
NYISO Business Issues Committee Meeting Minutes
April 11, 2022
10:00 a.m. – 10:20 a.m.

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

Mr. John Marczewski (East Coast Power) 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. Market Operations Report

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

Mr. Chris Wentlent (MEUA) asked whether increasing fuel costs in addition to transmission outages for ongoing public policy transmission upgrade project construction are the main factors for the increase in energy costs compared to March 2021. Mr. Mukerji stated that the year-over-year increase in fuel costs is a primary driver of the observed increase in wholesale energy costs compared to last year.

3. NYISO document revisions needed to share GFER survey results

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

Motion #1:

The Business Issue Committee ("BIC") hereby approves the revisions to the Transmission and Dispatch Operations Manual regarding the updates required to share Generator Fuel and Emissions Reporting (GFER) results with all New York Transmission Operators (TOPs). The applicable revisions approved by the BIC shall become effective April 29, 2022.

Motion passed unanimously.

4. Working Group Updates

- Billing and Accounting and Credit Working Group: The group met on March 21, 2022 and reviewed: (1) the standard accounting/settlement reports; and (2) an update regarding enhancements to meter data reporting procedures currently anticipated to be implemented in Q4 2022.
- Electric System Planning Working Group: The group has met twice since the last BIC meeting, including a joint meeting with LFTF. The group met on March 24, 2022 and reviewed: (1) a presentation by NYPA to provide an update regarding its Western New York Science and Technology Manufacturing Park upgrade project; (2) presentations by Consolidated Edison and National Grid regarding updates to their respective local transmission plans; (3) 2022 load forecast updates including the preliminary long-term energy and peak load forecasts, load forecast uncertainty assumptions, and the impacts electric vehicle charging; (4) preliminary modeling assumptions and potential scenarios related to the 2022 Reliability Needs Assessment; (5) an overview of considerations related to the use of new load shape and load forecast uncertainty assumptions for GE Multi-Area Reliability Simulation (MARS) analyses; and (6) an update regarding the ongoing 2021-2040 System & Resource Outlook study. On April 1, 2022, the group met and reviewed: (1) preliminary modeling assumptions and topology changes related to the 2022 Reliability Needs Assessment; (2) an overview of comments in response to the results of the Viability and Sufficiency Assessment for proposals submitted in response to the Public Policy Transmission Need related to facilitating the delivery of power from offshore wind facilities; and (3) an update regarding the ongoing 2021-2040 System & Resource Outlook study.
- Installed Capacity Working Group: The group has met jointly with MIWG and PRLWG three times since the last BIC meeting. On March 16, 2022, the group met and reviewed topics related to Phase 2 of the improving capacity accreditation initiative, including considerations related to the development of capacity accreditation resource classes, and the determination of unforced capacity values for capacity suppliers. The group met on March 25, 2022, and reviewed: (1) proposed capacity market participation rules for hybrid storage resources;

and (2) an overview of preliminary results from an assessment requested by the NYSRC Installed Capacity Subcommittee to evaluate the potential installed reserve margin and locational capacity requirement impacts related to the implementation of the transmission upgrades developed for the AC Transmission Public Policy Transmission Need and generator retirements anticipated in response to the NYSDEC's "peaker rule." The group also met on March 31, 2022 and reviewed: (1) topics related to Phase 2 of the improving capacity accreditation initiative, including considerations for representative unit modeling in determining marginal capacity accreditation factors; (2) a presentation by GE Energy Consulting regarding the considerations for conducting effective load carrying capability (ELCC) modeling for purposes of determining the marginal reliability value of capacity resources; and (3) proposed changes to the current rules governing the expiration and transfer of Capacity Resource Interconnection Service.

- Load Forecasting Task Force: The group met jointly with ESPWG on March 24, 2022 and reviewed 2022 load forecast updates including the preliminary long-term energy and peak load forecasts, load forecast uncertainty assumptions, and the impacts electric vehicle charging.
- Market Issues Working Group: The group has met jointly with ICAPWG and/or PRLWG five times since the last BIC meeting. The group met on March 16, 2022 and reviewed: (1) considerations related to energy market participation of internal controllable transmission facilities; and (2) an overview of the NYISO's compliance obligations in response to FERC Order No. 881 relating to the use of ambient-adjusted ratings for transmission facilities. On March 25, 2022, the group met and reviewed: (1) proposed rules for the participation of hybrid storage resources in the energy and ancillary services markets; (2) proposed changes to the Transmission and Dispatch Operations Manual and Generator Fuel and Emissions Reporting User's Guide to permit the sharing of fuel and emission data reported by generators with transmission operators in New York as required by new reliability standards implemented by NERC; and (3) topics related to the implementation of the distributed energy resource (DER) participation model, including enrollment and operational coordination requirements with transmission owners and distribution utilities. The group met on March 31, 2022 and reviewed the operational results for New York wind and solar resources during 2021. On April 5, 2022, the group met and reviewed: (1) potential enhancements to address the pricing of redundant transmission constraints on in-series and parallel line segments as part of the transmission constraint pricing logic; (2) considerations related to potential enhancements to improve the modeling of the reserve capability provided by duct-firing technology installed at combine cycle units; and (3) an overview of potential modeling assumptions for conducting the 2022 study to assess certain matters related to the ongoing transition of New York's electric grid. The group also met on April 6, 2022 and reviewed: (1) topics related to the implementation of the DER participation model, including communications and telemetry requirements and rules for the participation of DER aggregations in the ancillary services markets; (2) an overview of the process for establishing the necessary telemetry and communications to participate in the NYISO markets; (3) a presentation by Voltus proposing the consideration of alternative communications and telemetry requirements for DER; (4) an evaluation of historical performance by reserve providers during reserve pick-up events; and (5) considerations related to the potential development of a reserve provider performance penalty mechanism.
- Price Responsive Load Working Group: The group has met jointly with ICAPWG and/or MIWG five times since the last BIC meeting (i.e., March 16, 2022, March 25, 2022, March 31, 2022, April 5, 2022, and April 6, 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.

5. New Business

There was no new business.

Meeting adjourned at 10:20 a.m.

Business Issue Committee

April 11, 2022

Final Motion

Motion #1:

The Business Issue Committee (“BIC”) hereby approves the revisions to the Transmission and Dispatch Operations Manual regarding the updates required to share Generator Fuel and Emissions Reporting (GFER) results with all New York Transmission Operators (TOPs). The applicable revisions approved by the BIC shall become effective April 29, 2022.

Motion passed unanimously.

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	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	Seireg , Bahaa	Raup , Chris	Butterklee, Neil	LoFrumento , Susan				
National Grid	Transmission Owners	Janzen , Margaret	Lodemore , David	Gonsalves , Shelanda							
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	Hogan , Erin	Montalvo , Marc								
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						
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 Clean Power Association	Environmental	Reynolds , Anne	Reeder , Mark	Fink , Sari	Tabak , Gabe	Grace , Gene					
Environmental Advocates	Environmental	Bambrick , Conor	Casey , Christopher	Murray , Frank							
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								
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	Reeder , Mark	Addepalli , Raj	Rabin , Kyle						
Anbaric Development Partners, LLC	Non Voting	Kosel , Howard	Sanderson , Bryan	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									
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	Houirhan , 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							
ConnectGen East, LLC	Non Voting	Rieman , Derek	Nash , Colleen	Turner , Becky							
Cubit Power One Inc.	Non Voting	Powell , Alan	Powell , Leighton	Singer, Leonard							

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Customized Energy Solutions	Non Voting	Mancini, Rick	Fernands, Stephen	Rexrode, Caryn	✓ Ackerman, Alan						
Energy 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	Gundlach , Justin	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					
NuErgen	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					