part of the consumer impact analysis for the separate project addressing proposed enhancements to the current reserve shortage pricing

Ms. Doreen Saia (Greenberg Traurig) stated the importance of ensuring that reserve requirements properly reflect applicable reliability requirements and operational needs, while seeking to avoid unnecessary delays. Ms Saia further stated that implementing the proposal expeditiously will assist with providing appropriate price signals to help inform the ongoing transition of the grid.

Mr. Mark Younger (Hudson Energy Economics) strongly opposed delaying a vote on the proposal in light of the minimal impact demonstrated by the consumer impact analysis already performed by the NYISO and his expectation that a \$40/MWh shortage pricing value would not materially change the magnitude of the potential impact.

Mr. Andrew Antinori (NYPA) asked for clarification regarding the magnitude of a delay that may be required for the NYISO to supplement the previously conducted consumer impact analysis to address the separate proposal to increase the shortage pricing value for the additional SENY 30-minute reserves from \$25/MWh to \$40/MWh.

Mr. Avallone stated that the NYISO would prefer to proceed with a vote on the proposal at this time and provide information regarding the incremental impact of the proposal to increase the shortage pricing value from \$25/MWh to \$40/MWh as part of the separate project addressing proposed enhancements to the current reserve shortage pricing if today's proposal is ultimately approved by stakeholders.

Mr. Wentlent asked for information regarding the time the NYISO believes would be necessary to assess the impacts of the proposal based on the \$40/MWh shortage price that is proposed as part of the separate project addressing proposed enhancements to the current reserve shortage pricing. Mr. Zachary Stines (NYISO) noted that the NYISO is not able, at this time, to estimate the additional time required to conduct a separate, supplemental analysis assessing the potential impacts of utilizing a \$40/MWh shortage price for the additional 30-minute reserves in SENY. Mr. Stines further stated that pursuing such a separate, supplement analysis may have impacts on the timing to conduct other assessments including the consumer impact analysis for the separate project addressing proposed enhancements to the current reserve shortage pricing values. Mr. Niazi stated that the NYISO currently anticipates presenting the results of the consumer impact analysis for the project addressing proposed changes to the current reserve shortage pricing, which will include the proposal to increase the shortage pricing value for the additional SENY 30-minute reserves to \$40/MWh, in August or September 2020.

Motion #3:

The Business Issues Committee ("BIC") hereby recommends that the Management Committee approve changes to the NYISO's Market Administration and Control Area Services Tariff related to the "Reserves for Resource Flexibility" proposal, as more fully described in the presentation titled "Reserves for Resource Flexibility" made to the BIC on July 15, 2020.

Motion #3a:

Motion to table motion 3.

Motion passed with 68.45% affirmative votes.

5. COVID-19 Load Impacts

Mr. Chuck Alonge (NYISO) reviewed a presentation regarding the impacts of the COVID-19 pandemic on energy and demand requirements in New York. There were no questions or comments.

6. Working Group Updates

- Billing and Accounting and Credit Working Group: The group has not met since the last BIC meeting.
- Electric System Planning Working Group: The group has not met since the last BIC meeting.
- Installed Capacity Working Group: The group has met jointly with MIWG and PRLWG twice since the last BIC meeting. On June 30, 2020, the group met and reviewed a presentation by a presentation by the Market Monitoring Unit (MMU) regarding its quarterly market assessment for Q1 2020, and potential options for developing a hybrid storage resource model. The group also met on July 14, 2020 and reviewed bidding rules for energy storage resources participating in the wholesale capacity market.
- Load Forecasting Task Force: The group has not met since the last BIC meeting.
- Market Issues Working Group: The group has met jointly with ICAPWG and/or PRLWG three times since the last BIC meeting. The group met on June 30, 2020 and reviewed a presentation by the MMU regarding its quarterly market assessment for Q1 2020, an overview of the considerations for developing market rules to allow for the reservation of transmission capacity from Centralized TCC Auctions to be released in Balance-of-Period Auctions, potential options for developing a hybrid storage resource model, and a proposal to increase the current 30-minute reserve requirement for the Southeastern New York reserve region. On July 7, 2020, the group met and reviewed reliability considerations and potential energy market enhancements in response to the ongoing transformation of the electric system. The group also met on July 14, 2020 and reviewed the proposed methodology for conducting the consumer impact analysis related to the proposed enhancements to the current reserve shortage pricing values and reserve demand curves.
- Price Responsive Load Working Group: The group met jointly with ICAPWG and/or MIWG three times since the last BIC meeting (i.e., June 30, 2020, July 7, 2020, and July 14, 2020). 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.

7. New Business

There was no new business.

Meeting adjourned at 11:20 a.m.

Business Issues Committee Meeting

July 15, 2020

Final Motions

Motion #1:

Motion to approve the Minutes of the May 20, 2020 BIC meeting.

Motion passed unanimously.

Motion #2:

Motion to approve the Minutes of the June 24, 2020 BIC meeting.

Motion passed unanimously.

Motion #3:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee approve changes to the NYISO’s Market Administration and Control Area Services Tariff related to the “Reserves for Resource Flexibility” proposal, as more fully described in the presentation titled “Reserves for Resource Flexibility” made to the BIC on July 15, 2020.

Motion 3a:

Motion to table motion 3.

Motion passed with 68.45% affirmative votes.

New York Independent System Operator

Business Issues Committee - July 15, 2020

Motion: Motion #motion to table

Result: Motion Passed

Sector with base percent	%	Active	Quorum	Adj. Percent	For	Against	Abstain	% For	% Against
Generation Owners	21.50	✓	X	4.78	0.00	2.00	2.00	0.00	4.78
Other Suppliers	21.50	✓	✓	21.50	0.00	2.00	9.00	0.00	21.50
Transmission Owners	20.00	✓	✓	20.00	1.00	0.00	3.00	20.00	0.00
End Use Consumer			✓						
Large Consumer	9.00	✓		9.00	4.00	0.00	0.00	15.50	0.00
Large Cons. Gov. Agency	2.00	✓		2.00	0.00	0.00	0.00	0.00	0.00
Small Consumer	4.50	✓	✓	4.50	0.00	0.00	6.00	0.00	0.00
Gov. State-wide Cons. Advocate	2.70	✓		2.70	1.00	0.00	0.00	2.70	0.00
Gov. Sm. Cons. & Retail Aggr.	1.80	✓		1.80	1.00	0.00	1.00	1.80	0.00
Public Power			✓						
State Power Authorities	8.00	✓		8.00	2.00	0.00	0.00	9.07	0.00
Munis & Co-ops	7.00	✓		7.00	11.00	0.00	0.00	7.93	0.00
Environmental	2.00	✓		2.00	0.00	0.00	1.00	0.00	0.00
			4	83.28	20.00	4.00	22.00	57.00	26.28
				83.28	Normalize to 100% :			68.45	31.55

New York Independent System Operator

Business Issues Committee - July 15, 2020

Motion: Motion #motion to table

Result: Motion Passed

Sector	Organization	Representative	Affiliate	Present	For	Against
Generation Owners	Indeck Energy Services, Inc.	Younger, Mark	N	Y	0.00	1.00
Generation Owners	Astoria Energy LLC		N	N	0.00	0.00
Generation Owners	Calpine	Schwall, Matthew	N	Y	0.00	1.00
Generation Owners	CPV Valley LLC		N	N	0.00	0.00
Generation Owners	East Coast Power, LLC		N	N	0.00	0.00
Generation Owners	Entergy Nuclear Northeast	Saia, Doreen	N	Y	0.00	0.00
Generation Owners	Innovative Energy Systems		Y	N	0.00	0.00
Generation Owners	Selkirk Cogen Partners, LP		N	N	0.00	0.00
Generation Owners	EDP Renewables North America LLC		N	N	0.00	0.00
Generation Owners	Cricket Valley Energy Center		Y	N	0.00	0.00
Generation Owners	Invenergy Energy Management LLC		N	N	0.00	0.00
Generation Owners	National Grid Generation LLC		Y	N	0.00	0.00
Generation Owners	Somerset Operating Company, LLC		N	N	0.00	0.00
Generation Owners	Howard Wind LLC		N	N	0.00	0.00
Generation Owners	Bayonne Energy Center, LLC		Y	N	0.00	0.00
Generation Owners	Helix Ravenswood LLC		N	N	0.00	0.00
Generation Owners	Cypress Creek Renewables		N	N	0.00	0.00
Generation Owners	Danskammer Energy, LLC		N	N	0.00	0.00
Generation Owners	Empire Generating Co, LLC		Y	N	0.00	0.00
Generation Owners	Covanta Niagara, LP	Burke, David	N	Y	0.00	0.00
Generation Owners	Key Capture Energy		N	N	0.00	0.00
Generation Owners	GlidePath Power Solutions LLC		N	N	0.00	0.00
Generation Owners	North East Offshore, LLC		N	N	0.00	0.00
Other Suppliers	BJ Energy LLC		N	N	0.00	0.00
Other Suppliers	Citigroup Energy Inc.		N	N	0.00	0.00
Other Suppliers	Constellation New Energy		Y	N	0.00	0.00
Other Suppliers	Cross Sound Cable Company, LLC		N	N	0.00	0.00
Other Suppliers	DC Energy	Bleiweis, Bruce	N	Y	0.00	0.00
Other Suppliers	DTE Energy	German, Robert	N	Y	0.00	0.00
Other Suppliers	Energy Spectrum		N	N	0.00	0.00
Other Suppliers	Galt Power	Ackerman, Alan	N	Y	0.00	0.00
Other Suppliers	HQ Energy Services US	Leuthauser, Scott	N	Y	0.00	0.00
Other Suppliers	Morgan Stanley Capital Group, Inc.		N	N	0.00	0.00
Other Suppliers	NRG Power Marketing Inc.		N	N	0.00	0.00
Other Suppliers	Ontario Power Generation, Inc.		N	N	0.00	0.00
Other Suppliers	Exelon Generating Co. LLC		N	N	0.00	0.00
Other Suppliers	PSEG Energy Resource & Trade, LLC		N	N	0.00	0.00
Other Suppliers	SESCO Enterprises, LLC		N	N	0.00	0.00
Other Suppliers	Shell Energy North America, LLC		N	N	0.00	0.00
Other Suppliers	BP Energy Company	Ackerman, Alan	N	Y	0.00	0.00
Other Suppliers	NextEra Energy	Talbot, Soria	N	Y	0.00	0.00
Other Suppliers	Innoventive Power		N	N	0.00	0.00
Other Suppliers	Vitol Inc.		N	N	0.00	0.00
Other Suppliers	Viridity Energy, Inc.		N	N	0.00	0.00
Other Suppliers	Riverbay Corporation		N	N	0.00	0.00
Other Suppliers	Castleton Commodities Merchant Trading L.P.		N	N	0.00	0.00
Other Suppliers	Direct Energy Business Marketing, LLC	Newton, Jonathan	N	Y	0.00	0.00
Other Suppliers	Mercuria Energy America, Inc.	Younger, Mark	N	Y	0.00	1.00

Sector	Organization	Representative	Affiliate	Present	For	Against
Other Suppliers	New York Transco		Y	N	0.00	0.00
Other Suppliers	Talen Energy		N	N	0.00	0.00
Other Suppliers	XO Energy NY, LP		N	N	0.00	0.00
Other Suppliers	Dynegy Marketing and Trade		N	N	0.00	0.00
Other Suppliers	Brookfield Energy Marketing L.P.	LaRoe, Chris	N	Y	0.00	0.00
Other Suppliers	Eastern Generation	Baker, Liam	N	Y	0.00	1.00
Other Suppliers	ENGIE Energy Marketing NA, Inc.		Y	N	0.00	0.00
Other Suppliers	Stephentown Spindle, LLC		N	N	0.00	0.00
Other Suppliers	ENEL X		N	N	0.00	0.00
Other Suppliers	Energy Technology Savings Inc. d/b/a Logical Buildings		N	N	0.00	0.00
Other Suppliers	Consolidated Edison Energy, Inc.		Y	N	0.00	0.00
Other Suppliers	COI Energy Services, Inc.	Breidenbaugh, Aaron	N	Y	0.00	0.00
Transmission Owners	New York State Electric & Gas (NYSEG)	Caletka, Patricia	N	Y	0.00	0.00
Transmission Owners	Central Hudson Gas & Electric Corp.	Chan, Ting	N	Y	1.00	0.00
Transmission Owners	Consolidated Edison Co. of NY, Inc.	Yu, Joel	N	Y	0.00	0.00
Transmission Owners	National Grid	Janzen, Margaret	N	Y	0.00	0.00
Transmission Owners	Orange & Rockland Utilities, Inc.		Y	N	0.00	0.00
Transmission Owners	Rochester Gas and Electric Corp.		Y	N	0.00	0.00
End Use - Large Consumer	IBM Corporation	Trinsey, Amanda	N	Y	1.00	0.00
End Use - Large Consumer	Occidental Chemical Corp.	Trinsey, Amanda	N	Y	1.00	0.00
End Use - Large Consumer	Wegmans Food Markets	Trinsey, Amanda	N	Y	1.00	0.00
End Use - Large Consumer	Nucor Steel Auburn, Inc.		N	N	0.00	0.00
End Use - Large Consumer	Alcoa, Inc.	Trinsey, Amanda	N	Y	1.00	0.00
End Use - Large Cons. Gov. Agency	Metropolitan Transportation Authority		N	N	0.00	0.00
End Use - Small Consumer	Beth Israel Health Care System	Trinsey, Amanda	N	Y	0.00	0.00
End Use - Small Consumer	Fordham University	Trinsey, Amanda	N	Y	0.00	0.00
End Use - Small Consumer	Memorial Sloan Kettering Cancer Center	Trinsey, Amanda	N	Y	0.00	0.00
End Use - Small Consumer	Mount Sinai Medical Center	Trinsey, Amanda	N	Y	0.00	0.00
End Use - Small Consumer	New York University	Trinsey, Amanda	N	Y	0.00	0.00
End Use - Small Consumer	Association for Energy Affordability	Casey, Christopher	N	Y	0.00	0.00
End Use - Gov. State-wide Cons. Advocate	Utility Intervention Unit, Division of Consumer Protection, NY Dept. of State	Hogan, Erin	N	Y	1.00	0.00
End Use - Gov. Sm. Cons. & Retail Aggr.	NYS Energy Research & Dev. Authority	Hall, Christopher	N	Y	0.00	0.00
End Use - Gov. Sm. Cons. & Retail Aggr.	City of New York	Trinsey, Amanda	N	Y	1.00	0.00
Public Power - State Power Authorities	Long Island Power Authority	Wilczek, Mariann	N	Y	1.00	0.00
Public Power - State Power Authorities	New York Power Authority	Antinori, Andrew	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Bath Electric, Gas & Water Systems	Wentlent, Chris	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Freeport Electric	Rudebusch, Tom	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Jamestown Board of Public Utilities	Rudebusch, Tom	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Lake Placid Village	Wentlent, Chris	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Municipal Commission of Boonville	Wentlent, Chris	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Plattsburgh Municipal Lighting Dept	Wentlent, Chris	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Westfield	Wentlent, Chris	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Solvay	Wentlent, Chris	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Arcade	Wentlent, Chris	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Fairport	Wentlent, Chris	N	Y	1.00	0.00
Public Power - Munis & Co-ops	Village of Rockville Centre	Rudebusch, Tom	N	Y	1.00	0.00
Public Power - Environmental	American Wind Energy Association		N	N	0.00	0.00
Public Power - Environmental	Environmental Advocates		N	N	0.00	0.00
Public Power - Environmental	Natural Resources Defense Council	Casey, Christopher	N	Y	0.00	0.00
Public Power - Environmental	PACE Energy & Climate Center		N	N	0.00	0.00
Public Power - Environmental	Riverkeeper		N	N	0.00	0.00
Public Power - Environmental	Environmental Defense Fund		N	N	0.00	0.00
Public Power - Environmental	New York City Environmental Justice Alliance		N	N	0.00	0.00

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
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								
Highview Power Storage, Inc.	Non Voting	Riley , Richard	Minopoli , Salvatore								
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						
LS Power Grid NY	Non Voting	Willick , Lawrence	York , Joshua	Carroll , Casey	Hayes , Patrick						
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	Perrotti , Frank	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	Hamilton , Sandy	Korczykowski , Ryan								
Plus Power, LLC	Non Voting	Fraenkel , Alex									
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	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								
Wheelabrator Technologies, Inc.	Non Voting	Goldie , Reg	Ginnetti , Jim								
William P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					