

## **EIA-816**

# **MONTHLY NATURAL GAS LIQUIDS REPORT**

# **INSTRUCTIONS**

### **1. QUESTIONS?**

If you have any questions about Form EIA-816 after reading the instructions, please contact the Form Manager at (202) 586-2990.

### **2. PURPOSE**

The Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report," is used to collect data on the operations of natural gas processing plants and end-of-month stocks of fractionators. The data appear on EIA's website at [www.eia.doe.gov](http://www.eia.doe.gov) and in numerous government publications.

### **3. WHO MUST SUBMIT**

Form EIA-816 is mandatory pursuant to Section 13(b) of the Federal Energy Administration Act of 1974 (Public Law 93-275) and must be completed by the operators of all facilities that extract liquid hydrocarbons from a natural gas stream (natural gas processing plant) and/or separate a liquid hydrocarbon stream into its component products (fractionator).

Section 9 explains the possible sanctions for failing to report.

### **4. WHEN TO SUBMIT**

Form EIA-816 must be filed with the EIA by the 20<sup>th</sup> calendar day following the end of the report period (e.g., the Form EIA-816 covering the January 2003 report period must be received by February 20, 2003).

### **5. WHERE TO SUBMIT**

Survey forms may be submitted by facsimile, e-mail, or electronically.

This form may be submitted to the EIA by fax, e-mail, or secure file transfer. Should you choose to submit your data via e-mail or facsimile, we must advise you that e-mail and facsimile are insecure means of transmission because the data are not encrypted, and there is some possibility that your data could be compromised. You can also send your Excel files to EIA using a secure method of transmission: HTTPS. This is an industry standard method to send information over the web using secure, encrypted processes. (It is the same method that commercial companies communicate with customers when transacting business on the web.) To use this service, we recommend the use of Microsoft Internet Explorer 5.5 or later or Netscape 4.77 or later. Send your surveys using this secure method at: <https://idc.eia.doe.gov/upload/noticeoog.jsp>.

Fax completed forms to: **(202) 586-6323 or (202) 586-1076**

E-mail completed forms to: **[OOG.SURVEYS@eia.doe.gov](mailto:OOG.SURVEYS@eia.doe.gov)**

Electronic Filing Option: The PC Electronic Data Reporting Option (PEDRO) is a Windows-based application that will enable you to enter data interactively, import data from your own database, validate your data online, and transmit the encrypted data electronically to EIA via the Internet or a dial-up modem. If you are interested in receiving this free software, contact the Electronic Data Collection Support Staff at **(202) 586-9659**.

### **6. COPIES OF SURVEY FORMS, INSTRUCTIONS AND DEFINITIONS**

Copies in portable document format (PDF) and spreadsheet format (XLS) are available on EIA's website at:

[www.eia.doe.gov/oil\\_gas/petroleum/survey\\_forms/pet\\_survey\\_forms.html](http://www.eia.doe.gov/oil_gas/petroleum/survey_forms/pet_survey_forms.html)

You may also access the materials by following the steps below:

- Go to EIA's website at [www.eia.doe.gov](http://www.eia.doe.gov)
- Place a cursor on *By Fuel* near the center of the page and click on *Petroleum* from the drop down menu
- Click on *Survey Forms* on the left side of the page
- Select the materials you want.

Files must be saved to your personal computer. Data cannot be entered interactively on the website.

### **7. HOW TO COMPLETE THE SURVEY FORM**

#### **RESPONDENT IDENTIFICATION**

- Enter the 10-digit EIA ID Number. If you do not have a number, submit your report leaving this field blank. EIA will advise you of the number.
- Enter the name and mailing address of the reporting company. If there has been a change since the last report, enter an "X" in the box to the right.
- Enter the site name of the facility.
- Enter the name, title, telephone number, fax number, and e-mail address of the person to contact concerning information shown on the report. The person listed should be the person most knowledgeable of the specific data reported. Check the box provided if the contact information is different from the prior month.

## Report Period

Enter the year and month (e.g., January 2003 is: Year 03 Month 01).

The monthly report period begins at 12:01 a.m. EST on the first day of the month and ends midnight of the last day of the month.

## Resubmission

A resubmission is required whenever an error greater than 5 percent of a previously reported value is discovered by a respondent or if requested by the EIA.

Enter "X" in the resubmission box if you are correcting information previously reported.

Enter only those data cells which are affected by the changes. You are not required to file a complete form when you resubmit.

## PART 1. NATURAL GAS LIQUIDS ACTIVITY

Definitions of petroleum products and other terms are available on our website. Refer to Section 6 for details. Please refer to these definitions before completing the survey form.

Report all quantities to the nearest whole number in **thousand barrels** (42 U.S. gallons/barrel). Quantities ending in 499 or less are rounded down, and quantities ending in 500 or more are rounded up (e.g., 106,499 barrels are reported as 106 and 106,500 barrels are reported as 107).

Report data for only those lines which are applicable to your operation. If there are no data for a specific line, leave the entire line blank. Shaded cells on the form are those in which data are not currently required to be reported.

### Natural Gas Processing Plants

For each natural gas liquid identified on the form, report beginning and end-of-month stocks, receipts, inputs, production, shipments, and refinery fuel use and losses during the month, except where shaded.

For each of the natural gas liquids identified on the form, beginning stocks + receipts - inputs + production - shipments - plant fuel use and losses during the month must equal ending stocks.

### Fractionators

For each of the products identified on the form, **report only end-of-month stocks**. However, if the fractionation facility also has isomerization units, report inputs and production of the products being converted.

Report all mixes of natural gas plant liquids (including unfractionated streams) by the individual components as determined by chemical analysis (i.e., ethane, propane, normal butane, isobutane, and pentanes plus).

### Combined Operations (Natural Gas Processing Plants and Fractionators)

Operators of natural gas processing plants that also operate a fractionator at the same location/facility are required to file a separate Form EIA-816 for each of these processes. Use the preceding instructions to prepare one Form EIA-816 as a natural gas processing plant and one Form EIA-816 as a fractionator.

## Stocks (Beginning and End of Month)

Report all stocks in the **custody** of the facility regardless of ownership. Reported stock quantities should represent actual measured inventories.

Report stocks as of midnight of the last day of the report month, corrected to 60 degrees Fahrenheit (°F) less basic sediment and water (BS&W).

For natural gas processing plants only, stocks at the beginning of the month are to be the same as those reported as end-of-month stocks on the report for the preceding month.

Fractionators are only required to report end-of-month stocks.

Report all domestic and foreign stocks held at facilities and in transit thereto, except those in transit by pipeline. Petroleum products in transit by pipeline are reported by pipeline operators on Form EIA-812, "Monthly Product Pipeline Report." Include foreign stocks only after entry through Customs. Exclude stocks of foreign origin held in bond.

For purposes of this report, "after entry through Customs" is said to occur on:

- the "entry date" specified on the U.S. Customs Form CF7501, "Entry Summary;" or
- the "date of withdrawal conditionally free of duty" specified on U.S. Customs Form CF 7501, "Entry Summary;" or
- the "import date" specified on the U.S. Customs Form 214, "Application for Foreign Trade Zone Admission and/or Status Designation;" or
- the "date of exportation" specific on the U.S. Department of Commerce Form 7525-V, "Shipper's Export Declaration," for shipments from Puerto Rico to the 50 States and the District of Columbia.

## Receipts During Month

Report all receipts at the facility and in transit thereto, using the same criteria as those used for report stocks. Include intra-company transactions.

## Inputs During Month

Inputs of product should only include quantities of products being converted by an isomerization process into a different product (e.g., conversion of normal butane into isobutane would be reported as an input of normal butane and a production of isobutane).

## Production During Month

Report gross production during the month for each item identified on the survey form. Report production during the month by individual components as determined by chemical analysis (i.e., ethane, propane, normal butane, isobutane, and

pentanes plus). Include as production during the month the quantity of product converted through isomerization into a different product.

### Shipments During Month

Report all shipments, including intracompany shipments to other plants, storage facilities, refineries, chemical plants or fractionating facilities.

### Plant Fuel Use and Losses During Month

Include products consumed at the facility for all purposes.

Report all nonprocessing losses (e.g., spills, fire losses, contamination, etc.) by product.

## PART 2. NATURAL GAS ACTIVITY

### Natural Gas Processing Plants (Exclude Fractionators)

Report all quantities in **Thousands of Cubic Feet (Mcf)**. If there are no data for a specific line, leave the entire line blank. Shaded cells on the form are those in which data are not currently required to be reported.

### Volume of Natural Gas Received During the Month

Report all wet natural gas receipts at the intake meter of the facility.

### Total Plant Volumetric Reduction (PVR) During the Month:

#### a) Plant Fuel Use/Vented and Flared

Include natural gas volumes consumed at the facility for all purposes, and any natural gas volumes vented or flared during the month. Include natural gas only.

#### b) Nonhydrocarbon Gases Removed

Typical non-hydrocarbon gases that may be present in reservoir natural gas are carbon dioxide, helium, hydrogen sulfide and nitrogen.

#### c) Shrinkage (from liquids produced)

Estimate the volumes of gas shrinkage in thousand of cubic feet resulting only from the removal of natural gas liquids from the natural gas received at the plant. Calculate the equivalent gas volumes for the natural gas liquids components by multiplying the specific liquid product (i.e., ethane, propane, isobutane, normal butane, natural gasoline, plant condensate and other products), by the appropriate conversion factor (based on average btu content per Mcf). After converting each of the individual plant components or products to their equivalent gas volume, they should then be summed to determine the total plant shrinkage.

### Volume of Natural Gas Returned for Reinjection During the Month

Report natural gas sent back to the wellhead for the purpose of repressuring (the injection of gas into gas or oil formations to affect greater recovery).

### Volume of Residue Gas (shipped to pipeline) During the Month

Report all shipments, including intracompany shipments to other plants, storage facilities, refineries, chemical plants or fractionation facilities. The volumes of residue gas shipped to pipelines is expected to be less than or equal to the volumes of natural gas received during the month minus total Plant Volumetric Reductions and the volumes sent back for reinjections.

## COMMENTS

Explain any unusual or substantially different aspects of your reporting month's operations that affect the data reported.

## 8. PROVISIONS REGARDING CONFIDENTIALITY OF INFORMATION

The information reported on this form will be kept confidential and not disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), 5 U.S.C. §552, the DOE regulations, 10 C.F.R. §1004.11, implementing the FOIA, and the Trade Secrets Act, 18 U.S.C. §1905. The Energy Information Administration (EIA) will protect your information in accordance with its confidentiality and security policies and procedures.

The Federal Energy Administration Act requires the EIA to provide company-specific data to other Federal agencies when requested for official use. The information reported on this form may also be made available, upon request, to another component of the Department of Energy (DOE); to any Committee of Congress, the General Accounting Office, or other Federal agencies authorized by law to receive such information. A court of competent jurisdiction may obtain this information in response to an order. The information may be used for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Company specific data are also provided to other DOE offices for the purpose of examining specific petroleum operations in the context of emergency response planning and actual emergencies.

Disclosure limitation procedures are not applied to the statistical data published from this survey's information. Thus, there may be some statistics that are based on data from fewer than three respondents, or that are dominated by data from one or two large respondents. In these cases, it may be possible for a knowledgeable person to estimate the information reported by a specific respondent.

## 9. SANCTIONS

The timely submission of Form EIA-816 by those required to report is mandatory under Section 13(b) of the Federal Energy Administration Act of 1974 (Public Law 93-275), as amended. Failure to respond may result in a civil penalty of not more than \$2,750 each day for each violation, or a fine of not more than \$5,000 for each willful violation.

The government may bring a civil action to prohibit reporting violations which may result in a temporary restraining order or a preliminary or permanent injunction without bond. In such civil action, the court may also issue mandatory injunctions commanding any person to comply with these reporting requirements.

#### **10. FILING FORMS WITH THE FEDERAL GOVERNMENT AND ESTIMATED REPORTING BURDEN**

Respondents are not required to file or reply to any Federal collection of information unless it has a valid OMB control number. Public reporting burden for this collection of information is estimated to average 57 minutes per response. This includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information including suggestions for reducing this burden to: Energy Information Administration, Statistics and Methods Group, EI-70, 1000 Independence Avenue, S.W., Washington, D.C. 20585; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.