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October 1, 2020

B.C. Sustainable Energy Association  
c/o William J. Andrews, Barrister & Solicitor  
1958 Parkside Lane  
North Vancouver, B.C.  
V7G 1X5

Attention: Mr. William J. Andrews

Dear Mr. Andrews:

**Re: FortisBC Inc. (FBC)**  
**Project No. 1599119**  
**Annual Review for 2020 and 2021 Rates (Application)**  
**Response to the B.C. Sustainable Energy Association (BCSEA) Information Request (IR) No. 1**

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On August 19, 2020, FBC filed the Application referenced above. In accordance with British Columbia Utilities Commission Order G-211-20 setting out the Regulatory Timetable for the review of the Application, FBC respectfully submits the attached response to BCSEA IR No. 1.

If further information is required, please contact the undersigned.

Sincerely,

**FORTISBC INC.**

***Original signed:***

Diane Roy

Attachments

cc (email only): Commission Secretary  
Registered Parties

FortisBC Inc. (FBC or the Company) Annual Review for 2020 and 2021 Rates – Project No. 1599119 (Application)	Submission Date: October 1, 2020
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**1.0 Topic: COVID-19 Pandemic**

**Reference: Exhibit B-2, Section 12.2.1 COVID-19 Pandemic**

FBC discusses the COVID-19 pandemic under the heading of Exogenous Factors.

1.1 Setting aside exogenous factor treatment for incremental impacts related to COVID-19, please discuss the impact of the COVID-19 pandemic on FBC's demand-side management (DSM) spending and energy savings in 2020 and 2021.

**Response:**

While FBC's DSM spending and energy savings YTD are tracking at approximately 80 percent of planned, FBC expects that the enhanced measures described below will help FBC achieve 90 percent of planned DSM spending in 2020. As discussed in the response to BCSEA IR1 3.2, the COVID-19 pandemic is not the primary reason that energy savings in 2020 will be below plan. FBC will be undertaking best efforts to achieve its approved plan in 2021, but at this time, it is unknown what impact the pandemic may have.

FBC has made adjustments to all of its DSM program areas to adapt to the pandemic and has kept most DSM programs in the market for customers. During the initial stages of the pandemic, FBC put some activities requiring an onsite presence on hold, including, in particular, the Energy Conservation Assistance Program and Rental Apartment Efficiency Program. Where possible, virtual site visits replaced on-site visits. During the first few months of the pandemic, FBC also paused active marketing campaigns for energy-efficient equipment rebates and focused instead on energy saving tips for customers.

To help meet approved DSM expenditure and energy savings levels, FortisBC is supporting the BC Restart Plan, collaborating with program partners BC Hydro and CleanBC, and enhancing incentives to financially support all customers. In the Residential Program Area, FBC is launching a time-limited, pre-qualification period for enhanced heating system incentives from October 1 to December 31, 2020, with the opportunity for equipment installation by March 31, 2021.

To support the construction of high performance homes in an economic downturn, the New Home Program enhanced incentives will remain in the market through 2021. In the Commercial and Industrial program areas, FBC is supporting customers by offering increased incentives through 2021, and modifying the payment structure to support capital project studies and project completion.

## 2.0 Topic: Rate Increases

2.1 Please provide a graph and table showing approved and proposed annual rate increases from 2007 to 2021. Please show a representative inflation index for comparison.

### Response:

The requested graphs and tables are provided below. Please note that any rate changes related to rebalancing as a result of any rate design application during this time period are not reflected.

**Table 1: Proposed and Approved Rate Increases and BC CPI**

Rate Change Date	Proposed Rate Increase	Approved Rate Increase	BC CPI
1-Jan-07	2.10%	1.20%	1.80%
2-Apr-07 <sup>1</sup>	2.10%	2.10%	1.80%
1-Jan-08	3.40%	2.90%	2.10%
1-May-08 <sup>2</sup>	0.80%	0.80%	2.10%
1-Jan-09	5.60%	4.60%	0.00%
1-Sep-09 <sup>2</sup>	2.20%	2.20%	0.00%
1-Jan-10	4.00%	6.00%	1.30%
1-Sep-10 <sup>2</sup>	2.90%	2.90%	1.30%
1-Jan-11	6.20%	6.60%	2.40%
1-Jun-11 <sup>2</sup>	1.40%	1.40%	2.40%
1-Jan-12	4.00%	1.50%	1.10%
1-Jan-13	6.90%	4.20%	-0.10%
1-Jan-14	3.30%	3.30%	1.00%
1-Jan-15 <sup>3</sup>	3.50%	3.50%	1.10%
1-Aug-15	1.60%	1.60%	1.10%
1-Jan-16	3.12%	2.96%	1.80%
1-Jan-17	2.76%	2.76%	2.10%
1-Jan-18	0.00%	0.00%	2.70%
1-Jan-19	0.00%	0.00%	2.30%
1-Jan-20 <sup>3</sup>	1.00%	1.00%	1.10%
1-Jan-21	6.37%	-	1.90%

#### Notes:

<sup>1</sup> Change in treatment of CWIP.

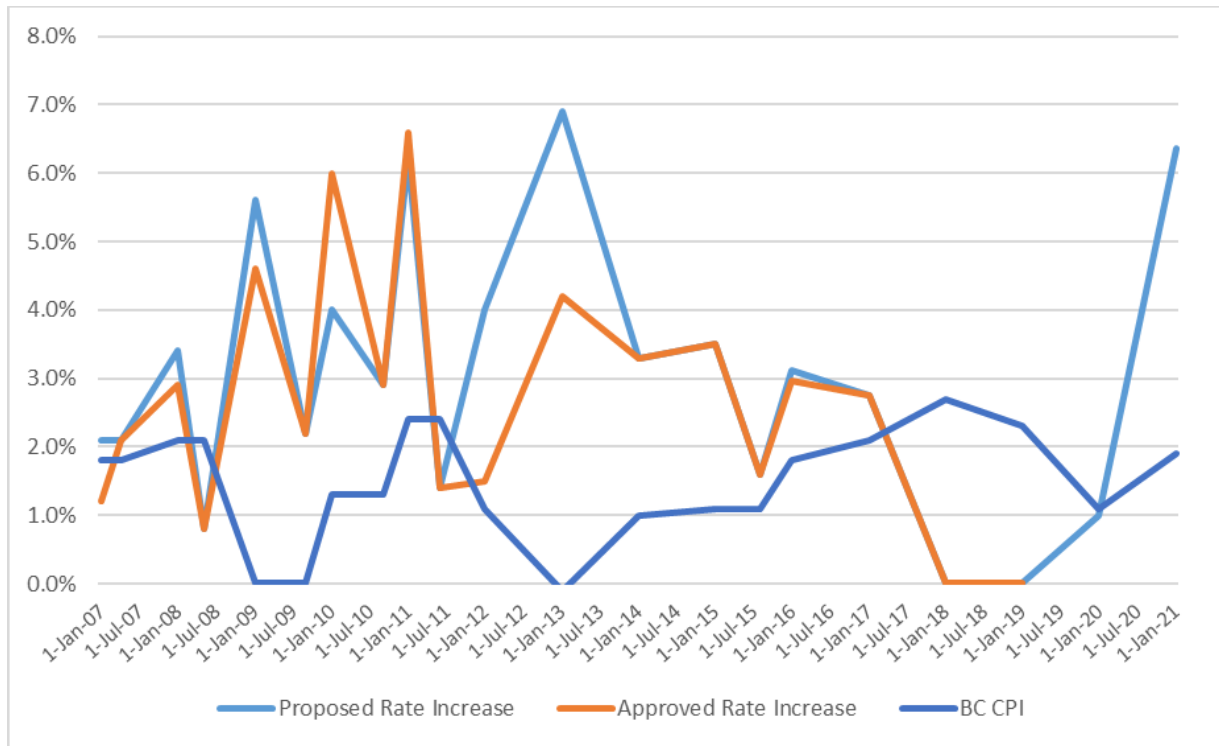
<sup>2</sup> Flow through of BC Hydro rate increase.

<sup>3</sup> Interim rate increase.

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1 The Annual Average BC CPI in the above table is as provided by BC Stats, January 2020:  
2 [https://www2.gov.bc.ca/assets/gov/data/statistics/economy/cpi/cpi\\_annual\\_averages.pdf](https://www2.gov.bc.ca/assets/gov/data/statistics/economy/cpi/cpi_annual_averages.pdf)

3 **Figure 1: Comparison of Proposed and Approved Rate Increases to BC CPI**



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- 1    **3.0    Topic:        DSM Savings**
- 2                    **Reference:    Exhibit B-2, Table3-1: Forecast Incremental 2020 and 2021 DSM**
- 3                    **Savings, pdf p.23; FBC Application for Acceptance of DSM**
- 4                    **Expenditures for 2019-2022, Exhibit B-1, Table 1-1, page 1; Exhibit B-**
- 5                    **2, Appendix A3, section 1.2.7, pdf p. 203**

**Table 3-1: Forecast Incremental 2020 and 2021 DSM Savings (GWh)<sup>6</sup>**

Line			
No.	Description	2020	2021
1	Residential	(2)	(7)
2	Commercial	(7)	(20)
3	Wholesale	(2)	(7)
4	Industrial	(5)	(15)
5	Lighting	(0)	(1)
6	Irrigation	(0)	(0)
7	Net Load	(17)	(50)
8	Losses	(2)	(4)
9	Gross Load	(19)	(54)

- 6
- 7                    3.1    Please explain the increase in forecast DSM Savings between Projected 2020
- 8                    and Forecast 2021.
- 9

10    **Response:**

11    The approved 2019-2022 DSM plan forecasts relatively consistent savings of 32.3 and 32.6

12    GWh in 2020 and 2021, respectively. The increase in forecast DSM savings between Projected

13    2020 and Forecast 2021 is due to the way the DSM savings are presented and attributed in the

14    Application forecast. Please refer to the response to BCUC IR1 2.1 for a discussion on how

15    DSM savings are presented and attributed.

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19                    Table 1-1 from FBC's Application for Acceptance of DSM Expenditures for 2019-2022

20                    [page 1], reproduced below, shows planned energy savings of 32.1 GWh for 2020 and

21                    32.4 GWh for 2021

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**Table 1-1: 2019-2022 DSM Plan compared with the LT DSM Plan**

Plan	2019	2020	2021	2022	Total
<b>Expenditures (\$000s)</b>					
2019-2022 DSM Plan	\$10,900	\$10,600	\$11,100	\$11,400	\$44,000
LT DSM Plan	\$8,100	\$8,200	\$9,400	\$10,600	\$36,300
<i>Difference</i>	<i>\$2,800</i>	<i>\$2,400</i>	<i>\$1,700</i>	<i>\$800</i>	<i>\$7,700</i>
<b>Energy savings (GWh)</b>					
2019-2022 DSM Plan	32.6	32.1	32.4	33.1	130.3
LT DSM Plan	26.4	26.4	28.4	30.4	111.6
<i>Difference</i>	<i>6.2</i>	<i>5.7</i>	<i>4.0</i>	<i>2.7</i>	<i>18.7</i>

3.2 Please provide FBC's DSM current spending and energy savings figures (actual, projected, planned or forecast as the case may be) for 2019, 2020 and 2021, broken down by program area. Please explain the reasons for any significant variances from the approved 2019 DSM plan.

**Response:**

FBC provides the following revised Table 1-1 from the 2019-2022 DSM Expenditures application, which was filed as Exhibit B-1-1 in that proceeding:

**Table Error! No text of specified style in document.-1: 2019-2022 DSM Plan compared with the LT DSM Plan**

Plan	2019	2020	2021	2022	Total
<b>Expenditures (\$000s)</b>					
2019-2022 DSM Plan	\$10,900	\$10,600	\$11,100	\$11,400	<b>\$44,000</b>
LT DSM Plan	\$8,100	\$8,200	\$9,400	\$10,600	<b>\$36,300</b>
<i>Difference</i>	<i>\$2,800</i>	<i>\$2,400</i>	<i>\$1,700</i>	<i>\$800</i>	<i>\$7,700</i>
<b>Energy savings (GWh)</b>					
2019-2022 DSM Plan	32.8	32.3	32.6	33.3	<b>131.0</b>
LT DSM Plan	26.4	26.4	28.4	30.4	<b>111.6</b>
<i>Difference</i>	<i>6.4</i>	<i>5.9</i>	<i>4.2</i>	<i>2.9</i>	<i>19.4</i>

Table 1 below shows FBC's spending and energy savings figures by program area, for the three years requested, from the approved 2019-2022 DSM plan, and the 2019 actual results. The 2020 year-end forecast (YEF) is provided in Table 2 below, and the 2021 Plan is unchanged at this time.

**Table 1: 2019-2021 Plan years and 2019 Actual Expenditures and Savings, by Program Area**

Program Area (Sector)	Expenditures (000s)				Energy savings (GWh)			
	Plan			Actual 2019	Plan			Actual 2019
	2019	2020	2021		2019	2020	2021	
Residential	\$2,086	\$2,304	\$2,519	\$2,189	6.0	5.6	6.0	6.5
Low Income	\$843	\$873	\$899	\$937	1.2	1.2	1.2	1.3
Commercial	\$3,178	\$3,031	\$3,052	\$3,385	15.5	15.5	15.3	15.0
Industrial	\$1,762	\$1,788	\$1,813	\$1,096	10.0	10.0	10.1	3.0
<i>Program sub-total</i>	<i>\$7,870</i>	<i>\$7,995</i>	<i>\$8,284</i>	<i>\$7,607</i>	<i>32.8</i>	<i>32.3</i>	<i>32.6</i>	<i>25.8</i>
Education and Outreach	\$566	\$497	\$595	\$575				
Supporting Initiatives	\$1,218	\$838	\$1,024	\$869				
Portfolio	\$776	\$913	\$1,019	\$762				
Demand Response	\$477	\$324	\$130	\$264				
<b>Total</b>	<b>\$10,900</b>	<b>\$10,600</b>	<b>\$11,100</b>	<b>\$10,077</b>	<b>32.8</b>	<b>32.3</b>	<b>32.6</b>	<b>25.8</b>

### 2019 Material Variance Explanations:

#### Industrial

The Industrial Program Area saw lower than anticipated participation from cannabis cultivators, owing to fewer than expected new facility connections. The Industrial Program Area also saw lower than anticipated participation from the wood products industry, due a market decline. Together, this resulted in energy savings, and commensurate incentive expenditures, lower than Plan.

#### Supporting Initiatives

The launch of the reporting tool and customer application portal was delayed to 2020, causing a portion of the costs of the project not to be spent in 2019.

#### Demand Response

Choosing a proponent through a competitive procurement process led to lower than expected expenditures for 2019.

## 1    **2020**

2                    **Table 2: 2020 Plan and YEF Expenditures and Savings, by Program Area**

Program Area (Sector)	EXPENDITURES (\$000s)		ENERGY SAVINGS (GWh)	
	Plan	Year-end Forecast	Plan	Year-end Savings Forecast
Residential	2,304	2,109	5.6	5.3
Low Income	873	612	1.1	0.7
Commercial	3,031	2,490	15.5	11.1
Industrial	1,788	1,601	10.0	5.0
Conservation Education and Outreach	497	603	-	-
Supporting Initiatives	838	1,015	-	-
Portfolio	955	779	-	-
Demand Response	324	235	-	-
	10,600	9,444	32.2	22.1

## 3                    **2020 YEF material variance explanations:**

### 4                    Low Income

5                    The variance is a result of the Direct Install program being out of market for almost half of the  
6                    year due to the COVID-19 pandemic. While programs that did not require an on-site presence  
7                    remained in market, ensuring safety during the pandemic was a focus of FBC and many of our  
8                    customers, and the Direct Install on-site activities were paused as a result.

### 9                    Commercial

10                    In 2020, FBC is experiencing lower than plan participation particularly owing to lower than  
11                    expected comprehensive retrofits from municipal and institutional customers. As a result, FBC  
12                    program expenditures are forecast to be approximately 18 percent below plan, with energy  
13                    savings commensurately lower by a similar amount.

### 14                    Industrial

15                    In 2020, similar to 2019, FBC has experienced lower than anticipated participation from  
16                    cannabis cultivators, owing to fewer new facilities that materialized. Those participants face  
17                    much higher incremental costs for specialized cannabis lighting products, and the performance  
18                    program offer changed in 2019 to cover a larger portion of those incremental costs to address  
19                    the cost barrier to adoption. Hence, incentives paid are higher and projected energy savings are  
20                    proportionally lower than plan.



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### Conservation and Education Outreach (CEO)

The FBC CEO Program area year-end forecast is above the DSM plan due to unanticipated needs this year in the School and Commercial Education Programs. For the School Education Program, due to COVID-19 and the need for remote learning tools, extra development work was undertaken this year. For the Commercial Education Program, communications activities were enhanced based on learning from the previous year with the intent to drive more participation within Commercial programs.

### Supporting Initiatives

- Commercial Energy Specialist Program: The 2019-2022 DSM Plan anticipated only two FBC service area participants in the Commercial Energy Specialist Program. However, since then, expanded interest has emerged from local institutions and industry associations, which has in turn increased the number of participating organizations and hence additional CES placements.
- Reporting Tool & Customer Application Portal: This project was expected to launch in 2019; however, the project launch was delayed until 2020. Thus, the majority of the costs were realized in 2020 rather than 2019. Additionally, the scope of work for the project significantly increased for a seamless integration for customers, and to include a higher number of energy efficiency programs than initially planned.

### Portfolio

Innovative Technologies will receive significant NRCAN co-funding for the FBC-managed BC field study of Cold Climate Heat Pumps, which was completed earlier this year.

### Demand Response

The Demand Response (DR) pilot project expenditures were based on cost estimates from the Kelowna DR Assessment Report. The 2020 year-end forecast reflects the cost savings achieved by selecting the successful proponent through a competitive procurement process.

In section 1.2.7 of Exhibit B-2 (pdf p. 203), FBC states that “The forecast of DSM savings is consistent with the Company’s approved 2019 DSM Plan.”

3.3 Please explain how the forecast of DSM savings is consistent with the approved DSM plan.

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1    **Response:**

2    Please refer to the response to BCUC IR1 2.1.

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6            3.4    Please discuss the effect, if any, on FBC's load forecast and on FBC's rates of  
7                   any variance between the DSM savings values shown in Table 3-1 and those in  
8                   the 2019-2022 DSM Plan.

9

10   **Response:**

11   There is no variance between the DSM savings values shown in Table 3-1 and those in the  
12   2019-2022 DSM plan.

13   Please refer to the response to BCUC IR1 2.1 for a discussion of the difference between the  
14   2019 DSM plan and the DSM forecasts presented in the Application.

15

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1     **4.0     Topic:           Electric Vehicle Charging**

2                 **Reference:   Exhibit B-2, section 6.3.5, Clean Growth Initiative – Electric Vehicle**  
3                         **(EV) Charging Stations, pdf p.55; section 7.2.2, Flow-Through Capital**  
4                         **Expenditures, pdf p.58; Appendix C1, Prior Year Directives, pdf**  
5                         **p.241**

6                 FBC notes that in Order G-9-18 – FBC Application for Approval of Rate Design and  
7                 Rates for Electric Vehicle Direct Current Fast Charging Service:

8                         “FBC is directed to separately track and account for all costs associated with the  
9                         EV DCFC stations and exclude all such costs from its utility rate base until the  
10                         Commission directs otherwise.” [pdf p.241]

11                 4.1     Are the revenues from DCFC Charging Service (i.e., from EV drivers) captured in  
12                         the Flow-through deferral account?

13  
14     **Response:**

15     Pursuant to Order G-9-18, until the BCUC directs otherwise, the associated revenues and costs  
16     associated with EV DCFC stations are not included in the revenue requirements or regulated  
17     results. Therefore, neither the revenues nor the costs (O&M or capital) associated with the EV  
18     charging stations are accounted for in the Flow-through deferral account at this time.

19

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**5.0 Topic: FortisBC Corporate and Sustainability Report**

**Reference:** <https://www.fortisbc.com/sustainabilityreport/home>

In Decision and Order G-165-20, p.167, the Panel noted that FEI said that it expects that interveners will be free to ask questions regarding FortisBC's Annual Sustainability Report within the Annual Review process.

On its website, FortisBC says its 2019 Corporate and Sustainability Report has "moved online" to: <https://www.fortisbc.com/sustainabilityreport/home>.

5.1 Please file a pdf copy of FortisBC's 2019 Corporate and Sustainability Report if possible.

**Response:**

The 2019 FortisBC Corporate and Sustainability Report is only available in digital format online through the website link provided in the preamble to the IR above. A PDF document is not available for the 2019 reporting year.

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**6.0 Topic: FortisBC Corporate and Sustainability Report, Environmental Indicators**

**Reference:** <https://www.fortisbc.com/sustainabilityreport/2019-performance-indicators/protecting-our-environment>

In its 2019 FortisBC Corporate and Sustainability Report, FortisBC provides data for performance indicators in various tables.

The table “Protecting Our Environment, Performance Summary,” says in Footnote 1 “This summary table reports on sustainability data for FortisBC Energy Inc. (FEI) and FortisBC Inc. (FBC) as of December 31, 2019.”

The table and notes for the first two indicators, under the heading Emissions, are as follows:

Indicator	2017	2018	2019
<b>Emissions</b>			
Direct greenhouse gas (GHG) emissions (scope 1) <sup>2</sup> (figures in tCO <sub>2</sub> e)	153,000	130,000	158,000
Indirect GHG emissions (scope 2) <sup>3</sup> (figures in tCO <sub>2</sub> e)	5,300	7,200	7,000

<sup>2</sup> Scope 1 emissions, as defined under the Greenhouse Gas Protocol, are direct emissions from owned or controlled sources. For 2019, this includes externally verified scope 1 GHG emissions as reported to the BC Ministry of Environment of 138,000 tCO<sub>2</sub>e and 7,500 tCO<sub>2</sub>e for FortisBC Energy Inc. and LNG operations, respectively.

<sup>3</sup> Scope 2 emissions, as defined under the Greenhouse Gas Protocol, are indirect emissions from the generation of purchased electricity for own use. Not included is externally verified scope 3 GHG emissions for FBC as reported to the BC Ministry of Environment in 2019 of approximately 56,000 tCO<sub>2</sub>e.

**6.1** Please clarify whether the figures for Direct GHG emissions and for Indirect GHG emissions include GHG emissions attributable to FBC (electric). If so, please provide figures for FBC (electric) alone.

**Response:**

The figures for Direct and Indirect GHG emissions in the “Protecting Our Environment, Performance Summary” include emissions attributable to FBC (electric) as per Footnote 1. The

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2019 Direct GHG emissions for FBC were 6,000 tCO<sub>2</sub>e and the 2019 Indirect GHG emissions for FBC were 6,600 tCO<sub>2</sub>e.

For 2017 and 2018, the separation of Direct and Indirect GHG emissions attributed to FBC and FEI is problematic as the emissions related to office building use are difficult to separate between entities due to limitations with the dataset. However, at a high level, for Direct GHG emissions, FBC's contribution to the value is minor (i.e., less than 10 percent) compared to FEI. In contrast, for Indirect GHG emissions, FBC's contribution to the value is significant (i.e., approximately 70 percent) compared to FEI.

6.2 What are FBC's expectations for Direct GHG emissions in 2020, based on year-to-do and projections?

**Response:**

Direct GHG emissions for FBC in 2020 are expected to be similar to 2019 values.

The table and notes for the next indicators, under the heading Environmental benefits from FortisBC energy solutions, are as follows:

Indicator	2017	2018	2019
<b>Environmental benefits from FortisBC energy solutions</b>			
GHG emissions saved from natural gas used for transportation <sup>4</sup> (figures in tCO <sub>2</sub> e)	48,000	45,000	37,100
GHG emissions saved from liquefied natural gas (LNG) used for marine bunkering (figures in tCO <sub>2</sub> e)	9,000	17,000	34,200
GHG emissions saved from Renewable Natural Gas <sup>5</sup> (figures in tCO <sub>2</sub> e)	7,700	8,900	11,100

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Indicator	2017	2018	2019
Reduction in criteria air contaminants (CAC) released to the environment through the use of LNG and compressed natural gas (CNG) by customers <sup>6</sup> (figures in tonnes CAC)	249	269	294
Lifetime energy saved from conservation and energy management programs <sup>7</sup> (figures in tCO <sub>2</sub> e)	292,000	334,000	483,000

1                   <sup>4</sup> Value differs from the compliance credits as determined by the Renewable and  
2 Low Carbon Fuel Requirements Regulation due to designated allowable limits as  
3 determined by the BC Government for the purposes of reporting under that  
4 regulation.

5                   <sup>5</sup> Renewable Natural Gas is produced in a different manner than conventional  
6 natural gas. It is derived from biogas, which is produced from decomposing  
7 organic waste from landfills, agricultural waste and wastewater from treatment  
8 facilities. The biogas is captured and cleaned to create carbon neutral  
9 Renewable Natural Gas (also called biomethane).

10                   <sup>6</sup> The CAC value includes nitrogen oxides (NOx) and sulphur oxides (SOx) but  
11 excludes particulate matter. The formation of particulate matter is related to the  
12 concentration of NOx and SOx in the exhaust. Given the decrease in NOx and  
13 SOx emissions for the use of natural gas versus diesel, a decrease in particulate  
14 matter is expected.

15                   <sup>7</sup> The lifetime energy saved is based on the net present value (NPV) estimates  
16 on energy savings from gas and electric programs that commenced in the  
17 reporting year as published in FortisBC's conservation and energy management  
18 filings to the British Columbia Utilities Commission (BCUC) as well as lifecycle  
19 GHG emission factor for gas using models adopted by the BC Government.

20                   6.3 What does “FortisBC energy solutions” include? Do the results for  
21 “Environmental benefits from FortisBC energy solutions” include FBC (electric)?  
22

23 **Response:**

24 FortisBC energy solutions that are associated with the “Environmental benefits from FortisBC  
25 energy solutions” include: renewable natural gas (RNG), liquefied natural gas (LNG),  
26 compressed natural gas (CNG), and conservation and energy management programs (C&EM)  
27 for natural gas and electricity. In the table below, “Lifetime energy saved from conservation and  
28 energy management programs” includes environmental benefits from both FBC electric and FEI  
29 natural gas conservation and energy management programs.

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Environmental benefits from FortisBC energy solutions	Associated FortisBC energy solution
GHG emissions saved from natural gas used for transportation (figures in tCO <sub>2</sub> e)	CNG and LNG
GHG emissions saved from liquefied natural gas (LNG) used for marine bunkering (figures in tCO <sub>2</sub> e)	LNG
GHG emissions saved from Renewable Natural Gas – RNG (figures in tCO <sub>2</sub> e)	RNG
Reduction in criteria air contaminants (CAC) released to the environment through the use of LNG and compressed natural gas (CNG) by customers (figures in tCO <sub>2</sub> e)	CNG and LNG
Lifetime energy saved from conservation and energy management programs <sup>7</sup> (figures in tCO <sub>2</sub> e)	Conservation and energy management programs for natural gas and electricity



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1 **7.0 Topic: FortisBC Corporate and Sustainability Report, Partners and**  
2 **Communities Indicators**

3 **Reference:** [https://www.fortisbc.com/sustainabilityreport/2019-performance-](https://www.fortisbc.com/sustainabilityreport/2019-performance-indicators/working-with-our-partners-and-communities)  
4 [indicators/working-with-our-partners-and-communities](https://www.fortisbc.com/sustainabilityreport/2019-performance-indicators/working-with-our-partners-and-communities)

5 Under the heading “Working with our partners and communities,” the table and notes for  
6 the first three performance indicators under the subheading “Economic” are as follows:

7 **Performance summary<sup>1</sup>**

Indicator	2017	2018	2019
<b>Economic</b>			
Community events participated in <sup>2</sup>	505	429	332
Communities that received investment	85	75	76
Number of Indigenous communities that received training from the First Nations Emergency Services Society	126	120	70

8 <sup>1</sup> This summary table reports on sustainability data for FortisBC Energy Inc. and  
9 FortisBC Inc. as of December 31, 2019.

10 <sup>2</sup> A FortisBC event or activity open to members of the public (inclusive of virtual  
11 activities) where a FortisBC employee is present to answer questions and share  
12 information about the company.

13 <sup>3</sup> Revenues as reported per external financial statements for FortisBC Energy Inc. and  
14 FortisBC Inc.

15 7.1 Please provide a revised version of the table in the preamble, showing data for  
16 FBC alone.

17  
18 **Response:**

19 FBC provides a revised version of the table below, showing data for FBC alone.

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Performance summary - FBC alone			
Indicator	2017	2018	2019
Community events participated in	141	129	90
# of Communities that received investment	25	22	19
Number of Indigenous communities that received training from the First Nations Emergency Services Society <sup>1</sup>	n/a	n/a	n/a

<sup>1</sup> The First Nations Emergency Services Society is funded by FEI, and is therefore represented by an “n/a” in the chart above.

7.2 Please explain any evident trends.

**Response:**

The table provided in response to BCSEA IR1 7.1 shows a decrease in certain performance indicators between 2017 and 2019. This is due to a number of factors, as follows:

- Beginning in 2018, FBC implemented a more targeted approach to event attendance in order to reach specific market segments with a focus on closer and more effective engagement. This has resulted in FBC expending increased effort over fewer events.
- The C&EM budget apportioned to these events and investments was decreased by \$45 thousand in 2019, as the focus was to target segmented markets defined from our market research.

FBC expects to see a decrease in community event attendance during 2020 and 2021 due to the COVID-19 pandemic and reflecting the high number of events that FBC has cancelled to date. FBC will continue to seek opportunities to attend virtual events and open houses; however, it is not possible to predict when event attendance will be able to return to pre-pandemic levels.

7.3 What does FBC expect for 2020 and 2021 regarding community events, investment and Indigenous training?

**Response:**

Please refer to the response to BCSEA IR1 7.2.

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**8.0 Topic: Clean Growth Pathway to 2050, 30BY30 Target**

**Reference: Fortis BC Clean Growth Pathway to 2050**

([https://www.cdn.fortisbc.com/libraries/docs/default-source/about-us-documents/clean-growth-pathway-brochure.pdf?sfvrsn=1a4b811f\\_2](https://www.cdn.fortisbc.com/libraries/docs/default-source/about-us-documents/clean-growth-pathway-brochure.pdf?sfvrsn=1a4b811f_2)); **FortisBC 30BY30 Target**  
(<https://www.fortisbc.com/news-events/media-centre-details/2019/09/23/fortisbc-sets-30by30-target-for-a-lower-carbon-future>)

FortisBC's "Clean Growth Pathway to 2050" says (page 3):

"Our pathway calls for four significant shifts in our energy systems to foster market transformation:

- making significant investments in both low and zero carbon vehicles and infrastructure in the transportation sector
- transitioning from higher carbon energy sources to lower carbon sources by ramping up Renewable Natural Gas (RNG) and hydrogen deployment to achieve a ten per cent zero-carbon fuel supply by 2030 and a thirty per cent supply by 2050
- positioning BC as a vital domestic and international Liquefied Natural Gas (LNG) provider to lower global GHG emissions
- tripling our investment in energy efficiency in the built environment and developing innovative energy projects in BC's communities"

On September 23, 2019 FortisBC issued its 30BY30 Target to reduce its customers' greenhouse gas emissions by 30 per cent by the year 2030. FortisBC says:

"Our 30BY30 target is part of the next phase of our [2018] Clean Growth Pathway to 2050. It will help focus us on our path, allow us to track our progress and drive us to find innovative new solutions that advance a sustainable future – in an affordable way." (<https://www.fortisbc.com/about-us/sustainability>)

**8.1 Please describe how FortisBC's Clean Growth Pathway to 2050 and 30BY30 target apply to FBC (electric).**

**Response:**

As noted in the preamble above, FortisBC's Clean Growth Pathway to 2050 and the 30BY30 target apply to FBC (electric), with activities such as investing in electric vehicle charging infrastructure contributing towards the targets.