Load Forecasting Manual Update

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Background

- In 2016, NYISO filed and FERC accepted tariff changes that allow Behind-the-Meter Net Generation Resources to participate in NYISO wholesale market.
- NYISO staff has updated ICAP Manual consistent with the BTM:NG Resource Participation Model
- The Load Forecasting Manual is now being updated to be consistent with the BTM:NG Resource Participation Model

Overview of Changes to Existing Sections

- Section 2.1 – Clarifies distribution of the Schedule
- Section 2.2 – Adds text on BTM:NG Resource eligibility and data availability
- Section 2.2.3 – Adds clarifying text on design weather conditions
- Section 2.2.6 – A new section describing the data BTM:NG Resources will be required to provide
- Section 2.2.8 – Introduces the Weather Normalization Factor
- Section 2.2.9 – Modifies the definition of the Regional Load Growth Factor
- Section 2.3.1 – Adds a deduction from actual TD loads for any load of an existing BTM:NG Resource at time of NYCA peak

Overview of Changes to Existing Sections

- Section 2.3.3 – Discusses the accounting of BTM:NG Resource Load served by an LSE or TO during the NYCA peak, and the date by which a BTM:NG Resource must notify the NYISO whether they will participate in the following Capability year
- Section 2.3.7 – Clarifies the consistency of Criteria 1 and 2 for evaluation of Regional Load Growth Factors
- Section 2.3.8 – Discusses the exclusion of BTM:NG Resources from the ICAP Market Forecast
- Section 2.3.9 – Modifies determination of actual and forecast Locality peaks to account for BTM:NG Resources and Demand Side Resources
- Section 2.4 – A new subsection to specify how BTM:NG Resources are treated in the Installed Reserve Margin Study and the Locational Capacity Requirements Study

Summary of Discussion at LFTF

- **The LFTF performed a page-turner of the manual on May 8th and again on June 7th**
- **Discussed how BTM:NG Resource loads are adjusted for weather, and whether refinements should be made moving forward.**
  - The current method applies the percentage change of load due to weather in a Transmission District to the Peak Proxy Load Value (PPLV) of each BTM:NG Resource in the TD
  - The LFTF discussed whether a more appropriate method should be developed for BTM:NG Resources because the PPLV is a calculated value using multiple hours, instead of the single peak load hour for the year. The NYISO agreed to take this issue back and discuss later this year with the LFTF.
- **LFTF participants authorized the NYISO to proceed with presenting this draft Load Forecasting manual to the ICAP Working Group**

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Next Steps

- LF Manual to be presented to the BIC at its August meeting
- The NYISO will work with the LFTF to develop an alternative method for determining the weather adjustment appropriate to BTM:NG Resources

Questions?

We are here to help. Let us know if we can add anything.

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