

NYISO document revisions needed to share GFER survey results

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BIC meeting

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- NERC Project 2019-06 Cold Weather was completed and approved

- Changes to the EOP-011, IRO-010, and TOP-003 Standards will be effective April 1, 2023

- These changes will require all TOPs (NYISO and IOUs) to have access to the GFER survey results in order to adequately evaluate energy constraints and develop seasonal operating plans.
- NYISO proposes sharing these results by setting up TOP representatives with GFER observer accounts.

B. Requirements and Measures

R1. Each Transmission Operator shall maintain a documented specification for the data necessary for it to perform its Operational Planning Analyses, Real-time monitoring, and Real-time Assessments. The data specification shall include, but not be limited to: [Violation Risk Factor: ~~Low~~Lower] [Time Horizon: Operations Planning]

1.1. A list of data and information needed by the Transmission Operator to support its Operational Planning Analyses, Real-time monitoring, and Real-time Assessments including non-BES data and external network data as deemed necessary by the Transmission Operator.

1.2. Provisions for notification of current Protection System and ~~Special Protection System~~ Remedial Action Scheme (RAS) status or degradation that impacts System reliability.

1.3. Provisions for notification of BES generating unit(s) during local forecasted cold weather to include:

1.3.1. Operating limitations based on:

1.3.1.1. capability and availability;

1.3.1.2. fuel supply and inventory concerns;

1.3.1.3. fuel switching capabilities; and

1.3.1.4. environmental constraints

1.3.2. Generating unit(s) minimum:

1.3.2.1 design temperature; or

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1.3.2.2. historical operating temperature; or

1.3.2.3 current cold weather performance temperature determined by an engineering analysis.

Potential NYISO Documents to revise

■ Manuals

- Transmission and Dispatch Operations (T&D) Manual - Section 3.3 Periodic Monitoring of Fuel and Resource Availability

■ User's Guides

- Generator Fuel and Emissions Reporting (GFER) User's Guide – Section 1.1 What is the Generator Fuel and Emissions Reporting

■ Tech Bulletins

- N/A

T&D Manual Changes

- **3.3. Periodic Monitoring of Fuel and Resource Availability**

- “Installed Capacity (ICAP) Suppliers shall submit Fuel and Environmental Restriction Data to the NYISO on weekly and yearly intervals and as requested by the NYISO. *This data will be shared with the Transmission Operators (TOPs) to ensure all operating limitations are incorporated to perform Operational Planning Analyses, Real-time monitoring, and Real-time Assessments.* For weekly and other as-needed surveys, the NYISO may only solicit responses from generators that use fossil fuels to produce electricity. All ICAP Suppliers shall complete the Fuel Availability Self Reporting Surveys as follows:
 1. Yearly Fuel Surveys must be completed within 30 days of NYISO notification of its availability.
 2. Weekly Surveys must be completed by 1:00 p.m. of the first business day of each week.
 3. As Requested Surveys must be completed by 1:00 p.m. of the day prior to the operating day the survey is requested for.”

GFER User's Guide Changes

- **Section 1.1 What is the Generator Fuel and Emissions Reporting**

- “The Generator Fuel and Emissions Reporting (GFER) is the platform used by Market Participants to submit fuel and emissions information. This exchange of information gives the NYISO *and the Transmission Operators (TOPs)* more visibility into the fuel and emissions availability and limitations of the NY generation fleet.
 1. Through a web ~~browser based user~~ interface that allows the user to enter information and submit the information to the NYISO *and the TOPs using the web browser.*

- **Section 2.2 Submitting the Annual Survey**

- “Once your data entry has been completed, select the “Save and Submit” button, which will transmit the survey to the NYISO *and the TOPs. Please note the following:*”

- **Section 2.4 Submitting the Weekly Survey**

- “Once your data entry has been completed, select the “Save and Submit” button, which will transmit the survey to the NYISO *and the TOPs. Please note the following:*”

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