

Generator Fuel and Emissions Reporting (GFER) CRF

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Agenda

■ Annual Survey Question Update

- New Questions
 - Fuel Delivery Capacity
 - Max Deliveries per day
 - Delivery lead time
- Clarification and Clerical Modifications
 - Gas Fuel Information section
 - Heat Rate in mmBtu/MWh
 - Dekatherms per unit
 - MWh Equivalent

■ Weekly Survey Question Update

- New Questions
 - How much inventory was received since your last fuel survey (in MWh)?

Annual Survey

Question Update

Annual Survey Question Update

- **New Questions – Primary and Secondary Non-Gas Fuel Information**
 - Fuel Delivery Capacity (Gallons, Tons, etc.)
 - The intent of this question is to define the amount of fuel included in 1 standard delivery
 - Max Deliveries per day (x / day)
 - Based on the physical and/or logistical constraints of how many deliveries can be accepted
 - Delivery lead time (Hours)
 - The average amount of time between ordering fuel and when it is stored onsite
 - It is understood there are many different factors that can impact this metric. Please feel free to elaborate and provide as much detail as necessary in the “Explain” field of the survey

Fuel Delivery Capacity - Primary Non-Gas Fuel (Gallons/Tons)

Max Deliveries per Day - Primary Non-Gas Fuel

Delivery Lead Time - Primary Non-Gas Fuel (Hours)

Annual Survey Question Update

■ Clarification and Clerical Modifications

- Gas Fuel Information section
 - Heat Rate in mmBtu/MWh
 - Data should be entered in mmBtu/MWh units
 - Dekatherms per unit
 - Gas nomination in Dekatherms for generator or fuel group being surveyed (not total transport for the facility, group of units, etc.)
 - MWh Equivalent
 - MWh Equivalent should be expressed in MWs per hour based on using 1/24 equal burn rate of daily transport

Gas Fuel Information							
Pipeline Contract Information							
Pipeline	Contract Type	Receipt Point	Delivery Point	Contract Begin Date	Contract End Date	Dekatherms per unit	MWh Equivalent
Algonquin	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	123	456

Weekly Survey

Question Update

Weekly Survey Question Update

- **New Question**

- How much inventory was received since your last fuel survey (in MWh)?
 - This informs the NYISO of the total amount of fuel used since the last survey.

How much inventory was received since your last fuel survey (in MWh)?

Additional Industry Information

- **FERC/NERC South Central Cold Weather Event**

- Most recent NERC report focused on Winter Preparation/Cold Weather Readiness
 - https://www.nerc.com/pa/rrm/ea/Documents/South_Central_Cold_Weather_Event_FERC-NERC-Report_20190718.pdf

- **NERC winterization checklist/guideline**

- NERC Reliability Guideline incorporating industry best practices on generating unit Winter Weather readiness (referenced in the report above). This guideline will be sent out with the annual survey to all generator owners for reference.
 - https://www.nerc.com/comm/OC/Reliability%20Guideline%20DL/Generating_Unit_Winter_Weather_Readiness_final.pdf

Questions?

The Mission of the New York Independent System Operator, in collaboration with its stakeholders, is to serve the public interest and provide benefits to consumers by:

- Maintaining and enhancing regional reliability
- Operating open, fair and competitive wholesale electricity markets
- Planning the power system for the future
- Providing factual information to policy makers, stakeholders and investors in the power system



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