
NYISO Business Issues Committee Meeting Minutes
September 9, 2020
10:00 a.m. – 11:30 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. Draft July 15, 2020 and August 12, 2020 BIC Minutes

There were no questions or comments regarding the draft minutes from the July 15, 2020 and August 12, 2020 BIC meetings that were included as part of the meeting material.

Motion #1:

Motion to approve the July 15, 2020 and August 12, 2020 BIC meeting minutes.

Motion passed unanimously with abstentions.

3. Market Operations Report

Mr. Wentlent stated that due to the early timing of the meeting within the month, the market performance highlights were not yet available for review. It was further noted that the Market Operations Report would be posted as part of the meeting material once available.

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 09, 2020.

Motion passed unanimously with abstentions.

5. New York City Steam Units Exemption

Mr. Chris Hargett (Con Edison) reviewed the presentation included with the meeting material.

Mr. Howard Fromer (Bayonne Energy Center) asked whether the steam units at issue are operated solely to meet Con Edison's steam system requirements. Mr. Hargett confirmed that the units at issue are operated to meet the requirements of Con Edison's steam system.

Mr. Fromer asked whether the capacity market participation of the units at issue is limited to only the electric output needed to meet Con Edison's steam system. Mr. Hargett stated that the full electric output capability of the units at issue is bid into the market and made available in the event needed by the NYISO for reliability. Mr. Hargett noted that the units at issue are self-scheduled based on the electric output corresponding to the operation to meet the steam system requirements with the additional output capability also being made available to the market if needed for reliability.

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 and Open Access Transmission Tariff as more fully described in the presentation titled "New York City Steam Exemption" made to the BIC on September 9, 2020.

Motion passed unanimously with abstentions.

6. Bidding Rules for Energy Storage Resources as ICAP Suppliers with Energy Duration Limitations

Ms. Sarah Carkner (NYISO) reviewed the presentation included with the meeting material. There were no questions or comments specific to the proposal.

Motion #4:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee (“MC”) approve changes to Sections 5.12 of the NYISO’s Market Administration and Control Area Services Tariff as more fully described in the presentation “ESR Bidding Rules for ICAP Suppliers with an Energy Duration Limitation” made to the BIC on September 9, 2020.

Motion passed unanimously with abstentions.

7. Large Scale Solar on Dispatch

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

Mr. Kevin Lang (Couch White) asked for clarification regarding the data used in real-time for determining the output by solar generation that is directly participating in the wholesale markets. Mr. McPherson stated that, in real-time, the actual metered output by solar generation is used for purposes of determining compensation.

Mr. Norman Mah (Con Edison Energy) asked whether the proposed revisions are intended to apply to existing solar generation that is directly participating in the wholesale markets. Mr. McPherson confirmed that the proposed revisions are intended to apply to existing solar generation directly participating in the wholesale market. Mr. McPherson noted that the NYISO has already initiated outreach to the only existing solar generator that directly participates in the wholesale markets to discuss the proposed revisions.

Ms. Soria Talbot (NextEra) asked whether the NYISO could provide any further specificity regarding the anticipated timeframe for implementing the proposed changes in 2021. Mr. McPherson noted that, at this time, the NYISO has not yet finalized the expected deployment timeframe for the proposal within 2021.

Motion #5:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee approve changes to the NYISO’s Market Administration and Control Area Services Tariff as more fully described in the presentation titled “Large Scale Solar on Dispatch Tariff Revisions” made to the BIC on September 9, 2020.

Motion passed unanimously with abstentions.

8. Unsecured Credit for Public Power and Governmental Entities

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

Mr. Lang asked whether the NYISO has assessed the potential impact of the proposal on current governmental entities participating in the wholesale markets. Ms. Prevratil stated that, based on the NYISO’s review, it is not anticipated that the proposal will result in adverse impacts to current governmental entities participating in the wholesale markets.

Mr. Tom Rudebusch (NYAPP) and Mr. Wentlent raised concerns about the potential for adverse impacts in the future to smaller municipal electric entities that are currently unrated and may not be able to qualify for unsecured credit under the proposed revisions for unsecured credit.

Mr. Wentlent recommended that the NYISO consider the ability for unrated, smaller municipal electric entities to provide annual statements filed with the New York State Public Service Commission as an alternative to audited financial statements in order to pursue an Equivalency Rating for purposes qualifying for unsecured credit.

Mr. Lang recommended that the NYISO assess whether further enhancements may be needed to avoid the potential for adverse impacts to unrated, smaller municipal electric and other governmental entities that may not currently have audited financial statements.

Mr. Fromer stated that with the potential for increasing participation by municipal/governmental entities through community choice aggregation programs developed by the New York State Public Service Commission it will be important for the NYISO to carefully monitor the application of such credit security requirements to municipal/governmental entities going forward. Mr. Lang noted that municipal or other governmental entities do not generally act as a Load Serving Entity (LSE) under community choice aggregation programs. Mr. Lang further explained that the LSE for a community choice aggregation program is typically a third party retail electric supplier.

Mr. Andrew Antinori (NYPA) requested that the NYISO evaluate the ability to provide additional information to stakeholders regarding the total amount of unsecured credit that is currently provided to municipal electric and other governmental entities participating in the wholesale markets.

Motion #6:

The Business Issues Committee (BIC) hereby recommends that the Management Committee approve revisions to Attachment K of the Market Administration and Control Area Services Tariff as described in the presentation entitled "Unsecured Credit for Public Power and Governmental Entities," made at the September 9, 2020 BIC meeting.

Motion passed by majority with abstentions.

[Votes in Opposition: Bath Electric, Lake Placid, Municipal Commission of Boonville, Plattsburgh Municipal Lighting Department, Village of Arcade, Village of Fairport, Village of Solway, and Village of Westfield, Freeport Electric, Jamestown Board of Public Utilities, and Village of Rockville Centre]

9. TCC Market Credit Policy Enhancements

Ms. Prevratil reviewed the presentation included with the meeting material.

Mr. Mike Kramek (Boston Energy) asked whether the proposal to conduct a future one-year round for a period equivalent to the second year of previously sold two-year TCCs essentially results in conducting a one-year round of the Spring Centralized TCC Auction early. Ms. Prevratil clarified that the proposed tariff revisions would provide the NYISO authority to conduct a single round Sub-Auction for the one-year period matching the second year of previously sold two-year TCCs. Ms. Prevratil further stated that such future one-year Sub-Auction round would be conducted as part of the Autumn Centralized TCC Auction that follows a Spring Centralized TCC Auction in which two-year TCCs were sold.

Motion #7:

The Business Issues Committee (BIC) hereby recommends that the Management Committee approve revisions to Attachment K of the Market Administration and Control Area Services Tariff and Attachments M and N of the Open Access Transmission Tariff as described in the presentation titled "Proposed TCC Credit Policy Enhancements" made at the September 9, 2020 BIC meeting.

Motion passed unanimously with abstentions.

10. Working Group Updates

- **Billing and Accounting and Credit Working Group:** The group met on August 25, 2020 and reviewed the standard accounting/settlement reports, a presentation by KPMG providing an update regarding the status of the ongoing 2020 System and Organizational Controls (SOC) 1 audit, proposed enhancements to the credit security requirements for the Transmission Congestion Contracts (TCC) market, proposed enhancements to the requirements for public power and governmental entities to obtain unsecured credit, and proposed revisions to

the Accounting and Billing Manual related to energy storage resources settlements and the pricing rule enhancements for fast-start resources.

- Electric System Planning Working Group: The group has met twice since the last BIC meeting. On August 20, 2020, the group met and reviewed potential enhancements to the economic planning process, preliminary results for the 70x30 scenario being conducted as part of the 2020 Reliability Needs Assessment (RNA), and transmission security results for certain scenarios being conducted as part of the 2020 RNA. The group also met on August 31, 2020 and reviewed potential enhancements to the economic planning process.
- Installed Capacity Working Group: The group has met jointly with MIWG and PRLWG twice since the last BIC meeting. The group met on August 19, 2020 and reviewed interconnection and capacity market requirements for co-located energy storage resources, and bidding rules for energy storage resources participating in the capacity market with energy duration limitations. The group also met on August 25, 2020 and reviewed capacity market participation requirements for co-located energy storage resources, the results of the consumer impact analysis for the proposed co-located energy storage resource participation model, and a presentation by the Market Monitoring Unit (MMU) regarding its quarterly market assessment for Q2 2020.
- Load Forecasting Task Force: The group met on August 24, 2020 and reviewed the peak load hours from the Summer 2020 Capability Period to date, an overview of the schedule for developing the load forecasts for the NYSRC's installed reserve margin study and capacity market peak load forecast for the 2021/2022 Capability Year, proposed enhancements to the methodology for calculating regional load growth factors used in developing peak load forecasts, the proposed methodology and preliminary results for weather normalization and regional load growth factors to be used in developing the peak load forecasts for the 2021/2022 Capability Year, and an overview of the recent stakeholder-approved enhancements to the methodology for determining the statewide peak load hour and the allocation of capacity requirements to Load Serving Entities.
- Market Issues Working Group: The group has met four times since the last BIC meeting, including joint meetings with ICAPWG and/or PRLWG. On August 19, 2020, the group met and reviewed energy market participation requirements for co-located energy storage resources. The group met on August 25, 2020 and reviewed energy market participation requirements for co-located energy storage resources, the results of the consumer impact analysis for the proposed co-located energy storage resource participation model, and a presentation by the MMU regarding its quarterly market assessment for Q2 2020. On September 1, 2020, the group met and reviewed proposed enhancements to the current reserve shortage pricing values, reserve demand curves and reserve procurements, the results of the consumer impact analysis for the proposed enhancements to the current reserve shortage pricing values, reserve demand curves and reserve procurements, proposed rules for dispatching solar resources that participate directly in the wholesale markets, and a proposal to allow for the reservation of transmission capacity from Centralized TCC Auctions to be released in Balance-of-Period Auctions. The group also met on September 8, 2020 and reviewed energy market participation requirements for co-located energy storage resources.
- Price Responsive Load Working Group: The group met jointly with ICAPWG and/or MIWG three times since the last BIC meeting (i.e., August 19, 2020, August 25, 2020, and September 8, 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.

11. New Business

There was no new business.

Meeting adjourned at 11:30 a.m.

Business Issues Committee Meeting

September 09, 2020

Final Motions

Motion #1:

Motion to approve the Minutes of the July 15, 2020 and August 12, 2020 BIC meetings.

Motion passed unanimously with abstentions.

Motion #2:

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Motion #3:

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Motion passed unanimously with abstentions.

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Motion #5:

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Motion passed unanimously with abstentions.

Motion #6:

The Business Issues Committee (BIC) hereby recommends that the Management Committee approve revisions to Attachment K of the Market Administration and Control Area Services Tariff as described in the presentation entitled “Unsecured Credit for Public Power and Other Governmental Entities,” made at the September 9, 2020 BIC meeting.

Motion passed by majority with abstentions.

Motion #7:

The Business Issues Committee (BIC) hereby recommends that the Management Committee approve revisions to Attachment K of the Market Administration and Control Area Services Tariff and Attachments M and N of the Open Access Transmission Tariff as described in the presentation titled “Proposed TCC Credit Policy Enhancements” made at the September 9, 2020 BIC meeting.

Motion passed unanimously with abstentions.

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Talen Energy	Other Suppliers	Toomey , Megan	Hohenshilt , Jennifer	Labella , Julie	Raggio , Debra						
Viridity Energy, Inc.	Other Suppliers	Freifeld , Allen									
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	May , Jeff	✓Chan, Ting	Jolly , James	Delmar , Valerie						
Consolidated Edison Co. of NY, Inc.	Transmission Owners	Quin , Jane	✓Hargett , Chris	Yu , Joel	Lazarus , Dana	Butterklee, Neil	LoFrumento , Susan				
National Grid	Transmission Owners	✓Janzen , Margaret	Lodemore , David	Wilkie , Brian							
New York State Electric & Gas (NYSEG)	Transmission Owners	✓Caletka, Patricia	Lynch , Tim	✓Brophy , Richard							
Orange & Rockland Utilities, Inc.	Transmission Owners										
Rochester Gas and Electric Corp.	Transmission Owners	✓Caletka, Patricia	Lynch , Tim	✓Brophy , Richard							
Alcoa, Inc.	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey , Amanda	✓Lang, Kevin						
IBM Corporation	Large Consumer	Mager, Michael	Loughney, Robert	Trinsey , Amanda	✓Lang, Kevin						
Nucor Steel Auburn, Inc.	Large Consumer	✓Brew , James	Mackaronis , Chris	Baker , Laura							
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								
Association for Energy Affordability	Small Consumer	Strauss , Valerie	Hepinstall, David	Casey , Christopher							
Beth Israel Health Care System	Small Consumer	Luthin, Catherine	Ewart , Sean	✓Lang, Kevin	Mager, Michael	Trinsey , Amanda					
Fordham University	Small Consumer	Luthin, Catherine	Ewart , Sean	✓Lang, Kevin	Mager, Michael	Trinsey , Amanda					
Memorial Sloan Kettering Cancer Center	Small Consumer	Luthin, Catherine	Ewart , Sean	✓Lang, Kevin	Mager, Michael	Trinsey , Amanda					
Mount Sinai Medical Center	Small Consumer	Luthin, Catherine	Ewart , Sean	✓Lang, Kevin	Mager, Michael	Trinsey , Amanda					
New York University	Small Consumer	Luthin, Catherine	Ewart , Sean	✓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	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	Zielinski , Andrew	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	Municipalities and Coops	Livingston , Al	✓Rudebusch, Tom	Fiore , Chris							
Jamestown Board of Public Utilities	Municipalities and Coops	Sellstrom , Kris	Leathers, David	Allen , Cory	✓Rudebusch, Tom						
Lake Placid Village	Municipalities and Coops	Daby , Kimball	✓Wentlent, Chris	Cordeiro, Mark							
Municipal Commission of Boonville	Municipalities and Coops	Varner , Doug	✓Wentlent, Chris	Cordeiro, Mark							
Plattsburgh Municipal Lighting Dept	Municipalities and Coops	Treacy, William	✓Wentlent, Chris	Cordeiro, Mark							
Village of Arcade	Municipalities and Coops	Kilburn, Larry	✓Wentlent, Chris	Cordeiro, Mark							
Village of Fairport	Municipalities and Coops	Hegarty , Matt	✓Wentlent, Chris	Cordeiro, Mark							
Village of Rockville Centre	Municipalities and Coops	Andreas , Philip	Valenzano , Michael	✓Rudebusch, Tom							
Village of Solvay	Municipalities and Coops	Hawksby , Joe	✓Wentlent, Chris	Cordeiro, Mark							
Village of Westfield	Municipalities and Coops	Thompson . Andrew	✓Wentlent, Chris	Cordeiro, Mark							
American Wind Energy Association	Environmental	Reynolds , Anne	Reeder , Mark	Fink , Sari	Tabak , Gabe	Grace , Gene					
Environmental Advocates	Environmental	Bambrick , Conor	Morris, Jackson								
Environmental Defense Fund	Environmental	Peress J., Naim	Stein , Elizabeth	Karas , Natalie	Murphy , Erin						
Natural Resources Defense Council	Environmental	Casey . Christopher	Howe . Cullen	Morris, Jackson	De Costanzo , Donna						
New York City Environmental Justice Alliance	Environmental	Garcia , Carlos	Bautista , Eddie								
PACE Energy & Climate Center	Environmental	Hart , Craig	Valova , Radina	Howe , Cullen							
Riverkeeper	Environmental	Webster , Richard	Morris, Jackson								
AES ES Holdings LLC	Non Voting	Hillman , Sharon	Kumaraswamy , Kiran								
Able Grid Energy Solutions, Inc.	Non Voting	Lines , Sam	Mills , Sara								
Acadia Center	Non Voting	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									
Avangrid Renewables, Inc.	Non Voting	Kilgallen , Kevin	Sokolski , Adam								
Bakerstand Solar, LLC	Non Voting	Caplan , Michael									
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							
Cubit Power One Inc.	Non Voting	Powell , Alan	Powell , Leighton	Singer, Leonard							

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						
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								
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	Veza, 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					
NuErogen	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					