



Province of British Columbia

BC-19

MONTHLY NATURAL GAS PLANT AND PROCESSING STATEMENT

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HEADER AND CONTACT INFORMATION	
Contact Name	A1
Contact Phone	A2
Contact E-mail	A3
Production Year and Month	A4
Client Name	A5
Plant Location	A6
Plant Name	A7
Comments (Optional)	A8

A9

Continue with BC19

Clear

Entry Date-Time	
Access Key	A10

NATURAL GAS (10 ³ m ³)			
Gathering System:	BC Volume	Non-BC Volume	Total Volume
Receipt on Gathering System	B1		
Other RECEIPTS (specify here)	B2		
Other RECEIPTS (specify here)	↓		
Other RECEIPTS (specify here)			
Other RECEIPTS (specify here)			
Other DELIVERIES (specify here)	B3		
Flared Gas	B4		
Fuel Gas	B5		
Metering Difference	B6		
To (From) Linepack	B7		
Measured Volume at Plant Inlet	B8		

Plant Facility:	BC Volume	Non-BC Volume	Total Volume
Plant Flared (Metered)	B9		
Plant Flared (Estimated)	B9		
Plant Fuel	B10		
Field Fuel from Plant	B11		
Plant Fuel Gas Buy Back	B12		
Plant Metering Difference	B13		
Residual Gas to Storage	B14		
Acid Gas	B15		
Natural Gas Liquids	B16		
Other RECEIPTS (specify here)	B17		
Other RECEIPTS (specify here)	B17		
Other DISPOSITIONS (specify here)	B18		
Other DISPOSITIONS (specify here)	B18		
Gas Available for Sale	B19		

Details of Shipments (pipeline):			
	BC Volume	Non-BC Volume	Total Volume
Alliance	B20		
Spectra			
Trans-Canada			
Storage			
Oth PPL specify			
Oth PPL specify			
Oth PPL specify			
Oth PPL specify			
Oth PPL specify			
Oth PPL specify	↓		
Total Marketable Gas for Sale	B21		
Check Gas: Available vs. Shipment	B22		
BC Energy in GJ	B23		

BC Natural Gas By-Products m ³ : *** PLANT BY-PRODUCTS only (no field condensates) ***						
Supply	Ethane Volume	Propane Volume	Butane Volume	(NGL) Pentanes+ Volume	(Plant Inlet Separator) Condensate Volume	Sulphur Tonnes
Opening Inventory	C1					→
Monthly Production	C2					
From Other Sources (specify here)	C3					
Total By-Product Supply	C4					
Disposition						
Losses and Adjustments	C5					
To Other Sources (specify here)	C6					
Closing Inventory	C7					
Shipments	C8					
Total By-Product Disposition	C9					
***Check By-Prod: Supply vs Disposition	C10					

BC-19 MONTHLY NATURAL GAS PLANT AND PROCESSING STATEMENT

PURPOSE

The BC19 replaces the BC16 and BC17 reporting forms and is used by operators of gas plants and dry gas sources to report:

- raw gas volumes delivered to a gas plant or dry gas source;
- marketable gas volumes extracted from the raw gas deliveries;
- volume of natural gas by-products extracted from raw gas that has been delivered to the plant. Natural gas by-products are defined as ethane, propane, butane, condensates (plant inlet separator), pentanes⁺ and sulphur;
- any gathering system or plant losses associated with transporting and processing the raw gas deliveries; and
- natural gas and by-product splits.

TIMING

The BC19 must be filed with the Mineral, Oil and Gas Revenue Branch not later than the 25th day of the month following the calendar month in which the gas was processed.

STANDARDS

- Gas volumes are to be reported in thousands of cubic meters at 101.325kPa and 15 degrees Celsius and must be reported to one decimal place.
- Liquid volumes are to be reported in cubic meters at 101.325kPa and 15 degrees Celsius and must be reported to one decimal place.
- Gas energy is to be reported in gigajoules (GJ) and must be reported as a whole number.

HEADER AND CONTACT INFORMATION

- A1 Contact Name** Enter the name of the person who should be contacted for any enquiries about the contents of this statement.
- A2 Contact Phone** Enter the phone number of the contact person named above.
- A3 Contact E-mail** Enter the e-mail address of the contact person named above.
- A4 Production Year and Month** Select the month and year for which this statement is made.
- A5 Client Name** Select the name of the company operating the plant or dry gas source.
- A6 Plant Location** Select the province where the plant is located.
- A7 Plant Name** Select the name of the plant or dry gas source.

GENERAL INFORMATION cont'd

A8 Comments Optional unless plant is shut-in. If shut in, then note here that the plant is 'shut-in'. This will indicate that zero entries for the rest of the report are correct.

Note: The maximum number of characters allowed in this field is 40.

A9 Continue with BC19 Click on "Continue with BC19" box when done. This will display the information, entered above, under Header and Contact Information.

A10 Entry Date-Time Access Key *NOTE THIS NUMBER* You will need this number to revise a form that you have previously worked on or to amend a form that you have previously completed.

NATURAL GAS (10³m³)

Gathering System:

B1 Receipt on Gathering System For each reporting facility delivering into the gathering system, enter total raw gas volumes delivered into the gathering system(s) linked into the gas plant or dry gas source. Volumes received from other provinces should be reported separately from British Columbia volumes.

B2 Other RECEIPTS Enter volumes received from storage or any other receipts of raw volumes not accounted for in B1. (Specify the source.)

B3 Other DELIVERIES Enter raw gas deliveries that do not get measured at the inlet to the gas plant or dry gas source. Examples can include injected volumes or return gas volumes. (Specify the destination.)

B4 Flared Gas Enter the volume of British Columbia and/or non-British Columbia gas flared at any location on the gathering system.

B5 Fuel Gas Enter the volume of British Columbia and/or non-British Columbia fuel gas used in equipment on the gathering system.

B6 Metering Difference Enter the British Columbia and/or non-British Columbia volumetric metering difference between the gathering system and plant inlet meters. If positive enter a negative number (see B8 formula).

B7 To (From) Linepack Enter the British Columbia and/or non-British Columbia volume of raw gas either added to or taken from linepack. If positive enter a negative number (see B8 formula).

B8 Measured Volume at Plant Inlet Calculated field =
 $B1 + B2 - B3 - B4 - B5 - B6 - B7$

Plant Facility:

B9 Plant Flared (Metered or Estimated) Enter the British Columbia and/or non-British Columbia volume of metered or estimated volume of gas flared at the gas plant or dry gas source.

B10 Plant Fuel Enter the British Columbia and/or non-British Columbia volume of fuel gas to operate equipment at the gas plant or dry gas source.

NATURAL GAS (10³m³) cont'd

- B11 Field Fuel from Plant** Enter the British Columbia and/or non-British Columbia inlet gas (raw) returned for use in the field.
- B12 Plant Fuel Gas Buy Back** Enter the British Columbia and/or non-British Columbia marketable gas (residue) returned for use in the field (e.g. buyback fuel).
- B13 Plant Metering Difference** Enter the British Columbia and/or non-British Columbia volume of gas required to balance the sum of the Plant Disposition to the Measured Volume at Plant Inlet. If positive enter a negative number (see B19 formula).
- B14 Residual Gas to Storage** Enter the British Columbia and/or non-British Columbia volume of marketable gas delivered to a storage facility.
- B15 Acid Gas** Enter the British Columbia and/or non-British Columbia gas equivalent volumes of acid gas extracted from the raw gas stream.
- B16 Natural Gas Liquids** Enter the British Columbia and/or non-British Columbia gas equivalent volumes of natural gas liquids extracted from the raw gas stream.
- B17 Other RECEIPTS** Enter volumes received from storage or any other receipts of raw gas volumes not already accounted for. (specify source).
- B18 Other DISPOSITIONS** Enter gas deliveries that are delivered to a secondary facility and not to a third party pipeline (specify destination).
- B19 Gas Available for Sale** Calculated field =
 $B8 - B9 - B10 - B11 - B12 - B13 - B14 - B15 - B16 + B17 - B18$

Details of Shipments (pipeline):

- B20 Alliance (AL), Spectra (SP), Trans-Canada (TR), Storage (ST) oth PPL** Enter the British Columbia and/or non-British Columbia marketable gas volumes available for sale using the pipeline system or storage facility that the marketable gas is being delivered into. For any other shipments use the "Oth PPL Specify" fields, specifying the name up to 15 characters.
- B21 Total Marketable Gas for Sale** Calculated field = Sum of all B20's.
- B22 Check Gas: Available vs. Shipment** Calculated field ($B19 - B21 = 0$) showing imbalances if form not filled out correctly. The information in this field must be balanced (i.e. zero) before form can be submitted.
- B23 BC Energy in GJ** Enter total British Columbia market gas GJs

BC NATURAL GAS BY-PRODUCTS (m³): * BC PLANT BY-PRODUCTS only (no field condensates) ***** (Used to report only B.C. by-products)

Supply:

- C1 Opening Inventory** For each by-product type, enter the volume of by-product in inventory at the beginning of the reporting period. The opening inventory for each product must equal the closing inventory of the previous month reported
- C2 Monthly Production** For each by-product type, enter the volume produced during the reporting period.
- C3 From Other Sources (specify here)** For each by-product type, enter the volume processed at other plants that is transferred to the plant during the reporting period.
- C4 Total By-Products Supply** Calculated field = C1 + C2 + C3

Disposition:

- C5 Losses and Adjustments** For each by-product type, enter the sum of by-product volumes lost in the reporting period.
- C6 To Other Sources (specify here)** For each by-product type, enter the total volume of by-product transported to other plants. This field will only be used when a volume is being transferred to another plant. If the volume is sold, then enter the volume in E8.
- C7 Closing Inventory** For each by-product type, enter the total volume of by-product remaining in inventory at the end of the reporting period.
- C8 Shipments** For each by-product type, enter the total volume of by-product transported to market (sold).
- C9 Total By-Products Disposition** Calculated field = C5 + C6 + C7 + C8
- C10 *** Check By-Prod: Supply vs. Disposition ***** Calculated field (C4 – C9) showing imbalances if form not filled out correctly. The information in this table must be balanced before form can be submitted.

NATURAL GAS AND BY-PRODUCT SPLITS * BC Production Only *****

- D1 Lookup for Owner Code/Name** Used to locate an Owner Code number to be entered in D3.
- D2 Lookup for Shipper Code/Name** Used to locate a Shipper Code number to be entered in D4.
- D3 Owner Code** Enter Owner (producer) code (D1). The Owner is the company responsible for paying royalties. Name is automatically filled in. NOTE: If an incorrect Owner Code is entered here, the incorrect owner will be charged royalties.

NATURAL GAS AND BY-PRODUCT SPLITS *** BC Production Only *** cont'd

- D4 Shipper Code** Enter Shipper code (D2). The Shipper is not the buyer of gas. Rather, when the gas at the outlet of the plant is nominated into a pipeline, the shipper is the company that it got nominated under. Name is automatically filled in. NOTE: If incorrect Shipper code is entered here, marketable gas will be applied to an incorrect shipper account and the Producer Prices will be calculated incorrectly.
- D5 Pipeline Name** Enter the pipeline the marketable gas was nominated into. Use the following codes: AL for Alliance Pipeline, SP for British Columbia's Spectra Pipeline, ST for storage and TR for the Trans-Canada (NOVA) Pipeline. For any other deliveries please specify (up to 15 characters). NOTE: This name must be exactly the same as was entered under Details of Shipment (B20).
- D6 Raw Gas 10³m³** Enter raw gas volumes in 10³m³.
- D7 Mrk Gas 10³m³** Enter marketable gas volumes in 10³m³.
- D8 Mrk Gas Energy GJ** Enter marketable gas energy in GJ. Whole numbers only.
- D9 Ethane m³** Enter ethane volumes in m³.
- D10 Propane m³** Enter propane volumes in m³.
- D11 Butane m³** Enter butane volumes in m³.
- D12 NGL Pentanes⁺ & Inlet Separator Condensates m³** Enter total Pentanes⁺ and Inlet Condensate volumes in m³.
- D13 Sulphur Tonnes** Enter sulphur in tonnes.
- D14 Totals** Calculated Field = sums all columns (D15 to D13).
- D15 Comparison** Calculated Field Totals by pipeline for natural gas (B20) and natural gas by-products (C8).
- D16 Check Balances** Calculated field (D15 - D14) showing imbalances if form not filled out correctly. The information in this table must be balanced before form can be submitted.

CHECKING THE BALANCE OF THE FORM

User can click on the "Check Balance" button at any time, waiting until done, or after completing each section in any order. Once this button is clicked, the user will receive a message indicating any errors in the tables filled in so far. Pressing the "Enter" key will give the user the same result as clicking on the "Check Balance" button.

Until the Gas and By-products tables are balanced internally and each row of the Natural Gas and By-Products Splits table is balanced within 1 unit of the Gas and By-product table, error messages will appear indicating the problem(s).

The user can modify this screen and (re) click on 'Check Balance' as many times as necessary.

FORM SUBMISSION

After completing the form, the user will click on Check Balance (or use the Enter key) to receive the message that the form is consistent (in balance).

When the form is in balance, the user can now click on the box as seen in the message “Click here (to SUBMIT once form is balanced)” displayed at the bottom of the screen. Clicking on the box will enter a check mark (✓) into the box. Once the check mark has been entered, the user will then either click on the Check Balance button once more, or use the Enter key. At this time a confirmation page appears with a message stating that the completed form has been emailed to the user (to the email address entered in A3).

DATE ENTRY NOTES

- Do not use single or double quotations in any text fields
- If you determine that a line you’ve entered in the Splits area of the form is not needed, delete the volumetric information and leave the Owner/Shipper details as is. If you attempt to delete the client coding, an error will occur and you will be required to get out of the form and go back in again before the error will be cleared.

REVISIONS

By using the saved ‘Access Key’ (Section A10) and client code, saved data can be accessed at any day or time to complete a revision. If user needs to do a revision and does not have the ‘Access Key’, the BC19 form will have to be re-completed in its entirety and resubmitted.

CONTACTS

Cindy Wan (natural gas): 250-952-0215
Lorna Carver (natural gas): 250-387-5473
Kathy Brulotte (liquids): 250-356-6419
Lorraine Rogerson (liquids): 250-387-1444