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November 19, 2018

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. (FEI)**

**Project No. 1598970**

**2019 and 2020 Revenue Requirements and Rates Application for the Fort Nelson Service Area (the Application)**

**Evidentiary Update dated November 19, 2018**

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On September 4, 2018, FEI filed the Application referenced above. The following three items have resulted in changes to the Application (Exhibit B-1) and resulting revenue deficiencies for 2019 and 2020 which are reflected in this Evidentiary Update:

1. Update the allocation of Intangible Plant additions from FEI to FEFN for 2019 and 2020;
2. Update to the allocation of Intangible Plant from FEI to FEFN for 2017 actuals; and
3. Update to Transmission Plant additions projected for 2018 and forecast for 2019 to account for projects underway.

Each of the three items listed above is discussed in more detail below.

### **1. Update the allocation of Intangible Plant additions for 2019 and 2020**

Fort Nelson Intangible Plant additions are derived as an allocation from FEI. When allocating the Intangible capital costs to FEFN, FEI used incorrect costs as a basis for the allocation resulting in lower overall Intangible Plant additions being allocated to FEFN as discussed in

response to CEC IR 1.11.1. This evidentiary update corrects the allocation. Due to the high CCA rate and tax deduction for Intangibles, the overall deficiency change from the increase in rate base results in a surplus of \$0.002 million in both 2019 and 2020.

## 2. Update to the allocation of Intangible Plant from FEI to FEFN for 2017 actuals

When allocating Intangible Plant to Fort Nelson for 2017 actuals, Normalized Sales Volume was used when customer count should have been used as discussed in response to BCUC IR 1.9.1 which resulted in a larger allocation of actuals to Fort Nelson in 2017 than appropriate. This Evidentiary Update corrects the 2017 actuals allocation by adjusting FEFN opening plant downward which flows into 2018 projected and 2019 and 2020 forecasts of rate base. The resulting decrease in rate base from this adjustment results in a surplus of \$0.006 million and a deficiency of \$0.001 million in 2019 and 2020 respectively.

## 3. Update to Transmission Plant additions for 2018 and 2019

In response to CEC IR 1.12.1, when preparing the Application FEI inadvertently omitted transmission projects that were underway at the time the Application was being prepared. FEI has corrected for Transmission Plant additions with this Evidentiary Update. Updating rate base with this adjustment results in an increased deficiency of \$0.009 million and \$0.001 million in 2019 and 2020 respectively.

Below is the updated Table 8-2 of the Application as a result of this Evidentiary Update, particularly for item 1 and 2 above.

**Table 1: Revised Table 8-2 of Application - Summary of Gross Plant Additions (\$000s)<sup>1</sup>**

	Approved 2017	Actual 2017	Approved 2018	Projected 2018	Forecast 2019	Forecast 2020
Intangibles	46	74	46	46	44	46
Transmission	75	54	15	193	22	5
Distribution	307	302	388	399	573	463
General	50	50	50	50	49	49
<b>Total</b>	<b>478</b>	<b>480</b>	<b>499</b>	<b>688</b>	<b>688</b>	<b>563</b>

### **Summary of Impacts:**

The combined impact of the items identified above is a 2019 revenue deficiency of \$0.001 million or an approximate 0.043 percent rate increase for 2019. This increase combined with the rate increase of 4.37 percent identified in Section 1.3 of the Application results in a rate

<sup>1</sup> Table excludes AFUDC and capitalized overhead. The forecast capital additions with AFUDC and capitalized overhead for 2019 and 2020 are \$809 thousand and \$685 thousand, respectively (Appendix A, Schedule 5, Line 38, Column 5 for 2019 and Section 10, Schedule 6, Line 38, Column 5 for 2020)

increase of 4.41 percent in 2019. With this Evidentiary Update the combined two-year deficiency increase from \$0.281 million to \$0.282 million. The impacts of each of the items are set out in Table 2 below.

**Table 2: Revenue Requirement Impacts of Evidentiary Update**

<b>Evidentiary Update</b>		<b>Revenue Deficiency Impact (\$ millions)</b>		
<b>Line Item</b>	<b>Reference</b>	<b>2019 Forecast</b>	<b>2020 Forecast</b>	<b>Cumulative</b>
1. Update Allocation of Intangible Plant for 2019 and 2020 forecast	CEC IR 1.11.1	\$ (0.002)	\$ (0.002)	\$ (0.004)
2. Update Allocation of Intangible Plant for 2017 actuals	BCUC IR 1.9.1	(0.006)	0.001	(0.005)
3. Transmission Plant additions 2018 projection and 2019 forecast	CEC IR 1.12.1	0.009	0.001	0.010
<b>Total November 19, 2018 Evidentiary Update</b>		<b>0.001</b>	<b>-</b>	<b>0.001</b>
Deficiency from September 4, 2018 Filing	Exhibit B-1	0.101	0.180	0.281
<b>Total Deficiency November 19, 2018 Evidentiary Update</b>		<b>0.102</b>	<b>0.180</b>	<b>0.282</b>
Rate Change November 19, Evidentiary Update		4.41%	8.25%	12.66%

FEI has completed the revisions to FEFN financial schedules that result from the items listed above. Attached in Appendix A are revised Section 11 Financial Schedules which reflect the changes identified above. FEI has also included revised Tariff and Bill Impact Continuities as Appendix B and an amended Draft Order to this Evidentiary Update as Appendix C.

If further information is required, please contact the undersigned.

Sincerely,

**FORTISBC ENERGY INC.**

***Original signed:***

Diane Roy

Attachments

cc (email only): Registered Parties

**Appendix A**

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**FINANCIAL SCHEDULES**

**EVIDENTIARY UPDATE, DATED NOVEMBER 19, 2018**

**SUMMARY OF RATE CHANGE  
FOR THE YEARS ENDING DECEMBER 31, 2019 and 2020  
(\$millions)**

Line No.	Particulars	2019 Forecast		2020 Forecast		Cumulative		Cross Reference	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1	<b>VOLUME/REVENUE RELATED</b>								
2	Customer Growth and Volume	\$ 0.176		\$ 0.085		\$ 0.261			
3	Change in Other Revenue	<u>0.008</u>	0.184	<u>0.001</u>	0.086	<u>0.009</u>	0.270		
4									
5	<b>O&amp;M CHANGES</b>								
6	Gross O&M Change	(0.024)		0.002		(0.022)			
7	Capitalized Overhead Change	<u>0.003</u>	(0.021)	<u>(0.001)</u>	0.001	<u>0.002</u>	(0.020)		
8									
9	<b>DEPRECIATION EXPENSE</b>								
10	Plant Depreciation		0.038		0.009		0.047		
11									
12	<b>AMORTIZATION EXPENSE</b>								
13	CIAC	(0.001)		0.001		0.000			
14	Deferrals	<u>(0.012)</u>	(0.013)	<u>0.042</u>	0.043	<u>0.030</u>	0.030		
15									
16	<b>FINANCING AND RETURN ON EQUITY</b>								
17	Financing Rate Changes	(0.011)		0.000		(0.011)			
18	Financing Ratio Changes	0.011		(0.002)		0.009			
19	Rate Base Growth	<u>0.058</u>	0.058	<u>0.013</u>	0.011	<u>0.071</u>	0.069		
20									
21	<b>TAX EXPENSE</b>								
22	Property and Other Taxes	(0.018)		0.007		(0.011)			
23	Other Income Taxes Changes	<u>0.020</u>	0.002	<u>0.023</u>	0.030	<u>0.043</u>	0.032		
24									
25	<b>DEFERRED 2017/2018 REVENUE DEFICIENCY</b>		(0.146)		0.000		(0.146)		
26									
27	Revenue Deficiency (Surplus)	\$ 0.102		\$ 0.180		\$ 0.282		Schedule 21 & 22, Line 11, Column 4	
28									
29	Non-Bypass Margin @ Existing Rates*		<u>2.313</u>		(0.085)	<u>2.228</u>		Schedule 21 & 22, Line 15, Column 3	
30	Rate Change		<u>4.41%</u>			<u>12.66%</u>			
31									
32	* Existing rates are based on Fort Nelson rate design approved in Commission Order G-135-18 FEI 2016 Rate Design Application (RDA) on July 20, 2018.								

**FORTISBC ENERGY INC. - Fort Nelson**

FEFN 2019-2020 RRA Evidentiary Update - November 19, 2018

Section 11

**UTILITY RATE BASE  
FOR THE YEAR ENDING DECEMBER 31, 2019  
(\$000s)**

Schedule 2

Line No.	Particulars	2018 Approved	2019 at Revised Rates	Change	Cross Reference
	(1)	(2)	(3)	(4)	(5)
1	Plant in Service, Beginning	\$ 15,918	\$ 16,671	\$ 753	Schedule 5, Line 38, Column 3
2	Net Additions	463	709	246	Schedule 5, Line 38, Column 4+5+6
3	Plant in Service, Ending	16,381	17,380	999	
4					
5	Accumulated Depreciation Beginning	\$ (4,421)	\$ (4,504)	\$ (83)	Schedule 7, Line 38, Column 5
6	Net Additions	(256)	(354)	(98)	Schedule 7, Line 38, Column 6+7
7	Accumulated Depreciation Ending	(4,677)	(4,858)	(181)	
8					
9	CIAC, Beginning	\$ (1,326)	\$ (1,331)	\$ (5)	Schedule 9, Line 4, Column 2
10	Net Additions	-	-	-	Schedule 9, Line 4, Column 5+6
11	CIAC, Ending	(1,326)	(1,331)	(5)	
12					
13	Accumulated Amortization Beginning - CIAC	\$ 730	\$ 760	\$ 30	Schedule 9, Line 9, Column 2
14	Net Additions	28	29	1	Schedule 9, Line 9, Column 5+6
15	Accumulated Amortization Ending - CIAC	758	789	31	
16					
17	Net Plant in Service, Mid-Year	\$ 11,019	\$ 11,788	\$ 769	
18					
19	Capital Work in Progress, No AFUDC	\$ 35	\$ 121	\$ 86	
20	Unamortized Deferred Charges	126	129	3	Schedule 13, Line 22, Column 10
21	Working Capital	48	70	22	Schedule 17, Line 11, Column 3
22					
23	Mid-Year Utility Rate Base	\$ 11,228	\$ 12,108	\$ 880	

**UTILITY RATE BASE  
FOR THE YEAR ENDING DECEMBER 31, 2020  
(\$000s)**

Line No.	Particulars	2019 Forecast	2020 at Revised Rates	Change	Cross Reference
	(1)	(2)	(3)	(4)	(5)
1	Plant in Service, Beginning	\$ 16,671	\$ 17,380	\$ 709	Schedule 6, Line 38, Column 3
2	Net Additions	709	422	(287)	Schedule 6, Line 38, Column 4+5+6
3	Plant in Service, Ending	17,380	17,802	422	
4					
5	Accumulated Depreciation Beginning	\$ (4,504)	\$ (4,858)	\$ (354)	Schedule 8, Line 38, Column 5
6	Net Additions	(354)	(200)	154	Schedule 8, Line 38, Column 6+7
7	Accumulated Depreciation Ending	(4,858)	(5,058)	(200)	
8					
9	CIAC, Beginning	\$ (1,331)	\$ (1,331)	\$ -	Schedule 10, Line 4, Column 2
10	Net Additions	-	-	-	Schedule 10, Line 4, Column 5+6
11	CIAC, Ending	(1,331)	(1,331)	-	
12					
13	Accumulated Amortization Beginning - CIAC	\$ 760	\$ 789	\$ 29	Schedule 10, Line 9, Column 2
14	Net Additions	29	28	(1)	Schedule 10, Line 9, Column 5+6
15	Accumulated Amortization Ending - CIAC	789	817	28	
16					
17	Net Plant in Service, Mid-Year	\$ 11,788	\$ 12,105	\$ 317	
18					
19	Capital Work in Progress, No AFUDC	\$ 121	\$ 121	\$ -	
20	Unamortized Deferred Charges	129	20	(109)	Schedule 14, Line 22, Column 10
21	Working Capital	70	72	2	Schedule 18, Line 11, Column 3
22					
23	Mid-Year Utility Rate Base	\$ 12,108	\$ 12,318	\$ 210	

**CAPITAL EXPENDITURES TO PLANT RECONCILIATION  
FOR THE YEARS ENDING DECEMBER 31, 2019 and 2020  
(\$000s)**

Line No.	Particulars (1)	2019 Forecast (2)	2020 Forecast (3)	Cross Reference (4)
1	<b>CAPEX</b>			
2				
3	Total Regular Capital Expenditures	\$ 688	\$ 563	
4				
5	Total Special Projects and CPCNs	\$ -	\$ -	
6				
7	<b>Total Capital Expenditures</b>	<b>\$ 688</b>	<b>\$ 563</b>	
8				
9				
10	<b>RECONCILIATION OF CAPITAL EXPENDITURES TO PLANT</b>			
11				
12	Regular Capital Expenditures	\$ 688	\$ 563	
13	Add - Capitalized Overheads	121	122	Schedule 29, Line 19, Column 5 & 6
14	Add - AFUDC	-	-	
15	Gross Capital Expenditures	809	685	
16	Change in Work in Progress	-	-	
17	<b>Total Additions to Plant - Regular Capital</b>	<b>\$ 809</b>	<b>\$ 685</b>	
18				
19	Special Projects and CPCNs	\$ -	\$ -	
20	<b>Total Additions to Plant - CPCNs</b>	<b>\$ -</b>	<b>\$ -</b>	
21				
22	<b>Grand Total Additions to Plant</b>	<b>\$ 809</b>	<b>\$ 685</b>	



**PLANT IN SERVICE CONTINUITY SCHEDULE  
FOR THE YEAR ENDING DECEMBER 31, 2019  
(\$000s)**

Line No.	Account	Particulars	12/31/2018	CPCN's	Additions	Retirements	12/31/2019	Cross Reference
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1		<b>INTANGIBLE PLANT</b>						
2	461-01	Transmission Land Rights	\$ 78	\$ -	\$ -	\$ -	\$ 78	
3	471-01	Distribution Land Rights	20	-	-	-	20	
4	402-01	Application Software - 12.5%	386	-	22	(32)	376	
5	402-02	Application Software - 20%	43	-	22	(2)	63	
6			<u>\$ 527</u>	<u>\$ -</u>	<u>\$ 44</u>	<u>\$ (34)</u>	<u>\$ 537</u>	
7								
8		<b>TRANSMISSION PLANT</b>						
9	463-00	Measuring Structures	\$ 10	\$ -	\$ -	\$ -	\$ 10	
10	465-00	Mains	5,967	-	27	-	5,994	
11	467-10	Measuring & Regulating Equipment	670	-	-	-	670	
12	467-20	Telemetry	6	-	-	-	6	
13			<u>\$ 6,653</u>	<u>\$ -</u>	<u>\$ 27</u>	<u>\$ -</u>	<u>\$ 6,680</u>	
14								
15		<b>DISTRIBUTION PLANT</b>						
16	472-00	Structures & Improvements	\$ 273	\$ -	\$ -	\$ -	\$ 273	
17	473-00	Services	2,527	-	85	(6)	2,606	
18	474-00	House Regulators & Meter Installations	492	-	-	(36)	456	
19	474-02	Meters/Regulators Installations	152	-	29	-	181	
20	475-00	Mains	3,140	-	346	-	3,486	
21	477-10	Measuring & Regulating Equipment	1,719	-	197	-	1,916	
22	477-20	Telemetry	240	-	-	-	240	
23	478-10	Meters	12	-	32	-	44	
24			<u>\$ 8,555</u>	<u>\$ -</u>	<u>\$ 689</u>	<u>\$ (42)</u>	<u>\$ 9,202</u>	
25								
26		<b>GENERAL PLANT &amp; EQUIPMENT</b>						
27	480-00	Land in Fee Simple	\$ 1	\$ -	\$ -	\$ -	\$ 1	
28	482-10	Frame Buildings	673	-	20	-	693	
29	483-30	GP Office Equipment	26	-	-	(6)	20	
30	483-40	GP Furniture	1	-	-	-	1	
31	483-10	GP Computer Hardware	147	-	19	-	166	
32	483-20	GP Computer Software	22	-	-	(7)	15	
33	484-00	Vehicles	29	-	-	-	29	
34	486-00	Small Tools & Equipment	32	-	10	(6)	36	
35	488-10	Telephone	5	-	-	(5)	-	
36			<u>\$ 936</u>	<u>\$ -</u>	<u>\$ 49</u>	<u>\$ (24)</u>	<u>\$ 961</u>	
37								
38		<b>Total Plant in Service</b>	<u>\$ 16,671</u>	<u>\$ -</u>	<u>\$ 809</u>	<u>\$ (100)</u>	<u>\$ 17,380</u>	
39								
40		Cross Reference		Schedule 4, Line 20, Column 2	Schedule 4, Line 17, Column 2			

**PLANT IN SERVICE CONTINUITY SCHEDULE  
FOR THE YEAR ENDING DECEMBER 31, 2020  
(\$000s)**

Line No.	Account	Particulars	12/31/2019	CPCN's	Additions	Retirements	12/31/2020	Cross Reference
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1		<b>INTANGIBLE PLANT</b>						
2	461-01	Transmission Land Rights	\$ 78	\$ -	\$ -	\$ -	\$ 78	
3	471-01	Distribution Land Rights	20	-	-	-	20	
4	402-01	Application Software - 12.5%	376	-	23	(250)	149	
5	402-02	Application Software - 20%	63	-	23	-	86	
6			<u>\$ 537</u>	<u>\$ -</u>	<u>\$ 46</u>	<u>\$ (250)</u>	<u>\$ 333</u>	
7								
8		<b>TRANSMISSION PLANT</b>						
9	463-00	Measuring Structures	\$ 10	\$ -	\$ -	\$ -	\$ 10	
10	465-00	Mains	5,994	-	6	-	6,000	
11	467-10	Measuring & Regulating Equipment	670	-	-	-	670	
12	467-20	Telemetry	6	-	1	-	7	
13			<u>\$ 6,680</u>	<u>\$ -</u>	<u>\$ 7</u>	<u>\$ -</u>	<u>\$ 6,687</u>	
14								
15		<b>DISTRIBUTION PLANT</b>						
16	472-00	Structures & Improvements	\$ 273	\$ -	\$ -	\$ -	\$ 273	
17	473-00	Services	2,606	-	107	(7)	2,706	
18	474-00	House Regulators & Meter Installations	456	-	-	(1)	455	
19	474-02	Meters/Regulators Installations	181	-	18	-	199	
20	475-00	Mains	3,486	-	364	-	3,850	
21	477-10	Measuring & Regulating Equipment	1,916	-	94	-	2,010	
22	477-20	Telemetry	240	-	-	-	240	
23	478-10	Meters	44	-	-	-	44	
24			<u>\$ 9,202</u>	<u>\$ -</u>	<u>\$ 583</u>	<u>\$ (8)</u>	<u>\$ 9,777</u>	
25								
26		<b>GENERAL PLANT &amp; EQUIPMENT</b>						
27	480-00	Land in Fee Simple	\$ 1	\$ -	\$ -	\$ -	\$ 1	
28	482-10	Frame Buildings	693	-	20	-	713	
29	483-30	GP Office Equipment	20	-	-	-	20	
30	483-40	GP Furniture	1	-	-	-	1	
31	483-10	GP Computer Hardware	166	-	19	-	185	
32	483-20	GP Computer Software	15	-	-	(5)	10	
33	484-00	Vehicles	29	-	-	-	29	
34	486-00	Small Tools & Equipment	36	-	10	-	46	
35	488-10	Telephone	-	-	-	-	-	
36			<u>\$ 961</u>	<u>\$ -</u>	<u>\$ 49</u>	<u>\$ (5)</u>	<u>\$ 1,005</u>	
37								
38		<b>Total Plant in Service</b>	<u>\$ 17,380</u>	<u>\$ -</u>	<u>\$ 685</u>	<u>\$ (263)</u>	<u>\$ 17,802</u>	
39								
40		Cross Reference		Schedule 4, Line 20, Column 3	Schedule 4, Line 17, Column 3			

**ACCUMULATED DEPRECIATION CONTINUITY SCHEDULE  
FOR THE YEAR ENDING DECEMBER 31, 2019  
(\$000s)**

Line No.	Account	Particulars	Gross Plant for Depreciation	Depreciation Rate	12/31/2018	Depreciation Expense	Retirements	Cost of Removal	Adjustments	12/31/2019	Cross Reference
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1		<b>INTANGIBLE PLANT</b>									
2	461-01	Transmission Land Rights	\$ 78	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
3	471-01	Distribution Land Rights	20	0.00%	-	-	-	-	-	-	
4	402-01	Application Software - 12.5%	386	12.50%	283	48	(32)	-	-	299	
5	402-02	Application Software - 20%	43	20.00%	8	7	(2)	-	-	13	
6			<u>\$ 527</u>		<u>\$ 291</u>	<u>\$ 55</u>	<u>\$ (34)</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 312</u>	
7											
8		<b>TRANSMISSION PLANT</b>									
9	463-00	Measuring Structures	\$ 10	2.29%	\$ 2	\$ -	\$ -	\$ -	\$ -	\$ 2	
10	465-00	Mains	5,967	1.47%	593	88	-	-	-	681	
11	467-10	Measuring & Regulating Equipment	670	2.41%	295	16	-	-	-	311	
12	467-20	Telemetry	6	9.75%	7	1	-	-	-	8	
13			<u>\$ 6,653</u>		<u>\$ 897</u>	<u>\$ 105</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 1,002</u>	
14											
15		<b>DISTRIBUTION PLANT</b>									
16	472-00	Structures & Improvements	\$ 273	2.41%	\$ 126	\$ 7	\$ -	\$ -	\$ -	\$ 133	
17	473-00	Services	2,527	2.45%	993	62	(6)	-	-	1,049	
18	474-00	House Regulators & Meter Installations	492	5.99%	405	29	(36)	-	-	398	
19	474-02	Meters/Regulators Installations	152	4.55%	25	7	-	-	-	32	
20	475-00	Mains	3,140	1.54%	705	48	-	-	-	753	
21	477-10	Measuring & Regulating Equipment	1,719	3.05%	697	52	-	-	-	749	
22	477-20	Telemetry	240	2.82%	21	7	-	-	-	28	
23	478-10	Meters	12	7.09%	16	1	-	-	-	17	
24			<u>\$ 8,555</u>		<u>\$ 2,988</u>	<u>\$ 213</u>	<u>\$ (42)</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 3,159</u>	
25											
26		<b>GENERAL PLANT &amp; EQUIPMENT</b>									
27	480-00	Land in Fee Simple	\$ 1	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
28	482-10	Frame Buildings	673	6.04%	215	41	-	-	-	256	
29	483-30	GP Office Equipment	26	6.67%	5	2	(6)	-	-	1	
30	483-40	GP Furniture	1	5.00%	1	-	-	-	-	1	
31	483-10	GP Computer Hardware	147	20.00%	64	29	-	-	-	93	
32	483-20	GP Computer Software	22	12.50%	17	3	(7)	-	-	13	
33	484-00	Vehicles	29	10.55%	13	3	-	-	-	16	
34	486-00	Small Tools & Equipment	32	5.00%	9	2	(6)	-	-	5	
35	488-10	Telephone	5	6.67%	4	1	(5)	-	-	-	
36			<u>\$ 936</u>		<u>\$ 328</u>	<u>\$ 81</u>	<u>\$ (24)</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 385</u>	
37											
38		<b>Total</b>	<u>\$ 16,671</u>		<u>\$ 4,504</u>	<u>\$ 454</u>	<u>\$ (100)</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 4,858</u>	
39											
40		Cross Reference									Schedule 5, Line 38, Column 3+4







**NET SALVAGE CONTINUITY SCHEDULE  
FOR THE YEAR ENDING DECEMBER 31, 2019  
(\$000s)**

Line No.	Account	Particulars	Gross Plant for Depreciation	Salvage Rate	12/31/2018	Net Salvage Provision	Retirement Costs / Proceeds on Disp.	12/31/2019	Cross Reference
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1		<b>TRANSMISSION PLANT</b>							
2	463-00	Measuring Structures	\$ 10	0.57%	\$ -	\$ -	\$ -	\$ -	
3	465-00	Mains	5,967	0.37%	54	22	-	76	
4	467-10	Measuring & Regulating Equipment	670	0.22%	6	1	-	7	
5			<u>\$ 6,647</u>		<u>\$ 60</u>	<u>\$ 23</u>	<u>\$ -</u>	<u>\$ 83</u>	
6									
7		<b>DISTRIBUTION PLANT</b>							
8	472-00	Structures & Improvements	\$ 273	0.32%	\$ 3	\$ 1	\$ -	\$ 4	
9	473-00	Services	2,527	1.61%	74	42	-	116	
10	474-00	House Regulators & Meter Installations	492	1.77%	24	9	(11)	22	
11	474-02	Meters/Regulators Installations	152	0.00%	1	-	-	1	
12	475-00	Mains	3,140	0.43%	(35)	15	-	(20)	
13	477-10	Measuring & Regulating Equipment	1,719	0.46%	34	8	-	42	
14	477-20	Telemetry	240	0.42%	2	2	-	4	
15	478-10	Meters	12	-0.26%	-	-	-	-	
16			<u>\$ 8,555</u>		<u>\$ 103</u>	<u>\$ 77</u>	<u>\$ (11)</u>	<u>\$ 169</u>	
17									
18		<b>GENERAL PLANT &amp; EQUIPMENT</b>							
19	482-20	Masonry Buildings	\$ -	0.25%	\$ (4)	\$ -	\$ -	\$ (4)	
20	484-00	Vehicles	-	-1.00%	-	-	-	-	
21									
22									
23		<b>Total</b>	<u>\$ 15,202</u>		<u>\$ 159</u>	<u>\$ 100</u>	<u>\$ (11)</u>	<u>\$ 248</u>	
24									
25		Cross Reference	Schedule 5,						
			Column 3+4						

**NET SALVAGE CONTINUITY SCHEDULE  
FOR THE YEAR ENDING DECEMBER 31, 2020  
(\$000s)**

Line No.	Account	Particulars	Gross Plant for Depreciation	Salvage Rate	12/31/2019	Net Salvage Provision	Retirement Costs / Proceeds on Disp.	12/31/2020	Cross Reference
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1		<b>TRANSMISSION PLANT</b>							
2	463-00	Measuring Structures	\$ 10	0.57%	\$ -	\$ -	\$ -	\$ -	
3	465-00	Mains	5,994	0.37%	76	22	-	98	
4	467-10	Measuring & Regulating Equipment	670	0.22%	7	3	-	10	
5			<u>\$ 6,674</u>		<u>\$ 83</u>	<u>\$ 25</u>	<u>\$ -</u>	<u>\$ 108</u>	
6									
7		<b>DISTRIBUTION PLANT</b>							
8	472-00	Structures & Improvements	\$ 273	0.32%	\$ 4	\$ -	\$ -	\$ 4	
9	473-00	Services	2,606	1.61%	116	42	-	158	
10	474-00	House Regulators & Meter Installations	456	1.77%	22	8	(11)	19	
11	474-02	Meters/Regulators Installations	181	0.00%	1	-	-	1	
12	475-00	Mains	3,486	0.43%	(20)	14	-	(6)	
13	477-10	Measuring & Regulating Equipment	1,916	0.46%	42	9	-	51	
14	477-20	Telemetry	240	0.42%	4	1	-	5	
15	478-10	Meters	44	-0.26%	-	-	-	-	
16			<u>\$ 9,202</u>		<u>\$ 169</u>	<u>\$ 74</u>	<u>\$ (11)</u>	<u>\$ 232</u>	
17									
18		<b>GENERAL PLANT &amp; EQUIPMENT</b>							
19	482-20	Masonry Buildings	\$ -	0.25%	\$ (4)	\$ -	\$ -	\$ (4)	
20	484-00	Vehicles	-	-1.00%	-	-	-	-	
21									
22									
23		<b>Total</b>	<u>\$ 15,876</u>		<u>\$ 248</u>	<u>\$ 99</u>	<u>\$ (11)</u>	<u>\$ 336</u>	
24									
25		Cross Reference							Schedule 6, Column 3+4



**UNAMORTIZED DEFERRED CHARGES AND AMORTIZATION - RATE BASE  
FOR THE YEAR ENDING DECEMBER 31, 2019  
(\$000s)**

Line No.	Particulars (1)	12/31/2018 (2)	Opening Bal./ Transfer/Adj. (3)	Gross Additions (4)	Less Taxes (5)	Amortization Expense (6)	Rider (7)	Tax on Rider (8)	12/31/2019 (9)	Mid-Year Average (10)	Cross Reference (11)
1	<u>Forecasting Variance Accounts</u>										
2	Revenue Stabilization Adjustment Mechanism (RSAM)	\$ 142	\$ -	\$ -	\$ -	\$ -	\$ (97)	\$ 26	\$ 71	\$ 107	
3	Interest on RSAM	5	-	-	-	-	(4)	1	2	4	
4	Gas Cost Reconciliation Account	(43)	-	59	(16)	-	-	-	-	(22)	
5	Property Tax Variance	(49)	-	-	-	17	-	-	(32)	(41)	
6	Interest Variance	1	-	-	-	(1)	-	-	-	1	
7	Customer Service Variance Account	(3)	-	-	-	3	-	-	-	(2)	
8		<u>\$ 53</u>	<u>\$ -</u>	<u>\$ 59</u>	<u>\$ (16)</u>	<u>\$ 19</u>	<u>\$ (101)</u>	<u>\$ 27</u>	<u>\$ 41</u>	<u>\$ 47</u>	
9											
10	<u>Benefits Matching Accounts</u>										
11	Energy Efficiency & Conservation (EEC)	\$ 109	\$ -	\$ 86	\$ (23)	\$ (12)	\$ -	\$ -	\$ 160	\$ 135	
12	2019-2020 Revenue Requirement Application	44	-	10	(3)	(22)	-	-	29	37	
13	2017-2018 Revenue Requirement Application	(27)	-	-	-	27	-	-	-	(14)	
14	2017 Rate Design Application	20	-	-	-	(4)	-	-	16	18	
15	2016 Cost of Capital Application	1	-	-	-	(1)	-	-	-	1	
16	Gains and Losses on Asset Disposition	68	-	-	-	(11)	-	-	57	63	
17	Net Salvage Provision/Cost	(159)	-	11	-	(100)	-	-	(248)	(204)	
18	Billing system costs for FEFN Rate changes	51	-	-	-	(10)	-	-	41	46	
19		<u>\$ 107</u>	<u>\$ -</u>	<u>\$ 107</u>	<u>\$ (26)</u>	<u>\$ (133)</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 55</u>	<u>\$ 82</u>	
20											
21											
22	<b>Total Deferred Charges for Rate Base</b>	<u>\$ 160</u>	<u>\$ -</u>	<u>\$ 166</u>	<u>\$ (42)</u>	<u>\$ (114)</u>	<u>\$ (101)</u>	<u>\$ 27</u>	<u>\$ 96</u>	<u>\$ 129</u>	

**UNAMORTIZED DEFERRED CHARGES AND AMORTIZATION - RATE BASE  
FOR THE YEAR ENDING DECEMBER 31, 2020  
(\$000s)**

Line No.	Particulars (1)	12/31/2019 (2)	Opening Bal./ Transfer/Adj. (3)	Gross Additions (4)	Less Taxes (5)	Amortization Expense (6)	Rider (7)	Tax on Rider (8)	12/31/2020 (9)	Mid-Year Average (10)	Cross Reference (11)
1	<u>Forecasting Variance Accounts</u>										
2	Revenue Stabilization Adjustment Mechanism (RSAM)	\$ 71	\$ -	\$ -	\$ -	\$ -	\$ (97)	\$ 26	\$ -	\$ 36	
3	Interest on RSAM	2	-	-	-	-	(3)	1	-	1	
4	Gas Cost Reconciliation Account	-	-	-	-	-	-	-	-	-	
5	Property Tax Variance	(32)	-	-	-	16	-	-	(16)	(24)	
6	Interest Variance	-	-	-	-	-	-	-	-	-	
7	Customer Service Variance Account	-	-	-	-	-	-	-	-	-	
8		<u>\$ 41</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 16</u>	<u>\$ (100)</u>	<u>\$ 27</u>	<u>\$ (16)</u>	<u>\$ 13</u>	
9											
10	<u>Benefits Matching Accounts</u>										
11	Energy Efficiency & Conservation (EEC)	\$ 160	\$ -	\$ 86	\$ (23)	\$ (19)	\$ -	\$ -	\$ 204	\$ 182	
12	2019-2020 Revenue Requirement Application	29	-	-	-	(29)	-	-	-	15	
13	2017-2018 Revenue Requirement Application	-	-	-	-	-	-	-	-	-	
14	2017 Rate Design Application	16	-	-	-	(4)	-	-	12	14	
15	2016 Cost of Capital Application	-	-	-	-	-	-	-	-	-	
16	Gains and Losses on Asset Disposition	57	-	-	-	(11)	-	-	46	52	
17	Net Salvage Provision/Cost	(248)	-	11	-	(99)	-	-	(336)	(292)	
18	Billing system costs for FEFN Rate changes	41	-	-	-	(10)	-	-	31	36	
19		<u>\$ 55</u>	<u>\$ -</u>	<u>\$ 97</u>	<u>\$ (23)</u>	<u>\$ (172)</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ (43)</u>	<u>\$ 7</u>	
20											
21											
22	<b>Total Deferred Charges for Rate Base</b>	<u>\$ 96</u>	<u>\$ -</u>	<u>\$ 97</u>	<u>\$ (23)</u>	<u>\$ (156)</u>	<u>\$ (100)</u>	<u>\$ 27</u>	<u>\$ (59)</u>	<u>\$ 20</u>	

**UNAMORTIZED DEFERRED CHARGES AND AMORTIZATION - NON-RATE BASE  
FOR THE YEAR ENDING DECEMBER 31, 2019  
(\$000s)**

Line No.	Particulars (1)	12/31/2018 (2)	Opening Bal./ Transfer/Adj. (3)	Gross Additions (4)	Less Taxes (5)	Amortization Expense (6)	Rider (7)	Tax on Rider (8)	12/31/2019 (9)	Mid-Year Average (10)	Cross Reference (11)
1	<u>Other Accounts</u>										
2	FN Right-of-Way Agreement	131	-	7	-	-	-	-	138	135	
3											
4											
5	<b>Total Deferred Charges for Non Rate Base</b>	<b>\$ 131</b>	<b>\$ -</b>	<b>\$ 7</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 138</b>	<b>\$ 135</b>	

**UNAMORTIZED DEFERRED CHARGES AND AMORTIZATION - NON-RATE BASE  
FOR THE YEAR ENDING DECEMBER 31, 2020  
(\$000s)**

Line No.	Particulars (1)	12/31/2019 (2)	Opening Bal./ Transfer/Adj. (3)	Gross Additions (4)	Less Taxes (5)	Amortization Expense (6)	Rider (7)	Tax on Rider (8)	12/31/2020 (9)	Mid-Year Average (10)	Cross Reference (11)
1	<u>Other Accounts</u>										
2	FN Right-of-Way Agreement	138	-	8	-	-	-	-	146	142	
3											
4											
5	<b>Total Deferred Charges for Non Rate Base</b>	<b>\$ 138</b>	<b>\$ -</b>	<b>\$ 8</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 146</b>	<b>\$ 142</b>	

**WORKING CAPITAL ALLOWANCE  
FOR THE YEAR ENDING DECEMBER 31, 2019  
(\$000s)**

Line No.	Particulars (1)	2018 Approved (2)	2019 Forecast (3)	Change (4)	Cross Reference (5)
1	<b>Cash Working Capital</b>				
2	Cash Working Capital	\$ 71	\$ 72	\$ 1	Schedule 19, Line 26, Column 5
3					
4	Less: Funds Available				
5	Reserve for bad debts	(12)	(16)	(4)	
6	Employee Withholdings	(25)	(13)	12	
7					
8	<b>Other Working Capital Items</b>				
9	Inventory - Materials and Supplied	14	27	13	
10					
11	<b>Total</b>	<b>\$ 48</b>	<b>\$ 70</b>	<b>\$ 22</b>	

**WORKING CAPITAL ALLOWANCE  
FOR THE YEAR ENDING DECEMBER 31, 2020  
(\$000s)**

Line No.	Particulars	2019 Forecast	2020 Forecast	Change	Cross Reference
	(1)	(2)	(3)	(4)	(5)
1	<b>Cash Working Capital</b>				
2	Cash Working Capital	\$ 72	\$ 74	\$ 2	Schedule 20, Line 26, Column 5
3					
4	Less: Funds Available				
5	Reserve for bad debts	(16)	(16)	-	
6	Employee Withholdings	(13)	(13)	-	
7					
8	<b>Other Working Capital Items</b>				
9	Inventory - Materials and Supplied	27	27	-	
10					
11	<b>Total</b>	<b>\$ 70</b>	<b>\$ 72</b>	<b>\$ 2</b>	

**CASH WORKING CAPITAL  
FOR THE YEAR ENDING DECEMBER 31, 2019  
(\$000s)**

Line No.	Particulars (1)	2019 at Revised Rates (2)	Lag (Lead) Days (3)	Extended (4)	Weighted Average Lag (Lead) Days (5)	Cross Reference (6)
1	<b>REVENUE</b>					
2	<b>Sales Revenue</b>					
3	Residential & Commercial Tariff Revenue	\$ 2,984	38.5	\$ 114,787		
4	Industrial Tariff Revenue	163	45.2	7,368		
5						
6	<b>Other Revenue</b>					
7	Late Payment Charges	13	38.3	498		
8	Connection Charges	5	38.3	192		
9						
10	Total	<u>\$ 3,165</u>		<u>\$ 122,845</u>	38.8	
11						
12	<b>EXPENSES</b>					
13	Energy Purchases	\$ 732	(40.2)	\$ (29,426)		
14	Operating and Maintenance	892	(25.5)	(22,746)		
15	Property Taxes	121	(2.0)	(242)		
16	Carbon Tax	924	(29.1)	(26,888)		
17	GST	27	(38.8)	(1,048)		
18	PST	17	(37.1)	(631)		
19	Income Tax	95	(15.2)	(1,444)		
20						
21	Total	<u>\$ 2,808</u>		<u>\$ (82,425)</u>	(29.4)	
22						
23	Net Lag (Lead) Days				9.4	
24	Total Expenses				\$ 2,808	
25						
26	Cash Working Capital				<u>\$ 72</u>	

**CASH WORKING CAPITAL  
FOR THE YEAR ENDING DECEMBER 31, 2020  
(\$000s)**

Line No.	Particulars (1)	2020 at Revised Rates (2)	Lag (Lead) Days (3)	Extended (4)	Weighted Average Lag (Lead) Days (5)	Cross Reference (6)
1	<b>REVENUE</b>					
2	<b>Sales Revenue</b>					
3	Residential & Commercial Tariff Revenue	\$ 3,026	38.5	\$ 116,423		
4	Industrial Tariff Revenue	176	45.2	7,955		
5						
6	<b>Other Revenue</b>					
7	Late Payment Charges	12	38.3	460		
8	Connection Charges	5	38.3	192		
9						
10	Total	<u>\$ 3,219</u>		<u>\$ 125,030</u>	38.8	
11						
12	<b>EXPENSES</b>					
13	Energy Purchases	\$ 692	(40.2)	\$ (27,818)		
14	Operating and Maintenance	893	(25.5)	(22,772)		
15	Property Taxes	128	(2.0)	(256)		
16	Carbon Tax	875	(29.1)	(25,463)		
17	GST	28	(38.8)	(1,086)		
18	PST	17	(37.1)	(631)		
19	Income Tax	118	(15.2)	(1,794)		
20						
21	Total	<u>\$ 2,751</u>		<u>\$ (79,820)</u>	(29.0)	
22						
23	Net Lag (Lead) Days				9.8	
24	Total Expenses				\$ 2,751	
25						
26	Cash Working Capital				<u>\$ 74</u>	



**UTILITY INCOME AND EARNED RETURN  
FOR THE YEAR ENDING DECEMBER 31, 2019  
(\$000s)**

Line No.	Particulars (1)	2018	2019 FORECAST		Change (6)	Cross Reference (7)	
		Approved (2)	at Existing Rates * (3)	Revised Revenue (4)			at Revised Rates (5)
1	<b>ENERGY VOLUMES</b>						
2	Sales Volume (TJ)	520	465		465	(55)	
3	Transportation Volume (TJ)	40	41		41	2	
4		<u>560</u>	<u>506</u>	<u>-</u>	<u>506</u>	<u>(54)</u>	Schedule 23, Line 9, Column 3
5							
6	<b>REVENUE AT EXISTING RATES *</b>						
7	Sales	\$ 2,716	\$ 2,889	\$ -	\$ 2,889	\$ 173	
8	Deficiency (Surplus)	273		95	95	(178)	
9	Transportation	153	156	-	156	3	
10	Deficiency (Surplus)	20		7	7	(13)	
11	Total	<u>3,162</u>	<u>3,045</u>	<u>102</u>	<u>3,147</u>	<u>(15)</u>	Schedule 27, Line 15, Column 8
12							
13	<b>COST OF ENERGY *</b>	673	732	-	732	59	Schedule 25, Line 9, Column 3
14							
15	<b>MARGIN *</b>	<u>2,489</u>	<u>2,313</u>	<u>102</u>	<u>2,415</u>	<u>(74)</u>	
16							
17	<b>EXPENSES</b>						
18	O&M Expense (net)	913	892	-	892	(21)	Schedule 29, Line 21, Column 5
19	Depreciation & Amortization	514	539	-	539	25	Schedule 31, Line 9, Column 3
20	Property Taxes	139	121	-	121	(18)	Schedule 33, Line 4, Column 3
21	Deferred 2017/2018 Revenue Deficiency	146	-	-	-	(146)	
22	Other Revenue	(26)	(18)	-	(18)	8	Schedule 35, Line 4, Column 3
23	Utility Income Before Income Taxes	<u>803</u>	<u>779</u>	<u>102</u>	<u>881</u>	<u>78</u>	
24							
25	Income Taxes	75	68	27	95	20	Schedule 37, Line 13, Column 3
26							
27	<b>EARNED RETURN</b>	<u>\$ 728</u>	<u>\$ 711</u>	<u>\$ 75</u>	<u>\$ 786</u>	<u>\$ 58</u>	Schedule 41, Line 5, Column 7
28							
29	<b>UTILITY RATE BASE</b>	\$ 11,228	\$ 12,107		\$ 12,108	\$ 880	Schedule 2, Line 23, Column 3
30	<b>RATE OF RETURN ON UTILITY RATE BASE</b>	<u>6.48%</u>	<u>5.87%</u>		<u>6.49%</u>	<u>0.01%</u>	Schedule 41, Line 5, Column 6

\* Existing rates are based on Fort Nelson rate design approved in Commission Order G-135-18 FEI 2016 Rate Design Application (RDA) on July 20, 2018.

**UTILITY INCOME AND EARNED RETURN  
FOR THE YEAR ENDING DECEMBER 31, 2020  
(\$000s)**

Line No.	Particulars (1)	2019	2020 FORECAST		Change (6)	Cross Reference (7)
		Forecast (2)	at Existing Rates * (3)	Revised Revenue (4)		
1	<b>ENERGY VOLUMES</b>					
2	Sales Volume (TJ)	465	440		440	(25)
3	Transportation Volume (TJ)	41	41		41	-
4		<u>506</u>	<u>482</u>	<u>-</u>	<u>482</u>	<u>(25)</u>
5						Schedule 24, Line 9, Column 3
6	<b>REVENUE AT EXISTING RATES *</b>					
7	Sales	\$ 2,889	\$ 2,764	\$ -	\$ 2,764	\$ (125)
8	Deficiency (Surplus)	95		262	262	167
9	Transportation	156	156	-	156	-
10	Deficiency (Surplus)	7		20	20	13
11	Total	<u>3,147</u>	<u>2,920</u>	<u>282</u>	<u>3,202</u>	<u>55</u>
12						Schedule 28, Line 15, Column 8
13	<b>COST OF ENERGY *</b>	732	692	-	692	(40)
14						Schedule 26, Line 9, Column 3
15	<b>MARGIN *</b>	<u>2,415</u>	<u>2,228</u>	<u>282</u>	<u>2,510</u>	<u>95</u>
16						
17	<b>EXPENSES</b>					
18	O&M Expense (net)	892	893	-	893	1
19	Depreciation & Amortization	539	591	-	591	52
20	Property Taxes	121	128	-	128	7
21	Deferred 2017/2018 Revenue Deficiency	-	-	-	-	-
22	Other Revenue	(18)	(17)	-	(17)	1
23	Utility Income Before Income Taxes	<u>881</u>	<u>633</u>	<u>282</u>	<u>915</u>	<u>34</u>
24						
25	Income Taxes	95	42	76	118	23
26						Schedule 38, Line 13, Column 3
27	<b>EARNED RETURN</b>	<u>\$ 786</u>	<u>\$ 591</u>	<u>\$ 206</u>	<u>\$ 797</u>	<u>\$ 11</u>
28						Schedule 42, Line 5, Column 7
29	<b>UTILITY RATE BASE</b>	\$ 12,108	\$ 12,313		\$ 12,318	\$ 210
30	<b>RATE OF RETURN ON UTILITY RATE BASE</b>	<u>6.49%</u>	<u>4.80%</u>		<u>6.47%</u>	<u>-0.02%</u>
31						Schedule 3, Line 23, Column 3
32						Schedule 42, Line 5, Column 6

\* Existing rates are based on Fort Nelson rate design approved in Commission Order G-135-18 FEI 2016 Rate Design Application (RDA) on July 20, 2018.

**VOLUME AND REVENUE  
FOR THE YEAR ENDING DECEMBER 31, 2019  
(\$000s)**

Line No.	Particulars	2018 Approved	2019 Forecast	Change	Cross Reference
	(1)	(2)	(3)	(4)	(5)
1	<b>ENERGY VOLUME SOLD (TJ)</b>				
2	Residential				
3	Rate Schedule 1	259.9	243.9	(16.0)	
4	Commercial				
5	Rate Schedule 2	203.7	160.1	(43.6)	
6	Rate Schedule 3	56.7	61.0	4.3	
7	Industrial				
8	Rate Schedule 25	39.5	41.3	1.8	
9	Total	559.8	506.3	(53.5)	
10					
11	<b>REVENUE AT EXISTING RATES *</b>				
12	Residential				
13	Rate Schedule 1	\$ 1,423	\$ 1,504	\$ 81	
14	Commercial				
15	Rate Schedule 2	1,266	1,060	(206)	
16	Rate Schedule 3	300	325	25	
17	Industrial				
18	Rate Schedule 25	173	156	(17)	
19	Total	\$ 3,162	\$ 3,045	\$ (117)	
20					

21 \* Existing rates are based on Fort Nelson rate design approved in Commission Order G-135-18 FEI 2016 RDA on July 20, 2018.

**VOLUME AND REVENUE  
FOR THE YEAR ENDING DECEMBER 31, 2020  
(\$000s)**

Line No.	Particulars	2019 Forecast	2020 Forecast	Change	Cross Reference
	(1)	(2)	(3)	(4)	(5)
1	<b>ENERGY VOLUME SOLD (TJ)</b>				
2	Residential				
3	Rate Schedule 1	243.9	236.9	(7.0)	
4	Commercial				
5	Rate Schedule 2	160.1	150.4	(9.7)	
6	Rate Schedule 3	61.0	53.1	(7.9)	
7	Industrial				
8	Rate Schedule 25	41.3	41.3	-	
9	Total	<u>506.3</u>	<u>481.7</u>	<u>(24.6)</u>	
10					
11	<b>REVENUE AT EXISTING RATES *</b>				
12	Residential				
13	Rate Schedule 1	\$ 1,504	\$ 1,465	\$ (39)	
14	Commercial				
15	Rate Schedule 2	1,060	1,012	(48)	
16	Rate Schedule 3	325	287	(38)	
17	Industrial				
18	Rate Schedule 25	156	156	-	
19	Total	<u>\$ 3,045</u>	<u>\$ 2,920</u>	<u>\$ (125)</u>	
20					

21 \* Existing rates are based on Fort Nelson rate design approved in Commission Order G-135-18 FEI 2016 RDA on July 20, 2018.

**COST OF ENERGY  
FOR THE YEAR ENDING DECEMBER 31, 2019  
(\$000s)**

Line No.	Particulars	2018 Approved	2019 Forecast	Change	Cross Reference
	(1)	(2)	(3)	(4)	(5)
1	<b>COST OF GAS</b>				
2	Residential				
3	Rate Schedule 1	\$ 336	\$ 384	\$ 48	
4	Commercial				
5	Rate Schedule 2	264	252	(12)	
6	Rate Schedule 3	73	96	23	
7	Industrial				
8	Rate Schedule 25	-	-	-	
9	Total	\$ 673	\$ 732	\$ 59	

**COST OF ENERGY  
FOR THE YEAR ENDING DECEMBER 31, 2020  
(\$000s)**

Line No.	Particulars (1)	2019 Forecast (2)	2020 Forecast (3)	Change (4)	Cross Reference (5)
1	<b>COST OF GAS</b>				
2	Residential				
3	Rate Schedule 1	\$ 384	\$ 372	\$ (12)	
4	Commercial				
5	Rate Schedule 2	252	236	(16)	
6	Rate Schedule 3	96	84	(12)	
7	Industrial				
8	Rate Schedule 25	-	-	-	
9	Total	<u>\$ 732</u>	<u>\$ 692</u>	<u>\$ (40)</u>	

**MARGIN AND REVENUE AT EXISTING AND REVISED RATES  
FOR THE YEAR ENDING DECEMBER 31, 2019  
(\$000s)**

Line No.	Particulars (1)	2018 Approved Margin (2)	2019 FORECAST			2019 FORECAST			Average Number of Customers (9)	Terajoules (10)	Cross Reference (11)
			Margin at Existing Rates * (3)	Effective Increase (4)	Margin at Revised Rates (5)	Revenue at Existing Rates * (6)	Effective Increase (7)	Revenue at Revised Rates (8)			
1	<b>NON - BYPASS</b>										
2	Residential										
3	Rate Schedule 1	\$ 1,087	\$ 1,120	\$ 49	\$ 1,169	\$ 1,504	\$ 49	\$ 1,553	1,945	243.9	
4	Commercial										
5	Rate Schedule 2	1,002	808	36	844	1,060	36	1,096	458	160.1	
6	Rate Schedule 3	227	229	10	239	325	10	335	19	61.0	
7	Industrial										
8	Rate Schedule 25	173	156	7	163	156	7	163	1	41.3	
9	Total Non-Bypass	<u>\$ 2,489</u>	<u>\$ 2,313</u>	<u>\$ 102</u>	<u>\$ 2,415</u>	<u>\$ 3,045</u>	<u>\$ 102</u>	<u>\$ 3,147</u>	<u>2,423</u>	<u>506.3</u>	
10											
11											
12	Total Bypass & Special	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>-</u>	<u>-</u>	
13											
14											
15	Total	<u>\$ 2,489</u>	<u>\$ 2,313</u>	<u>\$ 102</u>	<u>\$ 2,415</u>	<u>\$ 3,045</u>	<u>\$ 102</u>	<u>\$ 3,147</u>	<u>2,423</u>	<u>506.3</u>	
16											
17	<b>Effective Increase</b>			<u>4.41%</u>			<u>3.35%</u>				
18											
19	* Existing rates are based on Fort Nelson rate design approved in Commission Order G-135-18 FEI 2016 Rate Design Application (RDA) on July 20, 2018.										

**MARGIN AND REVENUE AT EXISTING AND REVISED RATES  
FOR THE YEAR ENDING DECEMBER 31, 2020  
(\$000s)**

Line No.	Particulars (1)	2019 FORECAST Margin (2)	2020 FORECAST			2020 FORECAST			Average Number of Customers (9)	Terajoules (10)	Cross Reference (11)
			Margin at Existing Rates *	Effective Increase	Margin at Revised Rates	Revenue at Existing Rates *	Effective Increase	Revenue at Revised Rates			
		(3)	(4)	(5)	(6)	(7)	(8)				
1	<b>NON - BYPASS</b>										
2	Residential										
3	Rate Schedule 1	\$ 1,169	\$ 1,093	\$ 138	\$ 1,231	\$ 1,465	\$ 138	\$ 1,603	1,923	236.9	
4	Commercial										
5	Rate Schedule 2	844	776	98	874	1,012	98	1,110	466	150.4	
6	Rate Schedule 3	239	203	26	229	287	26	313	19	53.1	
7	Industrial										
8	Rate Schedule 25	163	156	20	176	156	20	176	1	41.3	
9	Total Non-Bypass	<u>\$ 2,415</u>	<u>\$ 2,228</u>	<u>\$ 282</u>	<u>\$ 2,510</u>	<u>\$ 2,920</u>	<u>\$ 282</u>	<u>\$ 3,202</u>	<u>2,409</u>	<u>481.7</u>	
10											
11											
12	Total Bypass & Special	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>-</u>	<u>-</u>	
13											
14											
15	Total	<u>\$ 2,415</u>	<u>\$ 2,228</u>	<u>\$ 282</u>	<u>\$ 2,510</u>	<u>\$ 2,920</u>	<u>\$ 282</u>	<u>\$ 3,202</u>	<u>2,409</u>	<u>481.7</u>	
16											
17	<b>Effective Increase</b>			<u>12.66%</u>			<u>9.66%</u>				
18											
19	* Existing rates are based on Fort Nelson rate design approved in Commission Order G-135-18 FEI 2016 Rate Design Application (RDA) on July 20, 2018.										



**OPERATING AND MAINTENANCE EXPENSE - RESOURCE VIEW  
FOR THE YEARS ENDING DECEMBER 31, 2019 and 2020  
(\$000s)**

Line No.	Particulars	2017 Actual	2018 Approved	2018 Forecast	2019 Forecast	2020 Forecast	Cross Reference
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	M&E Costs	\$ 25	\$ 19	\$ 18	\$ 19	\$ 19	
2	IBEW Costs	132	338	364	327	331	
3							
4	<b>Labour Costs</b>	<b>157</b>	<b>357</b>	<b>382</b>	<b>346</b>	<b>350</b>	
5							
6	Vehicle Costs	22	45	43	44	45	
7	Employee Expenses	13	30	20	20	20	
8	Materials and Supplies	8	8	8	8	8	
9	Fees and Administration Costs	495	536	508	540	535	
10	Contractor Costs	20	21	21	21	22	
11	Facilities	32	42	34	36	37	
12	Recoveries & Revenue	(2)	(2)	(2)	(2)	(2)	
13							
14	<b>Non-Labour Costs</b>	<b>588</b>	<b>680</b>	<b>632</b>	<b>667</b>	<b>665</b>	
15							
16							
17	<b>Total Gross O&amp;M Expenses</b>	<b>745</b>	<b>1,037</b>	<b>1,014</b>	<b>1,013</b>	<b>1,015</b>	
18							
19	Less: Capitalized Overhead	(122)	(124)	(124)	(121)	(122)	
20							
21	<b>Total O&amp;M Expenses</b>	<b>\$ 623</b>	<b>\$ 913</b>	<b>\$ 890</b>	<b>\$ 892</b>	<b>\$ 893</b>	

Schedule 21, Line 18, Column 5  
Schedule 22, Line 18, Column 5

**OPERATING AND MAINTENANCE EXPENSE - ACTIVITY VIEW  
FOR THE YEAR ENDING DECEMBER 31, 2019 and 2020  
(\$000s)**

Line No.	Particulars	Account	2017 Actual	2018 Approved	2018 Forecast	2019 Forecast	2020 Forecast	Cross Reference
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Distribution Supervision	110-11	\$ 71	\$ 111	\$ 117	\$ 111	\$ 110	
2	Distribution Supervision Total	110-10	71	111	117	111	110	
3								
4	Operation Centre - Distribution	110-21	39	99	103	98	98	
5	Preventative Maintenance - Distribution	110-22	14	24	25	24	24	
6	Operations - Distribution	110-23	35	80	66	63	63	
7	Emergency Management - Distribution	110-24	28	55	57	54	54	
8	Field Training - Distribution	110-25	14	33	34	32	32	
9	Meter Exchange - Distribution	110-26	15	24	25	24	24	
10	Distribution Operations Total	110-20	145	315	310	295	295	
11								
12	Corrective - Distribution	110-31	28	61	64	61	61	
13	Distribution Maintenance Total	110-30	28	61	64	61	61	
14								
15	Account Services - Distribution	110-41	7	11	12	11	11	
16	Bad Debt Management - Distribution	110-42	3	7	7	7	7	
17	Distribution Meter to Cash Total	110-40	10	18	19	18	18	
18								
19	<b>Distribution Total</b>	<b>110</b>	<b>254</b>	<b>505</b>	<b>510</b>	<b>485</b>	<b>484</b>	
20								
21	<b>Operations Total</b>	<b>100</b>	<b>254</b>	<b>505</b>	<b>510</b>	<b>485</b>	<b>484</b>	
22								
23	Administration & General	540-11	-	-	-	-	-	
24	Shared Services Agreement	540-12	491	532	504	528	531	
25	Retiree Benefits	540-16	-	-	-	-	-	
26	Corporate Total	540-10	491	532	504	528	531	
27								
28	<b>Corporate Total</b>	<b>540</b>	<b>491</b>	<b>532</b>	<b>504</b>	<b>528</b>	<b>531</b>	
29								
30	<b>Corporate Services Total</b>	<b>500</b>	<b>491</b>	<b>532</b>	<b>504</b>	<b>528</b>	<b>531</b>	
31								
32	<b>Total Gross O&amp;M Expenses</b>		<b>745</b>	<b>1,037</b>	<b>1,014</b>	<b>1,013</b>	<b>1,015</b>	
33								
34	Less: Capitalized Overhead		(122)	(124)	(124)	(121)	(122)	
35								
36	<b>Total O&amp;M Expenses</b>		<b>\$ 623</b>	<b>\$ 913</b>	<b>\$ 890</b>	<b>\$ 892</b>	<b>\$ 893</b>	

Schedule 21, Line 18, Column 5  
Schedule 22, Line 18, Column 5

**DEPRECIATION AND AMORTIZATION EXPENSE  
FOR THE YEAR ENDING DECEMBER 31, 2019  
(\$000s)**

Line No.	Particulars (1)	2018 Approved (2)	2019 Forecast (3)	Change (4)	Cross Reference (5)
1	<b>Depreciation</b>				
2	Depreciation Expense	\$ 416	\$ 454	\$ 38	Schedule 7, Line 38, Column 6
3					
4	<b>Amortization</b>				
5	Rate Base deferrals	\$ 126	\$ 114	\$ (12)	Schedule 13, Line 22, Column 6
6	CIAC	(28)	(29)	(1)	Schedule 9, Line 9, Column 5
7		<u>98</u>	<u>85</u>	<u>(13)</u>	
8					
9	Total	<u>\$ 514</u>	<u>\$ 539</u>	<u>\$ 25</u>	

**DEPRECIATION AND AMORTIZATION EXPENSE  
FOR THE YEAR ENDING DECEMBER 31, 2020  
(\$000s)**

Line No.	Particulars (1)	2019 Forecast (2)	2020 Forecast (3)	Change (4)	Cross Reference (5)
1	<b>Depreciation</b>				
2	Depreciation Expense	\$ 454	\$ 463	\$ 9	Schedule 8, Line 38, Column 6
3					
4	<b>Amortization</b>				
5	Rate Base deferrals	\$ 114	\$ 156	\$ 42	Schedule 14, Line 22, Column 6
6	CIAC	(29)	(28)	1	Schedule 10, Line 9, Column 5
7		<u>85</u>	<u>128</u>	<u>43</u>	
8					
9	Total	<u>\$ 539</u>	<u>\$ 591</u>	<u>\$ 52</u>	

**PROPERTY AND SUNDRY TAXES  
FOR THE YEAR ENDING DECEMBER 31, 2019  
(\$000s)**

Line No.	Particulars (1)	2018 APPROVED (2)	2019 FORECAST (3)	Change (4)	Cross Reference (5)
1	General School and Other	\$ 106	\$ 89	\$ (17)	
2	1% In-Lieu of Municipal Taxes	33	32	(1)	
3					
4	Total	<u>\$ 139</u>	<u>\$ 121</u>	<u>\$ (18)</u>	

**PROPERTY AND SUNDRY TAXES  
FOR THE YEAR ENDING DECEMBER 31, 2020  
(\$000s)**

Line No.	Particulars (1)	2019 Forecast (2)	2020 Forecast (3)	Change (4)	Cross Reference (5)
1	General School and Other	\$ 89	\$ 92	\$ 3	
2	1% In-Lieu of Municipal Taxes	32	36	4	
3					
4	Total	<u>\$ 121</u>	<u>\$ 128</u>	<u>\$ 7</u>	

**OTHER REVENUE  
FOR THE YEAR ENDING DECEMBER 31, 2019  
(\$000s)**

Line No.	Particulars	2018 Approved	2019 Forecast	Change	Cross Reference
	(1)	(2)	(3)	(4)	(5)
1	Late Payment Charge	\$ 17	\$ 13	\$ (4)	
2	Application Charge	9	5	(4)	
3		-			
4	Total	\$ 26	\$ 18	\$ (8)	

**OTHER REVENUE  
FOR THE YEAR ENDING DECEMBER 31, 2020  
(\$000s)**

Line No.	Particulars (1)	2019 Forecast (2)	2020 Forecast (3)	Change (4)	Cross Reference (5)
1	Late Payment Charge	\$ 13	\$ 12	\$ (1)	
2	Application Charge	5	5	-	
3					
4	Total	\$ 18	\$ 17	\$ (1)	



**INCOME TAXES  
FOR THE YEAR ENDING DECEMBER 31, 2019  
(\$000s)**

Line No.	Particulars (1)	2018 Approved (2)	2019 Forecast (3)	Change (4)	Cross Reference (5)
1	<b>EARNED RETURN</b>	\$ 728	\$ 786	\$ 58	Schedule 21, Line 27, Column 5
2	Deduct: Interest on Debt	(350)	(378)	(28)	Schedule 41, Line 1+2, Column 7
3	Adjustments to Taxable Income	(166)	(151)	15	Schedule 37, Line 31
4	Accounting Income After Tax	\$ 212	\$ 257	\$ 45	
5					
6	1 - Current Income Tax Rate	74.00%	73.00%	-1.00%	
7	Taxable Income	\$ 287	\$ 352	\$ 65	
8					
9	Current Income Tax Rate	26.00%	27.00%	1.00%	
10	Income Tax - Current	\$ 75	\$ 95	\$ 20	
11					
12	Previous Year Adjustment	-	-	-	
13	Total Income Tax	\$ 75	\$ 95	\$ 20	
14					
15					
16	<b>ADJUSTMENTS TO TAXABLE INCOME</b>				
17	Addbacks:				
18	Depreciation	\$ 416	\$ 454	\$ 38	Schedule 31, Line 2, Column 3
19	Amortization of Deferred Charges	126	114	(12)	Schedule 31, Line 5, Column 3
20	Amortization of Debt Issue Expenses	2	2	-	
21	Pension Expense	55	37	(18)	
22	OPEB Expense	34	23	(11)	
23					
24	Deductions:				
25	Capital Cost Allowance	(634)	(661)	(27)	Schedule 39, Line 13, Column 6
26	CIAC Amortization	(28)	(29)	(1)	Schedule 31, Line 6, Column 3
27	Pension Contributions	(70)	(35)	35	
28	OPEB Contributions	(15)	(4)	11	
29	Overheads Capitalized Expensed for Tax Purposes	(41)	(41)	-	
30	Removal Costs	(11)	(11)	-	Schedule 13, Line 17, Column 4
31	Total	\$ (166)	\$ (151)	\$ 15	

**INCOME TAXES  
FOR THE YEAR ENDING DECEMBER 31, 2020  
(\$000s)**

Line No.	Particulars (1)	2019 Forecast (2)	2020 Forecast (3)	Change (4)	Cross Reference (5)
1	<b>EARNED RETURN</b>	\$ 786	\$ 797	\$ 11	Schedule 22, Line 27, Column 5
2	Deduct: Interest on Debt	(378)	(382)	(4)	Schedule 42, Line 1+2, Column 7
3	Adjustments to Taxable Income	(151)	(95)	56	Schedule 38, Line 31
4	Accounting Income After Tax	\$ 257	\$ 320	\$ 63	
5					
6	1 - Current Income Tax Rate	73.00%	73.00%	73.00%	
7	Taxable Income	\$ 352	\$ 438	\$ 86	
8					
9	Current Income Tax Rate	27.00%	27.00%	27.00%	
10	Income Tax - Current	\$ 95	\$ 118	\$ 23	
11					
12	Previous Year Adjustment	-	-	-	
13	Total Income Tax	\$ 95	\$ 118	\$ 23	
14					
15					
16	<b>ADJUSTMENTS TO TAXABLE INCOME</b>				
17	Addbacks:				
18	Depreciation	\$ 454	\$ 463	\$ 9	Schedule 32, Line 2, Column 3
19	Amortization of Deferred Charges	114	156	42	Schedule 32, Line 5, Column 3
20	Amortization of Debt Issue Expenses	2	2	-	
21	Pension Expense	37	37	-	
22	OPEB Expense	23	23	-	
23					
24	Deductions:				
25	Capital Cost Allowance	(661)	(657)	4	Schedule 40, Line 13, Column 6
26	CIAC Amortization	(29)	(28)	1	Schedule 32, Line 6, Column 3
27	Pension Contributions	(35)	(35)	-	
28	OPEB Contributions	(4)	(4)	-	
29	Overheads Capitalized Expensed for Tax Purposes	(41)	(41)	-	
30	Removal Costs	(11)	(11)	-	Schedule 14, Line 17, Column 4
31	Total	\$ (151)	\$ (95)	\$ 56	

**CAPITAL COST ALLOWANCE  
FOR THE YEAR ENDING DECEMBER 31, 2019  
(\$000s)**

Line No.	Class	CCA Rate	12/31/2018 UCC Balance	Adjustments	2019 Additions	2019 CCA	12/31/2019 UCC Balance
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1(a)	4% \$	1,926 \$	- \$	- \$	(77) \$	1,849
2	1(b)	6%	495	-	22	(30)	487
3	2	6%	187	-	-	(11)	176
4	3	5%	10	-	-	-	10
5	8	20%	34	-	10	(8)	36
6	10	30%	10	-	-	(3)	7
7	12	100%	23	-	44	(45)	22
8	14.1 (pre 2017)	7%	25	-	-	(2)	23
9	49	8%	3,791	-	25	(304)	3,512
10	50	55%	35	-	19	(24)	30
11	51	6%	2,294	-	650	(157)	2,787
12							
13	Total		\$ 8,830 \$	- \$	770 \$	(661) \$	8,939

**CAPITAL COST ALLOWANCE  
FOR THE YEAR ENDING DECEMBER 31, 2020  
(\$000s)**

Line No.	Class	CCA Rate	12/31/2019 UCC Balance	Adjustments	2020 Additions	2020 CCA	12/31/2020 UCC Balance
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1(a)	4% \$	1,849 \$	- \$	- \$	(74) \$	1,775
2	1(b)	6%	487	-	23	(29)	481
3	2	6%	176	-	-	(11)	165
4	3	5%	10	-	-	-	10
5	8	20%	36	-	10	(8)	38
6	10	30%	7	-	-	(2)	5
7	12	100%	22	-	45	(45)	22
8	14.1 (pre 2017)	7%	23	-	-	(2)	21
9	49	8%	3,512	-	6	(281)	3,237
10	50	55%	30	-	19	(22)	27
11	51	6%	2,787	-	540	(183)	3,144
12							
13	Total		\$ 8,939 \$	- \$	643 \$	(657) \$	8,925

**RETURN ON CAPITAL  
FOR THE YEAR ENDING DECEMBER 31, 2019  
(\$000s)**

Line No.	Particulars	2018 Approved Earned Return	Amount	Ratio	2019 Average Embedded Cost	Cost Component	Earned Return	Earned Return Change	Cross Reference
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Long Term Debt	\$ 335	\$ 7,038	58.13%	5.19%	3.01%	\$ 365	\$ 30	Schedule 43, Line 30&32, Column 5&6&7
2	Short Term Debt	15	408	3.37%	3.10%	0.11%	13	(2)	
3	Common Equity	378	4,662	38.50%	8.75%	3.37%	408	30	
4									
5	Total	<u>\$ 728</u>	<u>\$ 12,108</u>	<u>100.00%</u>		<u>6.49%</u>	<u>\$ 786</u>	<u>\$ 58</u>	
6									
7	Cross Reference		Schedule 2, Line 23, Column 3						

**RETURN ON CAPITAL  
FOR THE YEAR ENDING DECEMBER 31, 2020  
(\$000s)**

Line No.	Particulars	2019 Forecast Earned Return	Amount	Ratio	2020 Average Embedded Cost	Cost Component	Earned Return	Earned Return Change	Cross Reference
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Long Term Debt	\$ 365	\$ 7,123	57.83%	5.17%	2.99%	\$ 368	\$ 3	Schedule 44, Line 30&32, Column 5&6&7
2	Short Term Debt	13	453	3.67%	3.20%	0.11%	14	1	
3	Common Equity	408	4,742	38.50%	8.75%	3.37%	415	7	
4									
5	Total	<u>\$ 786</u>	<u>\$ 12,318</u>	<u>100.00%</u>		<u>6.47%</u>	<u>\$ 797</u>	<u>\$ 11</u>	
6									
7	Cross Reference		Schedule 3, Line 23, Column 3						

**EMBEDDED COST OF LONG TERM DEBT  
FOR THE YEAR ENDING DECEMBER 31, 2019  
(\$000s)**

Schedule 43

Line No.	Particulars (1)	Issue Date (2)	Maturity Date (3)	Net Proceeds of Issue (4)	Average Principal Outstanding (5)	Interest * Rate (6)	Interest Expense (7)	Cross Reference (8)	
1	Medium Term Note - Series 11	September 21, 1999	September 21, 2029	147,710	150,000	7.073%	10,610		
2	2004 Long Term Debt Issue - Series 18	April 29, 2004	May 1, 2034	148,085	150,000	6.598%	9,897		
3	2005 Long Term Debt Issue - Series 19	February 25, 2005	February 25, 2035	148,337	150,000	5.980%	8,970		
4	2006 Long Term Debt Issue - Series 21	September 25, 2006	September 25, 2036	119,216	120,000	5.595%	6,714		
5	2007 Medium Term Debt Issue - Series 22	October 2, 2007	October 2, 2037	247,697	250,000	6.067%	15,168		
6	2008 Medium Term Debt Issue - Series 23	May 13, 2008	May 13, 2038	247,588	250,000	5.869%	14,673		
7	2009 Med.Term Debt Issue- Series 24	February 24, 2009	February 24, 2039	98,766	100,000	6.645%	6,645		
8	2011 Medium Term Debt Issue - Series 25	December 9, 2011	December 9, 2041	98,590	100,000	4.334%	4,334		
9	2015 Medium Term Debt Issue - Series 26 (Series A Renewal)	April 13, 2015	April 13, 2045	148,938	150,000	3.413%	5,120		
10	2016 Medium Term Debt Issue - Series 27 (Series B Renewal)	April 8, 2016	April 8, 2026	120,707	121,548	2.644%	3,215		
11	2016 Medium Term Debt Issue - Series 28	April 8, 2016	April 9, 2046	148,746	150,000	3.716%	5,574		
12	2016 Medium Term Debt Issue - Series 29	December 13, 2016	March 6, 2047	148,865	150,000	3.823%	5,735		
13	2017 Medium Term Debt Issue - Series 30	October 30, 2017	October 30, 2047	173,584	175,000	3.735%	6,536		
14	2018 Medium Term Debt Issue	November 1, 2018	November 1, 2048	148,500	150,000	3.957%	5,936		
15	2019 Medium Term Debt Issue	July 1, 2019	July 1, 2049	148,500	75,616	4.360%	3,297		
16									
17									
18	FEVI L/T Debt Issue - 2008	February 16, 2008	February 15, 2038	247,999	250,000	6.109%	15,273		
19	FEVI L/T Debt Issue - 2010	December 6, 2010	December 6, 2040	98,836	100,000	5.278%	5,278		
20									
21	LILO Obligations - Kelowna				0	0.000%	0		
22	LILO Obligations - Nelson				2,696	8.717%	235		
23	LILO Obligations - Vernon				7,895	10.108%	798		
24	LILO Obligations - Prince George				20,914	8.927%	1,867		
25	LILO Obligations - Creston				2,011	8.006%	161		
26									
27	Vehicle Lease Obligation				1,290	4.186%	54		
28									
29	Sub-Total				<u>\$ 2,626,970</u>		<u>\$ 136,090</u>		
30	Fort Nelson Division Portion of Long Term				<u>\$ 7,038</u>		<u>\$ 365</u>		
31									
32	Average Embedded Cost					<u>5.19%</u>			
33									
34	* Interest Rate is Effective interest rate as it includes amortization of debt issue costs								

**EMBEDDED COST OF LONG TERM DEBT  
FOR THE YEAR ENDING DECEMBER 31, 2020  
(\$000s)**

Schedule 44

Line No.	Particulars (1)	Issue Date (2)	Maturity Date (3)	Net Proceeds of Issue (4)	Average Principal Outstanding (5)	Interest * Rate (6)	Interest Expense (7)	Cross Reference (8)	
1	Medium Term Note - Series 11	September 21, 1999	September 21, 2029	147,710	150,000	7.073%	10,610		
2	2004 Long Term Debt Issue - Series 18	April 29, 2004	May 1, 2034	148,085	150,000	6.598%	9,897		
3	2005 Long Term Debt Issue - Series 19	February 25, 2005	February 25, 2035	148,337	150,000	5.980%	8,970		
4	2006 Long Term Debt Issue - Series 21	September 25, 2006	September 25, 2036	119,216	120,000	5.595%	6,714		
5	2007 Medium Term Debt Issue - Series 22	October 2, 2007	October 2, 2037	247,697	250,000	6.067%	15,168		
6	2008 Medium Term Debt Issue - Series 23	May 13, 2008	May 13, 2038	247,588	250,000	5.869%	14,673		
7	2009 Med.Term Debt Issue- Series 24	February 24, 2009	February 24, 2039	98,766	100,000	6.645%	6,645		
8	2011 Medium Term Debt Issue - Series 25	December 9, 2011	December 9, 2041	98,590	100,000	4.334%	4,334		
9	2015 Medium Term Debt Issue - Series 26 (Series A Renewal)	April 13, 2015	April 13, 2045	148,938	150,000	3.413%	5,120		
10	2016 Medium Term Debt Issue - Series 27 (Series B Renewal)	April 8, 2016	April 8, 2026	122,835	123,676	2.644%	3,270		
11	2016 Medium Term Debt Issue - Series 28	April 8, 2016	April 9, 2046	148,746	150,000	3.716%	5,574		
12	2016 Medium Term Debt Issue - Series 29	December 13, 2016	March 6, 2047	148,865	150,000	3.823%	5,735		
13	2017 Medium Term Debt Issue - Series 30	October 30, 2017	October 30, 2047	173,584	175,000	3.735%	6,536		
14	2018 Medium Term Debt Issue	November 1, 2018	November 1, 2048	148,500	150,000	3.957%	5,936		
15	2019 Medium Term Debt Issue	July 1, 2019	July 1, 2049	148,500	75,616	4.360%	3,297		
16	2020 Medium Term Debt Issue	July 1, 2020	July 1, 2050	148,500	75,410	4.461%	3,364		
17									
18	FEVI L/T Debt Issue - 2008	February 16, 2008	February 15, 2038	247,999	250,000	6.109%	15,273		
19	FEVI L/T Debt Issue - 2010	December 6, 2010	December 6, 2040	98,836	100,000	5.278%	5,278		
20									
21	LILO Obligations - Kelowna				0	0.000%	0		
22	LILO Obligations - Nelson				2,559	8.714%	223		
23	LILO Obligations - Vernon				7,466	10.113%	755		
24	LILO Obligations - Prince George				19,885	8.926%	1,775		
25	LILO Obligations - Creston				1,917	7.981%	153		
26									
27	Vehicle Lease Obligation				579	4.318%	25		
28									
29	Sub-Total				<u>\$ 2,702,108</u>		<u>\$ 139,325</u>		
30	Fort Nelson Division Portion of Long Term				<u>\$ 7,123</u>		<u>\$ 368</u>		
31									
32	Average Embedded Cost					<u>5.17%</u>			
33									
34	* Interest Rate is Effective interest rate as it includes amortization of debt issue costs								



**Appendix B**

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**TARIFF CONTINUITY AND BILL IMPACT SCHEDULES**

**EVIDENTIARY UPDATE, DATED NOVEMBER 19, 2018**

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY  
 PROPOSED JANUARY 1, 2019 RATES  
 BCUC ORDERS G-171-18

APPENDIX B1  
 PAGE 1  
 SCHEDULE 1

<b>RATE SCHEDULE 1: RESIDENTIAL SERVICE</b>		<b>APPROVED 2018 RDA RATES<sup>1</sup></b>	<b>DELIVERY MARGIN RELATED CHARGES CHANGES</b>	<b>JANUARY 1, 2019 PROPOSED RATES</b>
Line No.	Particulars	<b>Fort Nelson</b>	<b>Fort Nelson</b>	<b>Fort Nelson</b>
	(1)	(2)	(3)	(4)
1	<u>Delivery Margin Related Charges</u>			
2	<b>Basic Charge per Day</b>	<b>\$0.3701</b>	<b>\$0.0000</b>	<b>\$0.3701</b>
3				
4	Delivery Charge per GJ	\$3.512	\$0.200	\$3.712
5	Rider 5 RSAM per GJ	\$0.391	(\$0.192 )	\$0.199
6	<b>Subtotal Delivery Margin Related Charges per GJ</b>	<b>\$3.903</b>	<b>\$0.008</b>	<b>\$3.911</b>
7				
8				
9	<u>Commodity Related Charges</u>			
10	Storage and Transport per GJ	\$0.019	\$0.000	\$0.019
11	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.552	\$0.000	\$1.552
12	<b>Subtotal of Commodity Related Charges per GJ</b>	<b>\$1.571</b>	<b>\$0.000</b>	<b>\$1.571</b>

<sup>1</sup> Pursuant to Commission Orders and Decision G-4-18 and G-135-18 of the 2016 FEI Rate Design Application (RDA) for Fort Nelson.

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY  
 PROPOSED JANUARY 1, 2019 RATES  
 BCUC ORDERS G-171-18

APPENDIX B1  
 PAGE 2  
 SCHEDULE 2

<b>RATE SCHEDULE 2: SMALL COMMERCIAL SERVICE</b>		<b>APPROVED 2018 RDA RATES<sup>1</sup></b>	<b>DELIVERY MARGIN RELATED CHARGES CHANGES</b>	<b>JANUARY 1, 2019 PROPOSED RATES</b>
Line No.	Particulars	<b>Fort Nelson</b>	<b>Fort Nelson</b>	<b>Fort Nelson</b>
	(1)	(2)	(3)	(4)
1	<u>Delivery Margin Related Charges</u>			
2	<b>Basic Charge per Day</b>	<b>\$1.2151</b>	<b>\$0.0000</b>	<b>\$1.2151</b>
3				
4	Delivery Charge per GJ	\$3.781	\$0.221	\$4.002
5	Rider 5 RSAM per GJ	\$0.391	(\$0.192 )	\$0.199
6	<b>Subtotal Delivery Margin Related Charges per GJ</b>	<b>\$4.172</b>	<b>\$0.029</b>	<b>\$4.201</b>
7				
8				
9	<u>Commodity Related Charges</u>			
10	Storage and Transport per GJ	\$0.019	\$0.000	\$0.019
11	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.552	\$0.000	\$1.552
12	<b>Subtotal of Commodity Related Charges per GJ</b>	<b>\$1.571</b>	<b>\$0.000</b>	<b>\$1.571</b>

<sup>1</sup> Pursuant to Commission Orders and Decision G-4-18 and G-135-18 of the 2016 FEI Rate Design Application (RDA) for Fort Nelson.

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY  
 PROPOSED JANUARY 1, 2019 RATES  
 BCUC ORDERS G-171-18

APPENDIX B1  
 PAGE 3  
 SCHEDULE 3

<b>RATE SCHEDULE 3: LARGE COMMERCIAL SERVICE</b>		<b>APPROVED 2018 RDA RATES<sup>1</sup></b>	<b>DELIVERY MARGIN RELATED CHARGES CHANGES</b>	<b>JANUARY 1, 2019 PROPOSED RATES</b>
Line No.	Particulars (1)	<b>Fort Nelson</b> (2)	<b>Fort Nelson</b> (3)	<b>Fort Nelson</b> (4)
1	<u>Delivery Margin Related Charges</u>			
2	<b>Basic Charge per Day</b>	<b>\$3.6845</b>	<b>\$0.0000</b>	<b>\$3.6845</b>
3				
4	Delivery Charge per GJ	\$3.330	\$0.162	\$3.492
5	Rider 5 RSAM per GJ	\$0.391	(\$0.192 )	\$0.199
6	<b>Subtotal Delivery Margin Related Charges per GJ</b>	<b>\$3.721</b>	<b>(\$0.030 )</b>	<b>\$3.691</b>
7				
8				
9	<u>Commodity Related Charges</u>			
10	Storage and Transport per GJ	\$0.019	\$0.000	\$0.019
11	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.552	\$0.000	\$1.552
12	<b>Subtotal of Commodity Related Charges per GJ</b>	<b>\$1.571</b>	<b>\$0.000</b>	<b>\$1.571</b>

<sup>1</sup> Pursuant to Commission Orders and Decision G-4-18 and G-135-18 of the 2016 FEI Rate Design Application (RDA) for Fort Nelson.

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY  
 PROPOSED JANUARY 1, 2019 RATES  
 BCUC ORDERS G-171-18

APPENDIX B1  
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 SCHEDULE 5

RATE SCHEDULE 5 GENERAL FIRM SERVICE		APPROVED 2018 RDA RATES <sup>1</sup>	DELIVERY MARGIN RELATED CHARGES CHANGES	JANUARY 1, 2019 PROPOSED RATES
Line No.	Particulars	Fort Nelson	Fort Nelson	Fort Nelson
	(1)	(2)	(3)	(4)
1	<u>Delivery Margin Related Charges</u>			
2	Basic Charge per Month	\$600.00	\$0.00	\$600.00
3				
4	Demand Charge per Month per GJ	\$30.350	\$1.435	\$31.785
5				
6	Delivery Charge per GJ	\$1.000	\$0.053	\$1.053
7	Rider 5 RSAM per GJ	\$0.391	(\$0.192 )	\$0.199
8	Subtotal <b>Delivery Margin Related Charges per GJ</b>	<b>\$1.391</b>	<b>(\$0.139 )</b>	<b>\$1.252</b>
9				
10	<u>Commodity Related Charges</u>			
11	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.552	\$0.000	\$1.552
12	Storage and Transport per GJ	\$0.019	\$0.000	\$0.019
13	Subtotal <b>of Commodity Related Charges per GJ</b>	<b>\$1.571</b>	<b>\$0.000</b>	<b>\$1.571</b>
14				
15				
16				
17				
18	Total Variable Cost per gigajoule	<u>\$2.962</u>	<u>(\$0.139)</u>	<u>\$2.823</u>

<sup>1</sup> Pursuant to Commission Orders and Decision G-4-18 and G-135-18 of the 2016 FEI Rate Design Application (RDA) for Fort Nelson.

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY  
 PROPOSED JANUARY 1, 2019 RATES  
 BCUC ORDERS G-171-18

APPENDIX B1  
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 SCHEDULE 6

<b>RATE SCHEDULE 6: NATURAL GAS VEHICLE SERVICE</b>		<b>APPROVED 2018 RDA RATES<sup>1</sup></b>	<b>DELIVERY MARGIN RELATED CHARGES CHANGES</b>	<b>JANUARY 1, 2019 PROPOSED RATES</b>
Line No.	Particulars	<b>Fort Nelson</b>	<b>Fort Nelson</b>	<b>Fort Nelson</b>
	(1)	(2)	(3)	(4)
1	<u>Delivery Margin Related Charges</u>			
2	<b>Basic Charge per Day</b>	\$2.0041	\$0.0000	\$2.0041
3				
4	<b>Delivery Charge per GJ</b>	\$2.889	\$0.127	\$3.016
5				
6				
7	<u>Commodity Related Charges</u>			
8	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.552	\$0.000	\$1.552
9	Storage and Transport per GJ	\$0.019	\$0.000	\$0.019
10	<b>Subtotal of Commodity Related Charges per GJ</b>	<b>\$1.571</b>	<b>\$0.000</b>	<b>\$1.571</b>
11				
12				
13				
14				
15	<b>Total Variable Cost per gigajoule</b>	<b>\$4.460</b>	<b>\$0.127</b>	<b>\$4.587</b>

<sup>1</sup> Pursuant to Commission Orders and Decision G-4-18 and G-135-18 of the 2016 FEI Rate Design Application (RDA) for Fort Nelson.

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY  
 PROPOSED JANUARY 1, 2019 RATES  
 BCUC ORDERS G-171-18

APPENDIX B1  
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 SCHEDULE 25

RATE SCHEDULE 25 GENERAL FIRM TRANSPORTATION SERVICE		APPROVED 2018 RDA RATES <sup>1</sup>	DELIVERY MARGIN RELATED CHARGES CHANGES	JANUARY 1, 2019 PROPOSED RATES
Line No.	Particulars	Fort Nelson	Fort Nelson	Fort Nelson
	(1)	(2)	(3)	(4)
1	<u>Delivery Margin Related Charges</u>			
2	<b>Basic Charge per Month</b>	\$600.00	\$0.00	\$600.00
3				
4	<b>Demand Charge per Month per GJ</b>	\$30.350	\$1.435	\$31.785
5				
6	<b>Delivery Charge per GJ</b>	\$1.000	\$0.053	\$1.053
7				
8	<b>Administration Charge per Month</b>	\$39.00	\$0.00	\$39.00
9				
10	<b>Rider 5 RSAM per GJ</b>	\$0.391	(\$0.192)	\$0.199
11				
12	<u>Non-Standard Charges</u>			
13	<b>Unauthorized Ovrerrun Gas Charges</b>			
14	Per Gigajoule on first 5 percent of specified quantity	Station 2 Daily Price	\$0.00	Station 2 Daily Price
15		The greater of \$20.00/GJ or 1.5 x the		The greater of \$20.00/GJ or 1.5 x the
16	Per Gigajoule on all Gas over 5 percent of specified quantity	Station 2 Daily Price	\$0.00	Station 2 Daily Price
17				
18	<b>Charge per Gigajoule of Balancing Service provided</b>			
19	Quantities of Gas less than 10% of the Rate Schedule 25			
20	Authorized Quantity	No charge	\$0.00	No charge
21	Quantities of Gas over the greater of 100 Gigajoules or equal			
22	to or in excess of 10% or less than 20% of the Rate Schedule			
23	25 Authorized Quantity	\$0.25	\$0.00	\$0.25
24	Quantities of Gas over the greater of 100 Gigajoules or equal			
25	to or in excess of 20% of the Rate Schedule 25 Authorized			
26	Quantity			
27	(i) between and including April 1 and Oct 31	\$0.30	\$0.00	\$0.30
28	(ii) between and including Nov 1 and March 31	\$1.10	\$0.00	\$1.10
29				
30				
31	<b>Charge per Gigajoule of Balancing and/or Backstopping Gas</b>	Station 2 Daily Price	\$0.00	Station 2 Daily Price
32				
33				
34				
35				
36	<b>Total Variable Cost per gigajoule</b>	<u>\$1.391</u>	<u>(\$0.139)</u>	<u>\$1.252</u>

<sup>1</sup> Pursuant to Commission Orders and Decision G-4-18 and G-135-18 of the 2016 FEI Rate Design Application (RDA) for Fort Nelson.

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 DELIVERY MARGIN RELATED CHARGES CHANGES  
 BCUC ORDERS G-171-18  
**RATE SCHEDULE 1 - RESIDENTIAL SERVICE**

Line No.	Particular	APPROVED 2018 RDA RATES <sup>1</sup>			PROPOSED JANUARY 1, 2019 RATES			Annual Increase/Decrease		
		Quantity	Rate	Annual \$	Quantity	Rate	Annual \$	Rate	Annual \$	% of Previous Total Annual Bil
1	<b>FORT NELSON SERVICE AREA</b>									
2	<u>Delivery Margin Related Charges</u>									
3	Basic Charge per Day	365.25	days x \$0.3701 =	\$135.18	365.25	days x \$0.3701 =	\$135.18	\$0.0000	\$0.00	0.00%
4										
5	Delivery Charge per GJ	125.0	GJ x \$3.512 =	439.0000	125.0	GJ x \$3.712 =	464.0000	\$0.200	25.0000	3.05%
6	Rider 5 RSAM per GJ	125.0	GJ x \$0.391 =	48.8750	125.0	GJ x \$0.199 =	24.8750	(\$0.192 )	(24.0000)	-2.93%
7	Subtotal Delivery Margin Related Charges			<b>\$623.06</b>			<b>\$624.06</b>		<b>\$1.00</b>	<b>0.12%</b>
8										
9	<u>Commodity Related Charges</u>									
10	Storage and Transport per GJ	125.0	GJ x \$0.019 =	\$2.38	125.0	GJ x \$0.019 =	\$2.38	\$0.000	\$0.00	0.00%
11										
12	Cost of Gas (Commodity Cost Recovery Charge) per GJ	125.0	GJ x \$1.552 =	\$194.00	125.0	GJ x \$1.552 =	\$194.00	\$0.000	\$0.00	0.00%
13	Subtotal Commodity Related Charges			<b>\$196.38</b>			<b>\$196.38</b>		<b>\$0.00</b>	<b>0.00%</b>
14										
15	Total (with effective \$/GJ rate)	125.0	\$6.556	<b>\$819.44</b>	125.0	\$6.564	<b>\$820.44</b>	\$0.008	<b>\$1.00</b>	<b>0.12%</b>

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

<sup>1</sup> Pursuant to Commission Orders and Decisions G-4-18 and G-135-18 of the 2016 FEI Rate Design Application (RDA) for Fort Nelson.



FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 DELIVERY MARGIN RELATED CHARGES CHANGES  
 BCUC ORDERS G-171-18  
**RATE SCHEDULE 1 - RESIDENTIAL SERVICE**

Line No.	Particular	EXISTING RATES JANUARY 1, 2018 <sup>1</sup>			PROPOSED JANUARY 1, 2019 RATES			Annual Increase/Decrease		
		Quantity	Rate	Annual \$	Quantity	Rate	Annual \$	Annual \$	% of Previous Total Annual Bill	
1	<b>FORT NELSON SERVICE AREA</b>									
2										
3	<b><u>RATE 1 DOMESTIC SERVICE OPTION B</u></b>									
4	<u>Monthly Charge</u>									
5	Delivery Charge per Day	365.25	days x	\$0.4588 =			\$167.5767			
6	Rider 5 - RSAM per Day	365.25	days x	\$0.0257 =			\$9.3869			
7	Gas Cost Recovery Charge Prorated to Daily Basis	365.25	days x	\$0.1032 =			37.6938			
8	Minimum Monthly Charge (includes the first 2 gigajoules)			\$0.5877			<b>\$214.66</b>			
9										
10	<u>Next 28 Gigajoules in any month</u>									
11	Delivery Charge per GJ	101	GJ x	\$3.557 =			\$359.2570			
12	Rider 5 - RSAM per GJ	101	GJ x	0.391 =			39.4910			
13	Gas Cost Recovery Charge per GJ	101	GJ x	1.571 =			158.6710			
14	Total Charges per GJ			\$5.519			<b>\$557.42</b>			
15										
16	<u>Excess of 30 Gigajoules in any month</u>									
17	Delivery Charge per GJ	0	GJ x	\$3.455 =			\$0.0000			
18	Rider 5 - RSAM per GJ	0	GJ x	0.391 =			0.0000			
19	Gas Cost Recovery Charge per GJ	0	GJ x	1.571 =			0.0000			
20	Total Charges per GJ			\$5.417			<b>\$0.00</b>			
21										
22	<b>Total</b>	<u>125</u>	GJ x				<b>\$772.08</b>			
23										
24	<u>Summary of Annual Delivery and Commodity Charges</u>									
25	<b>Subtotal of Delivery Charges (including RSAM)</b>						<b>\$575.71</b>			
26	<b>Subtotal of Commodity Charges</b>						<b>\$196.36</b>			
27										
28										
29	<b><u>RATE SCHEDULE 1 - RESIDENTIAL SERVICE</u></b>									
30	<u>Delivery Margin Related Charges</u>									
31	Basic Charge per Day				365.25	days x	\$0.3701 =	\$135.18		
32										
33	Delivery Charge per GJ				125.0	GJ x	\$3.712 =	464.0000		
34	Rider 5 RSAM per GJ				125.0	GJ x	\$0.199 =	24.8750		
35	Subtotal Delivery Margin Related Charges						<b>\$624.06</b>	<b>\$48.35</b>	<b>6.26%</b>	
36										
37	<u>Commodity Related Charges</u>									
38	Storage and Transport per GJ				125.0	GJ x	\$0.019 =	\$2.38		
39										
40	Cost of Gas (Commodity Cost Recovery Charge) per GJ				125.0	GJ x	\$1.552 =	\$194.00		
41	Subtotal Commodity Related Charges						<b>\$196.38</b>	<b>\$0.02</b>	<b>0.00%</b>	
42										
43	Total (with effective \$/GJ rate)				<u>125.0</u>		<b>\$6.564</b>	<b>\$820.44</b>	<b>\$48.36</b>	<b>6.26%</b>

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

<sup>1</sup> Pursuant to Commission Orders G-162-16 and G-173-16 of the FEI Fort Nelson Service Area 2017-2018 Revenue Requirements Application and G-175-17 of the 2017 Fourth Quarter Gas Cost Report for Rate Changes Effective January 1, 2018.

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 DELIVERY MARGIN RELATED CHARGES CHANGES  
 BCUC ORDERS G-171-18  
**RATE SCHEDULE 2 - SMALL COMMERCIAL SERVICE**

Line No.	Particular	APPROVED 2018 RDA RATES <sup>1</sup>			PROPOSED JANUARY 1, 2019 RATES			Annual Increase/Decrease		
		Quantity	Rate	Annual \$	Quantity	Rate	Annual \$	Rate	Annual \$	% of Previous Total Annual Bill
1	<b>FORT NELSON SERVICE AREA</b>									
2	<u>Delivery Margin Related Charges</u>									
3	Basic Charge per Day	365.25	days x	\$1.2151	=	\$443.82		\$0.0000	\$0.00	0.00%
4										
5	Delivery Charge per GJ	350.0	GJ x	\$3.781	=	1,323.3500		\$0.221	77.3500	3.15%
6	Rider 5 RSAM per GJ	350.0	GJ x	\$0.391	=	136.8500		(\$0.192 )	(67.2000)	-2.74%
7	Subtotal Delivery Margin Related Charges					<u>\$1,904.02</u>			<u>\$10.15</u>	<u>0.41%</u>
8										
9	<u>Commodity Related Charges</u>									
10	Storage and Transport per GJ	350.0	GJ x	\$0.019	=	\$6.65		\$0.000	\$0.00	0.00%
11										
12	Cost of Gas (Commodity Cost Recovery Charge) per GJ	350.0	GJ x	\$1.552	=	\$543.20		\$0.000	\$0.00	0.00%
13	Subtotal Commodity Related Charges					<u>\$549.85</u>			<u>\$0.00</u>	<u>0.00%</u>
14										
15	Total (with effective \$/GJ rate)	<u>350.0</u>		\$7.011		<u>\$2,453.87</u>		\$0.029	<u>\$10.15</u>	<u>0.41%</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

<sup>1</sup> Pursuant to Commission Orders and Decisions G-4-18 and G-135-18 of the 2016 FEI Rate Design Application (RDA) for Fort Nelson.

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 DELIVERY MARGIN RELATED CHARGES CHANGES  
 BCUC ORDERS G-171-18  
**RATE SCHEDULE 2 -SMALL COMMERCIAL SERVICE**

Line No.	Particular	EXISTING RATES JANUARY 1, 2018 <sup>1</sup>			PROPOSED JANUARY 1, 2019 RATES			Annual Increase/Decrease		
		Quantity	Rate	Annual \$	Quantity	Rate	Annual \$	Annual \$	% of Previous Total Annual Bill	
1	<b>FORT NELSON SERVICE AREA</b>									
2										
3	<b>RATE 2.1 GENERAL SERVICE</b>									
4	<u>Monthly Charge</u>									
5	Delivery Charge per Day	365.25	days x	\$1.3358 =			\$487.9010			
6	Rider 5 - RSAM per Day	365.25	days x	\$0.0257 =			9.3869			
7	Gas Cost Recovery Charge Prorated to Daily Basis	365.25	days x	\$0.1032 =			37.6938			
8	Minimum Monthly Charge (includes the first 2 gigajoules)			\$1.4647			<b>\$534.98</b>			
9										
10	<u>Next 298 Gigajoules in any month</u>									
11	Delivery Charge per GJ	326	GJ x	\$4.003 =			\$1,304.9780			
12	Rider 5 - RSAM per GJ	326	GJ x	0.391 =			127.4660			
13	Gas Cost Recovery Charge per GJ	326	GJ x	1.571 =			512.1460			
14	Total Charges per GJ			\$5.965			<b>\$1,944.59</b>			
15										
16	<u>Excess of 300 Gigajoules in any month</u>									
17	Delivery Charge per GJ	0	GJ x	\$3.879 =			\$0.0000			
18	Rider 5 - RSAM per GJ	0	GJ x	0.391 =			0.0000			
19	Gas Cost Recovery Charge per GJ	0	GJ x	1.571 =			0.0000			
20	Total Charges per GJ			\$5.841			<b>\$0.00</b>			
21										
22	<b>Total</b>	<u>350</u>	GJ x				<b>\$2,479.57</b>			
23										
24	<u>Summary of Annual Delivery and Commodity Charges</u>									
25	<b>Subtotal of Delivery Charges (including RSAM)</b>						<b>\$1,929.73</b>			
26	<b>Subtotal of Commodity Charges</b>						<b>\$549.84</b>			
27										
28										
29	<b>RATE SCHEDULE 2 -SMALL COMMERCIAL SERVICE</b>									
30	<u>Delivery Margin Related Charges</u>									
31	Basic Charge per Day				365.25	days x	\$1.2151 =	\$443.82		
32										
33	Delivery Charge per GJ				350.0	GJ x	\$4.002 =	1,400.7000		
34	Rider 5 RSAM per GJ				350.0	GJ x	\$0.199 =	69.6500		
35	Subtotal Delivery Margin Related Charges						<b>\$1,914.17</b>	<b>(\$15.56 )</b>	<b>-0.63%</b>	
36										
37	<u>Commodity Related Charges</u>									
38	Storage and Transport per GJ				350.0	GJ x	\$0.019 =	\$6.65		
39										
40	Cost of Gas (Commodity Cost Recovery Charge) per GJ				350.0	GJ x	\$1.552 =	\$543.20		
41	Subtotal Commodity Related Charges						<b>\$549.85</b>	<b>\$0.01</b>	<b>0.00%</b>	
42										
43	Total (with effective \$/GJ rate)				<u>350.0</u>		\$7.040	<b>\$2,464.02</b>	<b>(\$15.55 )</b>	<b>-0.63%</b>

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

<sup>1</sup> Pursuant to Commission Orders G-162-16 and G-173-16 of the FEI Fort Nelson Service Area 2017-2018 Revenue Requirements Application and G-175-17 of the 2017 Fourth Quarter Gas Cost Report for Rate Changes Effective January 1, 2018.

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 DELIVERY MARGIN RELATED CHARGES CHANGES  
 BCUC ORDERS G-171-18  
**RATE SCHEDULE 3 - LARGE COMMERCIAL SERVICE**

Line No.	Particular	APPROVED 2018 RDA RATES <sup>1</sup>			PROPOSED JANUARY 1, 2019 RATES			Annual Increase/Decrease		
		Quantity	Rate	Annual \$	Quantity	Rate	Annual \$	Rate	Annual \$	% of Previous Total Annual Bil
1	<b>FORT NELSON SERVICE AREA</b>									
2	<u>Delivery Margin Related Charges</u>									
3	Basic Charge per Day	365.25	days x \$3.6845 =	\$1,345.76	365.25	days x \$3.6845 =	\$1,345.76	\$0.0000	\$0.00	0.00%
4										
5	Delivery Charge per GJ	3,165.0	GJ x \$3.330 =	10,539.4500	3,165.0	GJ x \$3.492 =	11,052.1800	\$0.162	512.7300	2.83%
6	Rider 5 RSAM per GJ	3,165.0	GJ x \$0.391 =	1,237.5150	3,165.0	GJ x \$0.199 =	629.8350	(\$0.192 )	(607.6800)	-3.36%
7	Subtotal Delivery Margin Related Charges			<u>\$13,122.73</u>			<u>\$13,027.78</u>		<u>(\$94.95 )</u>	<u>-0.52%</u>
8										
9	<u>Commodity Related Charges</u>									
10	Storage and Transport per GJ	3,165.0	GJ x \$0.019 =	\$60.14	3,165.0	GJ x \$0.019 =	\$60.14	\$0.000	\$0.00	0.00%
11										
12	Cost of Gas (Commodity Cost Recovery Charge) per GJ	3,165.0	GJ x \$1.552 =	\$4,912.08	3,165.0	GJ x \$1.552 =	\$4,912.08	\$0.000	\$0.00	0.00%
13	Subtotal Commodity Related Charges			<u>\$4,972.22</u>			<u>\$4,972.22</u>		<u>\$0.00</u>	<u>0.00%</u>
14										
15	Total (with effective \$/GJ rate)	<u>3,165.0</u>	<u>\$5.717</u>	<u>\$18,094.95</u>	<u>3,165.0</u>	<u>\$5.687</u>	<u>\$18,000.00</u>	<u>(\$0.030 )</u>	<u>(\$94.95 )</u>	<u>-0.52%</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

<sup>1</sup> Pursuant to Commission Orders and Decisions G-4-18 and G-135-18 of the 2016 FEI Rate Design Application (RDA) for Fort Nelson.

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 DELIVERY MARGIN RELATED CHARGES CHANGES  
 BCUC ORDERS G-171-18  
**RATE SCHEDULE 3 - LARGE COMMERCIAL SERVICE**

Line No.	Particular	EXISTING RATES JANUARY 1, 2018 <sup>1</sup>			PROPOSED JANUARY 1, 2019 RATES			Annual Increase/Decrease		
		Quantity	Rate	Annual \$	Quantity	Rate	Annual \$	Annual \$	% of Previous Total Annual Bill	
1	<b>FORT NELSON SERVICE AREA</b>									
2										
3	<b>RATE 2.2 GENERAL SERVICE</b>									
4	<u>Monthly Charge</u>									
5	Delivery Charge per Day	365.25	days x	\$1.3358 =			\$487.9010			
6	Rider 5 - RSAM per Day	365.25	days x	\$0.0257 =			9.3869			
7	Gas Cost Recovery Charge Prorated to Daily Basis	365.25	days x	\$0.1032 =			37.6938			
8	Minimum Monthly Charge (includes the first 2 gigajoules)			\$1.4647			<b>\$534.98</b>			
9										
10	<u>Next 298 Gigajoules in any month</u>									
11	Delivery Charge per GJ	3,141	GJ x	\$4.003 =			\$12,573.4230			
12	Reserved for Future Use	3,141	GJ x	0.391 =			1,228.1310			
13	Gas Cost Recovery Charge per GJ	3,141	GJ x	1.571 =			4,934.5110			
14	Total Charges per GJ			\$5.965			<b>\$18,736.07</b>			
15										
16	<u>Excess of 300 Gigajoules in any month</u>									
17	Delivery Charge per GJ	0	GJ x	\$3.879 =			\$0.0000			
18	Reserved for Future Use	0	GJ x	0.391 =			0.0000			
19	Gas Cost Recovery Charge per GJ	0	GJ x	1.571 =			0.0000			
20	Total Charges per GJ			\$5.841			<b>\$0.00</b>			
21										
22	<b>Total</b>	<u>3,165</u>	GJ				<b>\$19,271.05</b>			
23										
24	<u>Summary of Annual Delivery and Commodity Charges</u>									
25	<b>Subtotal of Delivery Charges (including RSAM)</b>						<b>\$14,298.84</b>			
26	<b>Subtotal of Commodity Charges</b>						<b>\$4,972.20</b>			
27										
28										
29	<b>RATE SCHEDULE 3 - LARGE COMMERCIAL SERVICE</b>									
30	<u>Delivery Margin Related Charges</u>									
31	Basic Charge per Day				365.25	days x	\$3.6845 =	\$1,345.76		
32										
33	Delivery Charge per GJ				3,165.0	GJ x	\$3.492 =	11,052.1800		
34	Rider 5 RSAM per GJ				3,165.0	GJ x	\$0.199 =	629.8350		
35	Subtotal Delivery Margin Related Charges						<b>\$13,027.78</b>	<b>(\$1,271.06 )</b>	<b>-6.60%</b>	
36										
37	<u>Commodity Related Charges</u>									
38	Storage and Transport per GJ				3,165.0	GJ x	\$0.019 =	\$60.14		
39										
40	Cost of Gas (Commodity Cost Recovery Charge) per GJ				3,165.0	GJ x	\$1.552 =	\$4,912.08		
41	Subtotal Commodity Related Charges						<b>\$4,972.22</b>	<b>\$0.02</b>	<b>0.00%</b>	
42										
43	Total (with effective \$/GJ rate)				<u>3,165.0</u>		\$5.687	<b>\$18,000.00</b>	<b>(\$1,271.05 )</b>	<b>-6.60%</b>

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

<sup>1</sup> Pursuant to Commission Orders G-162-16 and G-173-16 of the FEI Fort Nelson Service Area 2017-2018 Revenue Requirements Application and G-175-17 of the 2017 Fourth Quarter Gas Cost Report for Rate Changes Effective January 1, 2018.

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 DELIVERY MARGIN RELATED CHARGES CHANGES  
 BCUC ORDERS G-4-18 G-135-18  
**RATE SCHEDULE 25 - GENERAL FIRM TRANSPORTATION SERVICE**

Line No.	Particular	APPROVED 2018 RDA RATES <sup>1</sup>			PROPOSED JANUARY 1, 2019 RATES			Annual Increase/Decrease		
		Quantity	Rate	Annual \$	Quantity	Rate	Annual \$	Rate	Annual \$	% of Previous Total Annual Bill
1	<b>FORT NELSON SERVICE AREA</b>									
2	<u>Delivery Margin Related Charges</u>									
3	Basic Charge per Month	12 months	x \$600.00	= <u>\$7,200.00</u>	12 months	x \$600.00	= <u>\$7,200.00</u>	\$0.00	<u>\$0.00</u>	<b>0.00%</b>
4										
5	Administration Charge per Month	12 months	x \$39.00	= <u>\$468.00</u>	12 months	x \$39.00	= <u>\$468.00</u>	\$0.00	<u>\$0.00</u>	<b>0.00%</b>
6										
7	Demand Charge per Month per GJ	292.7	GJ x \$30.350	= <u>\$106,601.34</u>	292.7	GJ x \$31.785	= <u>\$111,641.63</u>	\$1.435	<u>\$5,040.29</u>	<b>2.93%</b>
8										
9	Delivery Charge per GJ	41,500.0	GJ x \$1.000	= \$41,500.0000	41,500.0	GJ x \$1.053	= \$43,699.5000	\$0.053	\$2,199.5000	1.28%
10	Rider 5 RSAM per GJ	41,500.0	GJ x \$0.391	= 16,226.5000	41,500.0	GJ x \$0.199	= 8,258.5000	(\$0.192)	(7,968.0000)	-4.63%
11	Subtotal Delivery Margin Related Charges			<u>\$57,726.50</u>			<u>\$51,958.00</u>		<u>(\$5,768.50)</u>	<b>-3.35%</b>
12										
13	Total (with effective \$/GJ rate)	41,500.0	\$4.144	<u>\$171,995.84</u>	41,500.0	\$4.127	<u>\$171,267.63</u>	(\$0.018)	<u>(\$728.21)</u>	<b>-0.42%</b>

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

<sup>1</sup> Pursuant to Commission Orders and Decisions G-4-18 and G-135-18 of the 2016 FEI Rate Design Application (RDA) for Fort Nelson.

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 DELIVERY MARGIN RELATED CHARGES CHANGES  
 BCUC ORDERS G-4-18 G-135-18  
**RATE SCHEDULE 25 - GENERAL FIRM TRANSPORTATION SERVICE**

Line No.	Particular	EXISTING RATES JANUARY 1, 2018 <sup>1</sup>			PROPOSED JANUARY 1, 2019 RATES			Annual Increase/Decrease	
		Quantity	Rate	Annual \$	Quantity	Rate	Annual \$	Annual \$	% of Previous Total Annual Bill
1	<b>FORT NELSON SERVICE AREA</b>								
2									
3	<b>RATE SCHEDULE 25 TRANSPORTATION SERVICE</b>								
4	<u>Transportation Delivery Charges</u>								
5									
6	Delivery Charge per Gigajoule								
7	i) First 20 Gigajoules	240	GJ x	\$4.522			\$1,085.2800		
8	ii) Next 260 Gigajoules	3,120	GJ x	\$4.201			13,107.1200		
9	iii) Excess over 280 Gigajoules	38,140	GJ x	\$3.450			131,583.0000		
10	iv) Minimum Delivery Charge per month	12	months x	\$1,826.000			-		
11									
12	Administration Charge per month	12	months x	\$202.00			\$2,424.00		
13									
14	Rider 5: RSAM per GJ	41,500	GJ x	\$0.391			\$16,226.5000		
15									
16	<b>Total Transportation Delivery &amp; Administration Charges</b>	<u>41,500</u>	GJ x	<u>\$3.962</u>			<u>\$164,425.90</u>		
17									
18									
19	<b><u>RATE SCHEDULE 25 - GENERAL FIRM TRANSPORTATION SERVICE</u></b>								
20	<u>Delivery Margin Related Charges</u>								
21	Basic Charge per Month				12	months x	\$600.00 =	<u>\$7,200.00</u>	
22									
23	Administration Charge per Month				12	months x	\$39.00 =	<u>\$468.00</u>	
24									
25	Demand Charge per Month per GJ				292.7	GJ x	\$31.785 =	<u>\$111,641.63</u>	
26									
27	Delivery Charge per GJ				41,500.0	GJ x	\$1.053 =	\$43,699.5000	
28	Rider 5 RSAM per GJ				41,500.0	GJ x	\$0.199 =	8,258.5000	
29	Subtotal Delivery Margin Related Charges							<u>\$51,958.00</u>	
30									
31	Total (with effective \$/GJ rate)				<u>41,500.0</u>		\$4.127	<u>\$171,267.63</u>	<u>\$6,841.73</u> <b>4.16%</b>

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

<sup>1</sup> Pursuant to Commission Orders G-162-16 and G-173-16 of the FEI Fort Nelson Service Area 2017-2018 Revenue Requirements Application.

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY  
 PROPOSED JANUARY 1, 2020 RATES  
 BCUC ORDERS G-171-18

APPENDIX B2  
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 SCHEDULE 1

<b>RATE SCHEDULE 1: RESIDENTIAL SERVICE</b>		<b>JANUARY 1, 2019 PROPOSED RATES</b>	<b>DELIVERY MARGIN RELATED CHARGES CHANGES</b>	<b>JANUARY 1, 2020 PROPOSED RATES</b>
Line No.	Particulars (1)	<b>Fort Nelson</b> (2)	<b>Fort Nelson</b> (3)	<b>Fort Nelson</b> (4)
1	<u>Delivery Margin Related Charges</u>			
2	<b>Basic Charge per Day</b>	<b>\$0.3701</b>	<b>\$0.0000</b>	<b>\$0.3701</b>
3				
4	Delivery Charge per GJ	\$3.712	\$0.385	\$4.097
5	Rider 5 RSAM per GJ	\$0.199	\$0.000	\$0.199
6	<b>Subtotal Delivery Margin Related Charges per GJ</b>	<b>\$3.911</b>	<b>\$0.385</b>	<b>\$4.296</b>
7				
8				
9	<u>Commodity Related Charges</u>			
10	Storage and Transport per GJ	\$0.019	\$0.000	\$0.019
11	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.552	\$0.000	\$1.552
12	<b>Subtotal of Commodity Related Charges per GJ</b>	<b>\$1.571</b>	<b>\$0.000</b>	<b>\$1.571</b>



FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY  
 PROPOSED JANUARY 1, 2020 RATES  
 BCUC ORDERS G-171-18

APPENDIX B2  
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 SCHEDULE 2

<b>RATE SCHEDULE 2: SMALL COMMERCIAL SERVICE</b>		<b>JANUARY 1, 2019 PROPOSED RATES</b>	<b>DELIVERY MARGIN RELATED CHARGES CHANGES</b>	<b>JANUARY 1, 2020 PROPOSED RATES</b>
Line No.	Particulars	<b>Fort Nelson</b>	<b>Fort Nelson</b>	<b>Fort Nelson</b>
	(1)	(2)	(3)	(4)
1	<u>Delivery Margin Related Charges</u>			
2	<b>Basic Charge per Day</b>	<b>\$1.2151</b>	<b>\$0.0000</b>	<b>\$1.2151</b>
3				
4	Delivery Charge per GJ	\$4.002	\$0.433	\$4.435
5	Rider 5 RSAM per GJ	\$0.199	\$0.000	\$0.199
6	<b>Subtotal Delivery Margin Related Charges per GJ</b>	<b>\$4.201</b>	<b>\$0.433</b>	<b>\$4.634</b>
7				
8				
9	<u>Commodity Related Charges</u>			
10	Storage and Transport per GJ	\$0.019	\$0.000	\$0.019
11	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.552	\$0.000	\$1.552
12	<b>Subtotal of Commodity Related Charges per GJ</b>	<b>\$1.571</b>	<b>\$0.000</b>	<b>\$1.571</b>

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY  
 PROPOSED JANUARY 1, 2020 RATES  
 BCUC ORDERS G-171-18

APPENDIX B2  
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 SCHEDULE 3

<b>RATE SCHEDULE 3: LARGE COMMERCIAL SERVICE</b>		<b>JANUARY 1, 2019 PROPOSED RATES</b>	<b>DELIVERY MARGIN RELATED CHARGES CHANGES</b>	<b>JANUARY 1, 2020 PROPOSED RATES</b>
Line No.	Particulars (1)	<b>Fort Nelson</b> (2)	<b>Fort Nelson</b> (3)	<b>Fort Nelson</b> (4)
1	<u>Delivery Margin Related Charges</u>			
2	<b>Basic Charge per Day</b>	<b>\$3.6845</b>	<b>\$0.0000</b>	<b>\$3.6845</b>
3				
4	Delivery Charge per GJ	\$3.492	\$0.329	\$3.821
5	Rider 5 RSAM per GJ	\$0.199	\$0.000	\$0.199
6	<b>Subtotal Delivery Margin Related Charges per GJ</b>	<b>\$3.691</b>	<b>\$0.329</b>	<b>\$4.020</b>
7				
8				
9	<u>Commodity Related Charges</u>			
10	Storage and Transport per GJ	\$0.019	\$0.000	\$0.019
11	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.552	\$0.000	\$1.552
12	<b>Subtotal of Commodity Related Charges per GJ</b>	<b>\$1.571</b>	<b>\$0.000</b>	<b>\$1.571</b>

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY  
 PROPOSED JANUARY 1, 2020 RATES  
 BCUC ORDERS G-171-18

APPENDIX B2  
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 SCHEDULE 5

RATE SCHEDULE 5 GENERAL FIRM SERVICE		JANUARY 1, 2019 PROPOSED RATES	DELIVERY MARGIN RELATED CHARGES CHANGES	JANUARY 1, 2020 PROPOSED RATES
Line No.	Particulars	Fort Nelson	Fort Nelson	Fort Nelson
	(1)	(2)	(3)	(4)
1	<u>Delivery Margin Related Charges</u>			
2	Basic Charge per Month	\$600.00	\$0.00	\$600.00
3				
4	Demand Charge per Month per GJ	\$31.785	\$2.664	\$34.449
5				
6	Delivery Charge per GJ	\$1.053	\$0.088	\$1.141
7	Rider 5 RSAM per GJ	\$0.199	\$0.000	\$0.199
8	Subtotal Delivery Margin Related Charges per GJ	<b>\$1.252</b>	<b>\$0.088</b>	<b>\$1.340</b>
9				
10	<u>Commodity Related Charges</u>			
11	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.552	\$0.000	\$1.552
12	Storage and Transport per GJ	\$0.019	\$0.000	\$0.019
13	Subtotal of Commodity Related Charges per GJ	<b>\$1.571</b>	<b>\$0.000</b>	<b>\$1.571</b>
14				
15				
16				
17				
18	Total Variable Cost per gigajoule	<u>\$2.823</u>	<u>\$0.088</u>	<u>\$2.911</u>

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY  
 PROPOSED JANUARY 1, 2020 RATES  
 BCUC ORDERS G-171-18

APPENDIX B2  
 PAGE 5  
 SCHEDULE 6

<b>RATE SCHEDULE 6: NATURAL GAS VEHICLE SERVICE</b>		<b>JANUARY 1, 2019 PROPOSED RATES</b>	<b>DELIVERY MARGIN RELATED CHARGES CHANGES</b>	<b>JANUARY 1, 2020 PROPOSED RATES</b>
Line No.	Particulars	<b>Fort Nelson</b>	<b>Fort Nelson</b>	<b>Fort Nelson</b>
	(1)	(2)	(3)	(4)
1	<u>Delivery Margin Related Charges</u>			
2	<b>Basic Charge per Day</b>	\$2.0041	\$0.0000	\$2.0041
3				
4	<b>Delivery Charge per GJ</b>	\$3.016	\$0.382	\$3.398
5				
6				
7	<u>Commodity Related Charges</u>			
8	Cost of Gas (Commodity Cost Recovery Charge) per GJ	\$1.552	\$0.000	\$1.552
9	Storage and Transport per GJ	\$0.019	\$0.000	\$0.019
10	<b>Subtotal of Commodity Related Charges per GJ</b>	<b>\$1.571</b>	<b>\$0.000</b>	<b>\$1.571</b>
11				
12				
13				
14				
15	<b>Total Variable Cost per gigajoule</b>	<b>\$4.587</b>	<b>\$0.382</b>	<b>\$4.969</b>

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 CALCULATION OF CUSTOMERS' RATES AND TARIFF CONTINUITY  
 PROPOSED JANUARY 1, 2020 RATES  
 BCUC ORDERS G-171-18

APPENDIX B2  
 PAGE 6  
 SCHEDULE 25

RATE SCHEDULE 25 GENERAL FIRM TRANSPORTATION SERVICE		JANUARY 1, 2019 PROPOSED RATES	DELIVERY MARGIN RELATED CHARGES CHANGES	JANUARY 1, 2020 PROPOSED RATES
Line No.	Particulars	Fort Nelson	Fort Nelson	Fort Nelson
	(1)	(2)	(3)	(4)
1	<u>Delivery Margin Related Charges</u>			
2	<b>Basic Charge per Month</b>	\$600.00	\$0.00	\$600.00
3				
4	<b>Demand Charge per Month per GJ</b>	\$31.785	\$2.664	\$34.449
5				
6	<b>Delivery Charge per GJ</b>	\$1.053	\$0.088	\$1.141
7				
8	<b>Administration Charge per Month</b>	\$39.00	\$0.00	\$39.00
9				
10	<b>Rider 5 RSAM per GJ</b>	\$0.199	\$0.000	\$0.199
11				
12	<u>Non-Standard Charges</u>			
13	<b>Unauthorized Ovrerrun Gas Charges</b>			
14	Per Gigajoule on first 5 percent of specified quantity	Station 2 Daily Price	\$0.00	Station 2 Daily Price
15		The greater of \$20.00/GJ or 1.5 x the		The greater of \$20.00/GJ or 1.5 x the
16	Per Gigajoule on all Gas over 5 percent of specified quantity	Station 2 Daily Price	\$0.00	Station 2 Daily Price
17				
18	<b>Charge per Gigajoule of Balancing Service provided</b>			
19	Quantities of Gas less than 10% of the Rate Schedule 25			
20	Authorized Quantity	No charge	\$0.00	No charge
21	Quantities of Gas over the greater of 100 Gigajoules or equal			
22	to or in excess of 10% or less than 20% of the Rate Schedule			
23	25 Authorized Quantity	\$0.25	\$0.00	\$0.25
24	Quantities of Gas over the greater of 100 Gigajoules or equal			
25	to or in excess of 20% of the Rate Schedule 25 Authorized			
26	Quantity			
27	(i) between and including April 1 and Oct 31	\$0.30	\$0.00	\$0.30
28	(ii) between and including Nov 1 and March 31	\$1.10	\$0.00	\$1.10
29				
30				
31	<b>Charge per Gigajoule of Balancing and/or Backstopping Gas</b>	Station 2 Daily Price	\$0.00	Station 2 Daily Price
32				
33				
34				
35				
36	Total Variable Cost per gigajoule	\$1.252	\$0.088	\$1.340

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 DELIVERY MARGIN RELATED CHARGES CHANGES  
 BCUC ORDERS G-171-18  
**RATE SCHEDULE 1 - RESIDENTIAL SERVICE**

Line No.	Particular	JANUARY 1, 2019 PROPOSED RATES			PROPOSED JANUARY 1, 2020 RATES			Annual Increase/Decrease		
		Quantity	Rate	Annual \$	Quantity	Rate	Annual \$	Rate	Annual \$	% of Previous Total Annual Bil
1	<b>FORT NELSON SERVICE AREA</b>									
2	<u>Delivery Margin Related Charges</u>									
3	Basic Charge per Day	365.25	days x \$0.3701	= \$135.18	365.25	days x \$0.3701	= \$135.18	\$0.0000	\$0.00	0.00%
4										
5	Delivery Charge per GJ	125.0	GJ x \$3.712	= 464.0000	125.0	GJ x \$4.097	= 512.1250	\$0.385	48.1250	5.87%
6	Rider 5 RSAM per GJ	125.0	GJ x \$0.199	= 24.8750	125.0	GJ x \$0.199	= 24.8750	\$0.000	0.0000	0.00%
7	Subtotal Delivery Margin Related Charges			<u>\$624.06</u>			<u>\$672.18</u>		<u>\$48.12</u>	<u>5.87%</u>
8										
9	<u>Commodity Related Charges</u>									
10	Storage and Transport per GJ	125.0	GJ x \$0.019	= \$2.38	125.0	GJ x \$0.019	= \$2.38	\$0.000	\$0.00	0.00%
11										
12	Cost of Gas (Commodity Cost Recovery Charge) per GJ	125.0	GJ x \$1.552	= \$194.00	125.0	GJ x \$1.552	= \$194.00	\$0.000	\$0.00	0.00%
13	Subtotal Commodity Related Charges			<u>\$196.38</u>			<u>\$196.38</u>		<u>\$0.00</u>	<u>0.00%</u>
14										
15	Total (with effective \$/GJ rate)	125.0	\$6.564	<u>\$820.44</u>	125.0	\$6.948	<u>\$868.56</u>	\$0.385	<u>\$48.12</u>	<u>5.87%</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

<sup>1</sup> Pursuant to Commission Orders and Decisions G-4-18 and G-135-18 of the 2016 FEI Rate Design Application.

FORTISBC ENERGY INC. - FORT NELSON SERVICE AREA  
 DELIVERY MARGIN RELATED CHARGES CHANGES  
 BCUC ORDERS G-171-18  
**RATE SCHEDULE 2 - SMALL COMMERCIAL SERVICE**

Line No.	Particular	JANUARY 1, 2019 PROPOSED RATES			PROPOSED JANUARY 1, 2020 RATES			Annual Increase/Decrease				
		Quantity	Rate	Annual \$	Quantity	Rate	Annual \$	Rate	Annual \$	% of Previous Total Annual Bill		
1	<b>FORT NELSON SERVICE AREA</b>											
2	<u>Delivery Margin Related Charges</u>											
3	Basic Charge per Day	365.25	days x	\$1.2151 =	\$443.82	365.25	days x	\$1.2151 =	\$443.82	\$0.0000	\$0.00	0.00%
4												
5	Delivery Charge per GJ	350.0	GJ x	\$4.002 =	1,400.7000	350.0	GJ x	\$4.435 =	1,552.2500	\$0.433	151.5500	6.15%
6	Rider 5 RSAM per GJ	350.0	GJ x	\$0.199 =	69.6500	350.0	GJ x	\$0.199 =	69.6500	\$0.000	0.0000	0.00%
7	Subtotal Delivery Margin Related Charges				<u>\$1,914.17</u>				<u>\$2,065.72</u>		<u>\$151.55</u>	<u>6.15%</u>
8												
9	<u>Commodity Related Charges</u>											
10	Storage and Transport per GJ	350.0	GJ x	\$0.019 =	\$6.65	350.0	GJ x	\$0.019 =	\$6.65	\$0.000	\$0.00	0.00%
11												
12	Cost of Gas (Commodity Cost Recovery Charge) per GJ	350.0	GJ x	\$1.552 =	\$543.20	350.0	GJ x	\$1.552 =	\$543.20	\$0.000	\$0.00	0.00%
13	Subtotal Commodity Related Charges				<u>\$549.85</u>				<u>\$549.85</u>		<u>\$0.00</u>	<u>0.00%</u>
14												
15	Total (with effective \$/GJ rate)	<u>350.0</u>		\$7.040	<u>\$2,464.02</u>	<u>350.0</u>		\$7.473	<u>\$2,615.57</u>	\$0.433	<u>\$151.55</u>	<u>6.15%</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. - FORT NELSON SERVICE AREA  
 DELIVERY MARGIN RELATED CHARGES CHANGES  
 BCUC ORDERS G-171-18  
**RATE SCHEDULE 3 - LARGE COMMERCIAL SERVICE**

Line No.	Particular	JANUARY 1, 2019 PROPOSED RATES			PROPOSED JANUARY 1, 2020 RATES			Annual Increase/Decrease		
		Quantity	Rate	Annual \$	Quantity	Rate	Annual \$	Rate	Annual \$	% of Previous Total Annual Bil
1	<b>FORT NELSON SERVICE AREA</b>									
2	<u>Delivery Margin Related Charges</u>									
3	Basic Charge per Day	365.25	days x	\$3.6845 =	\$1,345.76	365.25	days x	\$3.6845 =	\$1,345.76	\$0.0000      \$0.00      0.00%
4										
5	Delivery Charge per GJ	3,165.0	GJ x	\$3.492 =	11,052.1800	3,165.0	GJ x	\$3.821 =	12,093.4650	\$0.329      1,041.2850      5.78%
6	Rider 5 RSAM per GJ	3,165.0	GJ x	\$0.199 =	629.8350	3,165.0	GJ x	\$0.199 =	629.8350	\$0.000      0.0000      0.00%
7	Subtotal Delivery Margin Related Charges				<b>\$13,027.78</b>				<b>\$14,069.06</b>	<b>\$1,041.28</b> <b>5.78%</b>
8										
9	<u>Commodity Related Charges</u>									
10	Storage and Transport per GJ	3,165.0	GJ x	\$0.019 =	\$60.14	3,165.0	GJ x	\$0.019 =	\$60.14	\$0.000      \$0.00      0.00%
11										
12	Cost of Gas (Commodity Cost Recovery Charge) per GJ	3,165.0	GJ x	\$1.552 =	\$4,912.08	3,165.0	GJ x	\$1.552 =	\$4,912.08	\$0.000      \$0.00      0.00%
13	Subtotal Commodity Related Charges				<b>\$4,972.22</b>				<b>\$4,972.22</b>	<b>\$0.00</b> <b>0.00%</b>
14										
15	Total (with effective \$/GJ rate)	3,165.0		\$5.687	<b>\$18,000.00</b>	3,165.0		\$6.016	<b>\$19,041.28</b>	\$0.329 <b>\$1,041.28</b> <b>5.78%</b>

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. - FORT NELSON SERVICE AREA  
 DELIVERY MARGIN RELATED CHARGES CHANGES  
 BCUC ORDERS G-4-18 G-135-18  
**RATE SCHEDULE 25 - GENERAL FIRM TRANSPORTATION SERVICE**

Line No.	Particular	JANUARY 1, 2019 PROPOSED RATES			PROPOSED JANUARY 1, 2020 RATES			Annual Increase/Decrease				
		Quantity	Rate	Annual \$	Quantity	Rate	Annual \$	Rate	Annual \$	% of Previous Total Annual Bil		
1	<b>FORT NELSON SERVICE AREA</b>											
2	<u>Delivery Margin Related Charges</u>											
3	Basic Charge per Month	12 months x	\$600.00	=	<b>\$7,200.00</b>	12 months x	\$600.00	=	<b>\$7,200.00</b>	\$0.00	<b>\$0.00</b>	<b>0.00%</b>
4												
5	Administration Charge per Month	12 months x	\$39.00	=	<b>\$468.00</b>	12 months x	\$39.00	=	<b>\$468.00</b>	\$0.00	<b>\$0.00</b>	<b>0.00%</b>
6												
7	Demand Charge per Month per GJ	292.7 GJ x	\$31.785	=	<b>\$111,641.63</b>	292.7 GJ x	\$34.449	=	<b>\$120,998.67</b>	\$2.664	<b>\$9,357.04</b>	<b>5.46%</b>
8												
9	Delivery Charge per GJ	41,500.0 GJ x	\$1.053	=	\$43,699.5000	41,500.0 GJ x	\$1.141	=	\$47,351.5000	\$0.088	\$3,652.0000	2.13%
10	Rider 5 RSAM per GJ	41,500.0 GJ x	\$0.199	=	8,258.5000	41,500.0 GJ x	\$0.199	=	8,258.5000	\$0.000	0.0000	0.00%
11	Subtotal Delivery Margin Related Charges				<b>\$51,958.00</b>				<b>\$55,610.00</b>		<b>\$3,652.00</b>	<b>2.13%</b>
12												
13	Total (with effective \$/GJ rate)	41,500.0	\$4.127		<b>\$171,267.63</b>	41,500.0	\$4.440		<b>\$184,276.67</b>	\$0.313	<b>\$13,009.04</b>	<b>7.60%</b>

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

**Appendix C**

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**DRAFT ORDER - BLACKLINED**

**EVIDENTIARY UPDATE, DATED NOVEMBER 19, 2018**



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**ORDER NUMBER**  
**G-xx-xx**

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

and

FortisBC Energy Inc.  
Application for Approval of 2019-2020 Revenue Requirements and Rates  
for the Fort Nelson Service Area

**BEFORE:**  
[Panel Chair]  
Commissioner  
Commissioner

on **Date**

**ORDER**

**WHEREAS:**

- A. On September 4, 2018, FortisBC Energy Inc. (FEI) submitted its 2019-2020 Revenue Requirements and Rates Application for the Fort Nelson Service Area (Application) with the British Columbia Utilities Commission (Commission) pursuant to sections 45, 46, 59 to 61, and 89 of the *Utilities Commission Act (UCA)*, seeking, among other things, Commission approval of delivery rates for 2019 and 2020 (Test Period);
- B. Based on the forecast energy demand in the Fort Nelson Service Area, the forecast revenue at the 2018 approved rates from FEI’s 2016 Rate Design Application (RDA) for the Fort Nelson Service Area per Commission Order G-135-18 is not sufficient to recover the cost to serve the Fort Nelson Service Area over the Test Period;
- C. FEI has calculated a revenue deficiency of \$102 thousand in 2019 and a further revenue deficiency of \$180 thousand in 2020, which would result in a delivery rate increase of approximately 4.41 percent in 2019 and a further delivery rate increase of approximately 8.25 percent in 2020;
- D. In the Application, FEI sought approval of an interim, refundable delivery rate increase of 4.37 percent effective January 1, 2019, and approval of an interim Revenue Stabilization Adjustment Mechanism (RSAM) Rate Rider of \$0.199 per GJ effective January 1, 2019;
- E. On September 13, 2018, the Commission issued Order G-171-18 approving interim rates, on a refundable basis, as applied for, effective January 1, 2019;

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F. In the Application, FEI sought approvals as follows:

1. a permanent delivery rate increase of 4.41 percent effective January 1, 2019, to recover the forecast revenue deficiency of \$102 thousand in 2019;
2. a permanent delivery rate increase of 8.25 percent (cumulative increase of 12.66 percent over the Test Period), effective January 1, 2020, to recover the forecast revenue deficiency of \$180 thousand in 2020 (cumulative \$282 thousand over the Test Period);
3. the setting of the RSAM rate rider to \$0.199 per GJ (a decrease of \$0.192 per GJ compared to 2018) on a permanent basis, effective January 1, 2019, as set out in Section 3.4, Table 3-3;
4. the following deferral account requests:
  - i. Creation of a rate base deferral account for the 2019-2020 Revenue Requirement Application costs with an amortization period of two years beginning 2019;
  - ii. The amortization of the 2017 Rate Design Application deferral account approved in Commission Order G-162-16 over a five-year period beginning in 2019; and
  - iii. Continue to delay disposition of the non-rate base Fort Nelson First Nation Right-of-Way Agreement deferral account to the next revenue requirement proceeding.
5. A Certificate of Public Convenience and Necessity (CPCN) for an extension of FEFN's distribution system resulting from its purchase of the gas distribution assets of the Prophet River First Nation as described in Section 10, with 53 residential and six commercial properties currently attached to the system (the Prophet River Extension).

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G. The Commission has reviewed and considered the Application and determines that the Application should be approved.

**NOW THEREFORE** the Commission orders as follows:

1. FortisBC Energy Inc.'s requested delivery rate increases of 4.41 percent effective January 1, 2019 and 8.25 percent effective January 1, 2020 for the Fort Nelson Service Area are approved on a permanent basis.
2. The RSAM rate rider is approved on a permanent basis at \$0.199 per GJ effective January 1, 2019.
3. The following deferral account requests are approved, as described in Section 8.4:
  - a. The creation of a rate base deferral account for the 2019-2020 Revenue Requirement Application costs with an amortization period of two years beginning 2019;
  - b. The amortization of the 2017 Rate Design Application deferral account approved in Commission Order G-162-16 over a five-year period beginning in 2019; and
  - c. The delay of the disposition of the non-rate base Fort Nelson First Nation Right-of-Way Agreement deferral account to the next revenue requirement proceeding.

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4. FEI is granted a CPCN for the Prophet River Extension.

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

BY ORDER

(X. X. last name)  
Commissioner