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**NYISO Business Issues Committee Meeting Minutes**  
**May 20, 2020**  
**10:00 a.m. – 11:30 a.m.**

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**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. April 8, 2020 BIC Meeting Minutes**

There were no questions or comments regarding the draft minutes from the April 8, 2020 BIC meeting that were included as part of the meeting material.

Motion#1:

Motion to approve the April 8, 2020 BIC meeting minutes.

*Motion passed unanimously.*

**3. Market Operations Report and Broader Regional Markets Report**

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

Mr. Mukerji reviewed the broader regional markets report included with the meeting material. There were no questions or comments.

**4. Accounting and Billing Manual Revisions**

Mr. Mark Buffaline (NYISO) review 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 May 20, 2020.

*Motion passed unanimously with abstentions.*

**5. Revenue Metering Requirements Manual Revisions**

Ms. Michelle McLaughlin (NYISO) reviewed the presentation included with the meeting material.

Mr. Peter Dotson-Westphalen (CPower) requested an update on the NYISO's review of whether the obligations specified for reporting meter inventory information should be expanded to include municipal electric utilities. Ms. McLaughlin noted that the NYISO is continuing to review whether expansion of the requirements for providing meter inventory information to municipal electric utilities is warranted. Ms. McLaughlin stated that if further revisions are deemed warranted, any such further revisions would be developed separately as part of a subsequent update to the manual.

Motion #3:

The Business Issues Committee ("BIC") hereby approves the revisions to the Revenue Metering Requirements Manual as described in the presentation to the BIC on May 20, 2020.

*Motion passed unanimously with abstentions.*

## **6. Public Policy Transmission Planning Process Manual Revisions**

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

### Motion #4:

The Business Issues Committee (“BIC”) hereby approves the revisions to the Public Policy Transmission Planning Process Manual, NYISO Manual No. 36, as presented and discussed at the BIC meeting held on May 20, 2020.

*Motion passed unanimously with abstentions.*

## **7. Proposed BIC By-Laws Revisions**

Mr. Kevin Lanahan (NYISO) reviewed the presentation included with the meeting material.

Mr. Kevin Lang (Couch White) requested confirmation that the proposed changes to the BIC By-Laws are consistent with the changes previously approved to the Management Committee (MC) By-Laws. Mr. Lanahan confirmed that the proposed changes to the BIC By-Laws are consistent with the by-law changes previously approved by the MC.

### Motion #5:

The Business Issues Committee (“BIC”) hereby approves revisions to the BIC By-Laws as presented and discussed at the May 20, 2020 BIC meeting.

*Motion passed unanimously with abstentions.*

## **8. ICAP Manual Revisions for Energy Storage Resources**

Ms. Sarah Carkner reviewed the presentation included with the meeting material. There were no questions or comments.

### Motion #6:

The Business Issues Committee (“BIC”) hereby approves revisions to the Installed Capacity Manual regarding Energy Storage Resources as described in the presentation made to the BIC on May 20, 2020. The revisions will become effective on the effective date of the tariff revisions accepted by the Federal Energy Regulatory Commission in Docket No. ER19-467-000, et al.

*Motion passed unanimously with abstentions.*

## **9. Reserve Pickup Event Scheduling for Energy Storage Resources**

Mr. Aaron Markham (NYISO) reviewed the presentation included with the meeting material.

Mr. Lang asked whether the 60 minute sustainability requirement for reserves is unique requirement imposed by Northeast Power Coordinating Council (NPCC) or if a similar sustainability requirement is imposed by other regional electric reliability councils. Mr. Markham stated that the 60 minute sustainability requirement is a unique requirement established by NPCC.

Mr. Lang asked whether the NYISO has considered further discussions with NPCC regarding continued applicability of the 60 minute sustainability requirement in light of the ongoing transition of the resource fleet in New York. Mr. Markham noted that many areas within the NPCC region are experiencing resource fleet transitions similar to New York. Mr. Markham stated that the NPCC has begun a process of further evaluating the 60 minute sustainability requirement in light of the resource fleet changes occurring within the NPCC region.

### Motion # 7:

The Business Issues Committee (“BIC”) hereby recommends that the Management Committee approve changes to Section 4.4.3.1.1 of the Services Tariff, as presented and discussed at the May 20, 2020 BIC meeting.

*Motion passed unanimously.*

## **10. Proposed Enhancements to the NYISO Peak Load Forecast and LSE Minimum Capacity Requirement Methodology**

Ms. Ying Guo (NYISO) reviewed the presentation included with the meeting material.

Mr. Aaron Breidenbaugh (Consumer Power Advocates) asked what impact the proposed revisions have with respect to the allocation of capacity requirements among Load Serving Entities (LSEs). Mr. Nate Gilbraith (NYISO) stated that the proposal is intended to provide for greater alignment of capacity requirement allocations among LSEs to periods reflective of when the NYISO anticipates peak load conditions to typically occur (i.e., peak load hour occurring on a non-weekend, non-holiday hour).

Mr. David Ahrens (Energy Spectrum) asked whether the NYISO's allocation of capacity requirements to LSEs is consistent with the methodology used by utilities for allocating capacity requirements to retail electric customers. Mr. Gilbraith stated that the NYISO's current understanding is that utilities utilize the peak load hour determined by the NYISO for purposes of allocating capacity requirements to retail electricity customers.

### Motion #8:

The Business Issues Committee ("BIC") hereby recommends that the Management Committee approves revisions to the NYISO Market Administration and Control Area Services Tariff ("MST") sections 2, 5.10, and 5.11, as presented at the May 20, 2020 BIC.

*Motion passed unanimously with abstentions.*

## **11. Working Group Updates**

- Billing and Accounting and Credit Working Group: The group has met twice since the last BIC meeting. On April 24, 2020, the group met and reviewed the standard accounting/settlement reports, updates to the Decision Support System (DSS) related to settlements for energy storage resources, updates to the DSS related to Highway Facility Charge settlements under Rate Schedule 12 of the NYISO OATT, proposed revisions to the Accounting and Billing Manual related to settlements for energy storage resources, and proposed revisions to the Revenue Metering Requirements Manual. The group also met on May 8, 2020 and reviewed proposed enhancement to the credit security requirements for the Transmission Congestion Contracts (TCC) market.
- Electric System Planning Working Group: The group has met twice since the last BIC meeting. On April 23, 2020 the group met and reviewed proposed revisions to the Public Policy Transmission Planning Process Manual, the draft study report for the 2019 Congestion Assessment and Resource Integration Study (CARIS) Phase 1 analysis, results for the 70x30 scenario being conducted as part of the 2019 CARIS Phase 1 analysis, and a presentation by Analysis Group regarding the methodology and assumptions for the Phase II analysis being conducted as part of the ongoing climate change impact and resilience study project. The group also met on May 4, 2020 and reviewed the key study assumptions for the Generator Deactivation Assessment for the West Babylon 4 generation facility, and the draft study report for the 2019 CARIS Phase 1 analysis.
- Installed Capacity Working Group: The group has met jointly with MIWG and/or PRLWG seven times since the last BIC meeting. The group met on April 10, 2020 and reviewed proposed enhancements to the Part A exemption test of the buyer-side mitigation rules. On April 14, 2020, the group met and reviewed proposed enhancements related to ongoing monitoring and reporting of fuel security-related matters, an overview of potential options for developing a hybrid storage resource model, an overview of reliability considerations and potential enhancements in response to the ongoing transformation of the electric system, and proposed enhancements to the Part A exemption test of the buyer-side mitigation rules. The group met on April 22, 2020 and reviewed a presentation by Analysis Group regarding assumptions related to financial parameters, dual fuel capability and emissions controls for peaking plant technology options and estimating net energy and ancillary services revenues for various peaking plant technology options in connection with the ongoing 2019-2020 ICAP Demand Curve reset process, a presentation by Burns & McDonnell regarding capital cost estimates for various peaking plant technology options as part of the ongoing 2019-2020 ICAP Demand Curve reset process, a presentation by Cricket Valley Energy Center regarding Analysis Group's assumptions for financial parameters in connection with the

- ongoing 2019-2020 ICAP Demand Curve reset process, and an initial draft of the 2020 Master Plan outlining a strategic vision for market design initiatives over the next five years. The group met on April 27, 2020 and reviewed proposed enhancements to the methodology for determining the statewide peak load hour and the allocation of capacity requirements to Load Serving Entities. On May 11, 2020, the group met and reviewed an update regarding the of the comprehensive mitigation review initiative for the capacity market, and potential options and interconnection considerations for developing a hybrid storage resource model. The group met on May 18, 2020 and reviewed a presentation by The Brattle Group regarding initial results of its 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). The group also met on May 19, 2020 and reviewed the draft 2020 Master Plan outlining a strategic vision for market design initiatives over the next five years, a presentation by Analysis Group regarding updated assumptions and preliminary results for the ongoing 2019-2020 ICAP Demand Curve reset process, a presentation by Burns & McDonnell regarding capital cost estimates to construct various peaking plant technology options as part of the ongoing 2019-2020 ICAP Demand Curve reset process, and a presentation by CPV regarding considerations for gas pricing assumptions for Load Zone G used in estimating net energy and ancillary services revenues for various peaking plant technology options in connection with the ongoing 2019-2020 ICAP Demand Curve reset process.
- Load Forecasting Task Force: The group met on April 13, 2020 and reviewed impacts on load patterns and energy consumption related to the ongoing COVID-19 pandemic, and the load forecast uncertainty models for the 2021-2022 Capability Year installed reserve margin analysis.
  - Market Issues Working Group: The group has met jointly with ICAPWG and PRLWG six times since the last BIC meeting. The group met on April 14, 2020 and reviewed proposed enhancements related to ongoing monitoring and reporting of fuel security-related matters, updates to the comprehensive bid management system related to the bidding requirements for energy storage resources participating in the wholesale energy and ancillary services markets, an overview of potential options for developing a hybrid storage resource model, and an overview of reliability considerations and potential enhancements in response to the ongoing transformation of the electric system. On April 22, 2020, the group met and reviewed a presentation by Calpine regarding a proposal to develop on-peak and off-peak TCC products, and an initial draft of the 2020 Master Plan outlining a strategic vision for market design initiatives over the next five years. The group met on April 27, 2020 and reviewed a proposal to increase the current 30-minute reserve requirement for the Southeastern New York (SENY) reserve region, the proposed methodology for conducting the Consumer Impact Analysis related to the proposal to increase the current 30-minute reserve requirement for the SENY reserve region, proposed enhancements to the current reserve shortage pricing values and reserve demand curves, and proposed revisions to the scheduling of energy storage resources during reserve pickup events. On May 11, 2020, the group met and reviewed potential options and interconnection considerations for developing a hybrid storage resource model, and a presentation by Vitol regarding a proposal to develop more granular, time-differentiated TCC products. The group met on May 18, 2020 and reviewed a presentation by The Brattle Group regarding initial results of its 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. On May 19, 2020, the group met and reviewed the draft 2020 Master Plan outlining a strategic vision for market design initiatives over the next five years.
  - Price Responsive Load Working Group: The group met jointly with ICAPWG and/or MIWG seven times since the last BIC meeting (i.e., April 10, 2020, April 14, 2020, April 22, 2020, April 27, 2020, May 11, 2020, May 18, 2020, and May 19, 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.

## 12. New Business

There was no new business.

Meeting adjourned at 11:30 a.m.