

Suppliers of Natural Gas

Subpart NN, Greenhouse Gas Reporting Program

Measure these parameters for each supplier of natural gas and natural gas liquids (NGLs):



What Must Be Monitored?

For local distribution companies (LDCs):

- ☐ Annual volume of natural gas received at the city gate stations for redelivery on the LDC's distribution system (thousand standard cubic feet (Mscf)).
- ☐ Annual volume of natural gas received that bypassed the city gate (Mscf).
- ☐ Annual volume of natural gas received that is stored on-system or liquefied and stored (Mscf).
- ☐ Annual volume of natural gas withdrawn from on-system storage for delivery on the LDC's distribution system (Mscf).
- ☐ Annual volume of vaporized liquefied natural gas (LNG) produced at on-system vaporization facilities for delivery on the LDC's distribution system (not included above in the annual volume of natural gas received at its city gate for redelivery) (Mscf).
- ☐ Annual volume of natural gas delivered to downstream gas transmission pipelines and other LDCs (Mscf).
- ☐ Annual volume of natural gas delivered to each facility receiving greater than or equal to 460,000 Mscf of natural gas/year or each meter to which the LDC delivers equal to or greater than 460,000 Mscf/year.
- ☐ Annual volume of natural gas delivered to each of the following types of customers: residential, commercial, industrial, and electricity generating facilities (Mscf).
- ☐ Carbon dioxide (CO₂) emission factor (EF) and/or higher heating value (HHV) of natural gas supplied, if developing a site-specific HHV and/or EF for Calculation Methodology 1.
- ☐ CO₂ EF of natural gas supplied, if developing a site-specific EF for Calculation Methodology 2.

For NGL fractionators:

- ☐ Annual volume of each NGL product (ethane, propane, normal butane, isobutane, and pentanes plus) supplied (barrels (bbl)).
- ☐ Annual volume of each NGL product (ethane, propane, normal butane, isobutane, and pentanes plus) received from other NGL fractionators (bbl).
- ☐ Annual quantities of y-grade, o-grade, and other bulk NGLs received from others for fractionation (bbl).
- ☐ Annual quantity of y-grade, o-grade and other bulk NGLs supplied to downstream users that is not fractionated by the reporter (bbl).
- ☐ Annual volume of natural gas received for processing (Mscf).
- ☐ CO₂ EF and/or HHV for each NGL product supplied (ethane, propane, normal butane, isobutane, and pentanes plus), if developing site-specific HHVs and/or EFs for use in Equation NN-1.
- ☐ CO₂ EF for each NGL product supplied and received (ethane, propane, normal butane, isobutane, and pentanes plus), if developing site-specific EFs for use in Equations NN-2 and NN-7.

- ☐ Annual quantity of propane odorized at the facility and delivered to others (bbl).



For More Information

For additional information and resources on Subpart NN, please visit the [Subpart NN webpage](#).

This monitoring checklist is provided solely for informational purposes. It does not replace the need to read and comply with the regulatory text contained in the rule. Rather, it is intended to help reporting facilities and suppliers understand key provisions of the GHGRP. It does not provide legal advice; have a legally binding effect; or expressly or implicitly create, expand, or limit any legal rights, obligations, responsibilities, expectations, or benefits with regard to any person or entity.