

Critical Electric System Infrastructure Load

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Purpose

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- **Discuss Services Tariff modifications to support Critical Electric System Infrastructure Load (CESIL)**

Background

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- On October 6, 2021, NERC submitted a Standard Authorization Request to address Extreme Cold Weather Grid Operations, Preparedness, and Coordination.¹
- The NYISO is evaluating the recommended Standards, and specifically how they relate to the NYISO's role as a Balancing Authority and Transmission Operator.

¹Link to NERC SAR: https://www.nerc.com/pa/Stand/Project202107ExtremeColdWeatherDL/2021-07%20Extreme%20Cold%20Weather%20Grid%20Operations%2c%20Preparedness%2c%20and%20Coordination%20Cold%20Weather%20SAR_112221.pdf

Background (cont'd)

- **Standard Recommendation No. 8: “Balancing Authorities’ operating plans (for contingency reserves and to mitigate capacity and energy emergencies) are to prohibit use of critical natural gas infrastructure loads for demand response.”**
- **This presentation proposes a tariff modification to address Standard Recommendation No. 8 as it relates to the NYISO demand response programs.**

Proposed Tariff Modifications

Definition of CESIL

- **MST Section 2.3:**

Critical Electric System Infrastructure Load: Load that is critical to maintaining the reliable operation of electric system infrastructure, including, without limitation, Load that is (i) necessary to maintain the delivery of natural gas, fuel oil, and other fuels used by Generators (including Local Generators) to generate electricity, (ii) likely to impact the supply of natural gas, fuel oil, and other fuel to Generators, or (iii) otherwise likely to impact Generator operation. Critical Electric System Infrastructure Load does not include on-site Load that is consumed for ancillary purposes unless such Load is necessary for compliance with parts (i) – (iii) of this definition.

Updated Definition of Demand Reduction

- **MST Section 2.4**

Demand Reduction: A quantity of reduced electricity demand from a Demand Side Resource that is bid, produced, purchased or sold over a period of time and measured or calculated in Megawatt hours. Demand Reductions of Critical Electric System Infrastructure Load shall not be bid, produced, purchased, or sold, unless such Demand Reductions are facilitated by use of a Local Generator. Demand Reductions offered by a Demand Side Resource as Energy in the LBMP Markets may only be offered in the Day-Ahead Market, and shall be offered only by a Demand Reduction Provider. The same Demand Reduction may not be offered by a Demand Reduction Provider and by a customer as Operating Reserves or Regulation Service.

Ministerial Revision to OATT Sec. 1.4

Updated Definition of Day-Ahead Reliability Unit

- NYISO identified textual inconsistency in definition of “Day-Ahead Reliability Unit” in the OATT and Services Tariff
- NYISO will modify the definition in OATT Sec. 1.4 to be consistent with the Services Tariff definition

Implementation Schedule

Next Steps

- Targeting July 2022 to file the applicable Tariff language with FERC.
- NYISO implementation on November 1, 2022; first day of 2022-2023 Winter Capability Period

Our Mission & Vision



Mission

Ensure power system reliability and competitive markets for New York in a clean energy future



Vision

Working together with stakeholders to build the cleanest, most reliable electric system in the nation