Subpart W Data populated from Subpart NN Data

Starting in RY2018, EPA will populate certain Subpart W data elements in e-GGRT using data submitted under Subpart NN from the same facility. Reporters will only need to report the specified data elements once in Subpart NN. Data from Subpart NN will be populated into the Subpart W XML and HTML reports during report generation if it was not reported in Subpart W. If a reporter opts to report the specified data elements in both Subpart W and NN, e-GGRT will NOT populate Subpart W reports with the data from Subpart NN. Instead, data as submitted in each subpart will be included with the official submission package.

- Subpart W Onshore natural gas processing segment and Subpart NN, NGL: Fractionator of natural gas liquids
- Subpart W Natural gas distribution and Subpart NN, LDC: Natural gas local distribution company

The specific data elements that EPA will populate include:

Subpart W Data Element	Subpart W Reporting Form Location	Subpart W XML Xpath	Subpart NN Data Element	Subpart NN Webform Location	Subpart NN XML Xpath
Quantity of natural gas received at the gas processing plant in the calendar year (thousand standard cubic feet) [98.236(aa)(3)(i)]	Reporting Form, Tab (aa)(2-11) Facility Overview, Table AA.3	GHG/FacilitySiteInformation/FacilitySiteDetails /SubPartInformation/SubPartW /SubPartWReportingFormsDetails/FacilityOverviewDetails /FacilityOverviewNaturalGasProcessingDetails /FacilityOverviewNaturalGasProcessingRowDetails /QuantityOfGasReceived	Annual Volume of Natural Gas received for processing (mscf) [98.406(a)(3)]	Miscellaneous Information, webform screen NNa-3	GHG/FacilitySiteInformation /FacilitySiteDetails /SubPartInformation /SubPartNN/NGLDetails /AnnualVolumeGasReceived
Does the facility fractionate NGLs? [98.236(aa)(3)(vii)]	Reporting Form, Tab (aa)(2-11) Facility Overview, Table AA.3	GHG/FacilitySiteInformation/FacilitySiteDetails /SubPartInformation/SubPartW /SubPartWReportingFormsDetails/FacilityOverviewDetails /FacilityOverviewNaturalGasProcessingDetails /FacilityOverviewNaturalGasProcessingRowDetails /FractionateNGL	Supplier Type	Subpart Overview, webform screen NNa-0	GHG/FacilitySiteInformation /FacilitySiteDetails /SubPartInformation /SubPartNN/NGLDetails
Quantity of natural gas added to in-system storage in the calendar year (thousand standard cubic feet) [98.236(aa)(9)(iii)]	Reporting Form, Tab (aa)(2-11) Facility Overview, Table AA.9	GHG/FacilitySiteInformation/FacilitySiteDetails /SubPartInformation/SubPartW /SubPartWReportingFormsDetails/FacilityOverviewDetails /FacilityOverviewNaturalGasDistributionDetails /FacilityOverviewNaturalGasDistributionRowDetails /QuantityGasAdded	Annual Volume of Natural Gas placed into storage or liquefied and stored [98.406(b)(2)]	Equation NN-5a, webform screen NNe-6	GHG/FacilitySiteInformation /FacilitySiteDetails /SubPartInformation /SubPartNN/LDCDetails /AnnualVolumeGasStored
Quantity of natural gas transferred to third parties such as other LDCs or pipelines (thousand standard cubic feet) [98.236(aa)(9)(v)]	Reporting Form, Tab (aa)(2-11) Facility Overview, Table AA.9	GHG/FacilitySiteInformation/FacilitySiteDetails /SubPartInformation/SubPartW /SubPartWReportingFormsDetails/FacilityOverviewDetails /FacilityOverviewNaturalGasDistributionDetails /FacilityOverviewNaturalGasDistributionRowDetails /QuantityGasTransferred	Total annual volume of natural gas supplied to downstream gas transmission pipelines and other LDCs [98.406(b)(6)]	Equation NN-3, webform screen NNc-2	GHG/FacilitySiteInformation /FacilitySiteDetails /SubPartInformation /SubPartNN/LDCDetails /AnnualVolumeGasDeliveredt oPipeline

Subpart W Onshore natural gas processing segment and Subpart NN, NGL: Fractionator of natural gas liquids

Facilities who report under **Subpart W in the Onshore natural gas processing segment** and also report under **Subpart NN as an NGL: Fractionator of natural gas liquids**, will only need to report the following data elements to Subpart NN:

1. Annual Volume of Natural Gas received for processing (mscf)
2. Supplier Type

In the Subpart NN webforms, instructions in red text help identify the **Annual Volume of Natural Gas** received for processing data element.

Annual Volume of Natural Gas received for processing:

MISCELLANEOUS INFORMATION FOR NGL FRACTIONATORS

Use this page to report the annual volume of natural gas received for processing, the annual quantity of y-grade, o-grade and other bulk NGLs received from others for fractionation, the annual quantity of y-grade, o-grade and other bulk NGLs not fractionated by the facility supplied to others and the annual quantity of propane that the supplier odorizes at the facility and delivers to others. For additional information about entering miscellaneous information, please use the e-GGRT Help link(s) provided.

Reporting Parameter	Value
Annual Volume of Natural Gas received for processing (mscf) **If this facility also reports to Subpart W in the Onshore natural gas processing industry segment, this value will also be used for your Subpart W submission and does not need to be reported in your Subpart W reporting form.**	
Annual quantity of y-grade, o-grade, and other bulk NGLs received from others for fractionation (barrels)	
Quantity of y-grade, o-grade and other bulk NGLs supplied to downstream users that are not fractionated by the reporter (barrels)	
Annual quantity of Propane odorized at the facility and delivered to others (barrels)	

Supplier Type:

The **Supplier Type** data element is not indicated by red text. For most reporters, this data element is pre-populated in Subpart NN each year based on the previous year's supplier type. First time reporters, select the supplier type from a drop down menu.

CHANGING SUPPLIER TYPE

Use the drop-down menu and CHANGE button below to change the Supplier Type. For additional information about the facility information required by Subpart NN, please use the e-GGRT Help link(s) provided.

Supplier Type* [NGL: Fractionator of natural gas liquids ▼]

In the Subpart W Reporting form, instructions in red text help identify the specific Onshore natural gas processing data elements in Table AA.3.. The following data elements may be left blank if they were also reported to Subpart NN.

>> *Click this link to expand*

Table AA.3. Natural Gas Processing as per [98.236(aa)(3)]

If this facility also reports under Subpart NN as a fractionator, the data element below [98.236(aa)(3)(i)] does not need to be reported in this reporting form. The data as reported under Subpart NN may be used for your Subpart W submission.

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If this facility also reports under Subpart NN as a fractionator, the data element below [98.236(aa)(3)(vii)] does not need to be reported in this reporting form. The data as reported under Subpart NN may be used for your Subpart W submission.

Quantity of natural gas received at the gas processing plant in the calendar year (thousand standard cubic feet)	Quantity of processed (residue) gas leaving the gas processing plant in the calendar year (thousand standard cubic feet)	Cumulative quantity of all NGLs (bulk and fractionated) received at the gas processing plant in the calendar year (barrels)	Cumulative quantity of all NGLs (bulk and fractionated) leaving the gas processing plant in the calendar year (barrels)	Average mole fraction of CH₄ in natural gas received	Average mole fraction of CO₂ in natural gas received	Does the facility fractionate NGLs?
[98.236(aa)(3)(i)]	[98.236(aa)(3)(ii)]	[98.236(aa)(3)(iii)]	[98.236(aa)(3)(iv)]	[98.236(aa)(3)(v)]	[98.236(aa)(3)(vi)]	[98.236(aa)(3)(vii)]

Table AA.3. Natural Gas Processing as per [98.236(aa)(3)]

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Quantity of natural gas received at the gas processing plant in the calendar year (thousand standard cubic feet) [98.236(aa)(3)(i)]	Quantity of processed (residue) gas leaving the gas processing plant in the calendar year (thousand standard cubic feet) [98.236(aa)(3)(ii)]	Cumulative quantity of all NGLs (bulk and fractionated) received at the gas processing plant in the calendar year (barrels) [98.236(aa)(3)(iii)]	Cumulative quantity of all NGLs (bulk and fractionated) leaving the gas processing plant in the calendar year (barrels) [98.236(aa)(3)(iv)]	Average mole fraction of CH_4 in natural gas received [98.236(aa)(3)(v)]	Average mole fraction of CO_2 in natural gas received [98.236(aa)(3)(vi)]	Does the facility fractionate NGLs? [98.236(aa)(3)(vii)]

Subpart W Natural gas distribution and Subpart NN, LDC: Natural gas local distribution company

Facilites who report under **Subpart W in the Natural Gas Distribution** and also report under **Subpart NN as LDC: Natural gas local distribution company** will only need to report the following data elements to Subpart NN:

1. Annual volume of natural gas placed into storage or liquefied and stored
2. Total annual volume of natural gas supplied to downstream gas transmission pipelines and other LDCs

In the Subpart NN webforms, instructions in red text help identify these data elements.

Annual Volume of Natural Gas placed into storage or liquefied and stored:

FUEL 1, ANNUAL VOLUME

Annual volume of natural gas placed into storage or liquefied and stored **If this facility also reports to Subpart W in the Onshore natural gas processing industry segment, this value will also be used for your Subpart W submission and does not need to be reported in your Subpart W reporting form.**		(Mscf per year)
Days in reporting year for which substitute data procedures were used		(days)

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Total annual volume of natural gas supplied to downstream gas transmission pipelines and other LDCs:
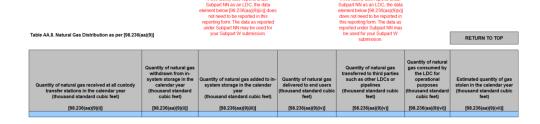
Equation Summary (NN-6)

- **CO₂ᵢ: (NN-1)** Potential CO_2 Quantities associated with Natural Gas Received at the City Gate(s)

- **CO₂ⱼ: (NN-3)** Potential CO_2 Quantities associated with Natural Gas delivered to Transmission Pipelines or Other LDCs

  - **Fuel: Annual Volume of Natural Gas Supplied to downstream gas transmission pipelines and other LDCs**
  - **EF: Emission Factor**

- **CO₂ₖ: (NN-4)** Potential CO_2 Quantities associated with Natural Gas Received by End-users that Receive a Supply ≥ 460,000 Thousand scf per Year

- **CO₂ₗ: (NN-5a)** Potential CO_2 Quantities associated with the net change in natural gas stored on system by the LDC within the reporting year

- **CO₂ₙ: (NN-5b)** Potential CO_2 Quantities associated with natural gas received by the LDC within the reporting year that bypassed the city gate

ANNUAL VOLUME OF PRODUCT SUPPLIED

Total annual volume of natural gas supplied to downstream gas transmission pipelines and other LDCs	(Mscf)
If this facility also reports to Subpart W in the Onshore natural gas processing industry segment, this value will also be used for your Subpart W submission and does not need to be reported in your Subpart W reporting form.	
Days in reporting year for which substitute data procedures were used	(days)

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In the Subpart W Reporting form, instructions in red text help identify the specific Natural gas distribution data elements in Table AA.8:

>> *Click this link to expand*

Table AA.8. Natural Gas Distribution as per [98.236(aa)(9)]

If this facility also reports under Subpart NN as an LDC, the data element below [98.236(aa)(9)(iii)] does not need to be reported in this reporting form. The data as reported under Subpart NN may be used for your Subpart W submission.

If this facility also reports under Subpart NN as an LDC, the data element below [98.236(aa)(9)(vi)] does not need to be reported in this reporting form. The data as reported under Subpart NN may be used for your Subpart W submission.

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Quantity of natural gas received at all custody transfer stations in the calendar year (thousand standard cubic feet)	Quantity of natural gas withdrawn from in-system storage in the calendar year (thousand standard cubic feet)	Quantity of natural gas added to in-system storage in the calendar year (thousand standard cubic feet)	Quantity of natural gas delivered to end users (thousand standard cubic feet)	Quantity of natural gas transferred to third parties such as other LDCs or pipelines (thousand standard cubic feet)	Quantity of natural gas consumed by the LDC for operational purposes (thousand standard cubic feet)	Estimated quantity of gas stolen in the calendar year (thousand standard cubic feet)
[98.236(aa)(9)(i)]	[98.236(aa)(9)(ii)]	[98.236(aa)(9)(iii)]	[98.236(aa)(9)(iv)]	[98.236(aa)(9)(v)]	[98.236(aa)(9)(vi)]	[98.236(aa)(9)(vii)]

If this facility also reports under Subpart NN as an LDC, the data element below [98.236(aa)(9)(iii)] does not need to be reported in this reporting form. The data as reported under Subpart NN may be used for your Subpart W submission.

If this facility also reports under Subpart NN as an LDC, the data element below [98.236(aa)(9)(v)] does not need to be reported in this reporting form. The data as reported under Subpart NN may be used for your Subpart W submission.

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Table AA.8. Natural Gas Distribution as per [98.236(aa)(9)]

Quantity of natural gas received at all custody transfer stations in the calendar year (thousand standard cubic feet) [98.236(aa)(9)(i)]	Quantity of natural gas withdrawn from in-system storage in the calendar year (thousand standard cubic feet) [98.236(aa)(9)(ii)]	Quantity of natural gas added to in-system storage in the calendar year (thousand standard cubic feet) [98.236(aa)(9)(iii)]	Quantity of natural gas delivered to end users (thousand standard cubic feet) [98.236(aa)(9)(iv)]	Quantity of natural gas transferred to third parties such as other LDCs or pipelines (thousand standard cubic feet) [98.236(aa)(9)(v)]	Quantity of natural gas consumed by the LDC for operational purposes (thousand standard cubic feet) [98.236(aa)(9)(vi)]	Estimated quantity of gas stolen in the calendar year (thousand standard cubic feet) [98.236(aa)(9)(vii)]

Validation Messages based on populated Subpart W data

Applicable Subpart W validations in the chart below will now be performed after report generation in order to review the populated Subpart W data from Subpart NN. These validation messages are not critical errors (i.e., do not prevent submission) and may be ignored if you believe the data you have entered is correct.

Validation Check ID	Validation Message
W0005V3	Quantity of natural gas received at gas processing plant [98.236(aa)(3)(i)]. This element is required for this industry segment.
W0006V3	Quantity of natural gas received at gas processing plant [98.236(aa)(3)(i)]. You must enter a value that is greater than or equal to zero.
W0007V3	Does facility fractionate NGLs? [98.236(aa)(3)(vii)]. This element is required for this industry segment.
W0008V3	Quantity of natural gas added to in-system storage [98.236(aa)(9)(iii)]. This element is required for this industry segment.
W0009V3	Quantity of natural gas added to in-system storage [98.236(aa)(9)(iii)]. You must enter a value that is greater than or equal to zero.
W0010V3	Quantity of natural gas transferred to third parties [98.236(aa)(9)(v)]. This element is required for this industry segment.
W0011V3	Quantity of natural gas transferred to third parties [98.236(aa)(9)(v)]. You must enter a value that is greater than or equal to zero.
W0012V3	The sum of the reported feed rates for all AGR units in Table D.1 is greater than the total reported quantity of natural gas received by the facility in Table AA.3. Please check that the feed rates in Table D.1 are in million cubic feet per year and the quantity in Table AA.3 is in thousand standard cubic feet per year. If this is an error, please correct the values. If it is correct, please submit the values as is.

New validations to ensure consistency between the specified data elements in Subpart W and Subpart NN will also be performed after report generation. These validation messages are not critical errors (i.e., do not prevent submission) and may be ignored if you believe the data you have entered is correct.

Validation Check ID	Validation Message
NN705	The quantity of gas received, {WReportedQuantityOfGas} Mscf, reported under Subpart W differs from the quantity of natural gas received, {NNReportedQuantityOfGas } Mscf, reported under Subpart NN. Please double check your report and revise, if necessary. If you believe it to be correct, please submit the report as is.
NN706	Facility reported as a fractionator of NGL products under Subpart W, but did not report as a fractionator in Subpart NN. Please double check your report and revise, if necessary. If you believe it to be correct, please submit the report as is.
NN707	The quantity of gas added to storage, {WReportedQuantityOfGasToStorage} Mscf, reported under Subpart W differs from the volume of gas placed into storage (including liquefied and stored), {NNReportedQuantityOfGasToStorage } Mscf, reported under Subpart NN. Please double check your report and revise, if necessary. If you believe it to be correct, please submit the report as is.

NN7 08	The quantity of gas transferred to third parties, {WReportedQuantityOfGasTransferred} Mscf, reported under Subpart W differs from the volume of gas delivered to inter/intra-state pipelines or other LDCs, {WReportedQuantityOfGasTransferred } Mscf, reported under Subpart NN. Please double check your report and revise, if necessary. If you believe it to be correct, please submit the report as is.

Report Certification

Reporters are responsible for reviewing the populated data that is generated and confirming that it is accurate and in compliance with the requirements of Part 98 prior to certifying and submitting the greenhouse gas emissions report.

See Also

Subpart W - Petroleum and Natural Gas Systems

Facility Overview

Subpart NN - Suppliers of Natural Gas and Natural Gas Liquids

Subpart NN Fractionator GHG Information

Subpart NN LDC GHG Information