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November 20, 2019

British Columbia Utilities Commission
Suite 410, 900 Howe Street
Vancouver, BC
V6Z 2N3

Attention: Mr. Patrick Wruck, Commission Secretary and Manager, Regulatory Support

Dear Mr. Wruck:

**Re: FortisBC Energy Inc. - Mainland and Vancouver Island Service Area
Commodity Cost Reconciliation Account (CCRA), Midstream Cost
Reconciliation Account (MCRA) Quarterly Gas Costs, Biomethane Energy
Recovery Charge (BERC) Rates, and Biomethane Variance Account (BVA)
Annual Report
2019 Fourth Quarter Gas Cost Report**

The attached materials provide the FortisBC Energy Inc. (FEI or the Company) 2019 Fourth Quarter Gas Cost Report (the Fourth Quarter Report) for the CCRA and MCRA deferral accounts as required under British Columbia Utilities Commission (BCUC) guidelines. The gas cost forecast used within the attached report is based on the five-day average of the November 5, 6, 7, 8, and 12, 2019 forward prices (five-day average forward prices ending November 12, 2019).

Pursuant to Order G-133-16 and the accompanying Decision dated August 12, 2016, FEI is directed to file the BVA Annual Report concurrently with the Fourth Quarter Report setting out the Short Term BERC Rate and Long Term BERC Rate to be effective January 1 of the next year.

CCRA Deferral Account

Based on the five-day average forward prices ending November 12, 2019, the December 31, 2019 CCRA balance is projected to be approximately \$16 million surplus after tax. Further, based on the five-day average forward prices ending November 12, 2019, the gas purchase cost assumptions, and the forecast commodity cost recoveries at present rates for the 12-

month period ending December 31, 2020, and accounting for the projected December 31, 2019 deferral balance, the CCRA trigger ratio is calculated to be 94.1 percent (Tab 1, Page 2, Column 4, Line 7), which falls outside the deadband range of 95 percent to 105 percent. The tested rate increase that would produce a 100 percent commodity recovery-to-cost ratio is calculated to be \$0.097/GJ (Tab 1, Page 2, Column 5, Line 26), which falls within the \$0.50/GJ minimum rate change threshold. The results of the two-criteria rate adjustment mechanism indicate that no rate change is required at this time.

The schedules at Tab 2, Pages 1 and 2 provide the information related to the forecast CCRA gas supply costs allocation for the January 1, 2019 to December 31, 2021 period, based on the five-day average forward prices ending November 12, 2019, to the sales rate classes.

MCRA Deferral Account

Based on the five-day average forward prices ending November 12, 2019, the midstream gas supply cost assumptions, and the forecast midstream cost recoveries at present rates, the 2020 MCRA activity is forecast to over recover costs for the 12-month period by approximately of \$61 million (the difference between the forecast 2020 costs incurred shown at Tab 1, Page 3, Column 14, Line 27 and the forecast 2020 recoveries shown at Tab 1, Page 3, Column, 14, Line 28). The schedule at Tab 2, Page 7, shows the sales rate classes allocation to eliminate the forecast over recovery of the 12-month MCRA gas supply costs. The Company requests approval to set the Storage and Transport Charges for the sales rate classes to the amounts shown in the schedule at Tab 2, Page 7, Line 40, effective January 1, 2020. The Storage and Transport Charge for Rate Schedule 1 residential customers is proposed to decrease by \$0.398/GJ, from \$1.485/GJ to \$1.087/GJ, effective January 1, 2020.

MCRA Rate Rider 6 was established to amortize and refund / recover amounts related to the MCRA year-end balances. Pursuant to Order G-138-14, one-half of the cumulative projected MCRA deferral balance at the end of the year will be amortized into the following year's midstream rates. Based on the five-day average forward prices ending November 12, 2019, the December 31, 2019 MCRA balance is projected to be approximately \$14 million surplus after tax (Tab 1, Page 3, Col. 14, Line 16). The Company requests approval to reset MCRA Rate Rider 6 for the natural gas sales rate classes to the amounts as shown in the schedule at Tab 2, Page 7, Line 45, effective January 1, 2020. The MCRA Rate Rider 6 applicable to Rate Schedule 1 residential customers is proposed to increase the refund by \$0.045/GJ, from a refund amount of \$0.023/GJ to a refund amount of \$0.068/GJ, effective January 1, 2020.

The schedules at Tab 2, Pages 4 to 6, provide details of the recorded and forecast MCRA gas supply costs for calendar 2019, 2020, and 2021 based on the five-day average forward prices ending November 12, 2019.

The schedule at Tab 3, Page 1 provides the forecast monthly MCRA deferral balances with the proposed changes to the storage and transport related charges and MCRA Rate Rider 6, effective January 1, 2020.

FEI will continue to monitor and report the MCRA balances consistent with the Company's position that midstream recoveries and costs be reported on a quarterly basis and, under normal circumstances, midstream rates be adjusted on an annual basis with a January 1 effective date.

BVA Annual Report

By Order G-230-18 dated December 4, 2018, the BCUC established the Short Term BERC Rate at \$10.287/GJ and the Long Term BERC Rate at \$10.000/GJ, effective January 1, 2019.

In the Fourth Quarter Report, FEI proposes no change to the Commodity Cost Recovery Charge of \$1.549/GJ. The existing British Columbia Carbon Tax is set at \$1.986/GJ. Based on the BERC rate methodology, the Company requests an increase of \$0.248/GJ to the Short Term BERC rate from \$10.287/GJ to \$10.535/GJ, and to maintain the Long Term BERC rate at \$10.000/GJ, effective January 1, 2020. The tables below provide the breakdown and calculation of the current and proposed BERC rates.

Particulars	Short Term Contact	
	Jan 1, 2019	Jan 1, 2020
BERC Rate effective date		
Commodity Cost Recovery Charge	\$ 1.549	\$ 1.549
BC Carbon Tax	\$ 1.738	\$ 1.986
Premium	\$ 7.000	\$ 7.000
Short Term BERC Rate per GJ	\$ 10.287	\$ 10.535
	Long Term Contact	
	Jan 1, 2019	Jan 1, 2020
BERC Rate effective date		
Short Term BERC Rate per GJ	\$ 10.287	\$ 10.535
Less Discount of \$1.00 (for long term contract)	\$ (1.000)	\$ (1.000)
Theoretical calculation	\$ 9.287	\$ 9.535
Subject to a Minimum Contract Strike Price / GJ	\$ 10.000	\$ 10.000
Long Term BERC Rate per GJ	\$ 10.000	\$ 10.000

Based on the biomethane gas supply cost assumptions (i.e. project in-service date, cost of service, and production volumes) and the forecast biomethane recoveries at the present BERC rate, the BVA balance before accounting for the value of the unsold biomethane quantities is projected to be approximately \$2,350 thousand deficit after tax at December 31, 2019 (Tab 4, Page 2, Column 14, Line 8). FEI forecasts 24.1 TJ will remain in inventory at December 31, 2019, the inventory balance will remain in the BVA at the proposed January 1, 2020 BERC rate of \$10.535 for a total of \$185 thousand. The BVA balance of \$2,350 thousand less \$185 thousand for the unsold biomethane is \$2,165 thousand and is forecast to transfer to the BVA Rate Rider account at year-end (Tab 4, Page 2, Column 14, Line 11).

FEI will continue to monitor the notional biomethane inventory balance and will re-evaluate the projected supply and demand for biomethane annually. In order to maintain a balance between demand and supply, FEI may consider the further purchase of carbon offsets and notionally transfer conventional natural gas into the BVA when inventory is in a deficit balance.

The monthly deferral account activity and balances for the BVA are shown on the schedules provided at Tab 4, Pages 1 and 2 – the schedule at Page 1 displays energy quantities, and the schedule at Page 2 displays dollar amounts. The schedule at Tab 4, Page 3 provides a breakdown of the monthly actual and forecast biomethane recoveries by rate class. The schedules at Tab 4, Pages 4C to 6C provide a breakdown of the monthly actual and forecast biomethane supply costs by project.

The schedule at Tab 4, Page 7 provides the monthly biomethane inventory change since January 2018, as well as the age of biomethane inventory sold each month as determined on a first in, first out basis.

FEI requests the information contained within Tab 4, Pages 4C, 5C, and 6C to be treated as CONFIDENTIAL.

CONFIDENTIALITY

FEI is requesting that this information be filed on a confidential basis pursuant to Section 18 of the BCUC's Rules of Practice and Procedure regarding confidential documents adopted by Order G-15-19, and Section 71(5) of the Utilities Commission Act and requests that the BCUC exercise its discretion under Section 6.0 of the Rules for Natural Gas Energy Supply Contracts and allow these documents to remain confidential. FEI believes this will ensure that market sensitive information is protected, and FEI's ability to obtain favorable commercial terms for future natural gas contracting is not impaired.

In this regard, FEI further believes that the Core Market could be disadvantaged and may well shoulder incremental costs if utility gas supply procurement strategies as well as contracts are treated in a different manner than those of other gas purchasers, and believes that since it continues to operate within a competitive environment, there is no necessity for public disclosure and risk prejudice or influence in the negotiations or renegotiation of subsequent contracts.

Summary

The Company requests BCUC approval of the following, effective January 1, 2020:

- Approval for the Commodity Cost Recovery Charge within the Mainland and Vancouver Island service area to remain unchanged from the current rate of \$1.549/GJ.
- Approval to flow-through changes to the Storage and Transport Charges, applicable to all affected sales rate classes and Rate Schedule 46 LNG Service within the

Mainland and Vancouver Island service area, as set out in the schedule at Tab 2, Page 7.

- Approval to set MCRA Rate Rider 6, applicable to all affected sales rate classes and Rate Schedule 46 LNG Service within the Mainland and Vancouver Island service area, as set out in the schedule at Tab 2, Page 7.
- Approval of the Short Term BERC Rate to increase from \$10.287/GJ to \$10.535/GJ, applicable to all biomethane rate schedules within the Mainland and Vancouver Island service area.
- Approval of the Long Term BERC Rate to remain unchanged at \$10.00/GJ, based on a \$1.00 discount to the Short Term BERC Rate and subject to a \$10.00/GJ Minimum Contract Strike Price.

For comparative purposes, FEI provides at Tabs 5 and 6 the tariff continuity and bill impact schedules of all sales rate classes and Rate Schedule 46 LNG Service for the Mainland and Vancouver Island service area. The tariff continuity schedules in Tab 5 also include FEI's proposed increase to the propane reference price, as filed in the FEI 2019 Fourth Quarter Gas Cost Report for Revelstoke dated November 20, 2019. These schedules have been prepared showing the combined effects of FEI's proposed interim delivery rates and delivery rate riders effective January 1, 2020¹, the proposed Storage and Transport Charges, MCRA Rate Rider 6, and BERC Rate, as requested within the Fourth Quarter Report, to be effective January 1, 2020. As a result, the annual bill for

- a typical Mainland and Vancouver Island Rate Schedule 1 residential customer with an average annual consumption of 90 GJ will decrease by approximately \$18 or 2.2%.
- a typical Mainland and Vancouver Island Biomethane Service Rate Schedule 1 residential customer with an average annual consumption 90 GJ, based on a defined ratio of 10% biomethane, will decrease by approximately \$15 or 1.7%.

FEI will continue to monitor the forward prices, and will report CCRA and MCRA balances in its 2020 First Quarter Gas Cost Report.

¹ FEI Application for Approval of 2020 Rates on an Interim Basis, effective January 1, 2020, and FEI Application for Approval of the Biomethane Variance Account and the Revenue Stabilization Adjustment Mechanism Rate Riders effective January 1, 2020.

We trust the BCUC will find the attached to be in order. However, should any further information be required, please contact Gurvinder Sidhu at 604-592-7675.

Sincerely,

FORTISBC ENERGY INC.

Original signed:

Doug Slater

Attachments

FORTISBC ENERGY INC. - MAINLAND AND VANCOUVER ISLAND SERVICE AREA
CCRA MONTHLY BALANCES AT EXISTING RATES (AFTER ADJUSTMENTS FOR ENERGY DIFFERENCES)
FOR THE FORECAST PERIOD FROM JAN 2020 TO DEC 2021
FIVE-DAY AVERAGE FORWARD PRICES - NOV 5, 6, 7, 8, AND 12, 2019
\$(Millions)

Tab 1

Page 1

Line No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
		Recorded Jan-19	Recorded Feb-19	Recorded Mar-19	Recorded Apr-19	Recorded May-19	Recorded Jun-19	Recorded Jul-19	Recorded Aug-19	Recorded Sep-19	Recorded Oct-19	Projected Nov-19	Projected Dec-19	Jan-19 to Dec-19
1	CCRA Balance - Beginning (Pre-tax) ^(a)	\$ (13)	\$ (7)	\$ (2)	\$ 9	\$ 4	\$ (2)	\$ (11)	\$ (20)	\$ (26)	\$ (33)	\$ (35)	\$ (30)	\$ (13)
2	Gas Costs Incurred	24	21	28	13	11	8	8	12	10	15	23	30	203
3	Revenue from APPROVED Recovery Rate	(17)	(16)	(17)	(17)	(18)	(17)	(18)	(18)	(17)	(18)	(18)	(19)	(209)
4	CCRA Balance - Ending (Pre-tax) ^(b)	\$ (7)	\$ (2)	\$ 9	\$ 4	\$ (2)	\$ (11)	\$ (20)	\$ (26)	\$ (33)	\$ (35)	\$ (30)	\$ (22)	\$ (22)
5	Tax Rate	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%
6	CCRA Balance - Ending (After-tax) ^(c)	\$ (5)	\$ (2)	\$ 6	\$ 3	\$ (1)	\$ (8)	\$ (15)	\$ (19)	\$ (24)	\$ (26)	\$ (22)	\$ (16)	\$ (16)
7														
8														
9														
10		Forecast Jan-20	Forecast Feb-20	Forecast Mar-20	Forecast Apr-20	Forecast May-20	Forecast Jun-20	Forecast Jul-20	Forecast Aug-20	Forecast Sep-20	Forecast Oct-20	Forecast Nov-20	Forecast Dec-20	Jan-20 to Dec-20
11	CCRA Balance - Beginning (Pre-tax) ^(a)	\$ (22)	\$ (12)	\$ (2)	\$ 2	\$ 3	\$ 2	\$ 1	\$ 0	\$ 0	\$ (0)	\$ 2	\$ 7	\$ (22)
12	Gas Costs Incurred	30	27	24	19	18	18	18	19	18	21	23	27	262
13	Revenue from EXISTING Recovery Rates	(19)	(18)	(19)	(18)	(19)	(18)	(19)	(19)	(18)	(19)	(18)	(19)	(226)
14	CCRA Balance - Ending (Pre-tax) ^(b)	\$ (12)	\$ (2)	\$ 2	\$ 3	\$ 2	\$ 1	\$ 0	\$ 0	\$ (0)	\$ 2	\$ 7	\$ 14	\$ 14
15	Tax Rate	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%
16	CCRA Balance - Ending (After-tax) ^(c)	\$ (9)	\$ (2)	\$ 2	\$ 2	\$ 1	\$ 1	\$ 0	\$ 0	\$ (0)	\$ 1	\$ 5	\$ 10	\$ 10
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29	CCRA Balance - Beginning (Pre-tax) ^(a)	\$ 14	\$ 24	\$ 31	\$ 36	\$ 38	\$ 39	\$ 41	\$ 44	\$ 47	\$ 49	\$ 54	\$ 60	\$ 14
30	Gas Costs Incurred	29	25	25	20	21	21	22	23	22	24	25	29	286
31	Revenue from EXISTING Recovery Rates	(20)	(18)	(20)	(19)	(20)	(19)	(20)	(20)	(19)	(20)	(19)	(20)	(231)
32	CCRA Balance - Ending (Pre-tax) ^(b)	\$ 24	\$ 31	\$ 36	\$ 38	\$ 39	\$ 41	\$ 44	\$ 47	\$ 49	\$ 54	\$ 60	\$ 69	\$ 69
33	Tax Rate	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%
34	CCRA Balance - Ending (After-tax) ^(c)	\$ 17	\$ 23	\$ 26	\$ 27	\$ 28	\$ 30	\$ 32	\$ 34	\$ 36	\$ 39	\$ 44	\$ 50	\$ 50
35														
36														

Notes:

(a) Pre-tax opening balances are restated based on current income tax rates, to reflect grossed-up after tax amounts.

(b) For rate setting purposes CCRA pre-tax balances include grossed-up projected deferred interest of approximately \$2.5 million credit as at December 31, 2019.

(c) For rate setting purposes CCRA after-tax balances are independently grossed-up to reflect pre-tax amounts.

Slight differences in totals due to rounding.

FORTISBC ENERGY INC. - MAINLAND AND VANCOUVER ISLAND SERVICE AREA
CCRA RATE CHANGE TRIGGER MECHANISM
FOR THE FORECAST PERIOD JAN 2020 TO DEC 2020
FIVE-DAY AVERAGE FORWARD PRICES - NOV 5, 6, 7, 8, AND 12, 2019

Tab 1
Page 2

Line No.	Particulars	Pre-Tax (\$Millions)	Forecast Energy (TJ)	Percentage	Unit Cost (\$/GJ)	Reference / Comment
	(1)	(2)	(3)	(4)	(5)	(6)
1	<u>CCRA RATE CHANGE TRIGGER RATIO</u>					
2	(a)					
3	Projected Deferral Balance at Jan 1, 2020	\$ (22.3)				(Tab 1, Page 1, Col.14, Line 16)
4	Forecast Incurred Gas Costs - Jan 2020 to Dec 2020	\$ 262.0				(Tab 1, Page 1, Col.14, Line 17)
5	Forecast Recovery Gas Costs at Existing Recovery Rate - Jan 2020 to Dec 2020	\$ 225.6				(Tab 1, Page 1, Col.14, Line 18)
6						
7	CCRA = Forecast Recovered Gas Costs (Line 5)	= \$ 225.6		= 94.1%		
8	Ratio Forecast Incurred Gas Costs (Line 4) + Projected CCRA Balance (Line 3)	\$ 239.7				Outside 95% to 105% deadband
9						
10						
11						
12						
13	<u>Existing Cost of Gas (Commodity Cost Recovery Rate), effective January 1, 2018</u>				\$ 1.549	
14						
15						
16						
17						
18	<u>CCRA RATE CHANGE THRESHOLD (+/- \$0.50/GJ)</u>					
19	(c)					
20	Forecast 12-month CCRA Baseload - Jan 2020 to Dec 2020		145,657			(Tab1, Page 7, Col.5, Line 11)
21	(a)					
22	Projected Deferral Balance at Jan 1, 2020	\$ (22.3)			\$ (0.1531) ^(b)	
23	Forecast 12-month CCRA Activities - Jan 2020 to Dec 2020	\$ 36.4			\$ 0.2500 ^(b)	
24	(Over) / Under Recovery at Existing Rate	\$ 14.1				(Line 3 + Line 4 - Line 5)
25						
26	Tested Rate (Decrease) / Increase				\$ 0.097 ^(b)	Within minimum +/- \$0.50/GJ threshold

Notes:

- (a) Pre-tax opening balances are restated based on current income tax rates, to reflect grossed-up after tax amounts.
(b) Commodity cost recovery rate in tariff is set at 3 decimal places. Individual rate components are shown to 4 decimals places.
(c) The energy demand forecast incorporates the Transportation Service customers returning to FEI's bundled service effective November 1, 2019.

Slight differences in totals due to rounding.

FORTISBC ENERGY INC. - MAINLAND AND VANCOUVER ISLAND SERVICE AREA
MCRA MONTHLY BALANCES AT EXISTING RATES (AFTER ADJUSTMENTS FOR ENERGY DIFFERENCES)
FOR THE FORECAST PERIOD FROM JAN 2020 TO DEC 2021
FIVE-DAY AVERAGE FORWARD PRICES - NOV 5, 6, 7, 8, AND 12, 2019

Tab 1
Page 3

Line No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
		Recorded Jan-19	Recorded Feb-19	Recorded Mar-19	Recorded Apr-19	Recorded May-19	Recorded Jun-19	Recorded Jul-19	Recorded Aug-19	Recorded Sep-19	Recorded Oct-19	Projected Nov-19	Projected Dec-19	Total 2019
1	MCRA Balance - Beginning (Pre-tax) ^(a)	\$ (6)	\$ (13)	\$ 7	\$ 16	\$ 8	\$ 9	\$ 14	\$ 17	\$ 18	\$ 15	\$ 10	\$ 2	\$ (6)
4	2019 MCRA Activities													
5	Rate Rider 6													
6	Amount to be amortized in 2019 ^(d)	\$ (3)												
7	Rider 6 Amortization at APPROVED 2019 Rates	\$ 1	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3
8	Midstream Base Rates													
9	Gas Costs Incurred	\$ 34	\$ 71	\$ 39	\$ 4	\$ (1)	\$ (0)	\$ (4)	\$ (6)	\$ (7)	\$ 12	\$ 22	\$ 27	\$ 192
10	Revenue from APPROVED Recovery Rates	(42)	(51)	(31)	(12)	2	5	6	7	4	(17)	(30)	(44)	(203)
11	Total Midstream Base Rates (Pre-tax)	\$ (8)	\$ 20	\$ 8	\$ (8)	\$ 1	\$ 5	\$ 2	\$ 1	\$ (3)	\$ (5)	\$ (8)	\$ (16)	\$ (11)
12														
13	MCRA Cumulative Balance - Ending (Pre-tax) ^(b)	\$ (13)	\$ 7	\$ 16	\$ 8	\$ 9	\$ 14	\$ 17	\$ 18	\$ 15	\$ 10	\$ 2	\$ (19)	\$ (19)
14	Tax Rate	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%
15														
16	MCRA Cumulative Balance - Ending (After-tax) ^(c)	\$ (10)	\$ 5	\$ 12	\$ 6	\$ 7	\$ 11	\$ 12	\$ 13	\$ 11	\$ 7	\$ 2	\$ (14)	\$ (14)
17														
18														
19		Forecast Jan-20	Forecast Feb-20	Forecast Mar-20	Forecast Apr-20	Forecast May-20	Forecast Jun-20	Forecast Jul-20	Forecast Aug-20	Forecast Sep-20	Forecast Oct-20	Forecast Nov-20	Forecast Dec-20	Total 2020
20														
21	MCRA Balance - Beginning (Pre-tax) ^(a)	\$ (19)	\$ (35)	\$ (46)	\$ (55)	\$ (61)	\$ (61)	\$ (59)	\$ (55)	\$ (54)	\$ (53)	\$ (56)	\$ (63)	\$ (19)
22	2020 MCRA Activities													
23	Rate Rider 6													
24														
25	Rider 6 Amortization at APPROVED 2019 Rates	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3
26	Midstream Base Rates													
27	Gas Costs Incurred	\$ 31	\$ 27	\$ 23	\$ 11	\$ 3	\$ (1)	\$ (3)	\$ (6)	\$ (2)	\$ 9	\$ 25	\$ 34	\$ 150
28	Revenue from EXISTING Recovery Rates	(48)	(38)	(32)	(18)	(2)	3	7	7	3	(12)	(33)	(47)	(211)
29	Total Midstream Base Rates (Pre-tax)	\$ (17)	\$ (11)	\$ (9)	\$ (6)	\$ 0	\$ 2	\$ 3	\$ 1	\$ 1	\$ (3)	\$ (8)	\$ (13)	\$ (61)
30														
31	MCRA Cumulative Balance - Ending (Pre-tax) ^(b)	\$ (35)	\$ (46)	\$ (55)	\$ (61)	\$ (61)	\$ (59)	\$ (55)	\$ (54)	\$ (53)	\$ (56)	\$ (63)	\$ (76)	\$ (76)
32	Tax Rate	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%
33														
34	MCRA Cumulative Balance - Ending (After-tax) ^(c)	\$ (26)	\$ (34)	\$ (40)	\$ (45)	\$ (44)	\$ (43)	\$ (40)	\$ (40)	\$ (39)	\$ (41)	\$ (46)	\$ (56)	\$ (56)
35														
36														
37		Forecast Jan-21	Forecast Feb-21	Forecast Mar-21	Forecast Apr-21	Forecast May-21	Forecast Jun-21	Forecast Jul-21	Forecast Aug-21	Forecast Sep-21	Forecast Oct-21	Forecast Nov-21	Forecast Dec-21	Total 2021
38														
39	MCRA Balance - Beginning (Pre-tax) ^(a)	\$ (76)	\$ (89)	\$ (96)	\$ (103)	\$ (108)	\$ (108)	\$ (107)	\$ (105)	\$ (105)	\$ (105)	\$ (107)	\$ (113)	\$ (76)
40	2021 MCRA Activities													
41	Rate Rider 6													
42														
43	Rider 6 Amortization at APPROVED 2019 Rates	\$ 1	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1	\$ 3
44	Midstream Base Rates													
45	Gas Costs Incurred	\$ 36	\$ 31	\$ 25	\$ 12	\$ 2	\$ (2)	\$ (5)	\$ (8)	\$ (3)	\$ 9	\$ 27	\$ 37	\$ 163
46	Revenue from EXISTING Recovery Rates	(49)	(39)	(32)	(18)	(3)	3	7	7	3	(12)	(33)	(48)	(215)
47	Total Midstream Base Rates (Pre-tax)	\$ (13)	\$ (8)	\$ (7)	\$ (5)	\$ (0)	\$ 1	\$ 2	\$ (1)	\$ 1	\$ (3)	\$ (7)	\$ (12)	\$ (52)
48														
49	MCRA Cumulative Balance - Ending (Pre-tax) ^(b)	\$ (89)	\$ (96)	\$ (103)	\$ (108)	\$ (108)	\$ (107)	\$ (105)	\$ (105)	\$ (105)	\$ (107)	\$ (113)	\$ (124)	\$ (124)
50	Tax Rate	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%
51														
52	MCRA Cumulative Balance - Ending (After-tax) ^(c)	\$ (65)	\$ (70)	\$ (75)	\$ (79)	\$ (79)	\$ (78)	\$ (77)	\$ (77)	\$ (76)	\$ (78)	\$ (83)	\$ (91)	\$ (91)

Notes:

- (a) Pre-tax opening balances are restated based on current income tax rates, to reflect grossed-up after tax amounts.
(b) For rate setting purposes MCRA pre-tax balances include grossed-up projected deferred interest of approximately \$5.3 million credit as at December 31, 2019.
(c) For rate setting purposes MCRA after-tax balances are independently grossed-up to reflect pre-tax amounts.
(d) BCUC Order G-230-18 approved the 1/2 projected MCRA cumulative balance at December 31, 2018 to be amortized into 2019 midstream rates, via Rider 6, as filed in the FEI 2018 Fourth Quarter Gas Cost Report.

Slight differences in totals due to rounding.

FORTISBC ENERGY INC. - MAINLAND AND VANCOUVER ISLAND SERVICE AREA
SUMAS INDEX FORECAST FOR THE PERIOD ENDING DEC 2021
AND US DOLLAR EXCHANGE RATE FORECAST UPDATE

Tab 1
Page 4.1

Line No	Particulars	Five-day Average Forward Prices - Nov 5, 6, 7, 8, and 12, 2019 2019 Q4 Gas Cost Report	Five-day Average Forward Prices - Aug 20, 21, 22, 23, and 26, 2019 2019 Q3 Gas Cost Report	Change in Forward Price
	(1)	(2)	(3)	(4) = (2) - (3)
1	SUMAS Index Prices - presented in \$US/MMBtu			
2				
3	2019 July	↑ \$ 2.14	Recorded \$ 2.14	\$ -
4	August	\$ 2.19	Forecast \$ 2.21	\$ (0.02)
5	September	\$ 1.90	\$ 1.74	\$ 0.16
6	October	Recorded \$ 2.53	\$ 1.75	\$ 0.78
7	November	Forecast \$ 3.41	\$ 1.94	\$ 1.47
8	December	\$ 3.84	\$ 3.23	\$ 0.62
9	2020 January	↓ \$ 3.59	\$ 2.89	\$ 0.70
10	February	\$ 3.27	\$ 2.87	\$ 0.41
11	March	\$ 2.45	\$ 2.90	\$ (0.45)
12	April	\$ 1.65	\$ 1.73	\$ (0.08)
13	May	\$ 1.53	\$ 1.52	\$ 0.01
14	June	\$ 1.71	\$ 1.41	\$ 0.30
15	July	\$ 1.81	\$ 1.70	\$ 0.10
16	August	\$ 1.81	\$ 1.76	\$ 0.05
17	September	\$ 1.75	\$ 1.74	\$ 0.01
18	October	\$ 2.76	\$ 1.66	\$ 1.10
19	November	\$ 2.97	\$ 2.46	\$ 0.51
20	December	\$ 3.03	\$ 2.62	\$ 0.41
21	2021 January	\$ 2.95	\$ 2.73	\$ 0.22
22	February	\$ 2.85	\$ 2.70	\$ 0.14
23	March	\$ 1.97	\$ 2.69	\$ (0.72)
24	April	\$ 1.62	\$ 1.66	\$ (0.04)
25	May	\$ 1.50	\$ 1.45	\$ 0.05
26	June	\$ 1.68	\$ 1.33	\$ 0.35
27	July	\$ 1.77	\$ 1.62	\$ 0.15
28	August	\$ 1.78	\$ 1.68	\$ 0.10
29	September	\$ 1.71	\$ 1.67	\$ 0.04
30	October	\$ 2.65		
31	November	\$ 2.87		
32	December	\$ 2.94		
33				
34	Simple Average (Jan 2020 - Dec 2020)	\$ 2.36	\$ 2.11	12.2% \$ 0.26
35	Simple Average (Apr 2020 - Mar 2021)	\$ 2.23	\$ 2.06	8.3% \$ 0.17
36	Simple Average (Jul 2020 - Jun 2021)	\$ 2.22	\$ 2.04	8.9% \$ 0.18
37	Simple Average (Oct 2020 - Sep 2021)	\$ 2.22	\$ 2.02	9.5% \$ 0.19
38	Simple Average (Jan 2021 - Dec 2021)	\$ 2.19		

Conversation Factors

1 MMBtu = 1.055056 GJ

Morningstar Average Exchange Rate (\$1US=\$x.xxxCDN)

<u>Forecast Jan 2020 - Dec 2020</u>	<u>Forecast Oct 2019 - Sep 2020</u>	
\$ 1.3189	\$ 1.3270	-0.6% \$ (0.0081)

FORTISBC ENERGY INC. - MAINLAND AND VANCOUVER ISLAND SERVICE AREA
SUMAS INDEX FORECAST FOR THE PERIOD ENDING DEC 2021

Tab 1
Page 4.2

Line No	Particulars	Five-day Average Forward Prices - Nov 5, 6, 7, 8, and 12, 2019 2019 Q4 Gas Cost Report	Five-day Average Forward Prices - Aug 20, 21, 22, 23, and 26, 2019 2019 Q3 Gas Cost Report	Change in Forward Price (4) = (2) - (3)
	(1)	(2)	(3)	
1	SUMAS Index Prices - presented in \$CDN/GJ			
2				
3	2019			
4	July	↑ \$ 2.65	Recorded \$ 2.65	\$ -
5	August	\$ 2.73	Forecast \$ 2.76	\$ (0.03)
6	September	\$ 2.39	\$ 2.19	\$ 0.21
7	October	\$ 3.18	\$ 2.20	\$ 0.97
8	November	\$ 4.25	\$ 2.44	\$ 1.81
9	December	\$ 4.81	\$ 4.06	\$ 0.74
10	2020			
11	January	↓ \$ 4.49	\$ 3.64	\$ 0.85
12	February	\$ 4.09	\$ 3.61	\$ 0.49
13	March	\$ 3.06	\$ 3.64	\$ (0.58)
14	April	\$ 2.07	\$ 2.18	\$ (0.11)
15	May	\$ 1.91	\$ 1.91	\$ (0.00)
16	June	\$ 2.14	\$ 1.77	\$ 0.37
17	July	\$ 2.26	\$ 2.14	\$ 0.12
18	August	\$ 2.27	\$ 2.21	\$ 0.05
19	September	\$ 2.18	\$ 2.19	\$ (0.01)
20	October	\$ 3.45	\$ 2.09	\$ 1.36
21	November	\$ 3.71	\$ 3.09	\$ 0.62
22	December	\$ 3.79	\$ 3.29	\$ 0.50
23	2021			
24	January	\$ 3.68	\$ 3.43	\$ 0.25
25	February	\$ 3.56	\$ 3.40	\$ 0.16
26	March	\$ 2.46	\$ 3.38	\$ (0.92)
27	April	\$ 2.03	\$ 2.09	\$ (0.06)
28	May	\$ 1.87	\$ 1.82	\$ 0.05
29	June	\$ 2.10	\$ 1.67	\$ 0.43
30	July	\$ 2.21	\$ 2.03	\$ 0.18
31	August	\$ 2.22	\$ 2.11	\$ 0.11
32	September	\$ 2.14	\$ 2.10	\$ 0.04
33	October	\$ 3.31		
34	November	\$ 3.58		
35	December	\$ 3.69		
36	Simple Average (Jan 2020 - Dec 2020)	\$ 2.95	\$ 2.65	11.5% \$ 0.31
37	Simple Average (Apr 2020 - Mar 2021)	\$ 2.79	\$ 2.59	7.7% \$ 0.20
38	Simple Average (Jul 2020 - Jun 2021)	\$ 2.78	\$ 2.57	8.3% \$ 0.21
	Simple Average (Oct 2020 - Sep 2021)	\$ 2.77	\$ 2.54	8.9% \$ 0.23
	Simple Average (Jan 2021 - Dec 2021)	\$ 2.74		

Conversion Factors

1 MMBtu = 1.055056 GJ

Morningstar Average Exchange Rate (\$1US=\$x.xxxCDN)

Forecast Jan 2020 - Dec 2020	Forecast Oct 2019 - Sep 2020	
\$ 1.3189	\$ 1.3270	-0.6% \$ (0.0081)

FORTISBC ENERGY INC. - MAINLAND AND VANCOUVER ISLAND SERVICE AREA
AECO INDEX FORECAST FOR THE PERIOD ENDING DEC 2021

Tab 1
Page 5

Line No	Particulars	Five-day Average Forward Prices - Nov 5, 6, 7, 8, and 12, 2019 2019 Q4 Gas Cost Report	Five-day Average Forward Prices - Aug 20, 21, 22, 23, and 26, 2019 2019 Q3 Gas Cost Report	Change in Forward Price (4) = (2) - (3)
	(1)	(2)	(3)	
1	AECO Index Prices - \$CDN/GJ			
2				
3	2019			
4	July	↑ \$ 0.66	Recorded \$ 0.66	\$ -
5	August	\$ 1.12	Forecast \$ 1.11	\$ 0.01
6	September	\$ 1.19	\$ 1.25	\$ (0.06)
7	October	Recorded \$ 1.66	↓ \$ 1.54	\$ 0.12
8	November	\$ 2.32	\$ 1.66	\$ 0.66
9	December	\$ 2.48	\$ 1.96	\$ 0.52
10	2020			
11	January	↓ \$ 2.40	\$ 2.07	\$ 0.33
12	February	\$ 2.33	\$ 2.04	\$ 0.29
13	March	\$ 1.90	\$ 1.72	\$ 0.18
14	April	\$ 1.68	\$ 1.50	\$ 0.18
15	May	\$ 1.60	\$ 1.45	\$ 0.15
16	June	\$ 1.58	\$ 1.39	\$ 0.19
17	July	\$ 1.57	\$ 1.44	\$ 0.13
18	August	\$ 1.61	\$ 1.44	\$ 0.17
19	September	\$ 1.63	\$ 1.47	\$ 0.15
20	October	\$ 1.73	\$ 1.58	\$ 0.15
21	November	\$ 1.85	\$ 1.64	\$ 0.21
22	December	\$ 2.06	\$ 1.87	\$ 0.20
23	2021			
24	January	\$ 2.21	\$ 1.96	\$ 0.24
25	February	\$ 2.14	\$ 1.93	\$ 0.21
26	March	\$ 1.92	\$ 1.81	\$ 0.11
27	April	\$ 1.66	\$ 1.49	\$ 0.17
28	May	\$ 1.65	\$ 1.48	\$ 0.17
29	June	\$ 1.68	\$ 1.51	\$ 0.18
30	July	\$ 1.76	\$ 1.58	\$ 0.18
31	August	\$ 1.77	\$ 1.59	\$ 0.17
32	September	\$ 1.76	\$ 1.59	\$ 0.17
33	October	\$ 1.85		
34	November	\$ 1.95		
35	December	\$ 2.17		
36	<i>Simple Average (Jan 2020 - Dec 2020)</i>	\$ 1.83	\$ 1.63	11.9% \$ 0.19
37	<i>Simple Average (Apr 2020 - Mar 2021)</i>	\$ 1.80	\$ 1.62	10.7% \$ 0.17
38	<i>Simple Average (Jul 2020 - Jun 2021)</i>	\$ 1.81	\$ 1.64	10.6% \$ 0.17
39	<i>Simple Average (Oct 2020 - Sep 2021)</i>	\$ 1.85	\$ 1.67	10.7% \$ 0.18
40	<i>Simple Average (Jan 2021 - Dec 2021)</i>	\$ 1.88		

FORTISBC ENERGY INC. - MAINLAND AND VANCOUVER ISLAND SERVICE AREA
STATION 2 INDEX FORECAST FOR THE PERIOD ENDING DEC 2021

Tab 1
Page 6

		Five-day Average Forward Prices - Nov 5, 6, 7, 8, and 12, 2019		Five-day Average Forward Prices - Aug 20, 21, 22, 23, and 26, 2019		Change in Forward Price	
Line No	Particulars		2019 Q3 Gas Cost Report		2019 Q3 Gas Cost Report		
	(1)		(2)		(3)		(4) = (2) - (3)
1	Station 2 Index Prices - \$CDN/GJ						
2							
3	2019	July	↑	\$ 0.61	Recorded Forecast	\$ 0.61	\$ -
4		August		\$ 0.72		\$ 0.74	\$ (0.02)
5		September		\$ 0.92		\$ 0.86	\$ 0.06
6		October		\$ 0.95		\$ 1.34	\$ (0.39)
7		November	Recorded Forecast	\$ 1.25	↓	\$ 1.56	\$ (0.31)
8		December		\$ 1.91		\$ 1.94	\$ (0.03)
9	2020	January		\$ 2.10		\$ 2.03	\$ 0.07
10		February		\$ 2.13		\$ 2.00	\$ 0.13
11		March	↓	\$ 1.67		\$ 1.63	\$ 0.04
12		April		\$ 1.40		\$ 1.30	\$ 0.10
13		May		\$ 1.31		\$ 1.25	\$ 0.06
14		June		\$ 1.29		\$ 1.19	\$ 0.09
15		July		\$ 1.30		\$ 1.26	\$ 0.04
16		August		\$ 1.34		\$ 1.26	\$ 0.08
17		September		\$ 1.36		\$ 1.29	\$ 0.06
18		October		\$ 1.46		\$ 1.40	\$ 0.06
19		November		\$ 1.74		\$ 1.53	\$ 0.20
20		December		\$ 1.95		\$ 1.76	\$ 0.20
21	2021	January		\$ 2.11		\$ 1.87	\$ 0.24
22		February		\$ 2.04		\$ 1.83	\$ 0.21
23		March		\$ 1.82		\$ 1.71	\$ 0.11
24		April		\$ 1.58		\$ 1.41	\$ 0.17
25		May		\$ 1.57		\$ 1.40	\$ 0.17
26		June		\$ 1.60		\$ 1.42	\$ 0.18
27		July		\$ 1.67		\$ 1.50	\$ 0.18
28		August		\$ 1.68		\$ 1.51	\$ 0.17
29		September		\$ 1.67		\$ 1.51	\$ 0.17
30		October		\$ 1.76			
31		November		\$ 1.85			
32		December		\$ 2.07			
33							
34	Simple Average (Jan 2020 - Dec 2020)			\$ 1.59		\$ 1.49	6.4% \$ 0.09
35	Simple Average (Apr 2020 - Mar 2021)			\$ 1.59		\$ 1.47	8.3% \$ 0.12
36	Simple Average (Jul 2020 - Jun 2021)			\$ 1.65		\$ 1.51	9.5% \$ 0.14
37	Simple Average (Oct 2020 - Sep 2021)			\$ 1.74		\$ 1.57	10.9% \$ 0.17
38	Simple Average (Jan 2021 - Dec 2021)			\$ 1.79			

FORTISBC ENERGY INC. - MAINLAND AND VANCOUVER ISLAND SERVICE AREA
GAS BUDGET COST SUMMARY FOR THE FORECAST PERIOD JAN 2020 TO DEC 2020
FIVE-DAY AVERAGE FORWARD PRICES - NOV 5, 6, 7, 8, AND 12, 2019

Tab 1
Page 7

No.	Particulars	Costs (\$000)		Quantities (TJ)		Unit Cost (\$/GJ)	Reference / Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	CCRA						
2	<u>Commodity</u>						
3	STN 2	\$	192,896		114,487	\$ 1.685	
4	AECO		67,457		36,888	\$ 1.829	
5	Huntingdon		-		-		
6	Commodity Costs before Hedging		<u>\$ 260,353</u>		<u>151,375</u>	\$ 1.720	incl. Receipt Point Fuel 2019/20 Percentages Amendment.
7	Mark to Market Hedges Cost / (Gain)		93		-		
8	Subtotal Commodity Purchased	\$	260,445		151,375	\$ 1.721	
9	Core Market Administration Costs		1,594		-		
10	Fuel Gas Provided to Midstream				<u>(5,717)</u>		
11	Total CCRA Baseload				145,657		
12	Total CCRA Costs	\$	262,039			\$ 1.799	Commodity available for sale average unit cost
13							
14							
15	MCRA						
16	<u>Midstream Commodity Related Costs</u>						
17	Midstream Commodity before Hedging	\$	78,519		30,547	\$ 2.570	
18	Mark to Market Hedges Cost / (Gain)		127		-		
19	Imbalance		-		-		
20	Company Use Gas Recovered from O&M		(5,029)		(701)		
21	Injections into Storage	\$	(48,803)		(30,716)	\$ 1.589	
22	Withdrawals from Storage		<u>43,746</u>		<u>31,106</u>	\$ 1.406	
23	Storage Withdrawal / (Injection) Activity		(5,057)		390		
24	Total Midstream Commodity Related Costs	\$	68,560		30,236	\$ 2.267	
25							
26	<u>Storage Related Costs</u>						
27	Storage Demand - Third Party Storage	\$	38,270				
28	On-System Storage - Mt. Hayes (LNG)		<u>18,936</u>				
29	Total Storage Related Costs		57,205				
30							
31	<u>Transport Related Costs</u>		161,704				
32							
33	<u>Mitigation</u>						
34	Commodity Mitigation	\$	(74,393)		(27,975)		
35	Storage Mitigation		-				
36	Transportation Mitigation		<u>(67,865)</u>				
37	Total Mitigation		(142,258)				
38							
39	<u>GSMIP Incentive Sharing</u>		1,000				
40							
41	<u>Core Market Administration Costs</u>		3,719				
42							
43	Net Transportation Fuels ^(a)				(521)		
44	UAF (Sales and T-Service) ^(b)				<u>(1,740)</u>		
45	<u>UAF & Net Transportation Fuels</u>				(2,261)		
46							
47	Net MCRA Commodity (Lines 24, 34 & 45)				<u>-</u>		
48	Total MCRA Costs (Lines 24, 29, 31, 37, 39, & 41)	\$	149,931			\$ 1.003	Midstream average unit cost
49	Total Sales Quantities for RS1 to RS7				149,451		
50	Total Forecast Gas Costs (Lines 12 & 48)	\$	411,970				reference to Tab 1, Page 8, Line 11, Col. 3

Notes: (a) Net Transportation Fuel is the difference between fuel gas collected from Commodity Providers and the fuel gas consumed.

(b) The total cost of UAF (Sales Rate Classes and T-Service) is included as a component of gas purchased. Sales UAF costs are recovered via gas cost recovery rates.

As the T-Service UAF costs are recovered via delivery revenues, they are excluded from the storage and transport rate flow-through calculation.

Slight differences in totals due to rounding.

FORTISBC ENERGY INC. - MAINLAND AND VANCOUVER ISLAND SERVICE AREA
RECONCILIATION OF GAS COST INCURRED
FOR THE FORECAST PERIOD JAN 2020 TO DEC 2020
FIVE-DAY AVERAGE FORWARD PRICES - NOV 5, 6, 7, 8, AND 12, 2019
\$(Millions)

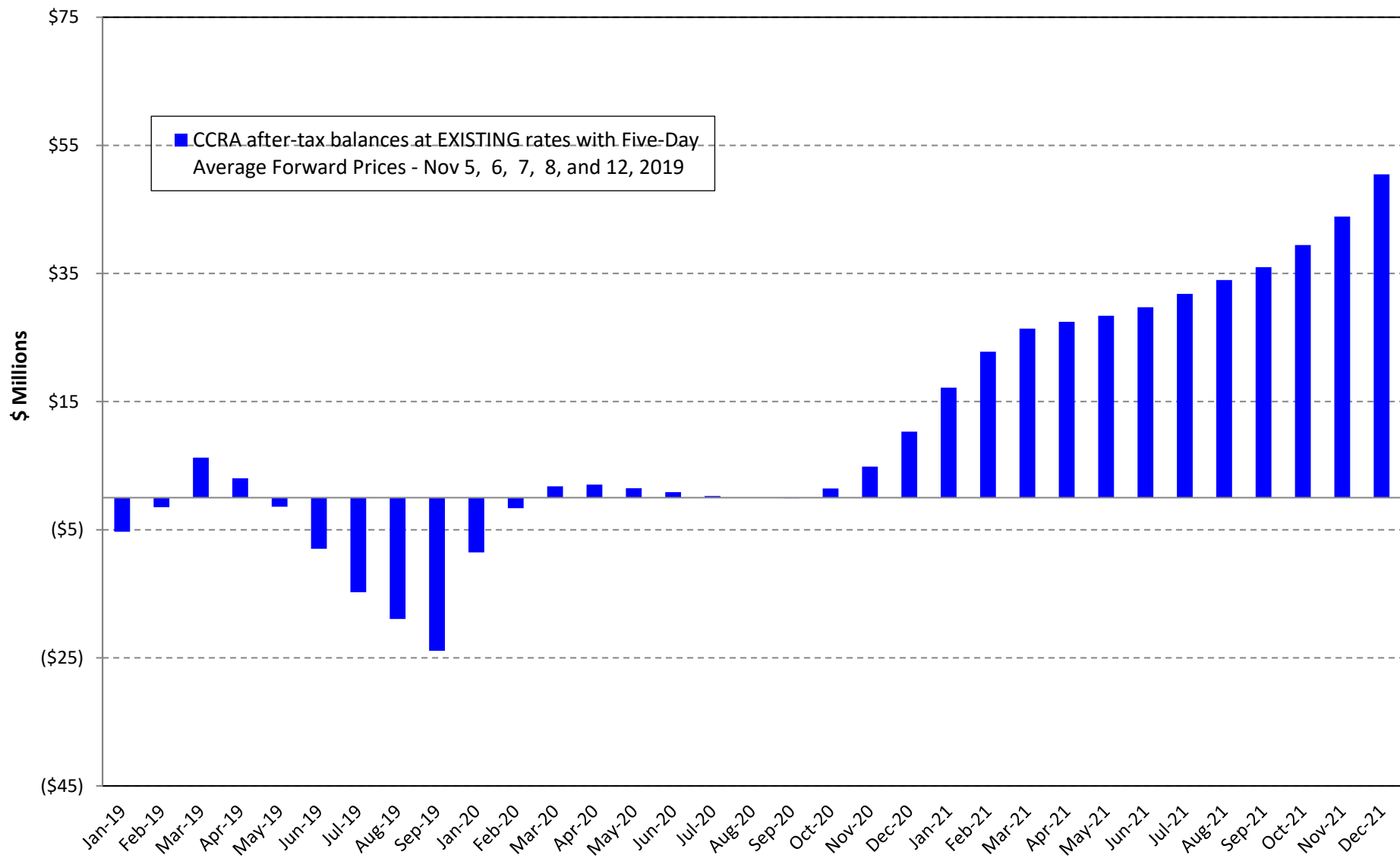
Tab 1
Page 8

No.	Particulars	CCRA / MCRA Deferral Account Forecast	Gas Budget Cost Summary	References
	(1)	(2)	(3)	(4)
1	Gas Cost Incurred			
2	CCRA	\$ 262		(Tab 1, Page 1, Col.14, Line 17)
3	MCRA	150		(Tab 2, Page 7.1, Col.15, Line 33)
4				
5				
6	Gas Budget Cost Summary			
7	CCRA		\$ 262	(Tab 1, Page 7, Col.3, Line 12)
8	MCRA		150	(Tab 1, Page 7, Col.3, Line 48)
9				
10				
11	Totals Reconciled	\$ 412	\$ 412	

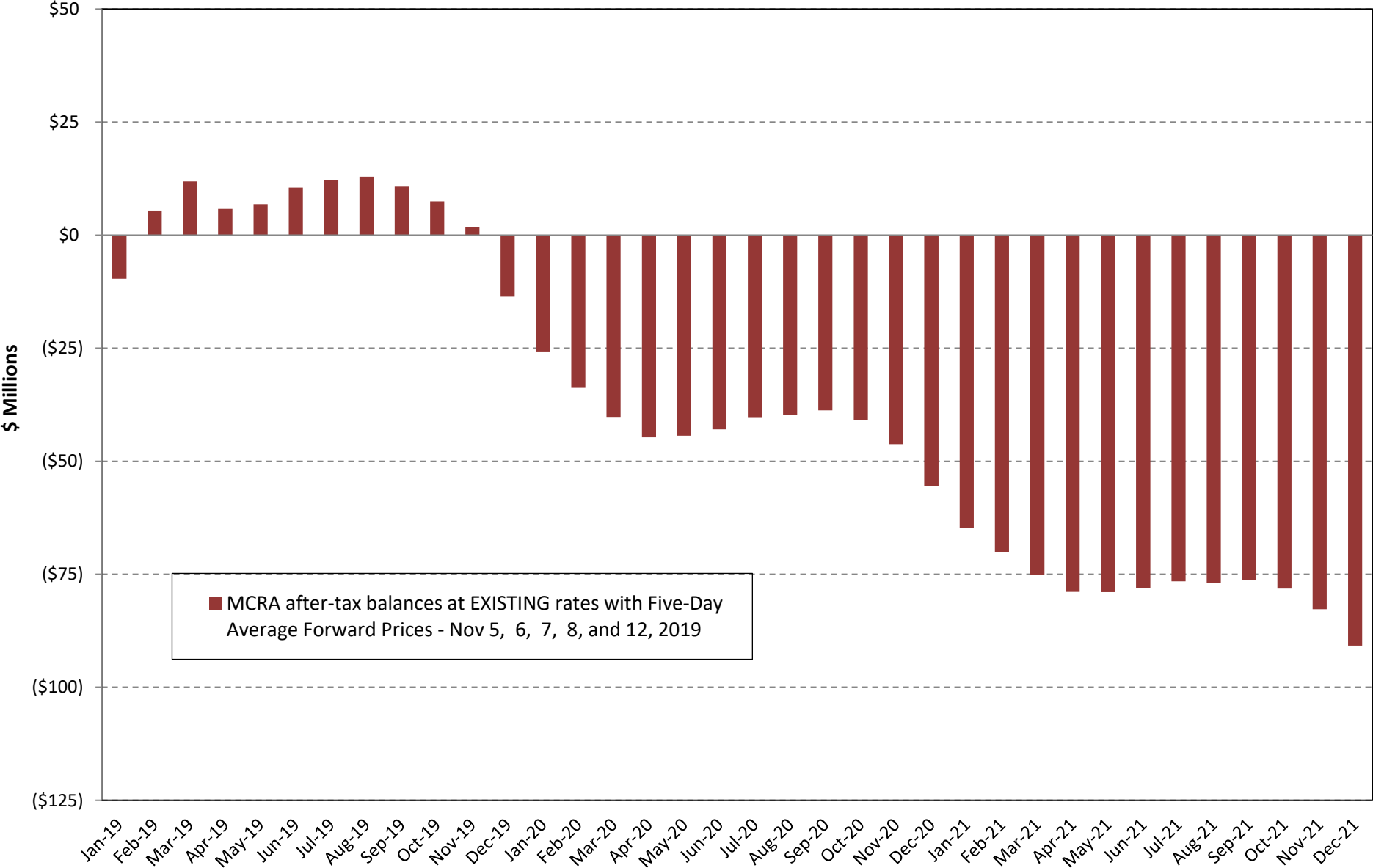
Slight differences in totals due to rounding.

FortisBC Energy Inc. - Mainland and Vancouver Island Service Area
 CCRA After-Tax Monthly Balances
 Recorded to October 2019 and Forecast to December 2021

Tab 1
 Page 9



FortisBC Energy Inc. - Mainland and Vancouver Island Service Area
MCRA After-Tax Monthly Balances
Recorded to October 2019 and Forecast to December 2021



FORTISBC ENERGY INC. - MAINLAND AND VANCOUVER ISLAND SERVICE AREA
CCRA INCURRED MONTHLY ACTIVITIES
RECORDED PERIOD TO OCT 2019 AND FORECAST TO DEC 2020
FIVE-DAY AVERAGE FORWARD PRICES - NOV 5, 6, 7, 8, AND 12, 2019

Tab 2
Page 1

Line No.		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1															Jan-19 to
2			Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Projected	Projected	Dec-19
3			Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
4	CCRA QUANTITIES														
5	Commodity Purchase	(TJ)													
6	STN 2		8,890	8,031	8,890	8,672	8,963	8,672	8,989	8,991	8,707	9,015	8,470	9,678	105,968
7	AECO		2,803	2,532	2,803	2,734	2,826	2,734	2,836	2,836	2,745	2,842	2,737	3,124	33,551
8	Total Commodity Purchased		11,693	10,562	11,693	11,406	11,788	11,407	11,825	11,828	11,452	11,857	12,390	12,803	139,519
9	Fuel Gas Provided to Midstream		(482)	(435)	(482)	(470)	(486)	(470)	(482)	(482)	(472)	(489)	(451)	(466)	(5,667)
10	Commodity Available for Sale		11,211	10,127	11,210	10,935	11,302	10,936	11,343	11,346	10,979	11,368	11,939	12,337	133,851
11															
12	CCRA COSTS														
13	Commodity Costs	(\$000)													
14	STN 2		\$ 16,516	\$ 14,225	\$ 21,976	\$ 9,270	\$ 7,577	\$ 5,805	\$ 5,678	\$ 8,954	\$ 7,423	\$ 10,036	\$ 16,920	\$ 22,388	\$ 146,767
15	AECO		4,731	5,909	6,370	3,145	3,741	2,016	2,432	2,808	2,654	5,172	6,360	7,762	53,099
16	Commodity Costs before Hedging		\$ 21,247	\$ 20,133	\$ 28,346	\$ 12,416	\$ 11,317	\$ 7,821	\$ 8,110	\$ 11,762	\$ 10,077	\$ 15,207	\$ 23,279	\$ 30,151	\$ 199,866
17	Mark to Market Hedges Cost / (Gain)		2,136	680	(457)	-	-	-	-	-	-	-	1	3	2,362
18	Core Market Administration Costs		136	87	122	101	117	134	125	128	99	142	155	155	1,502
19	Total CCRA Costs		\$ 23,518	\$ 20,900	\$ 28,011	\$ 12,517	\$ 11,434	\$ 7,955	\$ 8,236	\$ 11,890	\$ 10,176	\$ 15,349	\$ 23,435	\$ 30,309	\$ 203,730
20															
21															
22	CCRA Unit Cost	(\$/GJ)	\$ 2.098	\$ 2.064	\$ 2.499	\$ 1.145	\$ 1.012	\$ 0.727	\$ 0.726	\$ 1.048	\$ 0.927	\$ 1.350	\$ 1.942	\$ 2.401	\$ 1.522
23															
24															
25			Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	1-12 months
26			Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total
27	CCRA QUANTITIES														
28	Commodity Purchase	(TJ)													
29	STN 2		9,697	9,071	9,697	9,384	9,697	9,384	9,697	9,697	9,384	9,697	9,384	9,697	114,487
30	AECO		3,124	2,923	3,124	3,024	3,124	3,024	3,124	3,124	3,024	3,124	3,024	3,124	36,888
31	Total Commodity Purchased		12,821	11,994	12,821	12,408	12,821	12,408	12,821	12,821	12,408	12,821	12,408	12,821	151,375
32	Fuel Gas Provided to Midstream		(484)	(453)	(484)	(469)	(484)	(469)	(484)	(484)	(469)	(484)	(469)	(484)	(5,717)
33	Commodity Available for Sale		12,337	11,541	12,337	11,939	12,337	11,939	12,337	12,337	11,939	12,337	11,939	12,337	145,657
34															
35	CCRA COSTS	(\$000)													
36	Commodity Costs														
37	STN 2		\$ 22,485	\$ 20,526	\$ 17,068	\$ 13,614	\$ 13,206	\$ 12,744	\$ 13,260	\$ 13,627	\$ 13,290	\$ 15,633	\$ 17,436	\$ 20,008	\$ 192,896
38	AECO		7,511	6,816	5,938	5,085	5,013	4,783	4,907	5,033	4,927	5,420	5,579	6,445	67,457
39	Commodity Costs before Hedging		\$ 29,995	\$ 27,342	\$ 23,006	\$ 18,699	\$ 18,220	\$ 17,527	\$ 18,166	\$ 18,659	\$ 18,218	\$ 21,053	\$ 23,015	\$ 26,453	\$ 260,353
40	Mark to Market Hedges Cost / (Gain)		(443)	(125)	661	-	-	-	-	-	-	-	-	-	93
41	Core Market Administration Costs		133	133	133	133	133	133	133	133	133	133	133	133	1,594
42	Total CCRA Costs		\$ 29,685	\$ 27,350	\$ 23,800	\$ 18,832	\$ 18,352	\$ 17,660	\$ 18,299	\$ 18,792	\$ 18,350	\$ 21,185	\$ 23,148	\$ 26,586	\$ 262,039
43															
44															
45	CCRA Unit Cost	(\$/GJ)	\$ 2.406	\$ 2.370	\$ 1.929	\$ 1.577	\$ 1.488	\$ 1.479	\$ 1.483	\$ 1.523	\$ 1.537	\$ 1.717	\$ 1.939	\$ 2.155	\$ 1.799

Slight differences in totals due to rounding.

FORTISBC ENERGY INC. - MAINLAND AND VANCOUVER ISLAND SERVICE AREA
CCRA INCURRED MONTHLY ACTIVITIES
FORECAST PERIOD FROM JAN 2021 TO DEC 2021
FIVE-DAY AVERAGE FORWARD PRICES - NOV 5, 6, 7, 8, AND 12, 2019

Tab 2
Page 2

Line No.		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
			Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	13-24 months
			Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Total
3	CCRA QUANTITIES														
4	Commodity Purchase	(TJ)													
5	STN 2		9,968	9,003	9,968	9,647	9,968	9,647	9,968	9,968	9,647	9,968	9,647	9,968	117,367
6	AECO		<u>3,212</u>	<u>2,901</u>	<u>3,212</u>	<u>3,108</u>	<u>3,212</u>	<u>3,108</u>	<u>3,212</u>	<u>3,212</u>	<u>3,108</u>	<u>3,212</u>	<u>3,108</u>	<u>3,212</u>	<u>37,816</u>
7	Total Commodity Purchased		13,180	11,904	13,180	12,755	13,180	12,755	13,180	13,180	12,755	13,180	12,755	13,180	155,182
8	Fuel Gas Provided to Midstream		<u>(498)</u>	<u>(450)</u>	<u>(498)</u>	<u>(482)</u>	<u>(498)</u>	<u>(482)</u>	<u>(498)</u>	<u>(498)</u>	<u>(482)</u>	<u>(498)</u>	<u>(482)</u>	<u>(498)</u>	<u>(5,861)</u>
9	Commodity Available for Sale		<u>12,682</u>	<u>11,455</u>	<u>12,682</u>	<u>12,273</u>	<u>12,682</u>	<u>12,273</u>	<u>12,682</u>	<u>12,682</u>	<u>12,273</u>	<u>12,682</u>	<u>12,273</u>	<u>12,682</u>	<u>149,321</u>
10															
11															
12	CCRA COSTS	(\$000)													
13	Commodity Costs														
14	STN 2		\$ 21,830	\$ 19,095	\$ 18,301	\$ 15,181	\$ 15,507	\$ 15,434	\$ 16,715	\$ 16,809	\$ 16,140	\$ 18,360	\$ 18,879	\$ 21,592	\$ 213,842
15	AECO		<u>7,082</u>	<u>6,209</u>	<u>6,165</u>	<u>5,164</u>	<u>5,307</u>	<u>5,230</u>	<u>5,647</u>	<u>5,676</u>	<u>5,469</u>	<u>5,928</u>	<u>6,056</u>	<u>6,964</u>	<u>70,897</u>
16	Commodity Costs before Hedging		\$ 28,912	\$ 25,304	\$ 24,466	\$ 20,345	\$ 20,814	\$ 20,664	\$ 22,362	\$ 22,485	\$ 21,609	\$ 24,288	\$ 24,935	\$ 28,556	\$ 284,740
17	Mark to Market Hedges Cost / (Gain)		-	-	-	-	-	-	-	-	-	-	-	-	-
18	Core Market Administration Costs		<u>133</u>	<u>133</u>	<u>133</u>	<u>133</u>	<u>133</u>	<u>133</u>	<u>133</u>	<u>133</u>	<u>133</u>	<u>133</u>	<u>133</u>	<u>133</u>	<u>1,594</u>
19	Total CCRA Costs		<u>\$ 29,045</u>	<u>\$ 25,437</u>	<u>\$ 24,599</u>	<u>\$ 20,478</u>	<u>\$ 20,946</u>	<u>\$ 20,797</u>	<u>\$ 22,494</u>	<u>\$ 22,618</u>	<u>\$ 21,742</u>	<u>\$ 24,421</u>	<u>\$ 25,068</u>	<u>\$ 28,688</u>	<u>\$ 286,334</u>
20															
21															
22	CCRA Unit Cost	(\$/GJ)	<u>\$ 2.290</u>	<u>\$ 2.221</u>	<u>\$ 1.940</u>	<u>\$ 1.669</u>	<u>\$ 1.652</u>	<u>\$ 1.695</u>	<u>\$ 1.774</u>	<u>\$ 1.783</u>	<u>\$ 1.772</u>	<u>\$ 1.926</u>	<u>\$ 2.043</u>	<u>\$ 2.262</u>	<u>\$ 1.918</u>

Slight differences in totals due to rounding.

FORTISBC ENERGY INC. - MAINLAND AND VANCOUVER ISLAND SERVICE AREA
COMMODITY COST RECONCILIATION ACCOUNT (CCRA)
COST OF GAS (COMMODITY COST RECOVERY CHARGE) FLOW-THROUGH
FOR THE FORECAST PERIOD JAN 1, 2020 TO DEC 31, 2020
FIVE-DAY AVERAGE FORWARD PRICES - NOV 5, 6, 7, 8, AND 12, 2019

Tab 2
Page 3

Line No.	Particulars	Unit	RS-1 to RS-7
	(1)		(2)
1	<u>CCRA Baseload</u>	TJ	145,657
2			
3			
4	<u>CCRA Incurred Costs</u>	\$000	
5	STN 2		\$ 192,895.9
6	AECO		67,457.0
7	CCRA Commodity Costs before Hedging		\$ 260,352.9
8	Mark to Market Hedges Cost / (Gain)		92.5
9	Core Market Administration Costs		1,593.9
10	Total Incurred Costs before CCRA deferral amortization		\$ 262,039.3
11			
12	Pre-tax CCRA Deficit / (Surplus) as of Jan 1, 2020		(22,304.4)
13	Total CCRA Incurred Costs		\$ 239,734.9
14			
15			
16	<u>CCRA Incurred Unit Costs</u>	\$/GJ	
17	CCRA Commodity Costs before Hedging		\$ 1.7874
18	Mark to Market Hedges Cost / (Gain)		0.0006
19	Core Market Administration Costs		0.0109
20	Total Incurred Costs before CCRA deferral amortization		\$ 1.7990
21	Pre-tax CCRA Deficit / (Surplus) as of Jan 1, 2020		(0.1531)
22	CCRA Gas Costs Incurred -- Flow-Through		\$ 1.6459
23			
24			
25			
26			
27			
28			
29	<u>Cost of Gas (Commodity Cost Recovery Charge)</u>		<u>RS-1 to RS-7</u>
30			
31	TESTED Flow-Through Cost of Gas effective Jan 1, 2020		\$ 1.646
32			
33	Existing Cost of Gas (effective since Jan 1, 2018)		\$ 1.549
34			
35	Cost of Gas Increase / (Decrease)	\$/GJ	\$ 0.097
36			
37	Cost of Gas Percentage Increase / (Decrease)		6.26%

FORTISBC ENERGY INC. - MAINLAND AND VANCOUVER ISLAND SERVICE AREA
MCRA INCURRED MONTHLY ACTIVITIES FOR THE YEAR 2019
FORECAST PERIODS WITH FIVE-DAY AVERAGE FORWARD PRICES - NOV 5, 6, 7, 8, AND 12, 2019

Tab 2
Page 4

Line No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
		Opening balance	Recorded Jan-19	Recorded Feb-19	Recorded Mar-19	Recorded Apr-19	Recorded May-19	Recorded Jun-19	Recorded Jul-19	Recorded Aug-19	Recorded Sep-19	Recorded Oct-19	Projected Nov-19	Projected Dec-19	2019 Total
1	MCRA COSTS	(\$000)													
2	<u>Midstream Commodity Related Costs</u>														
3	Midstream Commodity Costs before Hedging ^(a)		\$ 32,854.1	\$ 28,855.9	\$ 51,072.1	\$ (51.9)	\$ 9.8	\$ 762.5	\$ (3.4)	\$ 185.8	\$ 7.9	\$ 2,536.5	\$ 19,549.8	\$ 24,321.8	160,101.0
4	Mark to Market Hedges Cost / (Gain)		-	-	-	-	-	-	-	-	-	-	(527.4)	(1,393.9)	(1,921.3)
5	Imbalance ^(b)	\$ 823.5	(214.9)	685.4	(275.5)	(565.3)	38.8	(251.5)	3.1	(37.2)	62.7	357.8	-	(626.9)	(823.5)
6	Company Use Gas Recovered from O&M		(584.3)	(340.4)	(244.8)	(1.0)	65.4	(26.0)	(31.4)	108.8	92.6	(74.6)	(468.3)	(760.9)	(2,264.8)
7	Storage Withdrawal / (Injection) Activity ^(c)		5,813.0	9,143.3	2,330.8	709.1	(4,379.1)	(2,902.0)	(1,859.5)	(2,041.0)	(645.3)	(1,440.4)	4,049.3	7,910.9	16,689.2
8	Total Midstream Commodity Related Costs		\$ 37,867.9	\$ 38,344.2	\$ 52,882.6	\$ 91.0	\$ (4,265.1)	\$ (2,417.0)	\$ (1,891.2)	\$ (1,783.5)	\$ (482.0)	\$ 1,379.3	\$ 22,603.4	\$ 29,451.0	\$ 171,780.5
9															
10	<u>Storage Related Costs</u>														
11	Storage Demand - Third Party Storage		\$ 2,662.7	\$ 2,647.7	\$ 2,684.2	\$ 2,625.6	\$ 3,789.5	\$ 3,716.9	\$ 3,686.0	\$ 3,722.8	\$ 3,657.3	\$ 3,632.5	\$ 2,599.5	\$ 2,617.8	\$ 38,042.3
12	On-System Storage - Mt. Hayes (LNG)		1,792.2	1,517.9	1,719.1	1,519.1	1,712.6	1,679.7	1,545.8	1,503.7	1,752.3	1,885.5	1,608.1	1,523.3	19,759.3
13	Total Storage Related Costs		\$ 4,454.9	\$ 4,165.7	\$ 4,403.2	\$ 4,144.7	\$ 5,502.0	\$ 5,396.6	\$ 5,231.8	\$ 5,226.5	\$ 5,409.6	\$ 5,518.0	\$ 4,207.6	\$ 4,141.1	\$ 57,801.7
14															
15	<u>Transportation Related Costs</u>														
16	Enbridge (BC Pipeline) - Westcoast Energy		\$ 11,658.5	\$ 36,809.3	\$ 11,509.2	\$ 11,015.5	\$ 11,248.5	\$ 10,406.9	\$ 11,078.7	\$ 10,770.6	\$ 10,666.3	\$ 11,203.7	\$ 10,994.4	\$ 11,257.1	\$ 158,618.7
17	TransCanada (Foothills BC)		505.1	515.9	510.5	382.1	41.1	730.7	378.2	378.1	375.8	378.1	504.3	504.3	5,204.1
18	TransCanada (NOVA Alta)		956.2	959.8	958.0	938.7	910.2	910.2	869.4	913.4	901.3	901.3	915.3	915.3	11,049.0
19	Northwest Pipeline		765.2	735.0	773.0	373.8	381.5	369.2	364.3	375.5	364.3	374.5	738.8	776.2	6,391.3
20	FortisBC Huntingdon Inc.		10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	20.9	10.3	134.7
21	Southern Crossing Pipeline		300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	3,600.0
22	CNG Truck Bridge		2,678.0	3,866.8	183.5	-	-	-	-	-	-	-	-	-	6,728.4
23	Total Transportation Related Costs		\$ 16,873.3	\$ 43,197.1	\$ 14,244.6	\$ 13,020.4	\$ 12,891.7	\$ 12,727.4	\$ 13,000.8	\$ 12,747.8	\$ 12,618.0	\$ 13,168.0	\$ 13,473.8	\$ 13,763.2	\$ 191,726.3
24															
25	<u>Mitigation</u>														
26	Commodity Related Mitigation		\$ (20,638.1)	\$ (11,671.8)	\$ (27,885.8)	\$ (5,877.0)	\$ (4,984.5)	\$ (7,210.3)	\$ (9,420.9)	\$ (8,731.5)	\$ (13,496.1)	\$ (3,111.7)	\$ (16,903.8)	\$ (18,764.9)	\$ (148,696.3)
27	Storage Related Mitigation		(1,066.4)	(168.4)	(259.0)	(986.8)	1,319.5	311.7	(2,443.9)	(6,044.7)	1,496.0	5,090.7	-	-	(2,751.2)
28	Transportation Related Mitigation		(4,306.0)	(2,983.3)	(4,693.2)	(7,140.2)	(11,580.5)	(9,526.3)	(8,993.0)	(7,900.9)	(13,309.4)	(10,239.2)	(2,064.0)	(1,727.3)	(84,463.3)
29	Total Mitigation		\$ (26,010.6)	\$ (14,823.5)	\$ (32,838.0)	\$ (14,003.9)	\$ (15,245.5)	\$ (16,424.9)	\$ (20,857.8)	\$ (22,677.1)	\$ (25,309.4)	\$ (8,260.2)	\$ (18,967.9)	\$ (20,492.2)	\$ (235,910.9)
30															
31	<u>GSMIP Incentive Sharing</u>		\$ 252.2	\$ 169.1	\$ 440.0	\$ 374.7	\$ 110.4	\$ 210.6	\$ 228.4	\$ 252.4	\$ 417.9	\$ 222.0	\$ 83.3	\$ 83.3	\$ 2,844.4
32															
33	<u>Core Market Administration Costs</u>		\$ 316.4	\$ 203.2	\$ 285.1	\$ 235.8	\$ 272.6	\$ 313.5	\$ 292.6	\$ 299.3	\$ 230.3	\$ 331.5	\$ 362.3	\$ 362.3	\$ 3,504.9
34	TOTAL MCRA COSTS	(\$000)	\$ 33,754.1	\$ 71,255.8	\$ 39,417.6	\$ 3,862.7	\$ (733.8)	\$ (193.8)	\$ (3,995.3)	\$ (5,934.6)	\$ (7,115.7)	\$ 12,358.5	\$ 21,762.5	\$ 27,308.9	\$ 191,746.9
	(Line 8, 13, 23, 29, 31 & 33)														

Notes:

(a) The total cost of UAF is included as a component of gas purchased. Sales UAF costs are recovered via gas cost recovery rates, while T-Service UAF costs are recovered via delivery revenues.

(b) Imbalance is composed of two components, Enbridge imbalance (difference between Enbridge metered and authorized deliveries) and Transportation imbalance (difference between the authorized receipts and customers' consumption or "burn").

The Jan 1, 2019 opening balance reflects FEI owed Enbridge / Transportation Marketers 639 TJ of gas valued at \$823.5K. As imbalance amounts can be either a debit or credit value, and typically remain within a narrow range, FEI does not forecast future imbalance amounts.

(c) The net impact to the MCRA related to the movement of commodity costs into or out of the Gas in Storage inventory account. Gas injections to storage result in credits to the MCRA, while withdrawals result in costs being debited to the MCRA.

Slight difference in totals due to rounding.

FORTISBC ENERGY INC. - MAINLAND AND VANCOUVER ISLAND SERVICE AREA
MCRA INCURRED MONTHLY ACTIVITIES FOR THE YEAR 2020
FORECAST PERIODS WITH FIVE-DAY AVERAGE FORWARD PRICES - NOV 5, 6, 7, 8, AND 12, 2019

Line No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
		Opening balance	Forecast Jan-20	Forecast Feb-20	Forecast Mar-20	Forecast Apr-20	Forecast May-20	Forecast Jun-20	Forecast Jul-20	Forecast Aug-20	Forecast Sep-20	Forecast Oct-20	Forecast Nov-20	Forecast Dec-20	2020 Total
1	MCRA COSTS	(\$000)													
2	<u>Midstream Commodity Related Costs</u>														
3	Midstream Commodity Costs before Hedging ^(a)		\$ 23,443.2	\$ 20,649.2	\$ 14,703.5	\$ 2,606.5	\$ 659.4	\$ 209.1	\$ 217.0	\$ 223.4	\$ 219.1	\$ 365.3	\$ 5,684.9	\$ 9,538.1	\$ 78,518.7
4	Mark to Market Hedges Cost / (Gain)		(909.7)	(270.1)	1,307.1	-	-	-	-	-	-	-	-	-	127.3
5	Imbalance ^(b)	\$ -	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Company Use Gas Recovered from O&M		(910.7)	(717.7)	(612.0)	(428.5)	(240.3)	(212.6)	(161.2)	(107.3)	(149.9)	(225.3)	(481.4)	(782.1)	(5,029.0)
7	Storage Withdrawal / (Injection) Activity ^(c)		<u>7,914.5</u>	<u>7,708.3</u>	<u>6,776.3</u>	<u>(1,624.6)</u>	<u>(7,677.0)</u>	<u>(7,374.2)</u>	<u>(7,992.7)</u>	<u>(8,318.2)</u>	<u>(8,175.7)</u>	<u>(2,803.6)</u>	<u>6,938.4</u>	<u>9,571.9</u>	<u>(5,056.8)</u>
8	Total Midstream Commodity Related Costs		<u>\$ 29,537.3</u>	<u>\$ 27,369.8</u>	<u>\$ 22,174.8</u>	<u>\$ 553.3</u>	<u>\$ (7,257.9)</u>	<u>\$ (7,377.7)</u>	<u>\$ (7,936.9)</u>	<u>\$ (8,202.1)</u>	<u>\$ (8,106.5)</u>	<u>\$ (2,663.6)</u>	<u>\$ 12,141.8</u>	<u>\$ 18,327.9</u>	<u>\$ 68,560.2</u>
9															
10	<u>Storage Related Costs</u>														
11	Storage Demand - Third Party Storage		\$ 2,617.8	\$ 2,599.5	\$ 2,610.8	\$ 2,642.9	\$ 3,768.1	\$ 3,761.4	\$ 3,801.7	\$ 3,810.7	\$ 3,785.5	\$ 3,652.4	\$ 2,601.1	\$ 2,617.7	\$ 38,269.6
12	On-System Storage - Mt. Hayes (LNG)		<u>1,524.3</u>	<u>1,523.8</u>	<u>1,523.4</u>	<u>1,519.4</u>	<u>1,711.4</u>	<u>1,717.6</u>	<u>1,519.5</u>	<u>1,519.4</u>	<u>1,519.4</u>	<u>1,722.3</u>	<u>1,611.2</u>	<u>1,524.1</u>	<u>18,935.7</u>
13	Total Storage Related Costs		<u>\$ 4,142.0</u>	<u>\$ 4,123.4</u>	<u>\$ 4,134.2</u>	<u>\$ 4,162.3</u>	<u>\$ 5,479.5</u>	<u>\$ 5,479.0</u>	<u>\$ 5,321.2</u>	<u>\$ 5,330.1</u>	<u>\$ 5,304.9</u>	<u>\$ 5,374.7</u>	<u>\$ 4,212.3</u>	<u>\$ 4,141.8</u>	<u>\$ 57,205.3</u>
14															
15	<u>Transportation Related Costs</u>														
16	Enbridge (BC Pipeline) - Westcoast Energy		\$ 11,082.7	\$ 11,070.7	\$ 10,998.6	\$ 11,023.7	\$ 10,657.4	\$ 10,760.7	\$ 10,911.8	\$ 10,886.7	\$ 10,870.0	\$ 10,672.8	\$ 12,100.9	\$ 12,386.4	\$ 133,422.2
17	TransCanada (Foothills BC)		<u>514.4</u>	<u>514.4</u>	<u>514.4</u>	<u>387.7</u>	<u>387.7</u>	<u>387.7</u>	<u>387.7</u>	<u>387.7</u>	<u>387.7</u>	<u>387.7</u>	<u>514.4</u>	<u>514.4</u>	<u>5,286.1</u>
18	TransCanada (NOVA Alta)		<u>933.6</u>	<u>933.6</u>	<u>933.6</u>	<u>933.6</u>	<u>933.6</u>	<u>933.6</u>	<u>933.6</u>	<u>933.6</u>	<u>933.6</u>	<u>933.6</u>	<u>933.6</u>	<u>933.6</u>	<u>11,202.7</u>
19	Northwest Pipeline		<u>783.1</u>	<u>747.0</u>	<u>776.9</u>	<u>379.1</u>	<u>388.6</u>	<u>401.7</u>	<u>405.3</u>	<u>400.4</u>	<u>386.1</u>	<u>370.0</u>	<u>740.2</u>	<u>776.2</u>	<u>6,554.7</u>
20	FortisBC Huntingdon Inc.		<u>10.3</u>	<u>10.3</u>	<u>10.3</u>	<u>10.3</u>	<u>10.3</u>	<u>10.3</u>	<u>10.3</u>	<u>10.3</u>	<u>10.3</u>	<u>10.3</u>	<u>10.3</u>	<u>10.3</u>	<u>124.1</u>
21	Southern Crossing Pipeline		<u>300.0</u>	<u>300.0</u>	<u>300.0</u>	<u>300.0</u>	<u>300.0</u>	<u>300.0</u>	<u>300.0</u>	<u>300.0</u>	<u>300.0</u>	<u>300.0</u>	<u>1,057.1</u>	<u>1,057.1</u>	<u>5,114.1</u>
22	Total Transportation Related Costs		<u>\$ 13,624.1</u>	<u>\$ 13,576.0</u>	<u>\$ 13,533.8</u>	<u>\$ 13,034.5</u>	<u>\$ 12,677.6</u>	<u>\$ 12,794.0</u>	<u>\$ 12,948.7</u>	<u>\$ 12,918.7</u>	<u>\$ 12,887.7</u>	<u>\$ 12,674.4</u>	<u>\$ 15,356.5</u>	<u>\$ 15,677.9</u>	<u>\$ 161,703.9</u>
23															
24	<u>Mitigation</u>														
25	Commodity Related Mitigation		\$ (14,982.0)	\$ (17,676.1)	\$ (16,039.4)	\$ (1,325.0)	\$ (1,306.5)	\$ (2,913.1)	\$ (4,217.6)	\$ (4,365.7)	\$ (2,708.9)	\$ (1,426.5)	\$ (4,891.1)	\$ (2,540.9)	\$ (74,392.7)
26	Storage Related Mitigation		-	-	-	-	-	-	-	-	-	-	-	-	-
27	Transportation Related Mitigation		<u>(1,579.5)</u>	<u>(1,123.7)</u>	<u>(1,685.1)</u>	<u>(5,466.7)</u>	<u>(7,234.0)</u>	<u>(9,631.9)</u>	<u>(9,725.9)</u>	<u>(12,233.8)</u>	<u>(9,730.7)</u>	<u>(5,662.3)</u>	<u>(2,064.0)</u>	<u>(1,727.3)</u>	<u>(67,864.9)</u>
28	Total Mitigation		<u>\$ (16,561.5)</u>	<u>\$ (18,799.8)</u>	<u>\$ (17,724.4)</u>	<u>\$ (6,791.7)</u>	<u>\$ (8,540.5)</u>	<u>\$ (12,545.0)</u>	<u>\$ (13,943.5)</u>	<u>\$ (16,599.6)</u>	<u>\$ (12,439.6)</u>	<u>\$ (7,088.8)</u>	<u>\$ (6,955.1)</u>	<u>\$ (4,268.2)</u>	<u>\$ (142,257.6)</u>
29															
30	<u>GSMIP Incentive Sharing</u>		<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 1,000.0</u>
31															
32	<u>Core Market Administration Costs</u>		<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 3,719.1</u>
33	TOTAL MCRA COSTS	(\$000)	<u>\$ 31,135.2</u>	<u>\$ 26,662.7</u>	<u>\$ 22,511.6</u>	<u>\$ 11,351.6</u>	<u>\$ 2,752.0</u>	<u>\$ (1,256.5)</u>	<u>\$ (3,217.2)</u>	<u>\$ (6,159.7)</u>	<u>\$ (1,960.3)</u>	<u>\$ 8,690.0</u>	<u>\$ 25,148.9</u>	<u>\$ 34,272.7</u>	<u>\$ 149,930.9</u>

(Line 8, 13, 23, 22, 30 & 32)

- Notes:
- (a) The total cost of UAF is included as a component of gas purchased. Sales UAF costs are recovered via gas cost recovery rates, while T-Service UAF costs are recovered via delivery revenues.
- (b) Imbalance is composed of two components, Enbridge imbalance (difference between Enbridge metered and authorized deliveries) and Transportation imbalance (difference between the authorized receipts and customers' consumption or "burn"). For developing the forecast midstream costs opening imbalance amounts are forecast to be settled at the beginning of the prospective period. As imbalance amounts can be either a debit or credit value, and typically remain within a narrow range, FEI does not forecast future imbalance amounts.
- (c) The net impact to the MCRA related to the movement of commodity costs into or out of the Gas in Storage inventory account. Gas injections to storage result in credits to the MCRA, while withdrawals result in costs being debited to the MCRA.

Slight difference in totals due to rounding.

FORTISBC ENERGY INC. - MAINLAND AND VANCOUVER ISLAND SERVICE AREA
MCRA INCURRED MONTHLY ACTIVITIES FOR THE YEAR 2021
FORECAST PERIODS WITH FIVE-DAY AVERAGE FORWARD PRICES - NOV 5, 6, 7, 8, AND 12, 2019

Line No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
		Opening balance	Forecast Jan 2021	Forecast Feb 2021	Forecast Mar 2021	Forecast Apr 2021	Forecast May 2021	Forecast Jun 2021	Forecast Jul 2021	Forecast Aug 2021	Forecast Sep 2021	Forecast Oct 2021	Forecast Nov 2021	Forecast Dec 2021	2021 Total
1	MCRA COSTS	(\$000)													
2	<u>Midstream Commodity Related Costs</u>														
3	Midstream Commodity Costs before Hedging ^(a)		\$ 10,120.0	\$ 8,330.6	\$ 5,506.3	\$ 2,854.3	\$ 636.2	\$ 21.1	\$ 17.9	\$ 18.0	\$ 13.6	\$ 425.0	\$ 5,420.6	\$ 9,806.0	\$ 43,169.6
4	Mark to Market Hedges Cost / (Gain)		-	-	-	-	-	-	-	-	-	-	-	-	-
5	Imbalance ^(b)	\$ -	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Company Use Gas Recovered from O&M		(910.7)	(717.7)	(612.0)	(428.5)	(240.3)	(212.6)	(161.2)	(107.3)	(149.9)	(225.3)	(481.4)	(782.1)	(5,029.0)
7	Storage Withdrawal / (Injection) Activity ^(c)		9,623.2	9,040.8	8,323.1	(1,788.1)	(8,186.3)	(8,366.6)	(9,443.1)	(9,628.8)	(8,878.3)	(3,171.6)	8,035.0	10,913.6	(3,527.1)
8	Total Midstream Commodity Related Costs		\$ 18,832.5	\$ 16,653.8	\$ 13,217.4	\$ 637.7	\$ (7,790.4)	\$ (8,558.2)	\$ (9,586.4)	\$ (9,718.1)	\$ (9,014.6)	\$ (2,971.9)	\$ 12,974.2	\$ 19,937.5	\$ 34,613.5
9															
10	<u>Storage Related Costs</u>														
11	Storage Demand - Third Party Storage		\$ 2,617.7	\$ 2,593.3	\$ 2,611.2	\$ 2,647.0	\$ 2,797.5	\$ 3,780.3	\$ 3,824.5	\$ 3,834.4	\$ 3,807.1	\$ 3,658.7	\$ 2,601.3	\$ 2,618.9	\$ 37,392.0
12	On-System Storage - Mt. Hayes (LNG)		1,524.3	1,523.8	1,523.4	1,519.4	1,711.4	1,717.6	1,519.5	1,519.4	1,519.4	1,722.3	1,611.2	1,524.1	18,935.7
13	Total Storage Related Costs		\$ 4,142.0	\$ 4,117.2	\$ 4,134.6	\$ 4,166.4	\$ 4,508.8	\$ 5,497.9	\$ 5,344.0	\$ 5,353.8	\$ 5,326.5	\$ 5,380.9	\$ 4,212.4	\$ 4,143.0	\$ 56,327.7
14															
15	<u>Transportation Related Costs</u>														
16	Enbridge (BC Pipeline) - Westcoast Energy		\$ 12,681.2	\$ 12,622.0	\$ 12,567.0	\$ 11,252.2	\$ 10,876.2	\$ 10,978.7	\$ 11,131.5	\$ 11,106.1	\$ 11,089.1	\$ 10,894.6	\$ 12,336.8	\$ 12,632.6	\$ 140,168.0
17	TransCanada (Foothills BC)		524.7	524.7	524.7	395.5	395.5	395.5	395.5	395.5	395.5	395.5	524.7	524.7	5,391.8
18	TransCanada (NOVA Alta)		952.2	952.2	952.2	952.2	952.2	952.2	952.2	952.2	952.2	952.2	952.2	952.2	11,426.8
19	Northwest Pipeline		783.0	731.8	777.3	379.2	388.7	401.8	405.4	400.5	376.3	370.1	740.3	777.2	6,531.7
20	FortisBC Huntingdon Inc.		10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	124.1
21	Southern Crossing Pipeline		1,054.2	1,054.2	1,054.2	1,054.2	1,054.2	1,054.2	1,054.2	1,054.2	1,054.2	1,054.2	1,054.2	1,054.2	12,650.1
22	Total Transportation Related Costs		\$ 16,005.7	\$ 15,895.2	\$ 15,885.7	\$ 14,043.6	\$ 13,677.1	\$ 13,792.8	\$ 13,949.1	\$ 13,918.8	\$ 13,877.6	\$ 13,676.9	\$ 15,618.5	\$ 15,951.3	\$ 176,292.4
23															
24	<u>Mitigation</u>														
25	Commodity Related Mitigation		\$ (1,783.1)	\$ (4,850.2)	\$ (6,877.0)	\$ (1,341.7)	\$ (1,307.1)	\$ (3,320.2)	\$ (5,137.9)	\$ (5,259.8)	\$ (3,409.6)	\$ (1,422.1)	\$ (4,485.1)	\$ (1,780.4)	\$ (40,974.2)
26	Storage Related Mitigation		-	-	-	-	-	-	-	-	-	-	-	-	-
27	Transportation Related Mitigation		(1,579.5)	(1,123.7)	(1,685.1)	(5,466.7)	(7,234.0)	(9,631.9)	(9,725.9)	(12,233.8)	(9,730.7)	(5,662.3)	(2,064.0)	(1,727.3)	(67,864.9)
28	Total Mitigation		\$ (3,362.6)	\$ (5,973.9)	\$ (8,562.0)	\$ (6,808.4)	\$ (8,541.1)	\$ (12,952.1)	\$ (14,863.8)	\$ (17,493.6)	\$ (13,140.3)	\$ (7,084.5)	\$ (6,549.2)	\$ (3,507.7)	\$ (108,839.1)
29															
30	<u>GSMIP Incentive Sharing</u>		\$ 83.3	\$ 83.3	\$ 83.3	\$ 83.3	\$ 83.3	\$ 83.3	\$ 83.3	\$ 83.3	\$ 83.3	\$ 83.3	\$ 83.3	\$ 83.3	\$ 1,000.0
31															-
32	<u>Core Market Administration Costs</u>		\$ 309.9	\$ 309.9	\$ 309.9	\$ 309.9	\$ 309.9	\$ 309.9	\$ 309.9	\$ 309.9	\$ 309.9	\$ 309.9	\$ 309.9	\$ 309.9	\$ 3,719.1
33	TOTAL MCRA COSTS	(\$000)	\$ 36,010.8	\$ 31,085.6	\$ 25,069.0	\$ 12,432.5	\$ 2,247.7	\$ (1,826.3)	\$ (4,763.7)	\$ (7,545.9)	\$ (2,557.5)	\$ 9,394.7	\$ 26,649.3	\$ 36,917.4	\$ 163,113.6

(Line 8, 13, 22, 28, 30 & 32)

- Notes:
- (a) The total cost of UAF is included as a component of gas purchased. Sales UAF costs are recovered via gas cost recovery rates, while T-Service UAF costs are recovered via delivery revenues.
- (b) Imbalance is composed of two components, Spectra imbalance (difference between Spectra metered and authorized deliveries) and Transportation imbalance (difference between the authorized receipts and customers' consumption or "burn"). For developing the forecast midstream costs opening imbalance amounts are forecast to be settled at the beginning of the prospective period. As imbalance amounts can be either a debit or credit value, and typically remain within a narrow range, FEI does not forecast future imbalance amounts.
- (c) The net impact to the MCRA related to the movement of commodity costs into or out of the Gas in Storage inventory account. Gas injections to storage result in credits to the MCRA, while withdrawals result in costs being debited to the MCRA.

Slight difference in totals due to rounding.

FORTISBC ENERGY INC. - MAINLAND AND VANCOUVER ISLAND SERVICE AREA
STORAGE AND TRANSPORT RELATED CHARGES FLOW-THROUGH BY RATE SCHEDULE
FOR THE FORECAST PERIOD JAN 2020 TO DEC 2020
FIVE-DAY AVERAGE FORWARD PRICES - NOV 5, 6, 7, 8, AND 12, 2019

Tab 2
Page 7

Line No.	Particulars	Unit	General					Subtotal	General		(a) RS-1 to RS-7 Summary	Total MCRA Gas Budget Costs	Term & Spot Gas Sales RS-14A	Off-System Interruptible Sales RS-30
			Residential RS-1	Commercial RS-2	Commercial RS-3	Firm Service RS-5	NGV RS-6		Seasonal RS-4	Interruptible RS-7				
	(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	LNG RS-46	(14)
1	MCRA Sales Quantity	TJ	79,048.2	30,319.0	26,372.9	7,304.7	15.0	143,059.7	163.0	6,228.4	149,451.2		5,161.7	21,513.5
2														
3	Load Factor Adjusted Quantity													
4	Load Factor ^(b)	%	31.0%	30.5%	36.6%	47.0%	100.0%							
5	Load Factor Adjusted Quantity	TJ	255,310.8	99,287.9	72,068.0	15,543.1	15.0	442,224.7						
6	Load Factor Adjusted Volumetric Allocation	%	57.7%	22.5%	16.3%	3.5%	0.0%	100.0%						
7														
8														
9	MCRA Cost of Gas - Load Factor Adjusted Allocation													
10	Midstream Commodity Related Costs (Net of Mitigation)	\$000	\$ (3,971.0)	\$ (1,544.3)	\$ (1,120.9)	\$ (241.8)	\$ (0.2)	\$ (6,878.2)			\$ (6,878.2)		\$ (5,036.5)	\$ (1,995.1)
11	Midstream Commodity Related Costs		38,978.3	15,158.3	11,002.6	2,373.0	2.3	67,514.4					8,187.6	2,194.4
12	Midstream Commodity Related Mitigation		(42,949.3)	(16,702.6)	(12,123.5)	(2,614.7)	(2.5)	(74,392.7)					(13,224.2)	(4,189.5)
13	Storage Related Costs (Net of Mitigation)	\$000	33,026.5	12,843.7	9,322.6	2,010.6	1.9	57,205.3			57,205.3		-	-
14	Storage Related Costs		33,026.5	12,843.7	9,322.6	2,010.6	1.9	57,205.3					-	-
15	Storage Related Mitigation		-	-	-	-	-	-					-	-
16	Transportation Related Costs (Net of Mitigation)	\$000	54,176.3	21,068.6	15,292.7	3,298.2	3.2	93,839.0			93,839.0		2,748.5	694.8
17	Transportation Related Costs		93,357.0	36,305.6	26,352.4	5,683.5	5.5	161,703.9					2,748.5	694.8
18	Transportation Related Mitigation		(39,180.6)	(15,237.0)	(11,059.7)	(2,385.3)	(2.3)	(67,864.9)					-	-
19	GSMIP Incentive Sharing	\$000	577.3	224.5	163.0	35.1	0.0	1,000.0			1,000.0		-	-
20	Core Market Administration Costs - MCRA 70%	\$000	2,147.2	835.0	606.1	130.7	0.1	3,719.1			3,719.1		-	-
21	Total Midstream Cost of Gas Allocated by Rate Class	\$000	\$ 85,956.3	\$ 33,427.6	\$ 24,263.4	\$ 5,232.9	\$ 5.0	\$ 148,885.2			\$ 148,885.2	\$ 148,885.2	\$ (2,288.0)	\$ (1,300.3)
22	T-Service UAF to be recovered via delivery revenues ^(c)													
23	Total MCRA Gas Costs ^(d)											1,045.7		
24	1/2 of Pre-Tax Amort. MCRA Deficit/(Surplus) as of Jan 1, 2020	\$000	\$ (5,379.0)	\$ (2,091.8)	\$ (1,518.4)	\$ (327.5)	\$ (0.3)	\$ (9,317.0)			\$ (9,317.0)	\$ 149,930.9		
25														
26														
27	MCRA Cost of Gas Unitized										Average Costs			
28	Midstream Commodity Related Costs (Net of Mitigation)	\$/GJ	\$ (0.0502)	\$ (0.0509)	\$ (0.0425)	\$ (0.0331)	\$ (0.0156)				\$ (0.0460)			
29	Storage Related Costs (Net of Mitigation)	\$/GJ	0.4178	0.4236	0.3535	0.2752	0.1294				0.3828			
30	Transportation Related Costs (Net of Mitigation)	\$/GJ	0.6854	0.6949	0.5799	0.4515	0.2122				0.6279			
31	GSMIP Incentive Sharing	\$/GJ	0.0073	0.0074	0.0062	0.0048	0.0023				0.0067			
32	Core Market Administration Costs - MCRA 70%	\$/GJ	0.0272	0.0275	0.0230	0.0179	0.0084				0.0249			
33	MCRA Flow-Through Costs before MCRA deferral amortization	\$/GJ	\$ 1.0874	\$ 1.1025	\$ 0.9200	\$ 0.7164	\$ 0.3367				\$ 0.9962			
34	MCRA Deferral Amortization via Rate Rider 6	\$/GJ	\$ (0.0680)	\$ (0.0690)	\$ (0.0576)	\$ (0.0448)	\$ (0.0211)				\$ (0.0623)			
35														
36														
37														
38	PROPOSED January 1, 2020 Flow-through Storage and Transport Related Charges								Tariff Rate 5	Fixed Price Option Rate 5			Tariff Rate 5	
39														
40	Storage and Transport Flow-Through		\$ 1.087	\$ 1.103	\$ 0.920	\$ 0.716	\$ 0.337		\$ 0.716	\$ 0.716			\$ 0.716	
41	Existing Storage and Transport (effective Jan 1, 2019)		1.485	1.490	1.245	1.029	0.469		1.029	1.029			1.029	
42	Increase / (Decrease)	\$/GJ	\$ (0.398)	\$ (0.387)	\$ (0.325)	\$ (0.313)	\$ (0.132)		\$ (0.313)	\$ (0.313)			\$ (0.313)	
43	Increase / (Decrease)	%	-26.80%	-25.97%	-26.10%	-30.42%	-28.14%		-30.42%	-30.42%			-30.42%	
44														
45	MCRA Rate Rider 6 Flow-Through		\$ (0.068)	\$ (0.069)	\$ (0.058)	\$ (0.045)	\$ (0.021)		\$ (0.045)	\$ (0.045)			\$ (0.045)	
46	Existing MCRA Rate Rider 6 (effective Jan 1, 2019)		(0.023)	(0.023)	(0.019)	(0.016)	(0.007)		(0.016)	(0.016)			(0.016)	
47	(Increase) / Decrease	\$/GJ	\$ (0.045)	\$ (0.046)	\$ (0.039)	\$ (0.029)	\$ (0.014)		\$ (0.029)	\$ (0.029)			\$ (0.029)	
48	(Increase) / Decrease	%	-195.65%	-200.00%	-205.26%	-181.25%	-200.00%		-181.25%	-181.25%			-181.25%	

Notes:

(a) The demand forecast is consistent with the energy demand forecast used in FEI's Application for Approval of 2020 Rates on an Interim Basis, effective January 1, 2020, filed on October 29, 2019.

(b) Based on the historical 3-year (2016, 2017, and 2018 data) rolling average load factors for Rate Schedules 1, 2, 3 and 5.

(c) The total cost of UAF (Sales Rate Classes and T-Service) is included as a component of gas purchased. Sales UAF costs are recovered via gas cost recovery rates.

As the T-Service UAF costs are recovered via delivery revenues, they are excluded from the storage and transportation flow-through calculation.

(d) Reconciled to the Total MCRA Costs on Tab 1, Page 7, Col. 3, Line 48, with monthly breakdown on Tab 2, Page 7.1.

Slight differences in totals due to rounding.

FORTISBC ENERGY INC. - MAINLAND AND VANCOUVER ISLAND SERVICE AREA
MCRA FLOW-THROUGH MONTHLY COSTS FOR THE FORECAST PERIOD JAN 2020 TO DEC 2020
FIVE-DAY AVERAGE FORWARD PRICES - NOV 5, 6, 7, 8, AND 12, 2019

Tab 2
Page 7.1

Line No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
			Forecast Jan-20	Forecast Feb-20	Forecast Mar-20	Forecast Apr-20	Forecast May-20	Forecast Jun-20	Forecast Jul-20	Forecast Aug-20	Forecast Sep-20	Forecast Oct-20	Forecast Nov-20	Forecast Dec-20	Jan-20 to Dec-20 Total
1	MCRA COSTS	(\$000)													
2	<u>Midstream Commodity Related Costs</u>														
3	Midstream Commodity Costs before Hedging ^(a)		\$ 23,443.2	\$ 20,649.2	\$ 14,703.5	\$ 2,606.5	\$ 659.4	\$ 209.1	\$ 217.0	\$ 223.4	\$ 219.1	\$ 365.3	\$ 5,684.9	\$ 9,538.1	\$ 78,518.7
4	Mark to Market Hedges Cost / (Gain)		(909.7)	(270.1)	1,307.1	-	-	-	-	-	-	-	-	-	127.3
5	Imbalance ^(b)		-	-	-	-	-	-	-	-	-	-	-	-	-
6	Company Use Gas Recovered from O&M		(910.7)	(717.7)	(612.0)	(428.5)	(240.3)	(212.6)	(161.2)	(107.3)	(149.9)	(225.3)	(481.4)	(782.1)	(5,029.0)
7	Storage Withdrawal / (Injection) Activity ^(c)		<u>7,914.5</u>	<u>7,708.3</u>	<u>6,776.3</u>	<u>(1,624.6)</u>	<u>(7,677.0)</u>	<u>(7,374.2)</u>	<u>(7,992.7)</u>	<u>(8,318.2)</u>	<u>(8,175.7)</u>	<u>(2,803.6)</u>	<u>6,938.4</u>	<u>9,571.9</u>	<u>(5,056.8)</u>
8	Total Midstream Commodity Related Costs		<u>\$ 29,537.3</u>	<u>\$ 27,369.8</u>	<u>\$ 22,174.8</u>	<u>\$ 553.3</u>	<u>\$ (7,257.9)</u>	<u>\$ (7,377.7)</u>	<u>\$ (7,936.9)</u>	<u>\$ (8,202.1)</u>	<u>\$ (8,106.5)</u>	<u>\$ (2,663.6)</u>	<u>\$ 12,141.8</u>	<u>\$ 18,327.9</u>	<u>\$ 68,560.2</u>
9															
10	<u>Storage Related Costs</u>														
11	Storage Demand - Third Party Storage		\$ 2,617.8	\$ 2,599.5	\$ 2,610.8	\$ 2,642.9	\$ 3,768.1	\$ 3,761.4	\$ 3,801.7	\$ 3,810.7	\$ 3,785.5	\$ 3,652.4	\$ 2,601.1	\$ 2,617.7	\$ 38,269.6
12	On-System Storage - Mt. Hayes (LNG)		<u>1,524.3</u>	<u>1,523.8</u>	<u>1,523.4</u>	<u>1,519.4</u>	<u>1,711.4</u>	<u>1,717.6</u>	<u>1,519.5</u>	<u>1,519.4</u>	<u>1,519.4</u>	<u>1,722.3</u>	<u>1,611.2</u>	<u>1,524.1</u>	<u>18,935.7</u>
13	Total Storage Related Costs		<u>\$ 4,142.0</u>	<u>\$ 4,123.4</u>	<u>\$ 4,134.2</u>	<u>\$ 4,162.3</u>	<u>\$ 5,479.5</u>	<u>\$ 5,479.0</u>	<u>\$ 5,321.2</u>	<u>\$ 5,330.1</u>	<u>\$ 5,304.9</u>	<u>\$ 5,374.7</u>	<u>\$ 4,212.3</u>	<u>\$ 4,141.8</u>	<u>\$ 57,205.3</u>
14															
15	<u>Transportation Related Costs</u>														
16	Enbridge (BC Pipeline) - Westcoast Energy		\$ 11,082.7	\$ 11,070.7	\$ 10,998.6	\$ 11,023.7	\$ 10,657.4	\$ 10,760.7	\$ 10,911.8	\$ 10,886.7	\$ 10,870.0	\$ 10,672.8	\$ 12,100.9	\$ 12,386.4	\$ 133,422.2
17	TransCanada (Foothills BC)		514.4	514.4	514.4	387.7	387.7	387.7	387.7	387.7	387.7	387.7	514.4	514.4	5,286.1
18	TransCanada (NOVA Alta)		933.6	933.6	933.6	933.6	933.6	933.6	933.6	933.6	933.6	933.6	933.6	933.6	11,202.7
19	Northwest Pipeline		783.1	747.0	776.9	379.1	388.6	401.7	405.3	400.4	386.1	370.0	740.2	776.2	6,554.7
20	FortisBC Huntingdon Inc.		10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	124.1
21	Southern Crossing Pipeline		<u>300.0</u>	<u>300.0</u>	<u>300.0</u>	<u>300.0</u>	<u>300.0</u>	<u>300.0</u>	<u>300.0</u>	<u>300.0</u>	<u>300.0</u>	<u>300.0</u>	<u>1,057.1</u>	<u>1,057.1</u>	<u>5,114.1</u>
22	Total Transportation Related Costs		<u>\$ 13,624.1</u>	<u>\$ 13,576.0</u>	<u>\$ 13,533.8</u>	<u>\$ 13,034.5</u>	<u>\$ 12,677.6</u>	<u>\$ 12,794.0</u>	<u>\$ 12,948.7</u>	<u>\$ 12,918.7</u>	<u>\$ 12,887.7</u>	<u>\$ 12,674.4</u>	<u>\$ 15,356.5</u>	<u>\$ 15,677.9</u>	<u>\$ 161,703.9</u>
23															
24	<u>Mitigation</u>														
25	Commodity Related Mitigation		\$ (14,982.0)	\$ (17,676.1)	\$ (16,039.4)	\$ (1,325.0)	\$ (1,306.5)	\$ (2,913.1)	\$ (4,217.6)	\$ (4,365.7)	\$ (2,708.9)	\$ (1,426.5)	\$ (4,891.1)	\$ (2,540.9)	\$ (74,392.7)
26	Storage Related Mitigation		-	-	-	-	-	-	-	-	-	-	-	-	-
27	Transportation Related Mitigation		<u>(1,579.5)</u>	<u>(1,123.7)</u>	<u>(1,685.1)</u>	<u>(5,466.7)</u>	<u>(7,234.0)</u>	<u>(9,631.9)</u>	<u>(9,725.9)</u>	<u>(12,233.8)</u>	<u>(9,730.7)</u>	<u>(5,662.3)</u>	<u>(2,064.0)</u>	<u>(1,727.3)</u>	<u>(67,864.9)</u>
28	Total Mitigation		<u>\$ (16,561.5)</u>	<u>\$ (18,799.8)</u>	<u>\$ (17,724.4)</u>	<u>\$ (6,791.7)</u>	<u>\$ (8,540.5)</u>	<u>\$ (12,545.0)</u>	<u>\$ (13,943.5)</u>	<u>\$ (16,599.6)</u>	<u>\$ (12,439.6)</u>	<u>\$ (7,088.8)</u>	<u>\$ (6,955.1)</u>	<u>\$ (4,268.2)</u>	<u>\$ (142,257.6)</u>
29															
30	<u>GSMIP Incentive Sharing</u>		<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 83.3</u>	<u>\$ 1,000.0</u>
31															
32	<u>Core Market Administration Costs</u>		<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 309.9</u>	<u>\$ 3,719.1</u>
33	TOTAL MCRA COSTS	(\$000)	<u>\$ 31,135.2</u>	<u>\$ 26,662.7</u>	<u>\$ 22,511.6</u>	<u>\$ 11,351.6</u>	<u>\$ 2,752.0</u>	<u>\$ (1,256.5)</u>	<u>\$ (3,217.2)</u>	<u>\$ (6,159.7)</u>	<u>\$ (1,960.3)</u>	<u>\$ 8,690.0</u>	<u>\$ 25,148.9</u>	<u>\$ 34,272.7</u>	<u>\$ 149,930.9</u>
	(Line 8, 13, 22, 28, 30 & 32)														

Notes:

- (a) The total cost of UAF is included as a component of gas purchased. Sales UAF costs are recovered via gas cost recovery rates, while T-Service UAF costs are recovered via delivery revenues.
- (b) Imbalance is composed of two components, Enbridge imbalance (difference between Enbridge metered and authorized deliveries) and Transportation imbalance (difference between the authorized receipts and customers' consumption or "burn"). For developing the forecast midstream costs opening imbalance amounts are forecast to be settled at the beginning of the prospective period. As imbalance amounts can be either a debit or credit value, and typically remain within a narrow range, FEI does not forecast future imbalance amounts.
- (c) The net impact to the MCRA related to the movement of commodity costs into or out of the Gas in Storage inventory account. Gas injections to storage result in credits to the MCRA, while withdrawals result in costs being debited to the MCRA.

Slight difference in totals due to rounding.

FORTISBC ENERGY INC. - MAINLAND AND VANCOUVER ISLAND SERVICE AREA
MCRA MONTHLY BALANCES AT PROPOSED RATES (AFTER ADJUSTMENTS FOR ENERGY DIFFERENCES)
FOR THE FORECAST PERIOD FROM JAN 2020 TO DEC 2021
FIVE-DAY AVERAGE FORWARD PRICES - Nov 5, 6, 7, 8, AND 12, 2019
\$(Millions)

Tab 3
Page 1

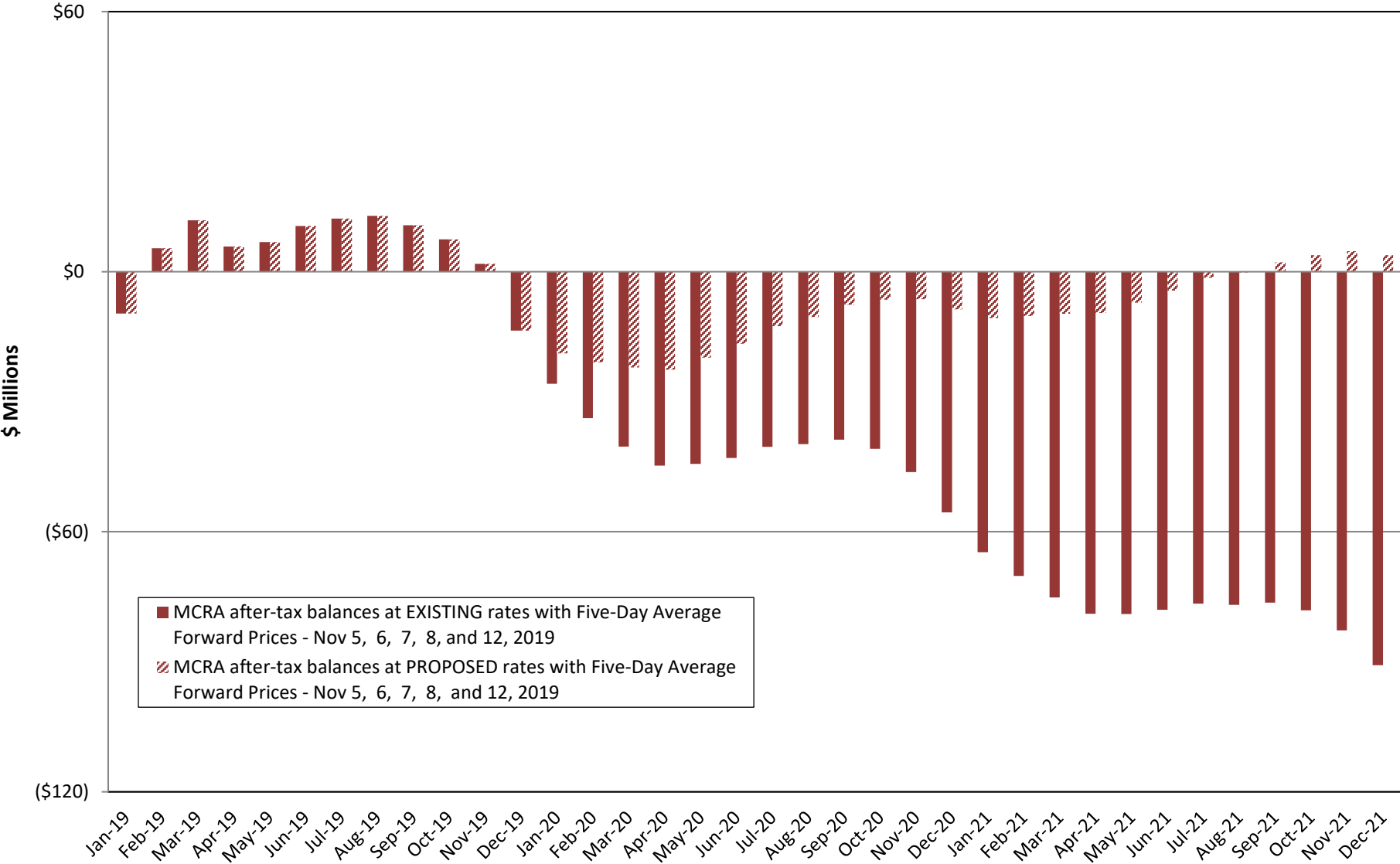
Line No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
		Recorded Jan-19	Recorded Feb-19	Recorded Mar-19	Recorded Apr-19	Recorded May-19	Recorded Jun-19	Recorded Jul-19	Recorded Aug-19	Recorded Sep-19	Recorded Oct-19	Projected Nov-19	Projected Dec-19	Total 2019
1														
2														
3	MCRA Balance - Beginning (Pre-tax) ^(a)	\$ (6)	\$ (13)	\$ 7	\$ 16	\$ 8	\$ 9	\$ 14	\$ 17	\$ 18	\$ 15	\$ 10	\$ 2	\$ (6)
4	2019 MCRA Activities													
5	Rate Rider 6 ^(d)													
6	Amount to be amortized in 2019	\$ (3)												
7	Rider 6 Amortization at APPROVED 2019 Rates	\$ 1	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3
8	Midstream Base Rates													
9	Gas Costs Incurred	\$ 34	\$ 71	\$ 39	\$ 4	\$ (1)	\$ (0)	\$ (4)	\$ (6)	\$ (7)	\$ 12	\$ 22	\$ 27	\$ 192
10	Revenue from APPROVED Recovery Rates	(42)	(51)	(31)	(12)	2	5	6	7	4	(17)	(30)	(44)	(203)
11	Total Midstream Base Rates (Pre-tax)	\$ (8)	\$ 20	\$ 8	\$ (8)	\$ 1	\$ 5	\$ 2	\$ 1	\$ (3)	\$ (5)	\$ (8)	\$ (16)	\$ (11)
12														
13	MCRA Cumulative Balance - Ending (Pre-tax) ^(b)	\$ (13)	\$ 7	\$ 16	\$ 8	\$ 9	\$ 14	\$ 17	\$ 18	\$ 15	\$ 10	\$ 2	\$ (19)	\$ (19)
15														
16	MCRA Cumulative Balance - Ending (After-tax) ^(c)	\$ (10)	\$ 5	\$ 12	\$ 6	\$ 7	\$ 11	\$ 12	\$ 13	\$ 11	\$ 7	\$ 2	\$ (14)	\$ (14)
17														
18														
19		Forecast Jan-20	Forecast Feb-20	Forecast Mar-20	Forecast Apr-20	Forecast May-20	Forecast Jun-20	Forecast Jul-20	Forecast Aug-20	Forecast Sep-20	Forecast Oct-20	Forecast Nov-20	Forecast Dec-20	Total 2020
20														
21	MCRA Balance - Beginning (Pre-tax) ^(a)	\$ (19)	\$ (26)	\$ (29)	\$ (30)	\$ (31)	\$ (27)	\$ (23)	\$ (17)	\$ (14)	\$ (10)	\$ (9)	\$ (9)	\$ (19)
22	2020 MCRA Activities													
23	Rate Rider 6													
24														
25	Rider 6 Amortization at PROPOSED 2020 Rates	\$ (9)	\$ 1	\$ 1	\$ 1	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1	\$ 1	\$ 10
26	Midstream Base Rates													
27	Gas Costs Incurred	\$ 31	\$ 27	\$ 23	\$ 11	\$ 3	\$ (1)	\$ (3)	\$ (6)	\$ (2)	\$ 9	\$ 25	\$ 34	\$ 152
28	Revenue from PROPOSED Recovery Rates	(40)	(31)	(25)	(13)	0	5	8	9	5	(8)	(26)	(39)	(155)
29	Total Midstream Base Rates (Pre-tax)	\$ (9)	\$ (4)	\$ (3)	\$ (1)	\$ 3	\$ 4	\$ 5	\$ 3	\$ 3	\$ 1	\$ (1)	\$ (5)	\$ (3)
30														
31	MCRA Cumulative Balance - Ending (Pre-tax) ^(b)	\$ (26)	\$ (29)	\$ (30)	\$ (31)	\$ (27)	\$ (23)	\$ (17)	\$ (14)	\$ (10)	\$ (9)	\$ (9)	\$ (12)	\$ (12)
32	Tax Rate	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%
33														
34	MCRA Cumulative Balance - Ending (After-tax) ^(c)	\$ (19)	\$ (21)	\$ (22)	\$ (23)	\$ (20)	\$ (17)	\$ (13)	\$ (10)	\$ (8)	\$ (6)	\$ (6)	\$ (9)	\$ (9)
35														
36		Forecast Jan-21	Forecast Feb-21	Forecast Mar-21	Forecast Apr-21	Forecast May-21	Forecast Jun-21	Forecast Jul-21	Forecast Aug-21	Forecast Sep-21	Forecast Oct-21	Forecast Nov-21	Forecast Dec-21	Total 2021
37														
38	MCRA Balance - Beginning (Pre-tax) ^(a)	\$ (12)	\$ (15)	\$ (14)	\$ (13)	\$ (13)	\$ (10)	\$ (6)	\$ (2)	\$ (0)	\$ 3	\$ 5	\$ 6	\$ (12)
39	2021 MCRA Activities													
40	Rate Rider 6													
41														
42	Rider 6 Amortization at PROPOSED 2020 Rates	\$ 1	\$ 1	\$ 1	\$ 1	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1	\$ 1	\$ 1	\$ 10
43	Midstream Base Rates													
44	Gas Costs Incurred	\$ 36	\$ 31	\$ 25	\$ 13	\$ 2	\$ (2)	\$ (5)	\$ (7)	\$ (2)	\$ 10	\$ 27	\$ 37	\$ 165
47	Revenue from PROPOSED Recovery Rates	(40)	(32)	(26)	(13)	0	5	8	9	5	(8)	(27)	(40)	(158)
51	Total Midstream Base Rates (Pre-tax)	\$ (4)	\$ (1)	\$ (0)	\$ (1)	\$ 3	\$ 3	\$ 4	\$ 1	\$ 3	\$ 2	\$ 0	\$ (3)	\$ 7
52														
53	MCRA Cumulative Balance - Ending (Pre-tax) ^(b)	\$ (15)	\$ (14)	\$ (13)	\$ (13)	\$ (10)	\$ (6)	\$ (2)	\$ (0)	\$ 3	\$ 5	\$ 6	\$ 5	\$ 5
54	Tax Rate	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%
55														
56	MCRA Cumulative Balance - Ending (After-tax) ^(c)	\$ (11)	\$ (10)	\$ (10)	\$ (10)	\$ (7)	\$ (4)	\$ (1)	\$ (0)	\$ 2	\$ 4	\$ 5	\$ 4	\$ 4

Notes:

- (a) Pre-tax opening balances are restated based on current income tax rates, to reflect grossed-up after tax amounts.
(b) For rate setting purposes MCRA pre-tax balances include grossed-up projected deferred interest of approximately \$5.3 million credit as at December 31, 2019.
(c) For rate setting purposes MCRA after tax balances are independently grossed-up to reflect pre-tax amounts.

Slight differences in totals due to rounding.

FortisBC Energy Inc. - Mainland and Vancouver Island Service Area
MCRA After-Tax Monthly Balances
Recorded to October 2019 and Forecast to December 2021



FORTISBC ENERGY INC.
SUMMARY OF BIOMETHANE VARIANCE ACCOUNT (BVA) QUANTITIES
ACTUAL AND FORECAST ACTIVITY
(Quantities shown in TJ)

Tab 4
Page 1

Line No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1		Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Forecast	Forecast	Total
2		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	2019
3	Biomethane Available for Sale - Beginning	-	-	-	-	-	6.2	2.6	6.4	9.9	21.0	21.2	23.9	-
4	Purchases	47.9	47.8	43.0	31.3	29.0	15.9	23.5	11.3	17.1	16.1	25.3	25.3	333.5
5	Sales	(47.9)	(47.8)	(43.0)	(31.3)	(22.8)	(19.5)	(19.6)	(7.8)	(6.0)	(16.0)	(22.6)	(25.1)	(309.4)
6	Biomethane Available for Sale - Ending	-	-	-	-	6.2	2.6	6.4	9.9	21.0	21.2	23.9	24.1	24.1
7														
8														
9		Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Total
10		Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020
11	Biomethane Available for Sale - Beginning	24.1	0.0	0.0	0.0	0.0	0.0	0.7	10.2	23.3	33.3	38.0	34.5	24.1
12	Purchases	27.2	49.0	47.6	36.7	28.7	23.3	31.1	33.9	33.7	35.9	35.7	35.9	418.5
13	Sales	(51.2)	(49.0)	(47.6)	(36.7)	(28.7)	(22.6)	(21.6)	(20.8)	(23.7)	(31.1)	(39.2)	(51.5)	(423.8)
14	Biomethane Available for Sale - Ending	0.0	0.0	0.0	0.0	0.0	0.7	10.2	23.3	33.3	38.0	34.5	18.8	18.8
15														
16														
17		Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Total
18		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021
19	Biomethane Available for Sale - Beginning	18.8	2.4	0.0	0.0	0.0	1.1	9.5	24.3	40.0	52.3	57.3	55.5	18.8
20	Purchases	38.8	59.6	61.6	48.6	40.1	39.9	45.1	45.1	44.9	45.1	44.9	45.1	558.9
21	Sales	(55.2)	(61.9)	(61.6)	(48.6)	(39.0)	(31.6)	(30.3)	(29.4)	(32.7)	(40.1)	(46.7)	(59.2)	(536.2)
22	Biomethane Available for Sale - Ending	2.4	0.0	0.0	0.0	1.1	9.5	24.3	40.0	52.3	57.3	55.5	41.4	41.4

Slight differences in totals due to rounding.

FORTISBC ENERGY INC.
SUMMARY OF BVA BALANCES AT EXISTING AND PROPOSED BIOMETHANE ENERGY RECOVERY CHARGE (BERC)
ACTUAL AND FORECAST ACTIVITY
(Amounts shown in \$000)

Tab 4
Page 2

Line No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1		Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Forecast	Forecast	Total
2		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	2019
3	BVA Balance - Beginning (Pre-tax)	\$ -	\$ 287	\$ 407	\$ 837	\$ 1,075	\$ 1,383	\$ 1,603	\$ 1,813	\$ 2,035	\$ 2,373	\$ 2,672	\$ 3,036	\$ -
4	Costs Incurred	776	609	858	555	538	417	407	302	400	463	596	442	6,366
5	Revenue from Existing BERC Rate	(490)	(489)	(429)	(316)	(230)	(197)	(198)	(80)	(62)	(164)	(232)	(259)	(3,146)
6	BVA Balance - Ending (Pre-tax)	\$ 287	\$ 407	\$ 837	\$ 1,075	\$ 1,383	\$ 1,603	\$ 1,813	\$ 2,035	\$ 2,373	\$ 2,672	\$ 3,036	\$ 3,219	\$ 3,219
7														
8	BVA Balance - Ending (After Tax)	\$ 209	\$ 297	\$ 611	\$ 785	\$ 1,009	\$ 1,170	\$ 1,323	\$ 1,486	\$ 1,732	\$ 1,950	\$ 2,216	\$ 2,350	\$ 2,350
9														
10	Adjustment for Value of Unsold Biomethane at Proposed BERC Rate (After Tax)													\$ (185)
11	Balance to Transfer to BVA Rate Rider Account													\$ 2,165
12														
13		Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Total
14		Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020
15	BVA Balance - Beginning (Pre-tax)	\$ 253	\$ 291	\$ 500	\$ 674	\$ 904	\$ 1,175	\$ 1,481	\$ 2,002	\$ 2,606	\$ 3,177	\$ 3,699	\$ 4,135	\$ 253
16	Costs Incurred	577	726	676	616	574	544	748	823	821	850	850	716	8,520
17	Revenue from Proposed BERC Rate	(540)	(516)	(502)	(386)	(303)	(238)	(227)	(219)	(249)	(328)	(413)	(543)	(4,465)
18	BVA Balance - Ending (Pre-tax)	\$ 291	\$ 500	\$ 674	\$ 904	\$ 1,175	\$ 1,481	\$ 2,002	\$ 2,606	\$ 3,177	\$ 3,699	\$ 4,135	\$ 4,309	\$ 4,309
19														
20	BVA Balance - Ending (After Tax)	\$ 212	\$ 365	\$ 492	\$ 660	\$ 858	\$ 1,081	\$ 1,461	\$ 1,902	\$ 2,319	\$ 2,700	\$ 3,019	\$ 3,145	\$ 3,145
21														
22	Adjustment for Value of Unsold Biomethane at Proposed BERC Rate (After Tax)													\$ (144)
23	Balance to Transfer to BVA Rate Rider Account													\$ 3,001
24														
25		Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Total
26		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021
27	BVA Balance - Beginning (Pre-tax)	\$ 198	\$ 326	\$ 517	\$ 676	\$ 928	\$ 1,246	\$ 1,639	\$ 2,360	\$ 3,091	\$ 3,784	\$ 4,402	\$ 4,955	\$ 198
28	Costs Incurred	709	844	808	764	729	726	1,040	1,040	1,037	1,040	1,045	897	10,680
29	Revenue from Proposed BERC Rate	(582)	(652)	(649)	(512)	(411)	(332)	(319)	(309)	(344)	(422)	(492)	(623)	(5,649)
30	BVA Balance - Ending (Pre-tax)	\$ 326	\$ 517	\$ 676	\$ 928	\$ 1,246	\$ 1,639	\$ 2,360	\$ 3,091	\$ 3,784	\$ 4,402	\$ 4,955	\$ 5,229	\$ 5,229
31														
32	BVA Balance - Ending (After Tax)	\$ 238	\$ 378	\$ 493	\$ 677	\$ 909	\$ 1,197	\$ 1,723	\$ 2,257	\$ 2,763	\$ 3,213	\$ 3,617	\$ 3,817	\$ 3,817
33														
34	Adjustment for Value of Unsold Biomethane at Proposed BERC Rate (After Tax)													\$ (319)
35	Balance to Transfer to BVA Rate Rider Account													\$ 3,498

Slight differences in totals due to rounding.

FORTISBC ENERGY INC.
COST RECOVERY BY RATE CLASS FOR BIOMETHANE
ACTUAL AND FORECAST ACTIVITY

Tab 4
Page 3

Line		Recorded Jan 19	Recorded Feb 19	Recorded Mar 19	Recorded Apr 19	Recorded May 19	Recorded Jun 19	Recorded Jul 19	Recorded Aug 19	Recorded Sep 19	Recorded Oct 19	Forecast Nov 19	Forecast Dec 19	Total 2019
1	Sales													
2	Residential	15,989	18,733	12,880	7,995	4,162	3,164	3,083	2,935	3,896	10,204	10,655	13,262	106,958
3	Commercial	5,711	3,718	5,401	2,142	1,911	1,042	1,174	836	1,129	3,893	11,933	11,883	50,773
4	On/Off System & Other	26,220	25,301	24,765	21,144	16,722	15,323	15,329	4,039	967	1,885	-	-	151,695
5	Total Sales	(GJ) 47,920	47,752	43,046	31,281	22,795	19,529	19,586	7,810	5,992	15,982	22,588	25,145	309,426
6														
7	Effective Rate (\$/GJ) \$ 10.287													
8	Cost Recovered													
9	Residential	\$ 164,508	\$ 192,711	\$ 132,498	\$ 82,240	\$ 42,817	\$ 32,552	\$ 31,725	\$ 30,202	\$ 40,090	\$ 104,968	\$ 109,608	\$ 136,426	\$ 1,100,347
10	Commercial	58,541	38,245	55,570	22,037	19,662	10,719	12,290	8,538	11,999	40,047	122,755	122,240	522,643
11	On/Off System & Other	266,586	258,422	240,558	212,074	167,737	153,654	153,723	41,147	9,948	19,391	-	-	1,523,240
12	Total Recovered	\$ 489,635	\$ 489,379	\$ 428,626	\$ 316,351	\$ 230,216	\$ 196,925	\$ 197,738	\$ 79,888	\$ 62,036	\$ 164,407	\$ 232,363	\$ 258,667	\$ 3,146,230
13														
14														
15		Forecast Jan 20	Forecast Feb 20	Forecast Mar 20	Forecast Apr 20	Forecast May 20	Forecast Jun 20	Forecast Jul 20	Forecast Aug 20	Forecast Sep 20	Forecast Oct 20	Forecast Nov 20	Forecast Dec 20	Total 2020
17	Sales													
18	Residential	23,844	15,976	13,806	9,147	5,529	3,631	3,034	2,946	4,786	8,764	12,411	15,645	119,519
19	Commercial	8,869	12,822	11,898	10,107	8,941	7,738	7,621	7,481	8,312	11,138	12,782	18,016	125,725
20	On/Off System & Other	18,516	20,215	21,901	17,433	14,264	11,239	10,930	10,379	10,580	11,234	14,018	17,875	178,584
21	Total Sales	(GJ) 51,229	49,013	47,605	36,687	28,734	22,608	21,585	20,806	23,678	31,136	39,211	51,536	423,828
22														
23	Proposed Rate (\$/GJ) \$ 10.535													
24	Cost Recovered													
25	Residential	\$ 251,197	\$ 168,307	\$ 145,446	\$ 96,364	\$ 58,248	\$ 38,253	\$ 31,963	\$ 31,036	\$ 50,421	\$ 92,329	\$ 130,750	\$ 164,820	\$ 1,259,133
26	Commercial	93,435	135,080	125,345	106,477	94,193	81,520	80,287	78,812	87,567	117,339	134,658	189,799	1,324,513
27	On/Off System & Other	195,066	212,965	230,727	183,657	150,271	118,403	115,148	109,343	111,460	118,350	147,680	188,313	1,881,382
28	Total Recovered	\$ 539,698	\$ 516,352	\$ 501,519	\$ 386,498	\$ 302,713	\$ 238,175	\$ 227,398	\$ 219,191	\$ 249,448	\$ 328,018	\$ 413,088	\$ 542,932	\$ 4,465,028
29														
30														
31		Forecast Jan 21	Forecast Feb 21	Forecast Mar 21	Forecast Apr 21	Forecast May 21	Forecast Jun 21	Forecast Jul 21	Forecast Aug 21	Forecast Sep 21	Forecast Oct 21	Forecast Nov 21	Forecast Dec 21	Total 2021
33	Sales													
34	Residential	16,544	15,976	13,806	9,147	5,529	3,631	3,034	2,946	4,786	8,764	12,411	15,749	112,323
35	Commercial	9,379	14,211	13,581	11,480	9,927	8,486	8,252	8,128	9,408	12,699	14,166	21,059	140,776
36	On/Off System & Other	29,284	31,734	34,244	27,966	23,560	19,441	18,996	18,283	18,492	18,635	20,090	22,371	283,096
37	Total Sales	(GJ) 55,207	61,921	61,631	48,593	39,016	31,558	30,282	29,357	32,686	40,098	46,667	59,179	536,195
38														
39	Proposed Rate (\$/GJ) \$ 10.535													
40	Cost Recovered													
41	Residential	\$ 174,291	\$ 168,307	\$ 145,446	\$ 96,364	\$ 58,248	\$ 38,253	\$ 31,963	\$ 31,036	\$ 50,421	\$ 92,329	\$ 130,750	\$ 165,916	\$ 1,183,323
42	Commercial	98,808	149,713	143,076	120,942	104,581	89,400	86,935	85,628	99,113	133,784	149,239	221,857	1,483,075
43	On/Off System & Other	308,507	334,318	360,761	294,622	248,205	204,811	200,123	192,611	194,813	196,320	211,648	235,678	2,982,416
44	Total Recovered	\$ 581,606	\$ 652,338	\$ 649,283	\$ 511,927	\$ 411,034	\$ 332,464	\$ 319,021	\$ 309,276	\$ 344,347	\$ 422,432	\$ 491,637	\$ 623,451	\$ 5,648,814

FORTISBC ENERGY INC.
INCURRED COSTS FOR BIOMETHANE
ACTUAL AND FORECAST ACTIVITY 2019

Tab 4

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Line		Recorded Jan 19	Recorded Feb 19	Recorded Mar 19	Recorded Apr 19	Recorded May 19	Recorded Jun 19	Recorded Jul 19	Recorded Aug 19	Recorded Sep 19	Recorded Oct 19	Forecast Nov 19	Forecast Dec 19	Total 2019
1	All Supply Projects													
2	Total Purchases (GJ) ^(a)	47,920	47,752	43,046	31,281	28,993	15,882	23,483	11,292	17,085	16,147	25,300	25,300	333,481
3	Biogas / Biomethane Purchase Costs	\$ 267,841	\$ 196,308	\$ 208,395	\$ 206,651	\$ 280,067	\$ 236,802	\$ 271,096	\$ 71,129	\$ 178,683	\$ 179,109	\$ 307,479	\$ 153,187	\$ 2,556,748
4														
5	Salmon Arm Cost of Service													
6	Cost of Service before O&M	\$ 30,924	\$ 30,924	\$ 30,924	\$ 30,924	\$ 30,924	\$ 30,924	\$ 30,924	\$ 30,924	\$ 30,924	\$ 30,924	\$ 30,924	\$ 30,924	\$ 371,092
7	O&M Costs	16,207	11,951	21,534	12,473	41,298	16,336	7,536	9,655	12,792	21,133	21,133	21,133	213,182
8	Total	<u>\$ 47,132</u>	<u>\$ 42,875</u>	<u>\$ 52,458</u>	<u>\$ 43,397</u>	<u>\$ 72,222</u>	<u>\$ 47,261</u>	<u>\$ 38,460</u>	<u>\$ 40,579</u>	<u>\$ 43,716</u>	<u>\$ 52,058</u>	<u>\$ 52,058</u>	<u>\$ 52,058</u>	<u>\$ 584,274</u>
9														
10	Kelowna Cost of Service													
11	Cost of Service before O&M	\$ 83,131	\$ 83,131	\$ 83,131	\$ 83,131	\$ 83,131	\$ 83,131	\$ 83,131	\$ 83,131	\$ 83,131	\$ 83,131	\$ 83,131	\$ 83,131	\$ 997,568
12	O&M Costs	65,587	56,317	64,672	38,394	44,510	(26,952)	(60,406)	35,670	32,207	78,335	78,335	78,335	485,003
13	Total	<u>\$ 148,717</u>	<u>\$ 139,448</u>	<u>\$ 147,803</u>	<u>\$ 121,525</u>	<u>\$ 127,640</u>	<u>\$ 56,179</u>	<u>\$ 22,725</u>	<u>\$ 118,800</u>	<u>\$ 115,338</u>	<u>\$ 161,466</u>	<u>\$ 161,466</u>	<u>\$ 161,466</u>	<u>\$ 1,482,571</u>
14														
15	City of Surrey Cost of Service													
16	Cost of Service before O&M	\$ 5,568	\$ 5,568	\$ 5,568	\$ 5,568	\$ 5,568	\$ 5,568	\$ 5,568	\$ 5,568	\$ 5,568	\$ 5,568	\$ 5,568	\$ 5,568	\$ 66,813
17	O&M Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Facility Fee	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(147,900)
19	Total	<u>\$ (6,757)</u>	<u>\$ (6,757)</u>	<u>\$ (6,757)</u>	<u>\$ (6,757)</u>	<u>\$ (6,757)</u>	<u>\$ (6,757)</u>	<u>\$ (6,757)</u>	<u>\$ (6,757)</u>	<u>\$ (6,757)</u>	<u>\$ (6,757)</u>	<u>\$ (6,757)</u>	<u>\$ (6,757)</u>	<u>\$ (81,087)</u>
20														
21	General Admin. Costs	\$ 86,883	\$ 49,214	\$ 73,379	\$ 127,521	\$ 64,802	\$ 83,842	\$ 81,937	\$ 78,284	\$ 68,918	\$ 77,427	\$ 82,167	\$ 82,167	\$ 956,541
22	Replacement RNG	\$ 232,666	\$ 188,126	\$ 383,171	\$ 62,492	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 866,456
23														
24														
25														
26	Total Cost	<u>\$ 776,482</u>	<u>\$ 609,215</u>	<u>\$ 858,449</u>	<u>\$ 554,829</u>	<u>\$ 537,974</u>	<u>\$ 417,326</u>	<u>\$ 407,460</u>	<u>\$ 302,035</u>	<u>\$ 399,897</u>	<u>\$ 463,303</u>	<u>\$ 596,412</u>	<u>\$ 442,120</u>	<u>\$ 6,365,503</u>

Notes: (a) Total purchases include approved projects only.

FORTISBC ENERGY INC.
INCURRED COSTS FOR BIOMETHANE
ACTUAL AND FORECAST ACTIVITY 2020

Tab 4
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Line		Forecast Jan 20	Forecast Feb 20	Forecast Mar 20	Forecast Apr 20	Forecast May 20	Forecast Jun 20	Forecast Jul 20	Forecast Aug 20	Forecast Sep 20	Forecast Oct 20	Forecast Nov 20	Forecast Dec 20	Total 2020
1	All Supply Projects													
2	Total Purchases (GJ) ^(a)	27,183	49,013	47,605	36,687	28,734	23,325	31,100	33,850	33,675	35,850	35,675	35,850	418,547
3	Biogas / Biomethane Purchase Costs	\$ 285,449	\$ 277,609	\$ 286,124	\$ 283,511	\$ 286,124	\$ 283,511	\$ 487,524	\$ 562,516	\$ 559,903	\$ 589,316	\$ 589,129	\$ 455,686	\$ 4,946,401
4														
5	Salmon Arm Cost of Service													
6	Cost of Service before O&M	\$ 29,124	\$ 29,124	\$ 29,124	\$ 29,124	\$ 29,124	\$ 29,124	\$ 29,124	\$ 29,124	\$ 29,124	\$ 29,124	\$ 29,124	\$ 29,124	\$ 349,492
7	O&M Costs	16,167	16,167	16,167	16,167	16,167	16,167	16,167	16,167	16,167	16,167	16,167	16,167	194,000
8	Total	<u>\$ 45,291</u>	<u>\$ 45,291</u>	<u>\$ 45,291</u>	<u>\$ 45,291</u>	<u>\$ 45,291</u>	<u>\$ 45,291</u>	<u>\$ 45,291</u>	<u>\$ 45,291</u>	<u>\$ 45,291</u>	<u>\$ 45,291</u>	<u>\$ 45,291</u>	<u>\$ 45,291</u>	<u>\$ 543,492</u>
9														
10	Kelowna Cost of Service													
11	Cost of Service before O&M	\$ 90,086	\$ 90,086	\$ 90,086	\$ 90,086	\$ 90,086	\$ 90,086	\$ 90,086	\$ 90,086	\$ 90,086	\$ 90,086	\$ 90,086	\$ 90,086	\$ 1,081,035
12	O&M Costs	41,000	41,000	41,000	41,000	41,000	41,000	41,000	41,000	41,000	41,000	41,000	41,000	492,000
13	Total	<u>\$ 131,086</u>	<u>\$ 131,086</u>	<u>\$ 131,086</u>	<u>\$ 131,086</u>	<u>\$ 131,086</u>	<u>\$ 131,086</u>	<u>\$ 131,086</u>	<u>\$ 131,086</u>	<u>\$ 131,086</u>	<u>\$ 131,086</u>	<u>\$ 131,086</u>	<u>\$ 131,086</u>	<u>\$ 1,573,035</u>
14														
15	City of Surrey Cost of Service													
16	Cost of Service before O&M	\$ 7,563	\$ 7,563	\$ 7,563	\$ 7,563	\$ 7,563	\$ 7,563	\$ 7,563	\$ 7,563	\$ 7,563	\$ 7,563	\$ 7,563	\$ 7,563	\$ 90,759
17	O&M Costs	833	833	833	833	833	833	833	833	833	833	833	833	10,000
18	Facility Fee	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(147,899)
19	Total	<u>\$ (3,928)</u>	<u>\$ (3,928)</u>	<u>\$ (3,928)</u>	<u>\$ (3,928)</u>	<u>\$ (3,928)</u>	<u>\$ (3,928)</u>	<u>\$ (3,928)</u>	<u>\$ (3,928)</u>	<u>\$ (3,928)</u>	<u>\$ (3,928)</u>	<u>\$ (3,928)</u>	<u>\$ (3,928)</u>	<u>\$ (47,140)</u>
20														
21	General Admin. Costs	\$ 88,167	\$ 88,167	\$ 88,167	\$ 88,167	\$ 88,167	\$ 88,167	\$ 88,167	\$ 88,167	\$ 88,167	\$ 88,167	\$ 88,167	\$ 88,167	\$ 1,058,000
22	Replacement RNG	\$ 31,026	\$ 187,614	\$ 128,827	\$ 71,590	\$ 27,623	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 446,680
23														
24														
25														
26	Total Cost	<u>\$ 577,091</u>	<u>\$ 725,839</u>	<u>\$ 675,566</u>	<u>\$ 615,716</u>	<u>\$ 574,363</u>	<u>\$ 544,126</u>	<u>\$ 748,139</u>	<u>\$ 823,132</u>	<u>\$ 820,519</u>	<u>\$ 849,932</u>	<u>\$ 849,745</u>	<u>\$ 716,302</u>	<u>\$ 8,520,468</u>

Notes: (a) Total purchases include approved projects only.

FORTISBC ENERGY INC.
INCURRED COSTS FOR BIOMETHANE
ACTUAL AND FORECAST ACTIVITY 2021

Tab 4
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Line		Forecast Jan 21	Forecast Feb 21	Forecast Mar 21	Forecast Apr 21	Forecast May 21	Forecast Jun 21	Forecast Jul 21	Forecast Aug 21	Forecast Sep 21	Forecast Oct 21	Forecast Nov 21	Forecast Dec 21	Total 2021
1	All Supply Projects													
2	Total Purchases (GJ) ^(a)	38,800	59,563	61,631	48,593	40,100	39,925	45,100	45,100	44,925	45,100	44,925	45,100	558,862
3	Biogas / Biomethane Purchase Costs	\$ 453,419	\$ 445,423	\$ 455,328	\$ 452,662	\$ 472,748	\$ 470,082	\$ 784,148	\$ 784,148	\$ 781,482	\$ 784,148	\$ 788,793	\$ 640,984	\$ 7,313,363
4														
5	Salmon Arm Cost of Service													
6	Cost of Service before O&M	\$ 29,954	\$ 29,954	\$ 29,954	\$ 29,954	\$ 29,954	\$ 29,954	\$ 29,954	\$ 29,954	\$ 29,954	\$ 29,954	\$ 29,954	\$ 29,954	\$ 359,447
7	O&M Costs	16,167	16,167	16,167	16,167	16,167	16,167	16,167	16,167	16,167	16,167	16,167	16,167	194,000
8	Total	<u>\$ 46,121</u>	<u>\$ 46,121</u>	<u>\$ 46,121</u>	<u>\$ 46,121</u>	<u>\$ 46,121</u>	<u>\$ 46,121</u>	<u>\$ 46,121</u>	<u>\$ 46,121</u>	<u>\$ 46,121</u>	<u>\$ 46,121</u>	<u>\$ 46,121</u>	<u>\$ 46,121</u>	<u>\$ 553,447</u>
9														
10	Kelowna Cost of Service													
11	Cost of Service before O&M	\$ 90,514	\$ 90,514	\$ 90,514	\$ 90,514	\$ 90,514	\$ 90,514	\$ 90,514	\$ 90,514	\$ 90,514	\$ 90,514	\$ 90,514	\$ 90,514	\$ 1,086,166
12	O&M Costs	41,000	41,000	41,000	41,000	41,000	41,000	41,000	41,000	41,000	41,000	41,000	41,000	492,000
13	Total	<u>\$ 131,514</u>	<u>\$ 131,514</u>	<u>\$ 131,514</u>	<u>\$ 131,514</u>	<u>\$ 131,514</u>	<u>\$ 131,514</u>	<u>\$ 131,514</u>	<u>\$ 131,514</u>	<u>\$ 131,514</u>	<u>\$ 131,514</u>	<u>\$ 131,514</u>	<u>\$ 131,514</u>	<u>\$ 1,578,166</u>
14														
15	City of Surrey Cost of Service													
16	Cost of Service before O&M	\$ 7,477	\$ 7,477	\$ 7,477	\$ 7,477	\$ 7,477	\$ 7,477	\$ 7,477	\$ 7,477	\$ 7,477	\$ 7,477	\$ 7,477	\$ 7,477	\$ 89,725
17	O&M Costs	850	850	850	850	850	850	850	850	850	850	850	850	10,200
18	Facility Fee	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(12,325)	(147,899)
19	Total	<u>\$ (3,998)</u>	<u>\$ (3,998)</u>	<u>\$ (3,998)</u>	<u>\$ (3,998)</u>	<u>\$ (3,998)</u>	<u>\$ (3,998)</u>	<u>\$ (3,998)</u>	<u>\$ (3,998)</u>	<u>\$ (3,998)</u>	<u>\$ (3,998)</u>	<u>\$ (3,998)</u>	<u>\$ (3,998)</u>	<u>\$ (47,974)</u>
20														
21	General Admin. Costs	\$ 82,333	\$ 82,333	\$ 82,333	\$ 82,333	\$ 82,333	\$ 82,333	\$ 82,333	\$ 82,333	\$ 82,333	\$ 82,333	\$ 82,333	\$ 82,333	\$ 988,000
22	Replacement RNG	\$ -	\$ 142,623	\$ 96,249	\$ 55,741	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 294,613
23														
24														
25														
26	Total Cost	<u>\$ 709,389</u>	<u>\$ 844,016</u>	<u>\$ 807,546</u>	<u>\$ 764,373</u>	<u>\$ 728,718</u>	<u>\$ 726,052</u>	<u>\$ 1,040,118</u>	<u>\$ 1,040,118</u>	<u>\$ 1,037,452</u>	<u>\$ 1,040,118</u>	<u>\$ 1,044,763</u>	<u>\$ 896,954</u>	<u>\$ 10,679,616</u>

Notes: (a) Total purchases include approved projects only.

FORTISBC ENERGY INC.
AGE OF BIOMETHANE INVENTORY SOLD

Tab 4
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Date	Monthly Activity				Cumulative Quantities		
	Beginning Balance (in TJ)	Quantity Purchased ^(a) (in TJ)	Quantity Sold (in TJ)	Ending Balance (in TJ)	Biomethane Purchases ^(a) (in TJ)	Biomethane Sales (in TJ)	Age of Inventory Sold (Month)
Jan-18	(46.95)	8.31	(27.56)	(66.20)	734.46	(800.66)	-
Feb-18	(66.20)	8.93	(39.70)	(96.96)	743.39	(840.36)	-
Mar-18	(96.96)	8.62	(31.15)	(119.49)	752.02	(871.51)	-
Apr-18	(119.49)	10.77	(19.11)	(127.83)	762.79	(890.62)	-
May-18	(127.83)	10.86	(10.50)	(127.47)	773.65	(901.13)	-
Jun-18	(127.47)	139.82	(12.35)	-	913.47	(913.47)	-
Jul-18	-	21.19	(11.52)	9.67	934.66	(924.99)	-
Aug-18	9.67	20.15	(10.62)	19.20	954.81	(935.61)	-
Sep-18	19.20	20.57	(12.48)	27.29	975.38	(948.09)	1
Oct-18	27.29	22.18	(19.42)	30.04	997.56	(967.52)	1
Nov-18	30.04	20.84	(41.21)	9.67	1,018.40	(1,008.73)	1
Dec-18	9.67	30.89	(40.56)	-	1,049.29	(1,049.29)	-
Jan-19	-	47.92	(47.92)	-	1,097.21	(1,097.21)	-
Feb-19	-	47.75	(47.75)	-	1,144.96	(1,144.96)	-
Mar-19	-	43.05	(43.05)	-	1,188.01	(1,188.01)	-
Apr-19	-	31.28	(31.28)	-	1,219.29	(1,219.29)	-
May-19	-	28.99	(22.80)	6.19	1,248.28	(1,242.09)	1
Jun-19	6.19	15.88	(19.53)	2.54	1,264.16	(1,261.62)	1
Jul-19	2.54	23.48	(19.59)	6.43	1,287.64	(1,281.21)	1
Aug-19	6.43	11.29	(7.81)	9.91	1,298.93	(1,289.02)	1
Sep-19	9.91	17.08	(5.99)	21.00	1,316.01	(1,295.01)	2
Oct-19	21.00	16.15	(15.98)	21.17	1,332.16	(1,310.99)	2

(a) RNG supply is purchased and tracked on a monthly basis. However, Replacement Renewable Natural Gas (RRNG) is purchased on an as required basis depending on supply and demand balances.

RRNG consists of the cost of carbon offsets (which are purchased in bulk), the cost of conventional natural gas at Huntingdon, and the value of lost carbon tax refunds.

FORTISBC ENERGY INC.
CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY
PROPOSED JANUARY 1, 2020 RATES
BCUC ORDERS G-XX-19 G-XX-19 G-XX-19

TAB 5
PAGE 1
SCHEDULE 1

RATE SCHEDULE 1: RESIDENTIAL SERVICE		EXISTING RATES JULY 1, 2019	DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES	PROPOSED JANUARY 1, 2020 RATES ^{1, 2}
Line No.	Particulars	Mainland and Vancouver Island	Mainland and Vancouver Island	Mainland and Vancouver Island
	(1)	(2)	(3)	(4)
1	<u>Delivery Margin Related Charges</u>			
2	Basic Charge per Day	\$0.4085	\$0.0000	\$0.4085
3				
4	Delivery Charge per GJ	\$4.376	\$0.123	\$4.499
5	Rider 3 BVA Rate Rider per GJ	\$0.018	\$0.001	\$0.019
6	Rider 5 RSAM per GJ	(\$0.045)	\$0.123	\$0.078
7	Subtotal Delivery Margin Related Charges per GJ	\$4.349	\$0.247	\$4.596
8				
9				
10	<u>Commodity Related Charges</u>			
11	Storage and Transport Charge per GJ	\$1.485	(\$0.398)	\$1.087
12	Rider 6 MCRA per GJ	(\$0.023)	(\$0.045)	(\$0.068)
13	Subtotal Storage and Transport Related Charges per GJ	\$1.462	(\$0.443)	\$1.019
14				
15	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.549	\$0.000	\$1.549
16				
17				
18	Rider 1 Propane Surcharge per GJ (Revelstoke only)	\$6.414	\$2.130	\$8.544
19				
20				
21	Cost of Gas Recovery Related Charges for Revelstoke	\$9.448	\$1.732	\$11.180
22	per GJ (Includes Rider 1, excludes Rider 6)			

¹ Variable delivery rates, reflect a 2% increase as applied for with the BCUC on October 29, 2019 in the FEI Application for Approval of 2020 Rates on an Interim Basis Effective January 1, 2020.

² The BVA rate rider 3 and RSAM rate rider 5 (if applicable) are proposed as per the FEI Application for Approval of the Biomethane Variance Account and the Revenue Stabilization Adjustment Mechanism Rate Riders effective January 1, 2020 .

FORTISBC ENERGY INC.
CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY
PROPOSED JANUARY 1, 2020 RATES
BCUC ORDERS G-XX-19 G-XX-19

TAB 5
PAGE 2
SCHEDULE 1B

RATE SCHEDULE 1B: RESIDENTIAL BIOMETHANE SERVICE		EXISTING RATES JANUARY 1, 2019	DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES	PROPOSED JANUARY 1, 2020 RATES ^{1, 2}
Line No.	Particulars	Mainland and Vancouver Island	Mainland and Vancouver Island	Mainland and Vancouver Island
	(1)	(2)	(3)	(4)
1	<u>Delivery Margin Related Charges</u>			
2	Basic Charge per Day	\$0.4085	\$0.0000	\$0.4085
3				
4	Delivery Charge per GJ	\$4.376	\$0.123	\$4.499
5	Rider 3 BVA Rate Rider per GJ	\$0.018	\$0.001	\$0.019
6	Rider 5 RSAM per GJ	(\$0.045)	\$0.123	\$0.078
7	Subtotal Delivery Margin Related Charges per GJ	\$4.349	\$0.247	\$4.596
8				
9				
10	<u>Commodity Related Charges</u>			
11	Storage and Transport Charge per GJ	\$1.485	(\$0.398)	\$1.087
12	Rider 6 MCRA per GJ	(\$0.023)	(\$0.045)	(\$0.068)
13	Subtotal Storage and Transport Related Charges per GJ	\$1.462	(\$0.443)	\$1.019
14				
15				
16	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.549	\$0.000	\$1.549
17				
18	Cost of Biomethane per GJ	\$10.287	\$0.248	\$10.535
19	(Biomethane Energy Recovery Charge)			

¹ Variable delivery rates reflect a 2% increase as applied for with the BCUC on October 29, 2019 in the FEI Application for Approval of 2020 Rates on an Interim Basis Effective January 1, 2020.

² The BVA rate rider 3 and RSAM rate rider 5 (if applicable) are proposed as per the FEI Application for Approval of the Biomethane Variance Account and the Revenue Stabilization Adjustment Mechanism Rate Riders effective January 1, 2020 .

FORTISBC ENERGY INC.
CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY
PROPOSED JANUARY 1, 2020 RATES
BCUC ORDERS G-XX-19 G-XX-19 G-XX-19

TAB 5
PAGE 3
SCHEDULE 2

RATE SCHEDULE 2: SMALL COMMERCIAL SERVICE		EXISTING RATES JULY 1, 2019	DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES	PROPOSED JANUARY 1, 2020 RATES ^{1, 2}
Line No.	Particulars	Mainland and Vancouver Island	Mainland and Vancouver Island	Mainland and Vancouver Island
	(1)	(2)	(3)	(4)
1	<u>Delivery Margin Related Charges</u>			
2	Basic Charge per Day	\$0.9485	\$0.0000	\$0.9485
3				
4	Delivery Charge per GJ	\$3.384	\$0.088	\$3.472
5	Rider 3 BVA Rate Rider per GJ	\$0.018	\$0.001	\$0.019
6	Rider 5 RSAM per GJ	(\$0.045)	\$0.123	\$0.078
7	Subtotal Delivery Margin Related Charges per GJ	\$3.357	\$0.212	\$3.569
8				
9				
10	<u>Commodity Related Charges</u>			
11	Storage and Transport Charge per GJ	\$1.490	(\$0.387)	\$1.103
12	Rider 6 MCRA per GJ	(\$0.023)	(\$0.046)	(\$0.069)
13	Subtotal Storage and Transport Related Charges per GJ	\$1.467	(\$0.433)	\$1.034
14				
15	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.549	\$0.000	\$1.549
16				
17				
18	Rider 1 Propane Surcharge per GJ (Revelstoke only)	\$5.318	\$2.119	\$7.437
19				
20				
21	Cost of Gas Recovery Related Charges for Revelstoke	\$8.357	\$1.732	\$10.089
22	per GJ (Includes Rider 1, excludes Rider 6)			

¹ Variable delivery rates reflect a 2% increase as applied for with the BCUC on October 29, 2019 in the FEI Application for Approval of 2020 Rates on an Interim Basis Effective January 1, 2020.

² The BVA rate rider 3 and RSAM rate rider 5 (if applicable) are proposed as per the FEI Application for Approval of the Biomethane Variance Account and the Revenue Stabilization Adjustment Mechanism Rate Riders effective January 1, 2020 .

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SCHEDULE 2B

RATE SCHEDULE 2B: SMALL COMMERCIAL BIOMETHANE SERVICE		EXISTING RATES JANUARY 1, 2019	DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES	PROPOSED JANUARY 1, 2020 RATES ^{1, 2}
Line No.	Particulars	Mainland and Vancouver Island	Mainland and Vancouver Island	Mainland and Vancouver Island
	(1)	(2)	(3)	(4)
1	<u>Delivery Margin Related Charges</u>			
2	Basic Charge per Day	\$0.9485	\$0.0000	\$0.9485
3				
4	Delivery Charge per GJ	\$3.384	\$0.088	\$3.472
5	Rider 3 BVA Rate Rider per GJ	\$0.018	\$0.001	\$0.019
6	Rider 5 RSAM per GJ	(\$0.045)	\$0.123	\$0.078
7	Subtotal Delivery Margin Related Charges per GJ	\$3.357	\$0.212	\$3.569
8				
9				
10	<u>Commodity Related Charges</u>			
11	Storage and Transport Charge per GJ	\$1.490	(\$0.387)	\$1.103
12	Rider 6 MCRA per GJ	(\$0.023)	(\$0.046)	(\$0.069)
14	Subtotal Storage and Transport Related Charges per GJ	\$1.467	(\$0.433)	\$1.034
15				
16	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.549	\$0.000	\$1.549
17				
18	Cost of Biomethane per GJ	\$10.287	\$0.248	\$10.535
19	(Biomethane Energy Recovery Charge)			

¹ Variable delivery rates reflect a 2% increase as applied for with the BCUC on October 29, 2019 in the FEI Application for Approval of 2020 Rates on an Interim Basis Effective January 1, 2020.

² The BVA rate rider 3 and RSAM rate rider 5 (if applicable) are proposed as per the FEI Application for Approval of the Biomethane Variance Account and the Revenue Stabilization Adjustment Mechanism Rate Riders effective January 1, 2020 .

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SCHEDULE 3

RATE SCHEDULE 3: LARGE COMMERCIAL SERVICE		EXISTING RATES JULY 1, 2019	DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES	PROPOSED JANUARY 1, 2020 RATES ^{1, 2}
Line No.	Particulars	Mainland and Vancouver Island	Mainland and Vancouver Island	Mainland and Vancouver Island
	(1)	(2)	(3)	(4)
1	<u>Delivery Margin Related Charges</u>			
2	Basic Charge per Day	\$4.7895	\$0.0000	\$4.7895
3				
4	Delivery Charge per GJ	\$2.977	\$0.069	\$3.046
5	Rider 3 BVA Rate Rider per GJ	\$0.018	\$0.001	\$0.019
6	Rider 5 RSAM per GJ	(\$0.045)	\$0.123	\$0.078
7	Subtotal Delivery Margin Related Charges per GJ	\$2.950	\$0.193	\$3.143
8				
9				
10	<u>Commodity Related Charges</u>			
11	Storage and Transport Charge per GJ	\$1.245	(\$0.325)	\$0.920
12	Rider 6 MCRA per GJ	(\$0.019)	(\$0.039)	(\$0.058)
13	Subtotal Storage and Transport Related Charges per GJ	\$1.226	(\$0.364)	\$0.862
14				
15	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.549	\$0.000	\$1.549
16				
17				
18	Rider 1 Propane Surcharge per GJ (Revelstoke only)	\$5.563	\$2.057	\$7.620
19				
20				
21	Cost of Gas Recovery Related Charges for Revelstoke	\$8.357	\$1.732	\$10.089
22	per GJ (Includes Rider 1, excludes Rider 6)			

¹ Variable delivery rates reflect a 2% increase as applied for with the BCUC on October 29, 2019 in the FEI Application for Approval of 2020 Rates on an Interim Basis Effective January 1, 2020.

² The BVA rate rider 3 and RSAM rate rider 5 (if applicable) are proposed as per the FEI Application for Approval of the Biomethane Variance Account and the Revenue Stabilization Adjustment Mechanism Rate Riders effective January 1, 2020 .

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SCHEDULE 3B

RATE SCHEDULE 3B: LARGE COMMERCIAL BIOMETHANE SERVICE		EXISTING RATES JANUARY 1, 2019	DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES	PROPOSED JANUARY 1, 2020 RATES ^{1, 2}
Line No.	Particulars (1)	Mainland and Vancouver Island (2)	Mainland and Vancouver Island (3)	Mainland and Vancouver Island (4)
1	<u>Delivery Margin Related Charges</u>			
2	Basic Charge per Day	\$4.7895	\$0.0000	\$4.7895
3				
4	Delivery Charge per GJ	\$2.977	\$0.069	\$3.046
5	Rider 3 BVA Rate Rider per GJ	\$0.018	\$0.001	\$0.019
6	Rider 5 RSAM per GJ	(\$0.045)	\$0.123	\$0.078
7	Subtotal Delivery Margin Related Charges per GJ	\$2.950	\$0.193	\$3.143
8				
9				
10	<u>Commodity Related Charges</u>			
11	Storage and Transport Charge per GJ	\$1.245	(\$0.325)	\$0.920
12	Rider 6 MCRA per GJ	(\$0.019)	(\$0.039)	(\$0.058)
13	Subtotal Storage and Transport Related Charges per GJ	\$1.226	(\$0.364)	\$0.862
14				
15	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.549	\$0.000	\$1.549
16				
17	Cost of Biomethane per GJ	\$10.287	\$0.248	\$10.535
18	(Biomethane Energy Recovery Charge)			

¹ Variable delivery rates reflect a 2% increase as applied for with the BCUC on October 29, 2019 in the FEI Application for Approval of 2020 Rates on an Interim Basis Effective January 1, 2020.

² The BVA rate rider 3 and RSAM rate rider 5 (if applicable) are proposed as per the FEI Application for Approval of the Biomethane Variance Account and the Revenue Stabilization Adjustment Mechanism Rate Riders effective January 1, 2020 .

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SCHEDULE 4

RATE SCHEDULE 4: SEASONAL FIRM GAS SERVICE		EXISTING RATES JANUARY 1, 2019	DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES	PROPOSED JANUARY 1, 2020 RATES ^{1, 2}
Line No.	Particulars	Mainland and Vancouver Island	Mainland and Vancouver Island	Mainland and Vancouver Island
	(1)	(2)	(3)	(4)
1	<u>Delivery Margin Related Charges</u>			
2	Basic Charge per Day	\$14.4230	\$0.0000	\$14.4230
3				
4	Delivery Charge per GJ			
5	(a) Off-Peak Period	\$1.353	\$0.040	\$1.393
6	(b) Extension Period	\$1.998	\$0.040	\$2.038
7				
8	Rider 3 BVA Rate Rider per GJ	\$0.018	\$0.001	\$0.019
9				
10	<u>Commodity Related Charges</u>			
11	Commodity Cost Recovery Charge per GJ			
12	(a) Off-Peak Period	\$1.549	\$0.000	\$1.549
13	(b) Extension Period	\$1.549	\$0.000	\$1.549
14				
15	Storage and Transport Charge per GJ			
16	(a) Off-Peak Period	\$1.029	(\$0.313)	\$0.716
17	(b) Extension Period	\$1.029	(\$0.313)	\$0.716
18				
19	Rider 6 MCRA per GJ	(\$0.016)	(\$0.029)	(\$0.045)
20				
21	Subtotal Commodity Related Charges per GJ			
22	(a) Off-Peak Period	\$2.562	(\$0.342)	\$2.220
23	(b) Extension Period	\$2.562	(\$0.342)	\$2.220
24				
25				
26				
27	Unauthorized Gas Charge per gigajoule			
28	during peak period			
29				
30				
31	Total Variable Cost per gigajoule between			
32	(a) Off-Peak Period	<u>\$3.933</u>	<u>(\$0.301)</u>	<u>\$3.632</u>
33	(b) Extension Period	<u>\$4.578</u>	<u>(\$0.301)</u>	<u>\$4.277</u>

¹ Variable delivery rates reflect a 2% increase as applied for with the BCUC on October 29, 2019 in the FEI Application for Approval of 2020 Rates on an Interim Basis Effective January 1, 2020.

² The BVA rate rider 3 and RSAM rate rider 5 (if applicable) are proposed as per the FEI Application for Approval of the Biomethane Variance Account and the Revenue Stabilization Adjustment Mechanism Rate Riders effective January 1, 2020 .

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SCHEDULE 5

RATE SCHEDULE 5 GENERAL FIRM SERVICE		EXISTING RATES JANUARY 1, 2019	DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES	PROPOSED JANUARY 1, 2020 RATES ^{1, 2}
Line No.	Particulars	Mainland and Vancouver Island	Mainland and Vancouver Island	Mainland and Vancouver Island
	(1)	(2)	(3)	(4)
1	<u>Delivery Margin Related Charges</u>			
2	Basic Charge per Month	\$469.00	\$0.00	\$469.00
3				
4	Demand Charge per GJ	\$23.358	\$0.473	\$23.831
5				
6	Delivery Charge per GJ	\$0.836	\$0.017	\$0.853
7				
8	Rider 3 BVA Rate Rider per GJ	\$0.018	\$0.001	\$0.019
9				
10				
11	<u>Commodity Related Charges</u>			
12	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.549	\$0.000	\$1.549
13	Storage and Transport Charge per GJ	\$1.029	(\$0.313)	\$0.716
14	Rider 6 MCRA per GJ	(\$0.016)	(\$0.029)	(\$0.045)
15	Subtotal Commodity Related Charges per GJ	\$2.562	(\$0.342)	\$2.220
16				
17				
18				
19				
20	Total Variable Cost per gigajoule	\$3.416	(\$0.324)	\$3.092

¹ Variable delivery rates and demand charges reflect a 2% increase as applied for with the BCUC on October 29, 2019 in the FEI Application for Approval of 2020 Rates on an Interim Basis Effective January 1, 2020.

² The BVA rate rider 3 and RSAM rate rider 5 (if applicable) are proposed as per the FEI Application for Approval of the Biomethane Variance Account and the Revenue Stabilization Adjustment Mechanism Rate Riders effective January 1, 2020 .

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SCHEDULE 5B

RATE SCHEDULE 5B: GENERAL FIRM BIOMETHANE SERVICE		EXISTING RATES JANUARY 1, 2019	DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES	PROPOSED JANUARY 1, 2020 RATES ^{1, 2}
Line No.	Particulars	Mainland and Vancouver Island	Mainland and Vancouver Island	Mainland and Vancouver Island
	(1)	(2)	(3)	(4)
1	<u>Delivery Margin Related Charges</u>			
2	Basic Charge per Month	\$469.00	\$0.00	\$469.00
3				
4	Demand Charge per GJ	\$23.358	\$0.473	\$23.831
5				
6	Delivery Charge per GJ	\$0.836	\$0.017	\$0.853
7				
8	Rider 3 BVA Rate Rider per GJ	\$0.018	\$0.001	\$0.019
9				
10				
11	<u>Commodity Related Charges</u>			
12	Storage and Transport Charge per GJ	\$1.029	(\$0.313)	\$0.716
13	Rider 6 MCRA per GJ	(\$0.016)	(\$0.029)	(\$0.045)
14	Subtotal Storage and Transport Related Charges per GJ	\$1.013	(\$0.342)	\$0.671
15				
16	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.549	\$0.000	\$1.549
17				
18	Cost of Biomethane per GJ	\$10.287	\$0.248	\$10.535
19	(Biomethane Energy Recovery Charge)			

¹ Variable delivery rates and demand charges reflect a 2% increase as applied for with the BCUC on October 29, 2019 in the FEI Application for Approval of 2020 Rates on an Interim Basis Effective January 1, 2020.

² The BVA rate rider 3 and RSAM rate rider 5 (if applicable) are proposed as per the FEI Application for Approval of the Biomethane Variance Account and the Revenue Stabilization Adjustment Mechanism Rate Riders effective January 1, 2020 .

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 SCHEDULE 6

RATE SCHEDULE 6: NATURAL GAS VEHICLE SERVICE		EXISTING RATES JANUARY 1, 2019	DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES	PROPOSED JANUARY 1, 2020 RATES ^{1, 2}
Line No.	Particulars	Mainland and Vancouver Island	Mainland and Vancouver Island	Mainland and Vancouver Island
	(1)	(2)	(3)	(4)
1	<u>Delivery Margin Related Charges</u>			
2	Basic Charge per Day	\$2.0041	\$0.0000	\$2.0041
3				
4	Delivery Charge per GJ	\$2.923	\$0.069	\$2.992
5				
6	Rider 3 BVA Rate Rider per GJ	\$0.018	\$0.001	\$0.019
7				
8				
9	<u>Commodity Related Charges</u>			
10	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.549	\$0.000	\$1.549
11	Storage and Transport Charge per GJ	\$0.469	(\$0.132)	\$0.337
12	Rider 6 MCRA per GJ	(\$0.007)	(\$0.014)	(\$0.021)
13	Subtotal Commodity Related Charges per GJ	\$2.011	(\$0.146)	\$1.865
14				
15				
16	Total Variable Cost per gigajoule	\$4.952	(\$0.076)	\$4.876

¹ Variable delivery rates reflect a 2% increase as applied for with the BCUC on October 29, 2019 in the FEI Application for Approval of 2020 Rates on an Interim Basis Effective January 1, 2020.

² The BVA rate rider 3 and RSAM rate rider 5 (if applicable) are proposed as per the FEI Application for Approval of the Biomethane Variance Account and the Revenue Stabilization Adjustment Mechanism Rate Riders effective January 1, 2020 .

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SCHEDULE 6P

RATE SCHEDULE 6P: PUBLIC SERVICE - NATURAL GAS VEHICLE REFUELING SERVICE				
Line No.	Particulars	EXISTING RATES JANUARY 1, 2019	DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES	PROPOSED JANUARY 1, 2020 RATES ^{1, 2}
	(1)	(2)	(3)	(4)
1	LOWER MAINLAND SERVICE AREA			
2				
3	<u>Delivery Margin Related Charges</u>			
4	Delivery Charge per GJ	\$2.923	\$0.069	\$2.992
5	Rider 3 BVA Rate Rider per GJ	\$0.018	\$0.001	\$0.019
6				
7				
8	<u>Commodity Related Charges</u>			
9	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.549	\$0.000	\$1.549
10	Storage and Transport Charge per GJ	\$0.469	(\$0.132)	\$0.337
11	Rider 6 MCRA per GJ	(\$0.007)	(\$0.014)	(\$0.021)
12	Subtotal Commodity Related Charges per GJ	\$2.011	(\$0.146)	\$1.865
13				
14	Compression Charge per gigajoule	\$8.441	\$0.000	\$8.441
15				
16				
17	Total Variable Cost per gigajoule	\$13.393	(\$0.076)	\$13.317

¹ Variable delivery rates reflect a 2% increase as applied for with the BCUC on October 29, 2019 in the FEI Application for Approval of 2020 Rates on an Interim Basis Effective January 1, 2020.

² The BVA rate rider 3 and RSAM rate rider 5 (if applicable) are proposed as per the FEI Application for Approval of the Biomethane Variance Account and the Revenue Stabilization Adjustment Mechanism Rate Riders effective January 1, 2020 .

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SCHEDULE 7

RATE SCHEDULE 7: GENERAL INTERRUPTIBLE SERVICE		EXISTING RATES JANUARY 1, 2019	DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES	PROPOSED JANUARY 1, 2020 RATES ^{1, 2}
Line No.	Particulars	Mainland and Vancouver Island	Mainland and Vancouver Island	Mainland and Vancouver Island
	(1)	(2)	(3)	(4)
1	<u>Delivery Margin Related Charges</u>			
2	Basic Charge per Month	\$880.00	\$0.00	\$880.00
3				
4	Delivery Charge per GJ	\$1.358	\$0.030	\$1.388
5				
6	Rider 3 BVA Rate Rider per GJ	\$0.018	\$0.001	\$0.019
7				
8	<u>Commodity Related Charges</u>			
9	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.549	\$0.000	\$1.549
10	Storage and Transport Charge per GJ	\$1.029	(\$0.313)	\$0.716
11	Rider 6 MCRA per GJ	(\$0.016)	(\$0.029)	(\$0.045)
12	Subtotal Commodity Related Charges per GJ	\$2.562	(\$0.342)	\$2.220
13				
14				
15	Total Variable Cost per gigajoule	\$3.938	(\$0.311)	\$3.627

¹ Variable delivery rates reflect a 2% increase as applied for with the BCUC on October 29, 2019 in the FEI Application for Approval of 2020 Rates on an Interim Basis Effective January 1, 2020.

² The BVA rate rider 3 and RSAM rate rider 5 (if applicable) are proposed as per the FEI Application for Approval of the Biomethane Variance Account and the Revenue Stabilization Adjustment Mechanism Rate Riders effective January 1, 2020 .

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 SCHEDULE 46

RATE SCHEDULE 46: LNG SERVICE		EXISTING RATES JANUARY 1, 2019	DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES	PROPOSED JANUARY 1, 2020 RATES ¹
Line No.	Particulars	Mainland and Vancouver Island	Mainland and Vancouver Island	Mainland and Vancouver Island
	(1)	(2)	(3)	(4)
1	<u>Dispensing Service Charges per GJ</u>			
2	LNG Facility Charge per GJ	\$3.94	\$0.00	\$3.94
3	Electricity Surcharge per GJ	\$0.98	\$0.00	\$0.98
4	LNG Spot Charge per GJ	\$5.17	\$0.00	\$5.17
5				
6				
7	<u>Commodity Related Charges</u>			
8	Storage and Transport Charge per GJ	\$1.029	(\$0.313)	\$0.716
9	Rider 6 MCRA per GJ	(\$0.016)	(\$0.029)	(\$0.045)
10	Subtotal Storage and Transport Related Charges per GJ	\$1.013	(\$0.342)	\$0.671
11				
12	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.549	\$0.000	\$1.549
13				
14	Cost of Biomethane per GJ	\$10.287	\$0.248	\$10.535
15	(Biomethane Energy Recovery Charge)			
16				
17				
18	Total Variable Cost per gigajoule (excluding LNG Spot Charge per GJ)	\$7.482	(\$0.342)	\$7.140

¹ LNG Facility and Electricity Charges are held interim effective January 1, 2020 until the relevant BC CPI information is made available and FEI files for permanent rates in January 2020.

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DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES
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RATE SCHEDULE 1 - RESIDENTIAL SERVICE

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Line No.	Particular	EXISTING RATES JULY 1, 2019					PROPOSED JANUARY 1, 2020 RATES					Annual Increase/Decrease		
		Quantity		Rate		Annual \$	Quantity		Rate		Annual \$	Rate	Annual \$	% of Previous Total Annual Bill
1	MAINLAND AND VANCOUVER ISLAND SERVICE AREA													
2	<u>Delivery Margin Related Charges</u>													
3	Basic Charge per Day	365.25	days x	\$0.4085	=	\$149.20	365.25	days x	\$0.4085	=	\$149.20	\$0.0000	\$0.00	0.00%
4														
5	Delivery Charge per GJ	90.0	GJ x	\$4.376	=	393.8400	90.0	GJ x	\$4.499	=	404.9100	\$0.123	11.0700	1.36%
6	Rider 3 BVA Rate Rider per GJ	90.0	GJ x	\$0.018	=	1.6200	90.0	GJ x	\$0.019	=	1.7100	\$0.001	0.0900	0.01%
7	Rider 5 RSAM per GJ	90.0	GJ x	(\$0.045)	=	(4.0500)	90.0	GJ x	\$0.078	=	7.0200	\$0.123	11.0700	1.36%
8	Subtotal Delivery Margin Related Charges					\$540.61					\$562.84		\$22.23	2.74%
9														
10	<u>Commodity Related Charges</u>													
11	Storage and Transport Charge per GJ	90.0	GJ x	\$1.485	=	\$133.6500	90.0	GJ x	\$1.087	=	\$97.8300	(\$0.398)	(\$35.8200)	-4.41%
12	Rider 6 MCRA per GJ	90.0	GJ x	(\$0.023)	=	(2.0700)	90.0	GJ x	(\$0.068)	=	(6.1200)	(\$0.045)	(4.0500)	-0.50%
13	Storage and Transport Related Charges Subtotal					\$131.58					\$91.71		(\$39.87)	-4.91%
14														
15	Cost of Gas (Commodity Cost Recovery Charge) per GJ	90.0	GJ x	\$1.549	=	\$139.41	90.0	GJ x	\$1.549	=	\$139.41	\$0.000	\$0.00	0.00%
16	Subtotal Commodity Related Charges					\$270.99					\$231.12		(\$39.87)	-4.91%
17														
18	Total (with effective \$/GJ rate)	90.0		\$9.018		\$811.60	90.0		\$8.822		\$793.96	(\$0.196)	(\$17.64)	-2.17%

Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals, consistent with actual invoice calculations.
Slight differences in totals due to rounding

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RATE SCHEDULE 1B - RESIDENTIAL BIOMETHANE SERVICE

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Line No.	Particular	EXISTING RATES JANUARY 1, 2019					PROPOSED JANUARY 1, 2020 RATES					Annual Increase/Decrease		
		Quantity		Rate	Annual \$		Quantity		Rate	Annual \$		Rate	Annual \$	% of Previous Total Annual Bill
1	MAINLAND AND VANCOUVER ISLAND SERVICE AREA													
2	<u>Delivery Margin Related Charges</u>													
3	Basic Charge per Day	365.25	days x	\$0.4085	=	\$149.20	365.25	days x	\$0.4085	=	\$149.20	\$0.0000	\$0.00	0.00%
4														
5	Delivery Charge per GJ	90.0	GJ x	\$4.376	=	393.8400	90.0	GJ x	\$4.499	=	404.9100	\$0.123	11.0700	1.24%
6	Rider 3 BVA Rate Rider per GJ	90.0	GJ x	\$0.018	=	1.6200	90.0	GJ x	\$0.019	=	1.7100	\$0.001	0.0900	0.01%
7	Rider 5 RSAM per GJ	90.0	GJ x	(\$0.045)	=	(4.0500)	90.0	GJ x	\$0.078	=	7.0200	\$0.123	11.0700	1.24%
8	Subtotal Delivery Margin Related Charges					\$540.61					\$562.84		\$22.23	2.50%
9	<u>Commodity Related Charges</u>													
10	Storage and Transport Charge per GJ	90.0	GJ x	\$1.485	=	\$133.6500	90.0	GJ x	\$1.087	=	\$97.8300	(\$0.398)	(\$35.8200)	-4.02%
11	Rider 6 MCRA per GJ	90.0	GJ x	(\$0.023)	=	(2.0700)	90.0	GJ x	(\$0.068)	=	(6.1200)	(\$0.045)	(4.0500)	-0.45%
12	Storage and Transport Related Charges Subtotal					\$131.58					\$91.71		(\$39.87)	-4.48%
13	Cost of Gas (Commodity Cost Recovery Charge) per GJ	90.0	GJ x 90% x	\$1.549	=	125.47	90.0	GJ x 90% x	\$1.549	=	125.47	\$0.000	0.00	0.00%
14	Cost of Biomethane	90.0	GJ x 10% x	\$10.287	=	92.58	90.0	GJ x 10% x	\$10.535	=	94.82	\$0.248	2.24	0.25%
15	Subtotal Commodity Related Charges					\$349.63					\$312.00		(\$37.63)	-4.23%
16														
17	Total (with effective \$/GJ rate)	90.0		\$9.892		\$890.24	90.0		\$9.720		\$874.84	(\$0.171)	(\$15.40)	-1.73%

Notes: Commodity Cost Recovery Related Charge is based on 90% of the Cost of Gas (Commodity Cost Related Charge) per GJ and 10% of the Cost of Biomethane per GJ.

Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals, consistent with actual invoice calculations.

Slight differences in totals due to rounding

FORTISBC ENERGY INC.
DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES
BCUC ORDERS G-XX-19 G-XX-19 G-XX-19
RATE SCHEDULE 2 - SMALL COMMERCIAL SERVICE

TAB 6
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Line No.	Particular	EXISTING RATES JULY 1, 2019					PROPOSED JANUARY 1, 2020 RATES					Annual Increase/Decrease		
		Quantity		Rate		Annual \$	Quantity		Rate		Annual \$	Rate	Annual \$	% of Previous Total Annual Bill
1	MAINLAND AND VANCOUVER ISLAND SERVICE AREA													
2	<u>Delivery Margin Related Charges</u>													
3	Basic Charge per Day	365.25	days x	\$0.9485	=	\$346.44	365.25	days x	\$0.9485	=	\$346.44	\$0.0000	\$0.00	0.00%
4														
5	Delivery Charge per GJ	340.0	GJ x	\$3.384	=	1,150.5600	340.0	GJ x	\$3.472	=	1,180.4800	\$0.088	29.9200	1.19%
6	Rider 3 BVA Rate Rider per GJ	340.0	GJ x	\$0.018	=	6.1200	340.0	GJ x	\$0.019	=	6.4600	\$0.001	0.3400	0.01%
7	Rider 5 RSAM per GJ	340.0	GJ x	(\$0.045)	=	(15.3000)	340.0	GJ x	\$0.078	=	26.5200	\$0.123	41.8200	1.66%
8	Subtotal Delivery Margin Related Charges					<u>\$1,487.82</u>					<u>\$1,559.90</u>		<u>\$72.08</u>	<u>2.87%</u>
9														
10	<u>Commodity Related Charges</u>													
11	Storage and Transport Charge per GJ	340.0	GJ x	\$1.490	=	\$506.6000	340.0	GJ x	\$1.103	=	\$375.0200	(\$0.387)	(\$131.5800)	-5.24%
12	Rider 6 MCRA per GJ	340.0	GJ x	(\$0.023)	=	(7.8200)	340.0	GJ x	(\$0.069)	=	(23.4600)	(\$0.046)	(15.6400)	-0.62%
13	Storage and Transport Related Charges Subtotal					<u>\$498.78</u>					<u>\$351.56</u>		<u>(\$147.22)</u>	<u>-5.86%</u>
14														
15	Cost of Gas (Commodity Cost Recovery Charge) per GJ	340.0	GJ x	\$1.549	=	\$526.66	340.0	GJ x	\$1.549	=	\$526.66	\$0.000	\$0.00	0.00%
16	Subtotal Commodity Related Charges					<u>\$1,025.44</u>					<u>\$878.22</u>		<u>(\$147.22)</u>	<u>-5.86%</u>
17														
18	Total (with effective \$/GJ rate)	<u>340.0</u>		<u>\$7.392</u>		<u>\$2,513.26</u>	<u>340.0</u>		<u>\$7.171</u>		<u>\$2,438.12</u>	<u>(\$0.221)</u>	<u>(\$75.14)</u>	<u>-2.99%</u>

Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals, consistent with actual invoice calculations.
Slight differences in totals due to rounding

FORTISBC ENERGY INC.
DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES
BCUC ORDERS G-XX-19 G-XX-19
RATE SCHEDULE 2B-SMALL COMMERCIAL BIOMETHANE SERVICE

TAB 6
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No.	Particular	EXISTING RATES JANUARY 1, 2019					PROPOSED JANUARY 1, 2020 RATES					Annual Increase/Decrease		
		Quantity		Rate	Annual \$		Quantity		Rate	Annual \$	Rate	Annual \$	% of Previous Total Annual Bill	
1	MAINLAND AND VANCOUVER ISLAND SERVICE AREA													
2	<u>Delivery Margin Related Charges</u>													
3	Basic Charge per Day	365.25	days x	\$0.9485	=	\$346.44	365.25	days x	\$0.9485	=	\$346.44	\$0.0000	\$0.00	0.00%
4														
5	Delivery Charge per GJ	340.0	GJ x	\$3.384	=	1,150.5600	340.0	GJ x	\$3.472	=	1,180.4800	\$0.088	29.9200	1.06%
6	Rider 3 BVA Rate Rider per GJ	340.0	GJ x	\$0.018	=	6.1200	340.0	GJ x	\$0.019	=	6.4600	\$0.001	0.3400	0.01%
7	Rider 5 RSAM per GJ	340.0	GJ x	(\$0.045)	=	(15.3000)	340.0	GJ x	\$0.078	=	26.5200	\$0.123	41.8200	1.49%
8	Subtotal Delivery Margin Related Charges					\$1,487.82					\$1,559.90		\$72.08	2.56%
9														
10	<u>Commodity Related Charges</u>													
11	Storage and Transport Charge per GJ	340.0	GJ x	\$1.490	=	\$506.6000	340.0	GJ x	\$1.103	=	\$375.0200	(\$0.387)	(\$131.5800)	-4.68%
12	Rider 6 MCRA per GJ	340.0	GJ x	(\$0.023)	=	(7.8200)	340.0	GJ x	(\$0.069)	=	(23.4600)	(\$0.046)	(15.6400)	-0.56%
13	Storage and Transport Related Charges Subtotal					\$498.78					\$351.56		(\$147.22)	-5.24%
14	Cost of Gas (Commodity Cost Recovery Charge) per GJ	340.0	GJ x 90% x	\$1.549	=	\$473.9900	340.0	GJ x 90% x	\$1.549	=	\$473.9900	\$0.000	0.00	0.00%
15	Cost of Biomethane	340.0	GJ x 10% x	\$10.287	=	349.7600	340.0	GJ x 10% x	\$10.535	=	358.1900	\$0.248	8.43	0.30%
16	Subtotal Commodity Related Charges					\$1,322.53					\$1,183.74		(\$138.79)	-4.94%
17	Total (with effective \$/GJ rate)	340.0		\$8.266		\$2,810.35	340.0		\$8.070		\$2,743.64	(\$0.196)	(\$66.71)	-2.37%

Notes: Commodity Cost Recovery Related Charge is based on 90% of the Cost of Gas (Commodity Cost Related Charge) per GJ and 10% of the Cost of Biomethane per GJ.

Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals, consistent with actual invoice calculations.

Slight differences in totals due to rounding

FORTISBC ENERGY INC.
DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES
BCUC ORDERS G-XX-19 G-XX-19 G-XX-19
RATE SCHEDULE 3 - LARGE COMMERCIAL SERVICE

TAB 6
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Line No.	Particular	EXISTING RATES JULY 1, 2019			PROPOSED JANUARY 1, 2020 RATES			Annual Increase/Decrease		
		Quantity	Rate	Annual \$	Quantity	Rate	Annual \$	Rate	Annual \$	% of Previous Total Annual Bill
1	MAINLAND AND VANCOUVER ISLAND SERVICE AREA									
2	<u>Delivery Margin Related Charges</u>									
3	Basic Charge per Day	365.25	days x \$4.7895 =	\$1,749.36	365.25	days x \$4.7895 =	\$1,749.36	\$0.0000	\$0.00	0.00%
4										
5	Delivery Charge per GJ	3,770.0	GJ x \$2.977 =	11,223.2900	3,770.0	GJ x \$3.046 =	11,483.4200	\$0.069	260.1300	1.11%
6	Rider 3 BVA Rate Rider per GJ	3,770.0	GJ x \$0.018 =	67.8600	3,770.0	GJ x \$0.019 =	71.6300	\$0.001	3.7700	0.02%
7	Rider 5 RSAM per GJ	3,770.0	GJ x (\$0.045) =	(169.6500)	3,770.0	GJ x \$0.078 =	294.0600	\$0.123	463.7100	1.99%
8	Subtotal Delivery Margin Related Charges			\$12,870.86			\$13,598.47		\$727.61	3.12%
9										
10	<u>Commodity Related Charges</u>									
11	Storage and Transport Charge per GJ	3,770.0	GJ x \$1.245 =	\$4,693.6500	3,770.0	GJ x \$0.920 =	\$3,468.4000	(\$0.325)	(\$1,225.2500)	-5.25%
12	Rider 6 MCRA per GJ	3,770.0	GJ x (\$0.019) =	(71.6300)	3,770.0	GJ x (\$0.058) =	(218.6600)	(\$0.039)	(147.0300)	-0.63%
13	Storage and Transport Related Charges Subtotal			\$4,622.02			\$3,249.74		(\$1,372.28)	-5.88%
14										
15	Cost of Gas (Commodity Cost Recovery Charge) per GJ	3,770.0	GJ x \$1.549 =	\$5,839.73	3,770.0	GJ x \$1.549 =	\$5,839.73	\$0.000	\$0.00	0.00%
16	Subtotal Commodity Related Charges			\$10,461.75			\$9,089.47		(\$1,372.28)	-5.88%
17										
18	Total (with effective \$/GJ rate)	<u>3,770.0</u>	<u>\$6.189</u>	<u>\$23,332.61</u>	<u>3,770.0</u>	<u>\$6.018</u>	<u>\$22,687.94</u>	<u>(\$0.171)</u>	<u>(\$644.67)</u>	<u>-2.76%</u>

Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals, consistent with actual invoice calculations.
Slight differences in totals due to rounding

FORTISBC ENERGY INC.
DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES
BCUC ORDERS G-XX-19 G-XX-19
RATE SCHEDULE 3B - LARGE COMMERCIAL BIOMETHANE SERVICE

TAB 6
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Line No.	Particular	EXISTING RATES JANUARY 1, 2019			PROPOSED JANUARY 1, 2020 RATES			Annual Increase/Decrease		
		Quantity	Rate	Annual \$	Quantity	Rate	Annual \$	Rate	Annual \$	% of Previous Total Annual Bill
1	MAINLAND AND VANCOUVER ISLAND SERVICE AREA									
2	<u>Delivery Margin Related Charges</u>									
3	Basic Charge per Day	365.25 days x	\$4.7895 =	\$1,749.36	365.25 days x	\$4.7895 =	\$1,749.36	\$0.0000	\$0.00	0.00%
4										
5	Delivery Charge per GJ	3,770.0 GJ x	\$2.977 =	11,223.2900	3,770.0 GJ x	\$3.046 =	11,483.4200	\$0.069	260.1300	0.98%
6	Rider 3 BVA Rate Rider per GJ	3,770.0 GJ x	\$0.018 =	67.8600	3,770.0 GJ x	\$0.019 =	71.6300	\$0.001	3.7700	0.01%
7	Rider 5 RSAM per GJ	3,770.0 GJ x	(\$0.045) =	(169.6500)	3,770.0 GJ x	\$0.078 =	294.0600	\$0.123	463.7100	1.74%
8	Subtotal Delivery Margin Related Charges			\$12,870.86			\$13,598.47		\$727.61	2.73%
9										
10	<u>Commodity Related Charges</u>									
11	Storage and Transport Charge per GJ	3,770.0 GJ x	\$1.245 =	\$4,693.6500	3,770.0 GJ x	\$0.920 =	\$3,468.4000	(\$0.325)	(\$1,225.2500)	-4.60%
12	Rider 6 MCRA per GJ	3,770.0 GJ x	(\$0.019) =	(71.6300)	3,770.0 GJ x	(\$0.058) =	(218.6600)	(\$0.039)	(147.0300)	-0.55%
13	Storage and Transport Related Charges Subtotal			\$4,622.02			\$3,249.74		(\$1,372.28)	-5.15%
14	Cost of Gas (Commodity Cost Recovery Charge) per GJ	3,770.0 GJ x 90% x	\$1.549 =	\$5,255.7600	3,770.0 GJ x 90% x	\$1.549 =	\$5,255.7600	\$0.000	0.00	0.00%
15	Cost of Biomethane	3,770.0 GJ x 10% x	\$10.287 =	3,878.2000	3,770.0 GJ x 10% x	\$10.535 =	3,971.7000	\$0.248	93.50	0.35%
16	Subtotal Commodity Related Charges			\$13,755.98			\$12,477.20		(\$1,278.78)	-4.80%
17										
18	Total (with effective \$/GJ rate)	3,770.0	\$7.063	\$26,626.84	3,770.0	\$6.917	\$26,075.67	(\$0.146)	(\$551.17)	-2.07%

Notes: Commodity Cost Recovery Related Charge is based on 90% of the Cost of Gas (Commodity Cost Related Charge) per GJ and 10% of the Cost of Biomethane per GJ.

Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals, consistent with actual invoice calculations.

Slight differences in totals due to rounding

FORTISBC ENERGY INC.
DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES
BCUC ORDERS G-XX-19 G-XX-19
RATE SCHEDULE 4 - SEASONAL FIRM GAS SERVICE

TAB 6
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Line No.	Particular	EXISTING RATES JANUARY 1, 2019					PROPOSED JANUARY 1, 2020 RATES					Annual Increase/Decrease		
		Quantity		Rate	Annual \$		Quantity		Rate	Annual \$		Rate	Annual \$	% of Previous Total Annual Bill
1														
2	MAINLAND AND VANCOUVER ISLAND SERVICE AREA													
3	<u>Delivery Margin Related Charges</u>													
4	Basic Charge per Day	214	days x	\$14.4230	=	\$3,086.52	214	days x	\$14.4230	=	\$3,086.52	\$0.0000	\$0.00	0.00%
5														
6	Delivery Charge per GJ													
7	(a) Off-Peak Period	9,050.0	GJ x	\$1.353	=	12,244.6500	9,050.0	GJ x	\$1.393	=	12,606.6500	\$0.040	362.0000	0.94%
8	(b) Extension Period	0.0	GJ x	\$1.998	=	0.0000	0.0	GJ x	\$2.038	=	0.0000	\$0.040	0.0000	0.00%
9	Rider 3 BVA Rate Rider per GJ	9,050.0	GJ x	\$0.018	=	162.9000	9,050.0	GJ x	\$0.019	=	171.9500	\$0.001	9.0500	0.02%
10	Subtotal Delivery Margin Related Charges					\$15,494.07					\$15,865.12		\$371.05	0.96%
11														
12	<u>Commodity Related Charges</u>													
13	Storage and Transport Charge per GJ													
14	(a) Off-Peak Period	9,050.0	GJ x	\$1.029	=	\$9,312.4500	9,050.0	GJ x	\$0.716	=	\$6,479.8000	(\$0.313)	(2,832.6500)	-7.32%
15	(b) Extension Period	0.0	GJ x	\$1.029	=	0.0000	0.0	GJ x	\$0.716	=	0.0000	(\$0.313)	0.0000	0.00%
16	Rider 6 MCRA per GJ	9,050.0	GJ x	(\$0.016)	=	(144.8000)	9,050.0	GJ x	(\$0.045)	=	(407.2500)	(\$0.029)	(262.4500)	-0.68%
17	Commodity Cost Recovery Charge per GJ													
18	(a) Off-Peak Period	9,050.0	GJ x	\$1.549	=	14,018.4500	9,050.0	GJ x	\$1.549	=	14,018.4500	\$0.000	0.0000	0.00%
19	(b) Extension Period	0.0	GJ x	\$1.549	=	0.0000	0.0	GJ x	\$1.549	=	0.0000	\$0.000	0.0000	0.00%
20														
21	Subtotal Cost of Gas (Commodity Related Charges) Off-Peak					\$23,186.10					\$20,091.00		(\$3,095.10)	-8.00%
22														
23	Unauthorized Gas Charge During Peak Period (not forecast)													
24														
25	Total during Off-Peak Period	9,050.0				\$38,680.17	9,050.0				\$35,956.12		(\$2,724.05)	-7.04%

Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals, consistent with actual invoice calculations. Slight differences in totals due to rounding

FORTISBC ENERGY INC.
DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES
BCUC ORDERS G-XX-19 G-XX-19
RATE SCHEDULE 5 -GENERAL FIRM SERVICE

TAB 6
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Line No.	Particular	EXISTING RATES JANUARY 1, 2019			PROPOSED JANUARY 1, 2020 RATES			Annual Increase/Decrease		
		Quantity	Rate	Annual \$	Quantity	Rate	Annual \$	Rate	Annual \$	% of Previous Total Annual Bill
1										
2	MAINLAND AND VANCOUVER ISLAND SERVICE AREA									
3	<u>Delivery Margin Related Charges</u>									
4	Basic Charge per Month	12 months x	\$469.00	= \$5,628.00	12 months x	\$469.00	= \$5,628.00	\$0.00	\$0.00	0.00%
5										
6	Demand Charge	72.4 GJ x	\$23.358	= \$20,293.43	72.4 GJ x	\$23.831	= \$20,704.37	\$0.473	\$410.94	0.50%
7										
8	Delivery Charge per GJ	16,240.0 GJ x	\$0.836	= \$13,576.6400	16,240.0 GJ x	\$0.853	= \$13,852.7200	\$0.017	\$276.0800	0.34%
9	Rider 3 BVA Rate Rider per GJ	16,240.0 GJ x	\$0.018	= 292.3200	16,240.0 GJ x	\$0.019	= 308.5600	\$0.001	16.2400	0.02%
10	Subtotal Delivery Margin Related Charges			\$13,868.96			\$14,161.28		\$292.32	0.36%
11										
12	<u>Commodity Related Charges</u>									
13	Storage and Transport Charge per GJ	16,240.0 GJ x	\$1.029	= \$16,710.9600	16,240.0 GJ x	\$0.716	= \$11,627.8400	(\$0.313)	(\$5,083.1200)	-6.24%
14	Rider 6 MCRA per GJ	16,240.0 GJ x	(\$0.016)	= (259.8400)	16,240.0 GJ x	(\$0.045)	= (730.8000)	(\$0.029)	(470.9600)	-0.58%
15	Commodity Cost Recovery Charge per GJ	16,240.0 GJ x	\$1.549	= 25,155.7600	16,240.0 GJ x	\$1.549	= 25,155.7600	\$0.000	0.0000	0.00%
16	Subtotal Gas Commodity Cost (Commodity Related Charge)			\$41,606.88			\$36,052.80		(\$5,554.08)	-6.82%
17										
18	Total (with effective \$/GJ rate)	16,240.0	\$5.012	\$81,397.27	16,240.0	\$4.713	\$76,546.45	(\$0.299)	(\$4,850.82)	-5.96%

Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals, consistent with actual invoice calculations. Slight differences in totals due to rounding

FORTISBC ENERGY INC.
DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES
BCUC ORDERS G-XX-19 G-XX-19
RATE SCHEDULE 6 - NATURAL GAS VEHICLE SERVICE

TAB 6
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Line No.	Particular	EXISTING RATES JANUARY 1, 2019					PROPOSED JANUARY 1, 2020 RATES					Annual Increase/Decrease		
		Quantity		Rate		Annual \$	Quantity		Rate		Annual \$	Rate	Annual \$	% of Previous Annual Bill
1														
2	MAINLAND AND VANCOUVER ISLAND SERVICE AREA													
3	<u>Delivery Margin Related Charges</u>													
4	Basic Charge per Day	365.25	days x	\$2.0041	=	\$732.00	365.25	days x	\$2.0041	=	\$732.00	\$0.0000	\$0.00	0.00%
5														
6	Delivery Charge per GJ	2,060.0	GJ x	\$2.923	=	6,021.3800	2,060.0	GJ x	\$2.992	=	6,163.5200	\$0.069	142.1400	1.30%
7	Rider 3 BVA Rate Rider per GJ	2,060.0	GJ x	\$0.018	=	37.0800	2,060.0	GJ x	\$0.019	=	39.1400	\$0.001	2.0600	0.02%
8	Subtotal Delivery Margin Related Charges					\$6,790.46					\$6,934.66		\$144.20	1.32%
9														
10	<u>Commodity Related Charges</u>													
11	Storage and Transport Charge per GJ	2,060.0	GJ x	\$0.469	=	\$966.1400	2,060.0	GJ x	\$0.337	=	\$694.2200	(\$0.132)	(\$271.9200)	-2.49%
12	Rider 6 MCRA per GJ	2,060.0	GJ x	(\$0.007)	=	(14.4200)	2,060.0	GJ x	(\$0.021)	=	(43.2600)	(\$0.014)	(28.8400)	-0.26%
13	Commodity Cost Recovery Charge per GJ	2,060.0	GJ x	\$1.549	=	3,190.9400	2,060.0	GJ x	\$1.549	=	3,190.9400	\$0.000	0.0000	0.00%
14	Subtotal Cost of Gas (Commodity Related Charge)					\$4,142.66					\$3,841.90		(\$300.76)	-2.75%
15														
16	Total (with effective \$/GJ rate)	2,060.0		\$5.307		\$10,933.12	2,060.0		\$5.231		\$10,776.56	(\$0.076)	(\$156.56)	-1.43%

Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals, consistent with actual invoice calculations. Slight differences in totals due to rounding

FORTISBC ENERGY INC.
DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES
BCUC ORDERS G-XX-19 G-XX-19
RATE SCHEDULE 7 - GENERAL INTERRUPTIBLE SERVICE

TAB 6
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Line No.	Particular	EXISTING RATES JANUARY 1, 2019			PROPOSED JANUARY 1, 2020 RATES			Annual Increase/Decrease		
		Quantity	Rate	Annual \$	Quantity	Rate	Annual \$	Rate	Annual \$	% of Previous Annual Bill
1										
2	MAINLAND AND VANCOUVER ISLAND SERVICE AREA									
3	<u>Delivery Margin Related Charges</u>									
4	Basic Charge per Month	12 months x	\$880.00	= \$10,560.00	12 months x	\$880.00	= \$10,560.00	\$0.00	\$0.00	0.00%
5										
6	Delivery Charge per GJ	177,950.0 GJ x	\$1.358	= \$241,656.1000	177,950.0 GJ x	\$1.388	= \$246,994.6000	\$0.030	\$5,338.5000	0.75%
7	Rider 3 BVA Rate Rider per GJ	177,950.0 GJ x	\$0.018	= 3,203.1000	177,950.0 GJ x	\$0.019	= 3,381.0500	\$0.001	177.9500	0.03%
8	Subtotal Delivery Margin Related Charges			\$244,859.20			\$250,375.65		\$5,516.45	0.78%
9										
10	<u>Commodity Related Charges</u>									
11	Storage and Transport Charge per GJ	177,950.0 GJ x	\$1.029	= \$183,110.5500	177,950.0 GJ x	\$0.716	= \$127,412.2000	(\$0.313)	(\$55,698.3500)	-7.83%
12	Rider 6 MCRA per GJ	177,950.0 GJ x	(\$0.016)	= (2,847.2000)	177,950.0 GJ x	(\$0.045)	= (8,007.7500)	(\$0.029)	(\$5,160.550)	-0.73%
13	Commodity Cost Recovery Charge per GJ	177,950.0 GJ x	\$1.549	= 275,644.5500	177,950.0 GJ x	\$1.549	= 275,644.5500	\$0.000	0.0000	0.00%
14	Subtotal Cost of Gas (Commodity Related Charge)			\$455,907.90			\$395,049.00		(\$60,858.90)	-8.56%
15										
16	Total (with effective \$/GJ rate)	177,950.0	\$3.997	\$711,327.10	177,950.0	\$3.686	\$655,984.65	(\$0.311)	(\$55,342.45)	-7.78%

Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals, consistent with actual invoice calculations. Slight differences in totals due to rounding

FORTISBC ENERGY INC.
DELIVERY MARGIN AND COMMODITY RELATED CHARGES CHANGES
BCUC ORDERS G-XX-19 G-XX-19
RATE SCHEDULE 46 - LNG SERVICE

TAB 6
PAGE 11

Line No.	Particular	EXISTING RATES JANUARY 1, 2019			PROPOSED JANUARY 1, 2020 RATES			Annual Increase/Decrease		
		Quantity	Rate	Annual \$	Quantity	Rate	Annual \$	Rate	Annual \$	% of Previous Annual Bill
1										
2	MAINLAND AND VANCOUVER ISLAND SERVICE AREA									
3	<u>Dispensing Service Charges per GJ</u>									
4										
5	LNG Facility Charge per GJ	222,100.0	GJ x \$3.94 =	\$875,074.0000	222,100.0	GJ x \$3.94 =	\$875,074.0000	\$0.000	\$0.0000	0.00%
6	Electricity Surcharge per GJ	222,100.0	GJ x \$0.98 =	217,658.0000	222,100.0	GJ x \$0.98 =	217,658.0000	\$0.000	\$0.000	0.00%
7	LNG Spot Charge per GJ	0.0	GJ x \$5.17 =	0.0000	0.0	GJ x \$5.17 =	0.0000	\$0.000	0.0000	0.00%
8	Subtotal Delivery Margin Related Charges			\$1,092,732.00			\$1,092,732.00		\$0.00	0.00%
9										
10	<u>Commodity Related Charges</u>									
11	Storage and Transport Charge per GJ	222,100.0	GJ x \$1.029 =	\$228,540.9000	222,100.0	GJ x \$0.716 =	\$159,023.6000	(\$0.313)	(\$69,517.3000)	-4.18%
12	Rider 6 MCRA per GJ	222,100.0	GJ x (\$0.016) =	(3,553.6000)	222,100.0	GJ x (\$0.045) =	(9,994.5000)	(\$0.029)	(\$6,440.900)	-0.39%
13	Commodity Cost Recovery Charge per GJ	222,100.0	GJ x \$1.549 =	344,032.9000	222,100.0	GJ x \$1.549 =	344,032.9000	\$0.000	0.0000	0.00%
14	Subtotal Cost of Gas (Commodity Related Charge)			\$569,020.20			\$493,062.00		(\$75,958.20)	-4.57%
15										
16	Total (with effective \$/GJ rate)	222,100.0	\$7.482	\$1,661,752.20	222,100.0	\$7.140	\$1,585,794.00	(\$0.342)	(\$75,958.20)	-4.57%

Notes: Tariff rate schedule per GJ charges are set at 3 decimals. Individual tariff components are calculated and shown to 4 decimals; subtotal amounts, equivalent to the line items on customer bills, are rounded and shown to 2 decimals, consistent with actual invoice calculations. Slight differences in totals due to rounding

ORDER NUMBER

G-xx-xx

IN THE MATTER OF
the *Utilities Commission Act*, RSBC 1996, Chapter 473

and

FortisBC Energy Inc.
Application regarding its 2019 Fourth Quarter Gas Cost Report
And Rate Changes effective January 1, 2020
For the Mainland and Vancouver Island Service Area

BEFORE:

[Panel Chair]
Commissioner
Commissioner

on Date

ORDER

WHEREAS:

- A. On November 20, 2019, FortisBC Energy Inc. (FEI) filed its 2019 Fourth Quarter Report on Commodity Cost Reconciliation Account (CCRA), Midstream Cost Reconciliation Account (MCRA), Biomethane Energy Recovery Charge (BERC) Rates, and Biomethane Variance Account (BVA) Annual Report for the Mainland and Vancouver Island Service Area based on the five-day average November 5, 6, 7, 8, and 12, 2019 forward gas prices (the Report);
- B. The British Columbia Utilities Commission (BCUC) established guidelines for gas cost rate setting in Letter L-5-01 dated February 5, 2001, and further modified the guidelines in Letter L-40-11 dated May 19, 2011 and Letter L-15-16 dated June 16, 2015 (together the Guidelines);
- C. By Order G-133-16 dated August 12, 2016, the BCUC directed FEI to file the BVA Annual Report concurrently with the fourth quarter CCRA and MCRA report setting out the Short Term BERC Rate and Long Term BERC Rate to be effective January 1st of each year;
- D. By Order G-173-17 dated November 30, 2017, the BCUC established the current Commodity Cost Recovery Charge January 1, 2018;
- E. By Order G-230-18 dated December 4, 2018, the BCUC established the current midstream related charges and biomethane related charges effective January 1, 2019;
- F. In the Report, using the five-day average forward prices ending November 12, 2019, the CCRA balance is projected to be approximately \$16 million surplus after tax as of December 31, 2019. FEI calculates the CCRA recovery-to-cost ratio at the existing rate would be 94.1 percent for the following 12 months, and the tested

rate increase related to the forecast over recover of gas costs would be \$0.097/GJ of which falls within the minimum rate change thresholds set out in the Guidelines indicating that a change to the Commodity Cost Recovery Charge is not required at this time;

- G. FEI calculates the existing Storage and Transport Charges will over recover the midstream costs in 2020 by approximately \$61 million surplus, and requests approval to flow-through decreases to the Storage and Transport Charge rates as set out in the Report in the schedule at Tab 2, Page 7;
- H. FEI calculates a MCRA balance at existing rates of approximately \$14 million surplus after tax at December 31, 2019. Based on the one-half amortization of the MCRA cumulative balances in the following year's rates, FEI requests approval to set MCRA Rate Rider 6 applicable to the sales rate classes, effective January 1, 2020, as set out in the Report in the schedule at Tab 2, Page 7;
- I. The Report requests approval to increase the Short Term Contracts BERC Rate by \$0.248/GJ, from \$10.287/GJ to \$10.535/GJ, and to maintain the Long Term Biomethane Contract Rate at \$10.00/GJ effective January 1, 2020 in accordance with Order G-133-16;
- J. The combined effects of the FEI Application for Approval of 2020 Rates on an Interim Basis, the FEI Application for Approval of the Biomethane Variance Account and the Revenue Stabilization Adjustment Mechanism Rate Riders, effective January 1, 2020, and the proposed changes to the midstream related charges (Storage and Transport Charge and MCRA Rate Rider 6) as requested in the Report would decrease the total annual bill for a typical Mainland and Vancouver Island residential customer with an average annual consumption of 90 gigajoules by approximately \$18 or 2.2 percent;
- K. The BCUC reviewed the Report and considers that the requested rate changes are warranted, and that Tab 4, Pages 4C, 5C, and 6C of the Report should be held confidential as requested by FEI, as they contain market sensitive information.

NOW THEREFORE pursuant to section 61(4) of the *Utilities Commission Act*, the British Columbia Utilities Commission orders as follows:

- 1. The Commodity Cost Recovery Charge applicable to the Sales Rate Classes and Rate Schedule 46 LNG Service within the Mainland and Vancouver Island Service Area, effective January 1, 2020, is to remain unchanged at \$1.549/GJ.
- 2. The Storage and Transport Charges applicable to the Sales Rate Classes and Rate Schedule 46 LNG Service within the Mainland and Vancouver Island Service Area, effective January 1, 2020, are approved. The Storage and Transport Charge changes are set out in Appendix A of this Order.
- 3. The Midstream Cost Reconciliation Account Rate Rider 6 applicable to the Sales Rate Classes and Rate Schedule 46 LNG Service within the Mainland (excluding Revelstoke), and Vancouver Island Service Area, effective January 1, 2020, are approved. The requested Midstream Cost Reconciliation Account Rate Rider 6 changes are set out in Appendix A of this Order.
- 4. The Biomethane Energy Recovery Charge applicable to all biomethane rate schedules within the Mainland and Vancouver Island Service Area is to increase from \$10.287/GJ to \$10.535/GJ effective January 1, 2020.
- 5. The Long Term Biomethane rate remains unchanged at \$10.00/GJ effective January 1, 2020.

6. The information in Tab 4. Pages 4C, 5C, and 6C of the Report will be held confidential as requested by FEI as it contains market sensitive information.
7. FEI will notify all customers that are affected by the rate changes with a bill insert or bill message to be included with the next monthly gas billing.

DATED at the City of Vancouver, in the Province of British Columbia, this (XX) day of (Month) 2019.

BY ORDER

(X. X. last name)
Commissioner

Attachment

Appendix A

FortisBC Energy Inc.
Application regarding its 2019 Fourth Quarter Gas Cost Report
and Rate Changes effective January 1, 2020
for Mainland and Vancouver Island Service Area

Midstream rate changes applicable to FortisBC Energy Inc. – Mainland and Vancouver Island Service Area
Effective January 1, 2020

Midstream rates changes applicable to FortisBC Energy Inc. - Mainland and Vancouver Island Service Area
effective January 1, 2020

		Residential		Commercial		Seasonal		General Firm Service		NGV		General Interruptible		LNG Service
	(\$/GJ)	RS-1		RS-2		RS-3		RS-5		RS-6		RS-7		RS-46
Storage and Transport Charges														
Effective January 1, 2019	\$	1.485	\$	1.490	\$	1.245	\$	1.029	\$	1.029	\$	0.469	\$	1.029
Flow-through changes		(0.398)		(0.387)		(0.325)		(0.313)		(0.313)		(0.132)		(0.313)
Proposed for January 1, 2020	\$	1.087	\$	1.103	\$	0.920	\$	0.716	\$	0.716	\$	0.337	\$	0.716
MCRA Rate Rider 6														
Effective January 1, 2019	\$	(0.023)	\$	(0.023)	\$	(0.019)	\$	(0.016)	\$	(0.016)	\$	(0.007)	\$	(0.016)
Flow-through changes		(0.045)		(0.046)		(0.039)		(0.029)		(0.029)		(0.014)		(0.029)
Proposed for January 1, 2020	\$	(0.068)	\$	(0.069)	\$	(0.058)	\$	(0.045)	\$	(0.045)	\$	(0.021)	\$	(0.045)