
NYISO Business Issues Committee Meeting Minutes
May 19, 2022
10:00 a.m. – 11:30 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. Draft March 16, 2022 and April 11, 2022 Meeting Minutes

There were no questions or comments regarding the draft minutes from the March 16, 2022 and April 11, 2022 BIC meetings included as part of the meeting material.

Motion #1:

Motion to approve the March 16, 2022 and April 11, 2022 Meeting Minutes.

Motion passed unanimously.

3. Market Operations Report

Mr. Rana Mukerji (NYISO) reviewed the market operations report included with the meeting material. There were no questions or comments.

4. Comprehensive Mitigation Review Order Discussion

Mr. Mike DeSocio (NYISO) reviewed the presentation included with the meeting material.

Mr. Adam Evans (NYDPS) asked for clarification regarding whether Tier 4 projects are automatically considered to be Excluded Facilities or whether such projects are subject to the requirement to submit a self-certification to demonstrate eligibility to qualify as an Excluded Facility. Mr. DeSocio (NYISO) stated that Tier 4 eligible resources would be required to submit a self-certification to demonstrate that they qualify as an Excluded Facility.

Mr. Kevin Lang (Couch White) and Mr. Howard Fromer (Bayonne Energy Center) asked whether the NYISO plans to contact all Class Year 2021 projects to inform them of this rule change and the deadline for submitting, if applicable, a self-certification to request qualification as an Excluded Facility. Mr. Shaun Johnson (NYISO) stated that the NYISO has contacted Class Year 2021 projects to inform them on this rule change and the deadline for submitting, if applicable, a self-certification to request qualification as an Excluded Facility.

Mr. Mark Younger (Hudson Energy Economics) asked for information regarding the MW quantity of Special Case Resources (SCRs) and other resources previously subject to an offer floor that will no longer be subjected to an offer floor as a result of FERC accepting the comprehensive mitigation review proposal. Mr. Johnson stated that the total MW quantity of affected SCRs is less than 10 MW and MW quantity of other resources affected by this change is less than 100 MW. Mr. Younger asked whether the NYISO plans to publicly post a list of the resources previously subject to an offer floor that are no longer subject to an offer floor as a result of implementing these rule changes. Mr. Johnson stated that the NYISO does plan to provide a posting that identifies the resources no longer subject to an offer floor as a result of the FERC-accepted tariff changes.

Mr. Scott Leuthauser (HQUS) sought confirmation that Tier 4 eligible projects would be required to file a self-certification to demonstrate qualification as an Excluded Facility. Mr. Johnson stated that there is one Tier 4 project in Class Year 2021 and that this project would be required to submit a self-certification in order to pursue qualification as an Excluded Facility.

Mr. Matt Cinadr (E Cubed Company) asked about timing for the NYISO to provide an update to the MW quantity of incremental duration limited resources participating in the capacity market that is considered in determining the duration adjustment factor values applicable to duration limited resources prior to the implementation of the new capacity accreditation factor methodology. Mr. DeSocio stated that the NYISO currently anticipates that a report with the updated quantity of incremental duration limited resources will be provided in July 2022. Mr. DeSocio further noted that the current duration adjustment factor paradigm applicable to duration limited resources will remain in effect through the 2023/2024 Capability Year before being superseded by the new capacity accreditation factor methodology beginning with the 2024/2025 Capability Year.

Mr. John Cordi (NYPA) asked for further information regarding the assumptions that NYISO plans to utilize as part of the Phase 2 capacity accreditation project efforts in conducting sensitivity analyses to assess the potential impacts of possible future system conditions on capacity accreditation factor values. Mr. Cordi also recommended that the NYISO consider leveraging information from the ongoing 2021-2040 System & Resource Outlook study for developing the assumptions about future system conditions. Mr. DeSocio stated that the NYISO has not finalized any assumptions regarding future system conditions to be used in conducting such sensitivity analyses. Mr. DeSocio noted that this will be further discussed in future ICAPWG meetings as part of the ongoing discussions related to Phase 2 of the improving capacity accreditation initiative.

Ms. Doreen Saia (Greenberg Traurig) supported the recommendation to leverage information being developed as part of the 2021-2040 System & Resource Outlook study for developing assumptions about potential future system conditions to be assessed as part of the Phase 2 efforts for the capacity accreditation project.

Mr. Evans asked whether impacts to resource availability resulting from the implementation of the comprehensive mitigation review proposal have been determined for purposes of consideration in the ongoing project prioritization process for 2023. Mr. DeSocio stated that the NYISO plans to assess potential implications of implementing the comprehensive mitigation review proposal as it relates to internal resource availability to support 2023 project efforts.

5. Ancillary Services Manual Updates for Demand Side Ancillary Services Program

Mr. Mitchell Braun (NYISO) reviewed the presentation included with the meeting material.

Mr. Cinadr asked for information regarding the MW quantity of resources enrolled in the Demand Side Ancillary Services Program (DSASP) using direct communications with the NYISO for each Load Zone. Mr. Braun noted that he did not have ready access to this information and would need to further review whether such granular information could be provided without giving rise to concerns regarding the potential disclosure of confidential information due to the limited number of resources currently participating in the DSASP.

Mr. Fromer asked whether the NYISO contemplates that the applicable Transmission Owners will implement a single, uniform method of communicating with DSASP resources utilizing direct communication with the NYISO during periods of interim control operations. Mr. Braun noted that the development of such alternative communications methods during periods of interim control operations is ongoing by the Transmission Owners and has not been finalized at this time.

Mr. Fromer asked for clarification regarding the time period for which resources will continue to be eligible to enroll in the DSASP. Mr. Braun stated that enrollment of new resources into the DSASP will remain open until the implementation of the distributed energy resource (DER) participation model. Mr. Braun further noted that once the DER participation model is implemented, the NYISO will then begin a process to transition current DSASP resources that desire to continue participating in the wholesale market to the DER participation model.

Mr. Fromer asked for confirmation that the primary driver for this proposal is delays that resources have experienced in establishing communications through the applicable Transmission Owner to facilitate participation in the DSASP without use of direct communications with the NYISO. Mr. Braun stated that resources have indicated to the NYISO that they have experienced delays in being able to establish communications through the Transmission Owners to facilitate participation in the wholesale markets. Mr. Braun further indicated that, to date, all resources enrolled in the DSASP

have opted to establish direct communications with the NYISO. Mr. Braun also noted that the NYISO is engaged in ongoing discussions with the Transmission Owners regarding the process and procedures for establishing communications through the Transmission Owners to facilitate the participation of distributed and demand-side resources in the wholesale markets.

Mr. Peter Dotson-Westphalen (CPower) noted appreciation for the NYISO's effort to develop the proposal to help facilitate continued participation of resources in the DSASP until the transition of resources to the DER participation model becomes available.

Motion #2:

The Business Issues Committee (BIC) hereby approves revisions to the Ancillary Services Manual as described in the presentation made to the BIC during the May 19, 2022, BIC meeting.

Motion passed unanimously.

6. Installed Capacity Manual Updates for DMNC/DMGC Test Data Submittal Deadlines

Mr. Dylan Zhang (NYISO) reviewed the presentation included with the meeting material.

Mr. Cinadr asked for clarification regarding whether the proposal includes any changes to the timelines for reporting SCR performance data. Mr. Zhang stated that the proposal does not include any changes to the deadlines for submitting SCR performance data.

Motion #3:

The Business Issues Committee ("BIC") hereby approves revisions to the Installed Capacity Manual as more fully described in the presentation "DMNC Tests – Submittal Deadline Update" made to the BIC on May 19, 2022.

Motion passed unanimously.

7. 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 met twice since the last BIC meeting. On April 26, 2022, the group met and reviewed: (1) preliminary modeling assumptions and potential scenarios related to the 2022 Reliability Needs Assessment; (2) the results of the short-term assessment of reliability study for Q1 2022; (3) key study assumptions for the short-term assessment of reliability study for Q2 2022; and (4) an update regarding the ongoing 2021-2040 System & Resource Outlook study. The group also met on May 5, 2022 and discussed potential changes to certain assumptions/methodologies utilized in conducting reliability planning analyses.
- **Installed Capacity Working Group:** The group has met jointly with MIWG and PRLWG four times since the last BIC meeting. On April 19, 2022, the group met and discussed: (1) 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;" (2) a proposal to revise the deadlines for submitting Dependable Maximum Net Capability (DMNC) and Dependable Maximum Gross Capability (DMGC) test results; and (3) topics related to Phase 2 of the improving capacity accreditation initiative, including considerations related to resource specific derating factors. The group met on April 28, 2022 and reviewed: (1) topics related to Phase 2 of the improving capacity accreditation initiative, including preliminary identification of capacity accreditation resource classes; (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. On May 3, 2022, the group met and reviewed potential modeling assumptions for conducting the 2022 study to assess certain matters related to the ongoing transition of New

York's electric grid and certain preliminary results from the study. The group also met on May 11, 2022 and reviewed an update regarding the proposal to develop market participation rules for hybrid storage resources.

- Load Forecasting Task Force: The group met on April 21, 2022 and reviewed load forecast uncertainty modeling assumptions to be used for the 2022 Reliability Needs Assessment and the installed reserve margin study for the 2023/2024 Capability Year.
- Market Issues Working Group: The group has met jointly with ICAPWG and PRLWG four times since the last BIC meeting. The group met on April 19, 2022 and reviewed considerations related to energy market participation of internal controllable transmission facilities. On April 28, 2022, the group met and reviewed proposed changes to the current limit on the quantity of resources utilizing direct communications with the NYISO that can be enrolled in the Demand Side Ancillary Services Program (DSASP). The group met on May 3, 2022 and reviewed: (1) potential enhancements to the current transmission constraint pricing logic to address the pricing of multiple transmission constraints on the same transmission facility; (2) survey results related to the upcoming Autumn 2022 Centralized TCC Auction; and (3) potential modeling assumptions for conducting the 2022 study to assess certain matters related to the ongoing transition of New York's electric grid and certain preliminary results from the study. On May 11, 2022, the group met and reviewed: (1) an update regarding the proposal to develop market participation rules for hybrid storage resources; (2) topics related to the implementation of the DER participation model; and (3) an update regarding the Dynamic Reserves project, including considerations for assessing contingencies related to the potential simultaneous loss of weather-dependent, intermittent generation.
- Price Responsive Load Working Group: The group has met jointly with ICAPWG and MIWG four times since the last BIC meeting (i.e., April 19, 2022, April 28, 2022, May 3, 2022 and May 11, 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.

8. New Business

There was no new business.

Meeting adjourned at 11:30 a.m.

Business Issues Committee

May 19, 2022

Final Motions

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Motion to approve the March 16, 2022 and April 11, 2022 Meeting Minutes.

Motion passed unanimously.

Motion #2:

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Motion passed unanimously.

Motion #3:

The Business Issues Committee (“BIC”) hereby approves revisions to the Installed Capacity Manual as more fully described in the presentation “DMNC Tests – Submittal Deadline Update” made to the BIC on May 19, 2022.

Motion passed unanimously.

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Stephentown Spindle, LLC	Other Suppliers	Streeter , Christopher									
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	Gloria , Chris	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							

Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
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	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	Vezenia, 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					
NuEnergien	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					
Wheelaerator Technologies, Inc.	Non Voting	Goldie , Reg	Ginnetti , Jim								
William P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					