
NYISO Business Issues Committee Meeting Minutes
June 22, 2022
10:00 a.m. – 10:55 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 May 19, 2022 Meeting Minutes

There were no questions or comments regarding the draft minutes from the May 19, 2022 BIC meeting included as part of the meeting material.

Motion #1:

Motion to approve the May 19, 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. Transmission Constraint Pricing Enhancements: Multiple Active Transmission Constraint Pricing

Ms. Kanchan Upadhyay (NYISO) reviewed the presentation included with the meeting material.

Mr. Howard Fromer (Bayonne Energy Center) asked what would happen if the proposed transmission constraint pricing enhancements were not prioritized for implementation in 2023. Ms. Upadhyay stated that if the project were not prioritized for implementation in 2023, it would need to be considered in future project prioritization processes to determine a revised implementation timeline.

Motion #2:

The Business Issues Committee ("BIC") hereby recommends that the Management Committee approve changes to Section 17.1.4 of Attachment B to the Market Administration and Control Area Services Tariff, as more fully described in the presentation titled "Constraint Specific Transmission Shortage Pricing: Pricing Proposal for 'Multiple Active Transmission Constraints'" made to the BIC on June 22, 2022.

Motion passed unanimously.

5. Critical Electric System Infrastructure Load

Mr. Francesco Biancardi (NYISO) reviewed the presentation included with the meeting material.

Ms. Julia Popova (NRG) asked whether subsequent manual revisions are anticipated if the proposed tariff revisions are approved by stakeholders. Mr. Biancardi stated that if the proposal is approved by stakeholders, the NYISO does envision that subsequent manual revisions would be developed and discussed with stakeholders.

Mr. Aaron Breidenbaugh (Centrica Business Solutions) asked for clarification regarding the proposed revisions to the definition of "Demand Reduction" to exclude eligibility for Critical Electric System Infrastructure Load and recommended the NYISO further consider the use of the terms "bid" and "purchased" in such definition. Mr. Biancardi stated that the proposed revisions are intended to clarify that load reductions from Critical Electric System Infrastructure Load are not eligible for participation in the NYISO-administered demand response programs. Mr. Greg Campbell (NYISO) clarified that the term "bid" as used within the NYISO tariffs includes offers to sell services and/or products. Mr. Campbell also

stated that the NYISO would further consider the use of the term "purchased" in the definition of "Demand Reduction" and if further revisions to such definition are warranted, any such further revisions would be included as part of the tariff revisions presented for approval at the Management Committee.

Motion #3:

The Business Issues Committee ("BIC") hereby approves the revisions to the Market Services Tariff and Open Access Transmission Tariff regarding Critical Electric System Infrastructure Load ("CESIL") as described in the presentation made to and discussed at the BIC on June 22, 2022.

Motion passed unanimously

6. Methodology for Allocating Bad Debt Losses and Payment Defaults

Mr. Bruce Bleiweis (DC Energy) reviewed the presentation included with the meeting material.

Mr. Fromer asked whether the NYISO supports or has any concerns with DC Energy's proposal. Ms. Sheri Prevratil (NYISO) stated that the NYISO has reviewed DC Energy's proposal and did not identify any specific concerns relating to the proposal or the NYISO's ability to administer the proposed change. Ms. Prevratil further stated that the NYISO staff would defer to the decision of its stakeholders as it relates to whether to adopt DC Energy's proposed change to the current methodology for allocating bad debt losses and payment defaults.

Mr. Fromer asked whether the proposed use of a three-month look back period is appropriate compared to use of a different look back period. Mr. Bleiweis stated that DC Energy would not oppose the use of the longer look back period if preferred by stakeholders but believes that a three-month look back period serves as a reasonable period of time for determining a market participant's average level of market activity.

Mr. Chris Wentlent (MEUA) asked for information regarding the methodologies that are utilized in other ISO/RTO markets for allocating bad debt losses and payment defaults. Mr. Bleiweis stated that PJM currently uses a three-month look back period, and noted that the DC Energy is proposing a similar change in MISO to implement use of a three-month look back period.

Motion #4:

The Business Issues Committee (BIC) hereby recommends that the Management Committee approve revisions to Attachment U of the Open Access Transmission Tariff as described in the presentation entitled "Payment Default and Bad Debt Loss Allocation Methodology" given by DC Energy at the June 22, 2022 BIC meeting.

Motion passed unanimously.

7. Working Group Updates

- **Billing and Accounting and Credit Working Group:** The group met on May 27, 2022 and reviewed: (1) the standard accounting/settlement reports; (2) an update regarding enhancements to meter data reporting procedures currently anticipated to be implemented in Q4 2022; (3) proposed revisions to the current credit requirements for virtual and external transactions; and (4) a presentation by DC Energy regarding its proposal for revising the current methodology for allocating payment defaults and bad debt losses.
- **Electric System Planning Working Group:** The group has met four times since the last BIC meeting. On May 23, 2022, the group met and reviewed: (1) an update regarding the ongoing 2021-2040 System & Resource Outlook study; (2) an overview of proposed updates to system topology assumptions to be included as part of the installed reserve margin study for the 2023/2024 Capability Year; (3) an update regarding key study assumptions for the short-term assessment of reliability study for Q2 2022; (4) modeling assumptions and potential scenarios related to the 2022 Reliability Needs Assessment; (5) proposed enhancements to certain assumptions/methodologies utilized in conducting reliability planning analyses; and (6) proposed revisions to the Reliability Planning Process Manual. The group met on June 2, 2022 and reviewed an update regarding the ongoing 2021-2040 System & Resource Outlook study. On June 8, 2022, the group met and reviewed: (1) the determinations regarding the characterization of facilities as new facilities or upgrades in connection with the

proposals submitted in response to the Public Policy Transmission Need related to facilitating the delivery of power from offshore wind facilities; and (2) an update regarding the ongoing 2021-2040 System & Resource Outlook study. The group also met on June 21, 2022 and reviewed: (1) an overview of the Notice of Proposed Rulemaking issued by FERC on April 21, 2022 addressing certain proposed enhancements to current transmission planning practices; and (2) an initial draft of certain portions of the 2021-2040 System & Resource Outlook study report.

- Installed Capacity Working Group: The group has met jointly with MIWG and PRLWG four times since the last BIC meeting. The group met on May 24, 2022 and reviewed: (1) a presentation by GE Energy Consulting regarding its preliminary results for comparing the use of an effective load carrying capability (ELCC) technique or a marginal reliability improvement (MRI) technique for purposes of determining the marginal reliability value of capacity resources; (2) topics related to Phase 2 of the improving capacity accreditation initiative, including capacity accreditation resource classes, capacity accreditation factors, and resource specific derating factors; (3) an overview of the NYISO's compliance filing in response to FERC's May 10, 2022 order accepting the comprehensive mitigation review proposal; (4) a proposal to address the participation of critical electric system infrastructure load in NYISO-administered demand response programs; and (5) a presentation by the Market Monitoring Unit regarding its 2021 State of the Market report. On May 26, 2022, the group met and reviewed a presentation by the Market Monitoring Unit regarding its 2021 State of the Market report. The group met on June 7, 2022 and reviewed: (1) a presentation by OhmConnect regarding its small customer aggregation proposal for participation in the Special Case Resource program; (2) a proposal to address the participation of critical electric system infrastructure load in NYISO-administered demand response programs; and (3) considerations related to capacity market participation of internal controllable transmission facilities. The group also met on June 16, 2022 and reviewed: (1) topics related to Phase 2 of the improving capacity accreditation initiative, including capacity accreditation factors, resource specific derating factors, and considerations related to sensitivity analysis for future system conditions; (2) proposed changes to the current rules governing the expiration and transfer of Capacity Resource Interconnection Service; (3) a presentation by the Market Monitoring Unit regarding its quarterly market assessment for Q1 2022; and (4) an update regarding the NYISO's ongoing fuel and energy security monitoring efforts.
- Load Forecasting Task Force: The group has met twice since the last BIC meeting. On May 26, 2022, the group met and reviewed: (1) load shape projections for use in developing the long-term energy and peak load forecasts; (2) an update regarding the ongoing study for assessing load forecast uncertainty assumptions to be used in developing energy and peak load forecasts; and (3) an overview of various forecasting tools for use in developing hourly end-use load forecasts. On June 17, 2022, the group held its annual Spring Economic Conference reviewing national and New York economic outlook reports by Moody's Analytics. At the June 17, 2022 meeting, the group also reviewed an overview of various forecasting tools for use in developing hourly end-use load forecasts.
- Market Issues Working Group: The group has met jointly with ICAPWG and PRLWG four times since the last BIC meeting. On May 24, 2022, the group met and reviewed: (1) proposed enhancements to the current transmission constraint pricing logic to address the pricing of redundant constraints on in-series and parallel line segments, as well as multiple constraints on the same facility; (2) a proposal to address the participation of critical electric system infrastructure load in NYISO-administered demand response programs; and (3) a presentation by the Market Monitoring Unit regarding its 2021 State of the Market report. The group met on May 26, 2022 and reviewed a presentation by the Market Monitoring Unit regarding its 2021 State of the Market report. On June 7, 2022, the group met and reviewed: (1) topics related to the implementation of the distributed energy resource (DER) participation model, including the provision of Ancillary Services by DER aggregations; (2) a proposal to address the participation of critical electric system infrastructure load in NYISO-administered demand response programs; and (3) considerations related to energy market participation of internal controllable transmission facilities. The group also met on June 16, 2022 and reviewed: (1) an overview of the NYISO's compliance plan in response to FERC Order No. 881 relating to the use of ambient-adjusted ratings for transmission facilities; (2) a presentation by the Market Monitoring Unit regarding its quarterly market assessment for Q1 2022; (3) an update regarding the Dynamic Reserves project, including potential enhancements to the posting of reserve requirements and reserve clearing prices, considerations related to the modeling of the Long Island reserve region, and the modeling of dynamic reserves during real-time

thunderstorm alert events; and (4) an update regarding the NYISO's ongoing fuel and energy security monitoring efforts.

- Price Responsive Load Working Group: The group has met jointly with ICAPWG and MIWG four times since the last BIC meeting (i.e., May 24, 2022, May 26, 2022, June 7, 2022 and June 16, 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 10:55 a.m.

Business Issues Committee
June 22, 2022
Final Motions

Motion #1:

Motion to approve the May 19, 2022 BIC meeting minutes.

Motion passed unanimously.

Motion #2:

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Organization	Sector	Representative	Alternate1	Alternate2	Alternate3	Alternate4	Alternate5	Alternate6	Alternate7	Proxy	Guest
Shell Energy North America, LLC	Other Suppliers	Picardi, Matt	Dannels , Jeff								
Stephentown Spindle, LLC	Other Suppliers	Streeter , Christopher									
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							
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	Foglietta , Eileen	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							
Natural Resources Defense Council	Environmental	Casey , Christopher	Howe , Cullen	Murray , Frank	Murphy , Erin						
New York City Environmental Justice Alliance	Environmental	Garcia , Carlos	Bautista , Eddie		Walsh , Christy						
PACE Energy & Climate Center	Environmental	Hart , Craig	Valova , Radina	Howe , Cullen							
Riverkeeper	Environmental	Webster , Richard	Morris, Jackson								
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	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							
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						

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								
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	Pieniasek, 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					
Wheelaerator Technologies, Inc.	Non Voting	Goldie , Reg	Ginnetti , Jim								
William P. Short	Non Voting	Short, William	Schaefer, Marc		Savage, Paul	Verna, Jim					