NYISO Business Issues Committee Meeting Minutes March 18, 2020 10:00 a.m. – 10:45 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 guorum was determined.

2. February 12, 2020 BIC Meeting Minutes

There were no questions or comments regarding the draft minutes from the February 12, 2020 BIC meeting that were included as part of the meeting material.

Motion#1:

Motion to approve the February 12, 2020 BIC meeting minutes.

Motion passed unanimously with an abstention.

3. Market Operations Report and Broader Regional Markets Report

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

4. Tariff Modifications Required for the ESR Participation Model

Mr. Zachary Stines (NYISO) reviewed the presentation included with the meeting material.

Ms. Doreen Saia (Greenberg Traurig) asked for clarification regarding the expected timeframe for implementing the proposed revisions if approved by stakeholders, the Board of Directors, and FERC. Mr. Greg Campbell (NYISO) stated that the intent is to pursue an approval process schedule that would facilitate implementing the proposed tariff revisions coincident with the other energy storage resource participation model rules being implemented in response to FERC Order No. 841.

Motion #2:

The Business Issues Committee ("BIC") hereby recommends that the Management Committee ("MC") approve changes to Sections 4.4, 5.12, 23, and 25 of the NYISO's Market Administration and Control Area Services Tariff as more fully described in the presentation "Tariff Modifications Required for the ESR Participation Model" made to the BIC on March 18, 2020.

Motion passed unanimously.

5. 2020 Update of Load Forecasting Manual

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

Motion #3:

The Business Issues Committee (BIC) hereby approves the revisions to the Load Forecasting Manual, as more fully described in the presentation entitled "2020 Update of Load Forecasting Manual" made to the BIC on March 18, 2020.

Motion passed unanimously with an abstention.

6. Working Group Updates

- <u>Billing and Accounting and Credit Working Group</u>: The group met on February 20, 2020 and reviewed the standard accounting/settlement reports, a proposal related to providing unsecured credit to governmental entities, the requirements for reporting of metering data for energy storage resources participating in the wholesale markets including data related to Station Power, an overview of the schedule and documentation for entities registering to serve as Meter Services Entities under the new meter data services construct for distributed energy resources (DER) and demand response participating in the wholesale markets, and a presentation by the Advanced Energy Management Alliance regarding the registration process and requirements for Meter Services Entities.
- Electric System Planning Working Group: The group has met three times since the last BIC meeting, including joint meetings with LFTF. On February 27, 2020, the group met and reviewed an overview of the planning studies for 2020, an overview of the anticipated scope and schedule for phases 2 and 3 of the ongoing climate change impact and resilience study project, a presentation by Analysis Group regarding the proposed scope and methodology for the phase 2 analysis being conducted as part of the ongoing climate change impact and resilience study project, a review of the study assumptions for the 70x30 scenario being conducted as part of the 2019 Congestion Assessment and Resource Integration Study (CARIS) Phase 1 analysis, an update regarding the anticipated schedule and scenarios to be considered for the 2020 Reliability Needs Assessment (RNA), and an overview of base case modeling assumptions for the 2020 RNA. The group met on March 5, 2020 and reviewed presentations by LIPA, NYSEG, and RG&E regarding updates to their respective local transmission plans. The group also met on March 16, 2020 and reviewed presentations by Con Edison and NYPA regarding updates to their respective local transmission plans, key study assumptions for the Generator Deactivation Assessment for the Cayuga 1 and 2 units, a review of the study assumptions for the 70x30 scenario being conducted as part of the 2019 CARIS Phase 1 analysis, the preliminary topology assumptions for the 2020 RNA, and the modeling assumptions for external areas for the 2020 RNA.
- Installed Capacity Working Group: The group has met five times since the last BIC meeting, including joint meetings with MIWG and/or PRLWG. The group met on February 19, 2020 and reviewed potential enhancements to the Part A exemption test of the buyer-side mitigation rules, and a presentation by the Market Monitoring Unit regarding the ongoing evaluation of a locational marginal pricing of capacity concept. On February 25, 2020, the group met and reviewed a presentation by Analysis Group regarding assumptions related to financial parameters, estimating net energy and ancillary services revenues and the shape and slope of the ICAP Demand Curves in connection with the ongoing 2019-2020 ICAP Demand Curve reset process, and a presentation by Burns & McDonnell regarding preliminary capital cost estimates to construct various peaking plant technology options as part of the ongoing 2019-2020 ICAP Demand Curve reset process. The group met on February 26, 2020 and reviewed an overview of the schedule for certain key aspects of implementing the rules related to the participation of DER in the wholesale markets, potential revisions to the availability calculation methodologies for capacity supply resources, and potential enhancements to the Part A exemption test of the buyer-side mitigation rules. The group met on March 6, 2020 and reviewed potential capacity market enhancements being considered in response to the ongoing transformation of the electric system, a presentation by The Brattle Group regarding an overview of the scope and methodology of an analysis to assist in determining potential wholesale market impacts of anticipated changes to the electric system through 2040 in response to the requirements of the Climate Leadership and Community Protection Act (CLCPA), proposed Day-Ahead Market bidding requirements for energy storage resources that participate in the capacity market, an overview of the recent orders issued by FERC regarding aspects of the capacity market buyer-side mitigation rules, and an overview of the proposed compliance plan in response to FERC's directives related to the application of buyer-side mitigation rules to new Special Case Resources. The group also met on March 10, 2020 and reviewed the proposed methodology for determining level of excess adjustment factors as part of the ongoing 2019-2020 ICAP Demand Curve reset process, a presentation by the Market Monitoring Unit regarding the ongoing evaluation of a locational marginal pricing of capacity concept, and an initial draft proposal to comply with FERC's directives to revise the MW cap applicable to the renewable energy resource exemption of the buyer-side mitigation rules.
- Load Forecasting Task Force: The group has met three times since the last BIC meeting, including joint meetings with ESPWG. The group met on February 27, 2020 and reviewed assumptions for developing the 2020 long-term energy and peak load forecasts. On March 11, 2020, the group met and reviewed a schedule of topics and discussions for 2020, and the results of phase 1 of the climate change impact and resilience study project. The group also met on March 16, 2020 and reviewed the preliminary 2020 long-term energy and peak load forecasts.

- Market Issues Working Group: The group has met jointly with ICAPWG and PRLWG three times since the last BIC meeting. On February 26, 2020, the group met and reviewed the schedule for certain key aspects of implementing the rules related to the participation of DER in the wholesale markets, and an overview of the application of energy market mitigation measures to energy storage resources. The group met on March 6, 2020 and reviewed a presentation by The Brattle Group regarding an overview of the scope and methodology of an analysis to assist in determining potential wholesale market impacts of anticipated changes to the electric system through 2040 in response to the requirements of the CLCPA, and proposed rules related to the participation of energy storage resources in the wholesale energy and ancillary services markets. The group also met on March 10, 2020 and reviewed proposed energy market mitigation measures applicable to energy storage resources.
- <u>Price Responsive Load Working Group</u>: The group met jointly with ICAPWG and/or MIWG on February 19, 2020, February 25, 2020, February 26, 2020, March 6, 2020, and March 10, 2020. At each meeting, the group reviewed the agenda topics related to DER, energy storage resources and/or the NYISO-administered demand response programs.

7. New Business

There was no new business.

Meeting adjourned at 10:45 a.m.