BC Hydro
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February 26, 2016

Ms. Laurel Ross
Acting Commission Secretary
British Columbia Utilities Commission
Sixth Floor – 900 Howe Street
Vancouver, BC V6Z 2N3

Dear Ms. Ross:

RE: British Columbia Utilities Commission (BCUC or Commission)
British Columbia Hydro and Power Authority (BC Hydro)
F2017 to F2019 Revenue Requirements Application
Request for Interim F2017[1] Rates

BC Hydro applies to the Commission for approval to amend BC Hydro's rate schedules effective April 1, 2016, and on an interim basis, pending a final Commission decision regarding BC Hydro's revenue requirements.

BC Hydro normally files a complete revenue requirements application with the Commission by the end of February, approximately a month before the beginning of BC Hydro's fiscal year on April 1. We have been working to prepare a revenue requirements application covering the three years of F2017 to F2019 for filing this month, however recent events have created the need for us to re-evaluate and reconsider our forecasts used in the determination of our revenue requirements.

While BC Hydro continues to forecast long-term demand growth across all customer classes, driven by factors such as an expected population increase of over 1 million people over the next 20 years, in certain sectors, our industrial customers have very recently been faced with significant declines in prices for the commodities they produce. There have also been more recent developments with respect to liquefied natural gas load including the announcement of the delay of a final investment decision on a liquefied natural gas project. Additionally, on February 5, 2016 the Government of British Columbia announced a program to allow mining companies to defer a portion of their electricity payments, to help mines remain in operation.

BC Hydro believes these changes will have a material impact on the load and revenue forecasts and other financial projections underpinning our revenue requirements. We are undertaking a comprehensive review and expect an updated forecast of revenue requirements to be completed in summer.

[1] BC Hydro's fiscal year runs from April 1 to March 31, meaning that fiscal 2017 is the period from April 1, 2016 to March 31, 2017. In this application BC Hydro will use the abbreviation F2017 (to refer to fiscal 2017), F2018 and F2019.

In order to ensure an effective and efficient process for the review of our F2017 to F2019 Revenue Requirements Application that is conducted on the basis of forecasts and other information taking into account these recent events, we propose to submit a complete F2017 to F2019 Revenue Requirements Application in summer 2016.

The rate increases that will be applied for in the F2017 to F2019 Revenue Requirements Application are 4.0 per cent, 3.5 per cent and 3.0 per cent for F2017, F2018 and F2019 respectively, consistent with the rate caps set out in the Ten Year Rates Plan for the period of the upcoming F2017 - F2019 Revenue Requirements Application.

BC Hydro continues to have among the lowest rates of electric utilities in North America, and is on track to meet the goals set out in the Ten Year Rates Plan to keep rate increases low and predictable while investments are made in aging infrastructure and new power projects to support a growing population and economy. A discussion of the Ten Year Rates Plan will be included in the F2017 - F2019 Revenue Requirements Application.

At this time BC Hydro is requesting that the Commission approve an interim rate increase of 4.0 per cent effective April 1, 2016. A draft order for this request is provided in **Appendix A** to this application.

BC Hydro submits the following in support of this request, beginning with a discussion of background, followed by the need for the interim rate increase, regulatory context and ending with our conclusion.

Background for the Application

BC Hydro is a Crown corporation established in 1964 under the *Hydro and Power Authority Act*. BC Hydro is the third largest electric utility in Canada with a customer base serving 95 per cent of British Columbia's population in a service area that encompasses most of British Columbia with the exception of the City of New Westminster (which provides its own service) and the south-central part of the province served by FortisBC Inc.

BC Hydro serves 4 million people and businesses through 1.9 million customer accounts and our system of generation facilities and transmission and distribution lines includes 30 hydroelectric generating stations, two natural gas-fired generating facilities, one combustion turbine station and a number of Independent Power Producer projects with whom BC Hydro contracts.

BC Hydro delivers its electricity over 78,000 kilometers of transmission and distribution lines:

- The transmission system includes facilities used to transmit electricity, at voltages between 69 and 500 kilovolts; and
- The distribution system includes electrical lines, cables, transformers and switches used to distribute electricity from substations to customers, at voltages lower than 69 kilovolts.

The peak demand on BC Hydro's integrated system in F2015 was 9,441 megawatts, which includes sales by BC Hydro to other utilities such as City of New Westminster and FortisBC. The total integrated system gross energy requirement, including sales by BC Hydro to other utilities, was 55,345 Gigawatt Hours in F2015. The off-grid Non-Integrated Areas demand adds another 328 Gigawatt Hours resulting in 55,674 Gigawatt Hours of total gross requirement.

BC Hydro's powers and our mandate to generate, conserve, acquire and supply electricity are set out in the *Hydro and Power Authority Act*. As a provincial Crown corporation, the owner and sole shareholder of BC Hydro is the Province of British Columbia. BC Hydro reports to the Government of British Columbia through the Minister of Energy and Mines.

As discussed above, BC Hydro has been working to prepare our F2017 to F2019 Revenue Requirements Application. We will file our complete application requesting the rate increases noted above in summer after we have completed our update. The application will include a fulsome explanation of our energy forecast, operating costs, capital expenditures, regulatory accounts, conservation and energy management expenditures, amortization and financing charges and our updated load and revenue forecast.

Over the past several years BC Hydro has continued to rebuild and rehabilitate our aging assets, while taking aggressive measures to reduce operating costs and reallocating existing resources to new priorities. We are a more efficient organization. We also have an ambitious capital plan to deliver on and have reorganized to consolidate our project delivery expertise in order to deliver our capital projects. All of these matters will be discussed in the F2017 to F2019 Revenue Requirements Application.

Need for Interim Rate Increase

Consistent with the development of previous revenue requirements applications, we have been basing our financial projections on our most recent load forecast, which was created in October 2015. Based on these forecasts and financial projections, BC Hydro's anticipated revenue requirement in F2017 is greater than the revenue that will be acquired with the requested 4.0 per cent rate increase. The current forecast revenue shortfall for F2017 is $250.3 million compared to the original Ten Year Rates Plan forecast of $333 million. Directionally, the recent developments noted above will reduce forecast loads and revenues and increase the forecast revenue shortfall, all other things being equal. Consistent with the Ten Year Rates Plan, BC Hydro is planning to transfer the F2017 revenue shortfall to the rate smoothing account, which is on track to be paid down to zero by the end of the Ten Year Rates Plan in F2024.

Without the revenue shortfall being transferred to the rate smoothing account, BC Hydro is forecasting that a rate increase of 9.7 per cent would be required in order to recover our forecast F2017 revenue requirements. The following table provides a summary of the components of BC Hydro's F2017 revenue requirements, and the basis for the calculated rate increase of 9.7 per cent.

	($ million)	F2017 Plan
		2
1	Cost of Energy	1,680.4
2	Operating Costs	1,237.9
3	Taxes	224.0
4	Amortization	777.2
5	Finance Charges	718.6
6	Return on Equity	692.3
7	Non-Tariff Revenue	(131.2)
8	Inter-Segment Revenue	(61.1)
9	Deferral Account Transfers	195.3
10	Other Regulatory Account Transfers[1]	(122.9)
11	Subsidiary Net Income	(121.7)
12	Other Revenue	(34.8)
13	Deferral Rider Revenue	(228.7)
14	Rate Revenue Requirement[2]	4,825.3
15	Less Revenue at approved F2016 Rates	(4,398.9)
16	Less Revenue from proposed F2017 Rate Increase	(176.0)
17	Revenue Shortfall (to Rate Smoothing Regulatory Account)	250.3
18	Annualized Rate Increase	4.00%
19	Deferral Account Rate Rider	5.00%
20	Net Bill Increase	4.00%
21	Estimated Rate Increase (without 4.00% cap)	9.70%

[1] Excludes transfers to the Rate Smoothing Regulatory Account
[2] Before transfers to the Rate Smoothing Regulatory Account

The F2017 Revenue Requirements Model in **Appendix B** (provided on an abridged basis) shows, in a format substantially consistent with previous BC Hydro revenue requirements applications and in accordance with Direction No. 7 to the Commission (discussed below), key elements of BC Hydro's cost structure in F2017.

Regulatory Context

In 2014, the Government of British Columbia enacted a new regulatory framework regarding the Commission's oversight of BC Hydro's rates through Direction No. 6, Direction No. 7 and Order in Council No. 095/2014.

Direction No. 7 applies to the Commission's regulation of BC Hydro's rates going forward, including for the F2017 period addressed in this application. A number of the provisions of Direction No. 7 are summarised below. A more complete discussion of the regulatory context including Direction No. 6, Direction No. 7 and Order in Council No. 095/2014, is provided in **Appendix C**. Direction No. 7 provides that:

- BC Hydro's rates for F2017 must not be increased by more than 4 per cent, on average, compared to the rates in effect before the increase;[2]
- The Commission must order BC Hydro to defer to the Rate Smoothing Regulatory Account the portion of BC Hydro's allowed revenue requirement for F2017 that is forecast not to be recovered by the rates set in accordance with the rule above;[3] and
- The deferral account rate rider remains at 5 per cent.[4]

Direction No. 7 was issued pursuant to section 3(1) of the *Utilities Commission Act*. Section 3(2) of the *Utilities Commission Act* provides that the Commission must comply with a direction issued under subsection 3(1) despite any other provision of the *Utilities Commission Act*, the *Clean Energy Act*, the regulations under either of those Acts, and any previous Commission decision.

BC Hydro recognizes that this application and the full Revenue Requirements Application to be filed this summer are similar in some respects to the F2007/F2008 Revenue Requirements Application, in which BC Hydro also submitted an application to make its rates interim, followed by a full revenue requirements application at a later date. In Order No. G-70-06 regarding that proceeding, the Commission addressed several matters of concern including implications of a delay in rate-setting and the obligation of utilities to contribute to an efficient and effective regulatory process by filing revenue requirement applications at least 30 days before any requested rate increase. BC Hydro considers that there are substantial differences between this application and the F2007/F2008 Revenue Requirements Application, and believes we have fully addressed in this application the concerns raised by the Commission in Order No. G-70-06. This matter is discussed in more detail in Appendix C.

Conclusion

For all of the reasons set out in this application, pursuant to section 9(1) of Direction No. 7, sections 58 to 60, 89 and 90 of the *Utilities Commission Act*, and section 15 of the *Administrative Tribunals Act*, BC Hydro requests that the Commission approve an interim average rate increase of 4.0 per cent effective April 1, 2016. BC Hydro respectfully requests that the Commission issue its order by Monday, March 28, 2016 in order to allow time to update our billing system to reflect the decision.

Appendix D to this application provides a table showing the current approved F2016 rates and the application of the average 4.0 per cent increase to those rates to produce the applied for interim F2017 rates, and also explains how recent Commission decisions regarding BC Hydro rate structures have been reflected in the applied for F2017 rates.

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2 Direction No. 7, section 9(1).

3 Direction No. 7, section 9(2).

4 Direction No. 7, section 10.

Appendix E to this application provides:

- One black-lined copy of the tariff pages; and
- Two clean copies of the tariff pages. One copy for the Commission's records and one for stamping and return to BC Hydro.

Once BC Hydro submits the complete F2017 to F2019 Revenue Requirements Application, a full public review of the Application can be conducted by the Commission in an effective and efficient manner on the basis of forecasts and other information taking into account the recent events noted above.

Finally, BC Hydro is anticipating a methodological review of the framework for reviewing our capital expenditures as part of the F2017 to F2019 Revenue Requirements Application proceeding. If the Commission is of the view there is merit in commencing a review prior to the submission of the F2017 to F2019 Revenue Requirements Application, BC Hydro would be supportive.

For further information, please contact Fred James at 604-623-4317 or by email at bchydroregulatorygroup@bchydro.com.

Yours sincerely,

Tom Loski
Chief Regulatory Officer

fj/ma

Enclosure

Copy to: BCUC Project No. 3698622 (F2012 to F2014 Revenue Requirements Application) Registered Intervener Distribution List.

BCUC Project No. 3698781 (2015 Rate Design Application) Registered Intervener Distribution List.

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F2017 to F2019 Revenue Requirements Application
Request for Interim F2017 Rates

Appendix A

Draft Order

BRITISH COLUMBIA UTILITIES COMMISSION

ORDER NUMBER G-

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IN THE MATTER OF
the Utilities Commission Act, R.S.B.C. 1996, Chapter 473

and

Application by British Columbia Hydro and Power Authority (BC Hydro)
F2017 to F2019 Revenue Requirements Application

BEFORE:

, 2016

ORDER

WHEREAS:

A. BC Hydro filed on February 26, 2016 with the British Columbia Utilities Commission (Commission), pursuant to section 9(1) of Direction No. 7 to the British Columbia Utilities Commission (Direction No. 7), sections 58 to 60, 89 and 90 of the *Utilities Commission Act*, and section 15 of the *Administrative Tribunals Act*, an application for approval of an interim refundable rate increase of 4.0 percent effective April 1, 2016 (the Application);

B. In the Application BC Hydro submitted information that on the basis of its most recent (October 2015) load and revenue forecasts and financial projections BC Hydro would need a rate increase of 9.7 per cent effective April 1, 2016 to have the opportunity to recover its forecast F2017 revenue requirements during the fiscal year, however, pursuant to section 9(1) of Direction No. 7, BC Hydro's rates for F2017 must not be increased by more than 4.0 per cent on average;

C. BC Hydro also advised that its October 2015 forecasts do not account for the impact to forecast industrial load resulting from recent declines in prices for the commodities certain BC Hydro industrial customers produce, the impact to forecast liquefied natural gas (LNG) facility load resulting from recent developments including an announcement to delay a LNG facility final investment decision, and additionally, they do not account for the Government of British Columbia's February 5, 2016 announcement of a program to allow mining companies to defer a portion of their electricity payments, to help mines remain in operation;

D. BC Hydro submitted that these changes have a material impact on the projections underpinning its revenue requirements, and that directionally the recent developments will reduce forecast loads and revenues and increase the forecast revenue shortfall other things being equal. BC Hydro indicated that it is updating its forecasts, however this information will not be complete until summer 2016;

BRITISH COLUMBIA UTILITIES COMMISSION

ORDER NUMBER G-

E. In the circumstances BC Hydro proposes to submit a complete revenue requirements application covering the F2017 to F2019 fiscal years of BC Hydro (F2017 to F2019 Revenue Requirements Application) in summer 2016, and seeks approval to increase its rates by 4.0 percent, on average, effective April 1, 2016 and on an interim and refundable basis pending the Commission's review and decision on the complete F2017 to F2019 Revenue Requirements Application;

F. BC Hydro requests that the Commission issue its order by March 28, 2016 to allow BC Hydro time to update its billing system to reflect the decision; and

G. The Commission has considered the Application and determined that approval is warranted.

NOW THEREFORE the Commission orders as follows:

1. The 4.0 percent interim increase in rates is approved for BC Hydro effective April 1, 2016, to be applied as set out in Appendix D of the Application and reflected on the Rate Schedules filed with the Application in Appendix E.

2. The Rate Schedules set out in Appendix E of the Application are accepted for filing.

3. The rates approved by this Order will remain interim and subject to refund with interest at BC Hydro's weighted average cost of debt until further Order of the Commission.

4. BC Hydro is to provide customers with notification of the interim rate increase as soon as is practicable.

5. The Commission will issue a procedural order for interested parties to make submissions regarding the process to review the F2017 to F2019 Revenue Requirements Application, and to register as interveners and interested parties, after BC Hydro has filed its complete application.

6. BC Hydro is to provide a copy of this Commission Order to all parties who participated in the F2012-F2014 Revenue Requirements Application proceeding.

DATED at the City of Vancouver, in the Province of British Columbia, this day of , 2016.

BY ORDER

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F2017 to F2019 Revenue Requirements Application
Request for Interim F2017 Rates

Appendix B

F2017 Revenue Requirements Model
(Abridged)

Revenue Requirements Model
Version: Feb 19, 2016

Revenue Requirements Summary
($ million)

Line		Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
				1	2	3 = 2 - 1	4	5	6 = 5 - 4	7
1	**Cost of Energy**		3.0 L1	1,384.5	1,512.5	128.0	1,391.7	1,424.3	32.6	1,680.4
2	**Operating Costs**		3.0 L17	1,170.8	1,303.0	132.2	1,146.6	1,238.2	91.6	1,237.9
3	**Taxes**		3.0 L23	213.8	206.1	(7.7)	224.1	213.1	(11.0)	224.0
4	**Amortization**		3.0 L28	698.7	691.7	(7.0)	758.0	767.2	9.2	777.2
5	**Finance Charges**		3.0 L33	725.0	664.1	(60.9)	838.3	746.9	(91.4)	718.6
6	**Return on Equity**		3.0 L38	581.5	580.8	(0.7)	651.9	653.3	1.5	692.3
7	**Non-Tariff Revenue**		3.0 L42	(121.3)	(135.2)	(13.9)	(126.6)	(130.2)	(3.6)	(131.2)
8	**Inter-Segment Revenue**		3.0 L51	(52.6)	(50.6)	2.0	(53.5)	(62.3)	(8.8)	(61.1)
	Deferral Accounts									
9	Deferral Account Additions		2.1 L33	0.0	(309.8)	(309.8)	0.0	(185.8)	(185.8)	0.0
10	Interest on Deferral Accounts		2.1 L34	(30.2)	(30.6)	(0.4)	(23.8)	(37.7)	(13.9)	(33.5)
11	Deferral Account Recoveries		2.1 L35	208.4	198.1	(10.4)	223.0	214.7	(8.2)	228.7
12	Total			178.2	(142.3)	(320.5)	199.2	(8.8)	(207.9)	195.3
	Other Regulatory Accounts									
13	Regulatory Account Additions		2.2 L220	(359.0)	(489.3)	(130.3)	(310.3)	(404.3)	(94.0)	(276.2)
14	Interest on Regulatory Accounts		2.2 L221	(37.1)	(36.6)	0.5	(38.0)	(36.1)	1.9	(34.9)
15	Regulatory Account Recoveries		2.2 L222	124.5	197.8	73.2	132.9	227.4	94.6	(62.1)
16	Total			(271.6)	(328.1)	(56.5)	(215.4)	(212.9)	2.5	(373.3)
	Subsidiary Net Income									
17	Powerex Net Income			(110.0)	(120.1)	(10.1)	(110.0)	**(95.0)**	15.0	**(117.2)**
18	Powertech Net Income			(4.2)	(4.4)	(0.2)	(5.1)	**(4.5)**	0.6	**(4.5)**
19	Total			(114.2)	(124.5)	(10.3)	(115.1)	(99.5)	15.6	(121.7)
20	**Less Other Utilities Revenue**		14.0 L18	(16.2)	(18.6)	(2.4)	(16.5)	(18.0)	(1.5)	(12.9)
21	**Less Liquefied Natural Gas Revenue**		14.0 L19	0.0	0.0	0.0	0.0	(1.9)	(1.9)	(21.9)
22	**Less Deferral Rider**		14.0 L23	(208.4)	(198.1)	10.3	(223.0)	(214.7)	8.2	(228.7)
23	**Total Rate Revenue Requirement**			4,168.3	3,961.0	(207.3)	4,459.7	4,294.7	(164.9)	4,575.0
	Rate Revenue at Current Rates									
24	Total Domestic Revenue		14.0 L24	4,392.9	4,177.6	(215.3)	4,699.2	4,529.4	(169.7)	4,662.5
25	Less Other Utilities		Line 20	(16.2)	(18.6)	(2.4)	(16.5)	(18.0)	(1.5)	(12.9)
26	Less Liquefied Natural Gas Revenue		Line 21	0.0	0.0	0.0	0.0	(1.9)	(1.9)	(21.9)
27	Less Deferral Rider		Line 22	(208.4)	(198.1)	10.3	(223.0)	(214.7)	8.2	(228.7)
28	Revenue Subject to Rate Increase			4,168.3	3,961.0	(207.3)	4,459.7	4,294.7	(164.9)	4,398.9
29	**Revenue Shortfall**		Line 23 - 28	0.0	0.0		0.0	0.0		176.0
30	**Rate Increases**			9.00%	9.00%		6.00%	6.00%		4.00%
31	**Deferral Account Rate Rider**			5.00%	5.00%		5.00%	5.00%		5.00%
32	**Net Bill Impact**			9.00%	9.00%		6.00%	6.00%		4.00%

Deferral Accounts
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Heritage Deferral Account								
1	Beginning of Year		65.4	104.8	39.4	51.2	164.7	113.5	(18.8)
2	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	Additions	Line 41	0.0	81.7	81.7	0.0	(148.5)	(148.5)	0.0
4	Interest		2.4	4.5	2.1	1.9	2.9	1.0	(0.7)
5	Recovery		(16.6)	(26.2)	(9.6)	(17.7)	(37.9)	(20.2)	4.6
6	Transfer of GM Shrum 3	2.2 L67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	End of Year		51.2	164.7	113.5	35.4	(18.8)	(54.1)	(14.9)
	Non-Heritage Deferral Account								
8	Beginning of Year		386.3	361.6	(24.7)	302.6	524.1	221.5	748.4
9	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	Additions	Line 42	0.0	238.2	238.2	0.0	319.3	319.3	0.0
11	Interest		14.2	14.8	0.6	11.2	25.6	14.4	26.6
12	Recovery		(98.0)	(90.6)	7.4	(104.8)	(120.6)	(15.8)	(181.7)
13	Transfer of Storm Restoration	2.2 L47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	Transfer from BCTCDA		0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	End of Year		302.6	524.1	221.5	209.0	748.4	539.5	593.3
	Trade Income Deferral Account								
16	Beginning of Year		370.2	324.7	(45.5)	289.9	244.6	(45.3)	212.5
17	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	Additions	Line 43	0.0	(10.1)	(10.1)	0.0	15.0	15.0	0.0
19	Interest		13.6	11.3	(2.3)	10.7	9.2	(1.5)	7.6
20	Recovery		(93.9)	(81.3)	12.6	(100.4)	(56.3)	44.2	(51.6)
21	End of Year		289.9	244.6	(45.3)	200.2	212.5	12.3	168.4
	BCTC Deferral Account								
22	Beginning of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	Additions		0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	Interest		0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	Recovery		0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	Transfer to NHDA		0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	End of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	End of Year Balances								
28	Heritage	Line 7	51.2	164.7	113.5	35.4	(18.8)	(54.1)	(14.9)
29	Non-Heritage	Line 15	302.6	524.1	221.5	209.0	748.4	539.5	593.3
30	Trade Income	Line 21	289.9	244.6	(45.3)	200.2	212.5	12.3	168.4
31	BCTC	Line 27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	Total		643.7	933.4	289.7	444.5	942.1	497.6	746.9
	Summary								
33	Deferral Account Additions		0.0	309.8	309.8	0.0	185.8	185.8	0.0
34	Interest on Deferral Accounts		30.2	30.6	0.4	23.8	37.7	13.9	33.5
35	Deferral Account Recoveries		(208.4)	(198.1)	10.4	(223.0)	(214.7)	8.2	(228.7)
36	Transfer of GM Shrum 3	Line 6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	Transfer of Storm Restoration	Line 13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	Adjustment to Opening Balance	Line 2+9+17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	Deferral Account Net Transfers		(178.2)	142.3	320.5	(199.2)	8.8	207.9	(195.3)
40	**Interest Rate**	8.0 L107	4.21%	4.13%	(0.08%)	4.47%	4.10%	(0.37%)	4.05%

Schedule 2.1
Page 4

BC Hydro
F17-F19 RRA

Deferral Accounts
($ million)

Line		Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
	Column		1	2	3 = 2 - 1	4	5	6 = 5 - 4	7
	Summary of Items Subject to Deferral								
41	Heritage Payment Obligation	4.0 L77	353.2	434.9	81.7	399.2	250.7	(148.5)	392.5
42	Cost of Non-Heritage Energy	4.0 L82	1,074.3	1,312.5	238.2	1,032.2	1,351.5	319.3	1,323.0
43	Trade Income	1.0 L17	110.0	120.1	10.1	110.0	95.0	(15.0)	117.2

Other Regulatory Accounts
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Demand-Side Management								
1	Beginning of Year		820.6	787.8	(32.8)	897.8	841.4	(56.3)	909.4
2	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	Additions	5.0 L51	150.5	124.8	(25.7)	131.1	147.4	16.3	134.3
4	F11 RRA NSA Adjustment	5.0 L10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Amortization on Existing		(73.3)	(71.1)	2.2	(73.3)	**(79.4)**	(6.1)	**(89.2)**
6	Amortization on Additions		0.0	0.0	0.0	(10.0)	0.0	10.0	0.0
7	End of Year		897.8	841.4	(56.3)	945.6	909.4	(36.2)	954.5
	First Nations Costs								
8	Beginning of Year		174.9	173.0	(1.9)	174.2	151.2	(22.9)	138.3
9	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	Additions	5.0 L52	3.5	1.6	(1.9)	3.0	3.3	0.3	3.9
11	Transfer from Provision	Line 18	32.0	13.1	(18.9)	13.7	21.3	7.6	25.9
12	Interest		7.2	7.0	(0.2)	7.2	5.8	(1.4)	5.5
13	Recovery	5.0 L29	(43.5)	(43.5)	(0.0)	(43.2)	(43.3)	(0.1)	(34.9)
14	End of Year		174.2	151.2	(22.9)	154.8	138.3	(16.4)	138.7
	First Nations Settlement Provisions								
15	Beginning of Year		415.9	416.2	0.3	401.4	413.2	11.8	404.4
16	Additions - Operating	5.0 L93	0.0	1.4	1.4	0.0	(4.8)	(4.8)	(1.0)
17	Additions - Accretion	8.0 L55	17.5	8.6	(8.9)	17.7	17.3	(0.4)	17.2
18	Transfer to Negotiation Costs		(32.0)	(13.1)	18.9	(13.7)	**(21.3)**	(7.6)	**(25.9)**
19	End of Year		401.4	413.2	11.8	405.5	404.4	(1.1)	394.7
	F07/F08 RRA Depreciation Study								
20	Beginning of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	Additions	7.0 L27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	Recovery	7.0 L43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	End of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Site C Clean Energy Project								
24	Beginning of Year		361.6	338.0	(23.7)	376.9	418.7	41.8	435.8
25	Additions	5.0 L53	0.0	65.4	65.4	0.0	0.0	0.0	0.0
26	Interest		15.2	15.3	0.1	16.8	17.2	0.3	17.5
27	Recovery	5.0 L30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	End of Year		376.9	418.7	41.8	393.7	435.8	42.1	453.4
	Future Removal and Site Restoration								
29	Beginning of Year		(65.7)	(55.2)	10.5	(41.1)	(32.8)	8.3	(0.0)
30	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	Additions	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	Recovery	7.0 L50	24.6	22.4	(2.2)	31.2	32.8	1.6	0.0
33	End of Year		(41.1)	(32.8)	8.3	(9.9)	(0.0)	9.9	(0.0)
	Foreign Exchange Gains/Losses								
34	Beginning of Year		(96.1)	(88.8)	7.3	(94.4)	(70.8)	23.6	(67.8)
35	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	Additions	8.0 L50	1.0	17.7	16.7	(0.1)	3.9	4.0	0.2
37	Recovery	8.0 L78	0.7	0.3	(0.4)	0.7	(0.9)	(1.6)	(0.6)
38	End of Year		(94.4)	(70.8)	23.6	(93.8)	(67.8)	26.0	(68.2)

Other Regulatory Accounts
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Pre-1996 Customer Contributions								
39	Beginning of Year		81.1	81.1	0.0	87.4	87.4	(0.0)	92.1
40	Additions	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	Recovery	7.0 L51	6.3	6.3	(0.0)	4.7	4.7	0.0	(0.7)
42	End of Year		87.4	87.4	(0.0)	92.1	92.1	(0.0)	91.4
	Storm Restoration Costs								
43	Beginning of Year		(2.6)	(2.5)	0.1	(1.3)	7.9	9.2	17.1
44	Additions	5.0 L54	0.0	9.0	9.0	0.0	7.3	7.3	0.0
45	Interest		(0.1)	(0.0)	0.0	(0.0)	0.5	0.5	0.6
46	Recovery	5.0 L31	1.4	1.4	(0.0)	1.4	1.4	0.0	(6.3)
47	Transfer to NHDA		0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	End of Year		(1.3)	7.9	9.2	0.0	17.1	17.0	11.4
	Procurement Enhancement								
49	Beginning of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	Additions - Operating	5.0 L55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51	Additions - Amortization	7.0 L32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52	Interest		0.0	0.0	0.0	0.0	0.0	0.0	0.0
53	F11 RRA NSA Adjustment	5.0 L32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54	Recovery	5.0 L33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55	End of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Capital Project Investigation								
56	Beginning of Year		34.7	34.7	(0.0)	29.9	29.8	(0.0)	25.0
57	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
58	Additions	5.0 L56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59	Interest		0.0	0.0	0.0	0.0	0.0	0.0	0.0
60	Recovery	5.0 L34	(4.8)	(4.8)	0.0	(4.8)	(4.8)	0.0	(4.8)
61	End of Year		29.9	29.8	(0.0)	25.0	25.0	(0.0)	20.2
	GM Shrum 3								
62	Beginning of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
63	Additions - Deferred Operating	5.0 L57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64	Additions - COE	4.0 L75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65	Interest		0.0	0.0	0.0	0.0	0.0	0.0	0.0
66	Insurance Proceeds	4.0 L50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67	Transfer to HDA		0.0	0.0	0.0	0.0	0.0	0.0	0.0
68	End of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	F2010 ROE Adjustment								
69	Beginning of Year		11.3	11.3	0.0	0.0	0.0	0.0	0.0
70	Additions	9.0 L55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71	Interest	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72	Recovery	9.0 L56	(11.3)	(11.3)	0.0	0.0	0.0	0.0	0.0
73	End of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0

Other Regulatory Accounts
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Net Employment Costs								
74	Beginning of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
75	Additions	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76	Interest		0.0	0.0	0.0	0.0	0.0	0.0	0.0
77	Recovery	5.0 L35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78	End of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total Taxes								
79	Beginning of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	Additions	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81	Interest		0.0	0.0	0.0	0.0	0.0	0.0	0.0
82	Recovery	6.0 L30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83	End of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Amortization of Capital Additions								
84	Beginning of Year		(18.5)	(3.7)	14.9	(9.3)	(3.9)	5.5	9.5
85	Additions - Bad Debt	5.0 L63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86	Interest		(0.6)	(0.5)	0.1	(0.2)	0.1	0.3	0.3
87	Recovery	7.0 L57	9.8	0.3	(9.5)	9.4	13.3	3.9	(3.5)
88	End of Year		(9.3)	(3.9)	5.5	(0.1)	9.5	9.6	6.3
	Total Finance Charges								
89	Beginning of Year		(51.1)	(78.7)	(27.6)	(25.6)	(173.1)	(147.4)	(307.2)
90	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
91	Additions	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92	Interest	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93	Recovery	8.0 L80+81-51	25.5	(94.3)	(119.9)	25.5	(134.1)	(159.7)	102.4
94	End of Year		(25.6)	(173.1)	(147.4)	(0.1)	(307.2)	(307.1)	(204.8)
	Smart Metering & Infrastructure								
95	Beginning of Year		282.0	276.5	(5.5)	286.7	283.4	(3.3)	283.2
96	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
97	Additions - Deferred Operating	5.0 L58	28.4	22.7	(5.8)	21.5	25.0	3.5	0.0
98	Additions - Fibre Write-Off	5.0 L97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99	Additions - DSMD Write-Off	5.0 L98	0.0	9.1	9.1	0.0	0.0	0.0	0.0
100	Additions - Amortization	7.0 L28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101	Legacy Meter Contributions		0.0	0.0	0.0	0.0	0.0	0.0	0.0
102	Additions - Finance Charges	8.0 L52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103	Additions - ROE	9.0 L53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104	Additions - Non tariff revenues	15.0 L34	(4.8)	(5.4)	(0.6)	(3.4)	(5.3)	(2.0)	0.0
105	Interest		11.7	11.1	(0.7)	12.5	11.4	(1.1)	10.8
106	Recovery	5.0 L36	(30.5)	(30.5)	0.0	(31.3)	(31.3)	0.0	(32.6)
107	End of Year		286.7	283.4	(3.3)	286.0	283.2	(2.9)	261.4
	Home Purchase Option Plan								
108	Beginning of Year		22.2	22.1	(0.1)	11.1	11.0	(0.0)	(0.0)
109	Additions - Deferred Operating	5.0 L59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110	Additions - Interest	8.0 L53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111	Interest		0.7	0.7	0.0	0.2	0.2	(0.0)	(0.0)
112	Recovery	5.0 L37	(11.8)	(11.8)	0.0	(11.3)	(11.3)	0.0	0.0
113	End of Year		11.1	11.0	(0.0)	0.0	(0.0)	(0.0)	(0.0)

Other Regulatory Accounts
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Non-Current Pension Cost								
114	Beginning of Year		219.0	279.6	60.6	186.3	563.6	377.2	193.5
115	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
116	OCI Deferral	9.0 L8	0.0	264.5	264.5	0.0	(428.6)	(428.6)	0.0
117	Additions		0.0	0.0	0.0	0.0	17.2	17.2	0.0
118	Interest	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119	Recovery - Operating	5.0 L39	(32.6)	(32.6)	0.0	(15.5)	(15.5)	0.0	(17.9)
120	Recovery - Finance Charges	8.0 L79	0.0	52.1	52.1	0.0	56.8	56.8	0.0
121	End of Year		186.3	563.6	377.2	170.8	193.5	22.7	175.6
	Waneta								
122	Beginning of Year		15.0	15.0	0.0	0.0	0.0	0.0	0.0
123	Additions		0.0	0.0	0.0	0.0	0.0	0.0	0.0
124	Recovery		(15.0)	(15.0)	0.0	0.0	0.0	0.0	0.0
125	End of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Environmental Provisions								
126	Beginning of Year		294.9	316.6	21.7	239.1	352.3	113.2	373.4
127	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
128	Additions - Deferred Operating	5.0 L94	0.0	63.8	63.8	0.0	43.1	43.1	0.0
129	Additions - Amortization	7.0 L29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130	Additions - Accretion	8.0 L56	6.0	5.7	(0.3)	6.0	3.8	(2.2)	4.6
131	Transfer to Rock Bay		(46.4)	(20.3)	26.1	0.0	(4.4)	(4.4)	(4.2)
132	Transfer to Asbestos		(1.8)	(4.3)	(2.5)	(0.9)	(8.5)	(7.6)	(20.4)
133	Recovery	5.0 L102-105	(13.6)	(9.2)	4.5	(13.3)	(12.9)	0.4	(18.5)
134	End of Year		239.1	352.3	113.2	230.9	373.4	142.5	334.8
	Rock Bay Remediation								
135	Beginning of Year		52.4	49.4	(3.0)	49.4	20.4	(29.0)	(25.8)
136	Transfer from Environmental	Line 131	46.4	20.3	(26.1)	0.0	4.4	4.4	4.2
137	Additions		0.0	0.0	0.0	0.0	0.0	0.0	0.0
138	Interest		2.1	2.2	0.1	1.1	(0.1)	(1.2)	(0.9)
139	Recovery	5.0 L110	(51.5)	(51.5)	0.0	(50.5)	(50.5)	(0.0)	5.3
140	End of Year		49.4	20.4	(29.0)	0.0	(25.8)	(25.8)	(17.2)
	IFRS PP&E								
141	Beginning of Year		617.3	617.5	0.2	758.2	758.4	0.2	873.0
142	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
143	Additions - Deferred Operating	5.0 L60	156.8	156.8	0.0	134.4	134.4	0.0	112.0
144	Additions - IDC	8.0 L54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145	Interest	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146	Recovery	5.0 L40	(15.9)	(15.9)	(0.0)	(19.8)	(19.8)	0.0	(23.2)
147	End of Year		758.2	758.4	0.2	872.7	873.0	0.3	961.8
	IFRS Pension								
148	Beginning of Year		688.3	688.3	0.0	650.1	650.1	0.0	611.9
149	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	Additions	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151	Recovery	5.0 L41	(38.2)	(38.2)	0.0	(38.2)	(38.2)	0.0	(38.2)
152	End of Year		650.1	650.1	0.0	611.8	611.9	0.1	573.7

Other Regulatory Accounts
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	F12-F14 Rate Smoothing								
153	Beginning of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
154	Additions	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155	Recovery	5.0 L113	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156	End of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Arrow Water Divestiture Costs								
157	Beginning of Year		8.9	8.9	(0.0)	4.4	4.4	0.0	0.0
158	Additions	5.0 L95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.1	Transfer from Provision	Line 164.1	0.3	0.2	(0.1)	0.3	0.3	0.0	1.8
159	Interest		0.3	0.3	0.0	0.1	0.1	(0.0)	0.0
160	Recovery	5.0 L111 + 112	(5.0)	(4.9)	0.1	(4.8)	(4.8)	0.0	(1.8)
161	End of Year		4.4	4.4	0.0	0.0	0.0	0.0	0.0
	Arrow Water Provision								
162	Beginning of Year		3.2	4.2	1.0	3.0	4.1	1.1	4.6
163	Additions	5.0 L96	0.0	0.0	0.0	0.0	0.7	0.7	0.0
164	Additions - Accretion	8.0 L57	0.1	0.1	0.0	0.1	0.1	0.0	0.1
164.1	Transfer to Arrow Water Costs	5.0 L112	(0.3)	(0.2)	0.1	(0.3)	(0.3)	0.0	(1.8)
165	Recovery		0.0	0.0	0.0	0.0	0.0	0.0	0.0
166	End of Year		3.0	4.1	1.1	2.8	4.6	1.8	2.9
	Asbestos Remediation								
167	Beginning of Year		19.3	17.3	(2.0)	9.6	10.0	0.5	8.2
168	Transfer from Environmental	Line 132	1.8	4.3	2.5	0.9	8.5	7.6	20.4
169	Additions		0.0	0.0	0.0	0.0	0.0	0.0	0.0
170	Interest		0.6	0.6	(0.0)	0.2	0.4	0.2	0.3
171	Recovery	5.0 L106-109	(12.1)	(12.1)	(0.0)	(10.8)	(10.7)	0.1	(23.4)
172	End of Year		9.6	10.0	0.5	(0.0)	8.2	8.3	5.5
	Rate Smoothing								
173	Beginning of Year		0.0	0.0	0.0	166.2	166.2	0.0	287.4
174	Additions	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175	Recovery	5.0 L114	166.2	166.2	0.0	121.2	121.2	0.0	250.3
176	End of Year		166.2	166.2	0.0	287.4	287.4	0.0	537.8
	Real Property Sales								
177	Beginning of Year		0.0	0.0	0.0	0.0	7.9	7.9	18.4
178	Additions	5.0 L99	0.0	7.9	7.9	0.0	10.0	10.0	5.0
179	Interest		0.0	0.0	0.0	0.0	0.5	0.5	0.8
180	Recovery		0.0	0.0	0.0	0.0	0.0	0.0	0.0
181	End of Year		0.0	7.9	7.9	0.0	18.4	18.4	24.2
	Minimum Reconnection Charge								
182	Beginning of Year					0.0	0.0	0.0	1.0
183	Additions	15.0 L35				0.0	1.0	1.0	0.0
184	Interest					0.0	0.0	0.0	0.0
185	Recovery					0.0	0.0	0.0	(0.3)
186	End of Year					0.0	1.0	1.0	0.6

Other Regulatory Accounts
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	End of Year Balances								
187	Demand-Side Management	Line 7	897.8	841.4	(56.3)	945.6	909.4	(36.2)	954.5
188	First Nations Costs	Line 14	174.2	151.2	(22.9)	154.8	138.3	(16.4)	138.7
189	First Nations Provisions	Line 19	401.4	413.2	11.8	405.5	404.4	(1.1)	394.7
190	F07/F08 RRA Depr Study	Line 23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191	Site C Clean Energy Project	Line 28	376.9	418.7	41.8	393.7	435.8	42.1	453.4
192	Future Removal	Line 33	(41.1)	(32.8)	8.3	(9.9)	(0.0)	9.9	(0.0)
193	Foreign Exchange	Line 38	(94.4)	(70.8)	23.6	(93.8)	(67.8)	26.0	(68.2)
194	Pre-1996 Contributions	Line 42	87.4	87.4	(0.0)	92.1	92.1	(0.0)	91.4
195	Storm Restoration	Line 48	(1.3)	7.9	9.2	0.0	17.1	17.0	11.4
196	Procurement Enhancement	Line 55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197	Capital Project Investigation	Line 61	29.9	29.8	(0.0)	25.0	25.0	(0.0)	20.2
198	GM Shrum 3	Line 68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199	F2010 ROE Adjustment	Line 73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	Net Employment Costs	Line 78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
201	Total Taxes	Line 83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
202	Amortization of Capital Additions	Line 88	(9.3)	(3.9)	5.5	(0.1)	9.5	9.6	6.3
203	Total Finance Charges	Line 94	(25.6)	(173.1)	(147.4)	(0.1)	(307.2)	(307.1)	(204.8)
204	Smart Metering & Infrastructure	Line 107	286.7	283.4	(3.3)	286.0	283.2	(2.9)	261.4
205	Home Option Purchase Plan	Line 113	11.1	11.0	(0.0)	0.0	(0.0)	(0.0)	(0.0)
206	Non-Current Pension Cost	Line 121	186.3	563.6	377.2	170.8	193.5	22.7	175.6
207	Waneta	Line 125	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208	Environmental Provisions	Line 134	239.1	352.3	113.2	230.9	373.4	142.5	334.8
209	Rock Bay Remediation	Line 140	49.4	20.4	(29.0)	0.0	(25.8)	(25.8)	(17.2)
210	IFRS PP&E	Line 147	758.2	758.4	0.2	872.7	873.0	0.3	961.8
211	IFRS Pension	Line 152	650.1	650.1	0.0	611.8	611.9	0.1	573.7
212	F12-F14 Rate Smoothing	Line 156	0.0	0.0	0.0	0.0	0.0	0.0	0.0
213	Arrow Water Divestiture Costs	Line 161	4.4	4.4	0.0	0.0	0.0	0.0	0.0
214	Arrow Water Provision	Line 166	3.0	4.1	1.1	2.8	4.6	1.8	2.9
215	Asbestos Remediation	Line 172	9.6	10.0	0.5	(0.0)	8.2	8.3	5.5
216	Rate Smoothing	Line 176	166.2	166.2	0.0	287.4	287.4	0.0	537.8
217	Real Property Sales	Line 181	0.0	7.9	7.9	0.0	18.4	18.4	24.2
218	Minimum Reconnection Charge	Line 186				0.0	1.0	1.0	0.6
219	Total		4,159.9	4,501.0	341.1	4,375.3	4,285.4	(90.0)	4,658.6
	Summary								
220	Regulatory Account Additions		359.0	489.3	130.3	310.3	404.3	94.0	276.2
221	Interest on Regulatory Accounts		37.1	36.6	(0.5)	38.0	36.1	(1.9)	34.9
222	Regulatory Account Recoveries		(124.5)	(197.8)	(73.2)	(132.9)	(227.4)	(94.6)	62.1
223	Transfer of Storm Restoration	Line 47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
224	Transfer of GM Shrum 3	Line 67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
225	Adjustments to Opening Balances		0.0	0.0	0.0	0.0	0.0	0.0	0.0
226	OCI Deferral (Pension)		0.0	264.5	264.5	0.0	(428.6)	(428.6)	0.0
227	Regulatory Account Net Transfers		271.6	592.6	321.0	215.4	(215.7)	(431.1)	373.3
228	**Interest Rate**	8.0 L107	4.21%	4.13%	(0.08%)	4.47%	4.10%	(0.37%)	4.05%

Reconciliation of Current and Gross Views
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Cost of Energy								
1	Total Gross	4.0 L45	1,384.5	1,512.5	128.0	1,391.7	1,424.3	32.6	1,680.4
2	HDA Additions	4.0 L46	0.0	(81.7)	(81.7)	0.0	148.5	148.5	0.0
3	NHDA Additions	4.0 L47	0.0	(238.2)	(238.2)	0.0	(319.3)	(319.3)	0.0
4	BCTCDA Additions	4.0 L48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Deferred GMS 3 COE	4.0 L49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	GMS 3 Insurance Proceeds	4.0 L50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	Water License Variances	4.0 L51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	Deferred Operating HDA	4.0 L52	0.0	1.9	1.9	0.0	5.2	5.2	0.0
9	Deferred Operating NHDA	4.0 L53	0.0	(10.0)	(10.0)	0.0	(7.9)	(7.9)	0.0
10	Deferred Amortization NHDA	4.0 L54	0.0	(6.1)	(6.1)	0.0	(9.1)	(9.1)	0.0
11	Deferred Taxes NHDA	4.0 L55	0.0	(2.6)	(2.6)	0.0	(3.4)	(3.4)	0.0
12	Deferred Waneta Costs	4.0 L56	15.0	15.0	0.0	0.0	0.0	0.0	0.0
13	HDA Recoveries	4.0 L57	16.6	26.2	9.6	17.7	37.9	20.2	(4.6)
14	NHDA Recoveries	4.0 L58	98.0	90.6	(7.4)	104.8	120.6	15.8	181.7
15	BCTCDA Recoveries	4.0 L59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	Total Current		1,514.1	1,307.6	(206.5)	1,514.3	1,396.8	(117.5)	1,857.6
	Operating Costs								
17	Total Gross	5.0 L124	1,170.8	1,303.0	132.2	1,146.6	1,238.2	91.6	1,237.9
18	Deferral Account Additions	5.0 L50	0.0	8.1	8.1	0.0	2.8	2.8	0.0
19	Deferral Account Recoveries	5.0 L43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	Regulatory Account Additions	5.0 L64+100	(339.2)	(462.5)	(123.3)	(290.0)	(383.5)	(93.6)	(254.2)
20.1	Subtotal before Recoveries		831.6	848.6	17.1	856.7	857.4	0.8	983.8
21	Regulatory Account Recoveries	5.0 L42+115	92.0	87.4	(4.6)	121.1	120.5	(0.5)	(53.7)
22	Total Current		923.6	936.0	12.4	977.7	978.0	0.2	930.1
	Taxes								
23	Total Gross	6.0 L23	213.8	206.1	(7.7)	224.1	213.1	(11.0)	224.0
24	Deferral Account Additions	6.0 L24	0.0	2.6	2.6	0.0	3.4	3.4	0.0
25	Regulatory Account Additions	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	Subtotal before Recoveries		213.8	208.7	(5.1)	224.1	216.5	(7.6)	224.0
26	Regulatory Account Recoveries	6.0 L30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	Total Current		213.8	208.7	(5.1)	224.1	216.5	(7.6)	224.0
	Amortization								
28	Total Gross	7.0 L31	698.7	691.7	(7.0)	758.0	767.2	9.2	777.2
29	Deferral Account Additions	7.0 L26.1	0.0	6.1	6.1	0.0	9.1	9.1	0.0
30	Regulatory Account Additions	7.0+L30+34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.1	Subtotal before Recoveries		698.7	697.8	(0.9)	758.0	776.3	18.3	777.2
31	Regulatory Account Recoveries	7.0 L58	32.5	42.1	9.6	38.0	28.6	(9.4)	93.4
32	Total Current		731.2	739.9	8.7	796.0	804.9	8.9	870.6
	Finance Charges								
33	Total Gross	8.0 L49	725.0	664.1	(60.9)	838.3	746.9	(91.4)	718.6
34	Interest on Regulatory Accounts	8.0 L77	(67.4)	(67.3)	0.1	(61.8)	(73.7)	(12.0)	(68.4)
35	Regulatory Account Additions	8.0 L58	(24.6)	22.4	47.0	(23.7)	47.7	71.4	(22.0)
35.1	Subtotal before Recoveries		633.0	619.3	(13.7)	752.9	720.8	(32.0)	628.1
36	Regulatory Account Recoveries	8.0 L82	(26.2)	(12.6)	13.6	(26.2)	5.4	31.7	(101.8)
37	Total Current		606.8	606.7	(0.1)	726.6	726.3	(0.4)	526.3

Reconciliation of Current and Gross Views
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Return on Equity								
38	Total Gross	9.0 L54	581.5	580.8	(0.7)	651.9	653.3	1.5	692.3
39	Regulatory Account Additions	2.2 L70+9.0 L53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.1	Subtotal before Recoveries		581.5	580.8	(0.7)	651.9	653.3	1.5	692.3
40	Regulatory Account Recoveries	2.2 L72	11.3	11.3	0.0	0.0	0.0	0.0	0.0
41	Total Current		592.8	592.1	(0.7)	651.9	653.3	1.5	692.3
	Non-Tariff Revenue								
42	Total Gross	15.0 L32	(121.3)	(135.2)	(13.9)	(126.6)	(130.2)	(3.6)	(131.2)
43	Regulatory Account Additions	15.0 L33+34	4.8	5.4	0.6	3.4	4.4	1.0	0.0
43.1	Subtotal before Recoveries		(116.5)	(129.8)	(13.3)	(123.3)	(125.9)	(2.6)	(131.2)
44	Regulatory Account Recoveries		0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	Total Current	15.0 L36	(116.5)	(129.8)	(13.3)	(123.3)	(125.9)	(2.6)	(131.2)
	Inter-Segment Revenue								
46	Powerex - Corporate Allocation	3.1 L21	(3.0)	(3.0)	0.0	(3.0)	(3.0)	0.0	(2.8)
47	Mark to Market Losses (Gains)	3.1 L22	0.0	(4.8)	(4.8)	0.0	(0.2)	(0.2)	0.0
48	Other	3.1 L23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	Powerex PTP Charges	3.4 L21	(23.4)	(30.4)	(7.0)	(29.2)	(12.5)	16.7	(22.2)
50	BC Hydro PTP Charges	3.4 L22	(26.2)	(12.4)	13.8	(21.3)	(46.6)	(25.3)	(36.1)
51	Total		(52.6)	(50.6)	2.0	(53.5)	(62.3)	(8.8)	(61.1)
	Regulatory Account Transfers								
52	Deferral Accounts				0.0			0.0	
53	Other Regulatory Accounts				0.0			0.0	
54	Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Powerex Net Income								
55	Total Gross	1.0 L17	(110.0)	(120.1)	(10.1)	(110.0)	(95.0)	15.0	(117.2)
56	TIDA Additions	2.1 L18	0.0	10.1	10.1	0.0	(15.0)	(15.0)	0.0
57	TIDA Recoveries	2.1 L20	93.9	81.3	(12.6)	100.4	56.3	(44.2)	51.6
58	Total Current		(16.1)	(28.7)	(12.6)	(9.6)	(53.7)	(44.2)	(65.6)
59	**Powertech Net Income**	1.0 L18	(4.2)	(4.4)	(0.2)	(5.1)	(4.5)	0.6	(4.5)
60	**Other Utilities Revenue**	14.0 L18	(16.2)	(18.6)	(2.4)	(16.5)	(18.0)	(1.5)	(12.9)
61	**Liquefied Natural Gas Revenue**	14.0 L19			0.0	0.0	(1.9)	(1.9)	(21.9)
62	**Deferral Rider Revenue**	14.0 L23	(208.4)	(198.1)	10.3	(223.0)	(214.7)	8.2	(228.7)
63	**Total Rate Revenue Requirement (Current)**		4,168.3	3,961.0	(207.3)	4,459.7	4,294.7	(164.9)	4,575.0

Schedule 3.0
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BC Hydro
F17-F19 RRA

Reconciliation of Current and Gross Views
($ million)

Line		Reference	F2015			F2016			F2017
			RRA	Actual	Diff	RRA	Forecast	Diff	Plan
	Column		1	2	3 = 2 - 1	4	5	6 = 5 - 4	7
	Summary - Current Rates View								
64	Cost of Energy	Line 14	1,514.1	1,307.6	(206.5)	1,514.3	1,396.8	(117.5)	1,857.6
65	Operating Costs	Line 30	923.6	936.0	12.4	977.7	978.0	0.2	930.1
66	Taxes	Line 34	213.8	208.7	(5.1)	224.1	216.5	(7.6)	224.0
67	Amortization	Line 28	731.2	739.9	8.7	796.0	804.9	8.9	870.8
68	Finance Charges	Line 33	606.8	606.7	(0.1)	726.6	726.3	(0.4)	526.3
69	Return on Equity	Line 37	592.8	592.1	(0.7)	651.9	653.3	1.5	692.3
70	Non-Tariff Revenue	Line 41	(116.5)	(129.8)	(13.3)	(123.3)	(125.9)	(2.6)	(131.2)
71	Inter-Segment Revenue	Line 47	(52.6)	(50.6)	2.0	(53.5)	(62.3)	(8.8)	(61.1)
72	Subsidiary Net Income	Lines 54+55	(20.3)	(33.1)	(12.8)	(14.7)	(58.2)	(43.5)	(70.1)
73	Other Utilities Revenue	Line 56	(16.2)	(18.6)	(2.4)	(16.5)	(18.0)	(1.5)	(12.9)
74	Liquefied Natural Gas Revenue	Line 57				0.0	(1.9)	(1.9)	(21.9)
75	Deferral Rider Revenue	Line 58	(208.4)	(198.1)	10.3	(223.0)	(214.7)	8.2	(228.7)
76	Total Rate Revenue Requirement		4,168.3	3,961.0	(207.3)	4,456.7	4,294.7	(164.9)	4,575.0
	Current Costs by Business Group								
77	Generation	3.2 L19	1,457.6	1,475.5	17.8	1,590.0	1,639.4	49.5	1,485.3
78	Transmission	3.4 L24	653.6	718.0	65.4	772.8	791.1	18.2	808.1
79	Distribution	3.5 L15	973.6	905.1	(68.5)	1,054.6	1,007.9	(46.7)	968.2
80	Customer Care	3.3 L18	1,328.4	1,111.1	(217.3)	1,296.4	1,149.2	(147.2)	1,648.9
81	Corporate Groups	3.1 L25	(0.0)	(0.0)	(0.0)	(0.0)	0.0	0.0	(0.0)
81.1	Deputy CEO	3.6 L16	0.0	0.0	(0.0)	0.0	(0.0)	(0.0)	0.0
82	Subsidiary Net Income	Line 68	(20.3)	(33.1)	(12.8)	(14.7)	(58.2)	(43.5)	(70.1)
83	Other Utilities Revenue	Line 69	(16.2)	(18.6)	(2.4)	(16.5)	(18.0)	(1.5)	(12.9)
84	Liquefied Natural Gas Revenue	Line 70			0.0	0.0	(1.9)	(1.9)	(21.9)
85	Deferral Rider Revenue	Line 71	(208.4)	(198.1)	10.3	(223.0)	(214.7)	8.2	(228.7)
86	Total Rate Revenue Requirement		4,168.3	3,961.0	(207.3)	4,456.7	4,294.7	(164.9)	4,575.0

Cost of Energy
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Sources of Supply (GWh)								
	Heritage Energy								
1	Hydroelectric (water rentals)		46,564	40,191	(6,373)	46,312	**50,599.5**	4,287	**46,702.6**
2	Net Purchases (Sales) from Powerex		(199)	512	711	255	**(606.0)**	(861)	**(439.3)**
3	Market Electricity Purchases		1,224	207	(1,017)	1,553	544	(1,009)	963
4	Market Purchases to Non-Heritage		0	0	0	0	0	0	0
5	Natural Gas for Thermal Generation		290	213	(77)	301	**236.6**	(64)	**222.9**
6	Surplus Sales		(3,756)	(15)	3,741	(2,446)	**(6,366.7)**	(3,921)	**(3,339.3)**
7	Exchange Net		(530)	88	618	(204)	**(1,304.4)**	(1,100)	**(348.1)**
8	Total		43,593	41,197	(2,396)	45,771	43,103	(2,668)	43,761
	Non-Heritage Energy								
9	Waneta (water rentals)		914	1,038	124	594	**426.0**	(168)	**580.2**
10	IPPs and Long-Term Commitments		13,339	13,377	38	12,002	**13,650.8**	1,649	**14,091.6**
11	Mkt Purchases From Heritage	Line 4	0	0	0	0	0	0	0
12	Non-Integrated Area		133	115	(18)	135	**109.5**	(25)	**117.7**
13	Total		14,386	14,531	145	12,731	14,186	1,455	14,790
14	**Total Sources of Supply**	Lines 8+13	57,979	55,727	(2,252)	58,502	57,289	(1,213)	58,551
15	**Less Line Loss and System Use**		(4,849)	(4,529)	320	(4,742)	(5,173)	(431)	(5,199)
16	**Total Domestic Sales**	14.0 L10	53,130	51,199	(1,932)	53,760	52,116	(1,644)	53,352
17	**Line Loss as % of Sales**		9.13%	8.85%	-0.28%	8.82%	**9.93%**	1.10%	**9.74%**
	Unit Costs ($/MWh)								
18	Hydroelectric (water rentals)		8.3	9.0	0.7	8.3	**7.1**	(1.2)	**8.5**
19	Waneta (water rentals)		8.4	7.0	(1.4)	12.5	**16.7**	4.3	**9.7**
20	IPPs and Long-Term Commitments		77.1	79.5	2.4	81.3	**86.9**	5.7	**91.5**
21	Market Electricity Purchases		36.5	28.8	(7.7)	36.4	**35.9**	(0.5)	**36.9**
22	Surplus Sales		(32.6)	(10.1)	22.5	(34.4)	**(28.1)**	6.3	**(26.7)**
23	Natural Gas for Thermal Generation		91.7	112.7	20.9	89.4	**91.8**	2.4	**73.1**
24	Non-Integrated Area		247.4	222.6	(24.7)	254.1	**218.6**	(35.5)	**217.2**
25	Total Weighted Cost		26.1	29.5	3.5	25.9	27.3	1.4	31.5
	Cost of Energy ($ million)								
	Heritage Energy								
26	Hydroelectric (water rentals)		385.1	361.4	(23.7)	384.5	360.1	(24.4)	398.1
27	Market Electricity Purchases		44.7	6.0	(38.7)	56.6	19.5	(37.1)	35.5
28	Market Purchases to Non-Heritage		0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	Natural Gas for Thermal Generation		26.6	24.0	(2.6)	26.9	21.7	(5.2)	16.3
30	Domestic Transmission		30.5	18.4	(12.1)	25.7	**52.8**	27.1	**42.6**
31	Non-Treaty Storage Agreement		(7.8)	13.7	21.5	(19.8)	**(24.9)**	(5.1)	**(15.0)**
32	Surplus Sales		(122.6)	(0.2)	122.4	(84.2)	(178.9)	(94.7)	(89.3)
33	Other		(44.9)	(34.4)	10.5	(32.1)	**(38.6)**	(6.5)	**(27.7)**
34	Total		311.6	388.9	77.3	357.6	211.8	(145.8)	360.6

Cost of Energy
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Non-Heritage Energy								
35	Mkt Purchases From Heritage		0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	Waneta (water rentals)		7.7	7.3	(0.4)	7.4	7.1	(0.3)	5.7
37	IPPs and Long-Term Commitments		1,028.6	1,064.0	35.4	975.5	1,186.6	211.1	1,289.0
38	New Capital Leases Under IFRS		0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	Non-Integrated Area		32.9	25.5	(7.4)	34.3	23.9	(10.4)	25.6
40	Gas & Other Transportation		11.8	10.6	(1.2)	12.1	**10.8**	(1.3)	**11.6**
41	Domestic Transmission		0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	Net Purchases (Sales) from Powerex		(8.1)	16.2	24.3	4.8	**(15.9)**	(20.7)	**(12.1)**
43	Total		1,072.9	1,123.6	50.7	1,034.1	1,212.6	178.5	1,319.8
44	**Total Gross COE**	Lines 34+43	1,384.5	1,512.5	128.0	1,391.7	1,424.3	32.6	1,680.4
	Current Cost of Energy								
45	Gross Cost of Energy	Line 44	1,384.5	1,512.5	128.0	1,391.7	1,424.3	32.6	1,680.4
46	HDA Additions	2.1 L3	0.0	(81.7)	(81.7)	0.0	148.5	148.5	0.0
47	NHDA Additions	2.1 L10	0.0	(238.2)	(238.2)	0.0	(319.3)	(319.3)	0.0
48	BCTCDA Additions	2.1 L23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	Deferred GMS 3 COE	Line 73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	GMS 3 Insurance Proceeds		0.0	0.0	0.0	0.0	0.0	0.0	0.0
51	Water License Variances	Line 71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52	Deferred Operating HDA	Line 72	0.0	1.9	1.9	0.0	5.2	5.2	0.0
53	Deferred Operating NHDA	Line 85	0.0	(10.0)	(10.0)	0.0	(7.9)	(7.9)	0.0
54	Deferred Amortization NHDA	Line 85.1	0.0	(6.1)	(6.1)	0.0	(9.1)	(9.1)	0.0
55	Deferred Taxes NHDA	Line 85.2	0.0	(2.6)	(2.6)	0.0	(3.4)	(3.4)	0.0
56	Deferred Waneta Costs	2.2 L123+L124	15.0	15.0	0.0	0.0	0.0	0.0	0.0
57	HDA Recoveries	2.1 L5	16.6	26.2	9.6	17.7	37.9	20.2	(4.6)
58	NHDA Recoveries	2.1 L12	98.0	90.6	(7.4)	104.8	120.6	15.8	181.7
59	BCTCDA Recoveries		0.0	0.0	0.0	0.0	0.0	0.0	0.0
60	**Total Current COE**		1,514.1	1,307.6	(206.5)	1,514.3	1,396.8	(117.5)	1,857.6
	Total Current COE by Function								
61	Generation		328.2	335.3	7.1	375.3	403.3	28.0	356.1
62	Transmission		0.0	0.0	0.0	0.0	0.0	0.0	0.0
63	Distribution		0.0	0.0	0.0	0.0	0.0	0.0	0.0
64	Customer Care		1,185.9	972.3	(213.6)	1,138.9	993.4	(145.5)	1,501.5
65	Corporate Groups		0.0	0.0	0.0	0.0	0.0	0.0	0.0
66	Total		1,514.1	1,307.6	(206.5)	1,514.3	1,396.8	(117.5)	1,857.6
	Heritage Payment Obligation								
67	Heritage Energy	Line 34	311.6	388.9	77.3	357.6	211.8	(145.8)	360.6
68	Costs in Operating/Amortization		15.7	15.5	(0.2)	13.0	**12.9**	(0.1)	**13.1**
69	Commodity Risk		0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	Notional Water Rentals		(1.4)	3.7	5.1	1.9	**(4.4)**	(6.3)	**(3.2)**
71	Skagit and Ancillary Revenue	14.0 L18	(16.2)	(18.6)	(2.4)	(16.5)	(18.0)	(1.5)	(12.9)
72	Load Curtailment		0.0	0.0	0.0	0.0	0.0	0.0	0.0
73	Water License Variances	5.0 L43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74	Deferred Operating HDA	5.0 L48	0.0	1.9	1.9	0.0	5.2	5.2	0.0
75	Transfer to GMS 3 Reg Account		0.0	0.0	0.0	0.0	0.0	0.0	0.0
76	Other		43.5	43.5	0.0	43.2	43.3	0.1	34.9
77	Total		353.2	434.9	81.7	399.2	250.7	(148.5)	392.5
78	**Total System Inflow (% of Normal)**		100%	102%	2%	100%	**94%**	(6%)	**100%**

Cost of Energy
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Non-Heritage COE Subject to NHDA								
79	Non-Heritage Cost of Energy	Line 43	1,072.9	1,123.6	50.7	1,034.1	1,212.6	178.5	1,319.8
80	Commodity Risk		0.0	(4.8)	(4.8)	0.0	0.0	0.0	0.0
81	F/X Gains on Powerex Trade		0.0	0.0	0.0	0.0	(0.2)	(0.2)	0.0
82	Less Domestic Transmission	Line 41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83	Notional Water Rental	Line 68	1.4	(3.7)	(5.1)	(1.9)	4.4	6.3	3.2
84	Revenue Variance		0.0	207.3	207.3	0.0	**163.1**	163.1	0.0
85	ROE Adjustment		0.0	0.0	0.0	0.0	0.0	0.0	0.0
86	ABSU Founding Partner Benefits		0.0	0.0	0.0	0.0	0.0	0.0	0.0
87	Deferred Operating NHDA	5.0 L49	0.0	(10.0)	(10.0)	0.0	(7.9)	(7.9)	0.0
88	Deferred Amortization NHDA	7.0 L26.1	0.0	(6.1)	(6.1)	0.0	(9.1)	(9.1)	0.0
89	Deferred Taxes NHDA	6.0 L22	0.0	(2.6)	(2.6)	0.0	(3.4)	(3.4)	0.0
90	Other		0.0	8.8	8.8	0.0	(8.0)	(8.0)	0.0
91	F11 NSA & F12-F14 Adjustments		0.0	0.0	0.0	0.0	0.0	0.0	0.0
92	Total		1,074.3	1,312.5	238.2	1,032.2	1,351.5	319.3	1,323.0
	IPP Summary								
93	IPP Costs in Non-Heritage COE	Line 37	1,028.6	1,064.0	35.4	975.5	1,186.6	211.1	1,289.0
94	Less COE Impact of New Leases	Line 38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Existing Capital Leases								
95	Operating Costs	5.1 L15	29.4	29.4	0.0	33.8	34.2	0.4	42.0
96	Taxes	6.0 L12	4.8	4.8	0.0	5.8	5.6	(0.2)	4.1
97	Amortization	7.0 L23	22.8	22.8	0.0	25.8	25.8	0.0	22.2
98	Finance Charges	8.0 L68	77.3	77.3	0.0	93.9	93.9	0.0	34.5
99	Total		134.3	134.3	0.0	159.2	159.4	0.2	102.7
	New IPP Capital Leases Under IFRS								
100	Operating Costs		0.0	0.0	0.0	0.0	0.0	0.0	0.0
101	Taxes		0.0	0.0	0.0	0.0	0.0	0.0	0.0
102	Amortization		0.0	0.0	0.0	0.0	0.0	0.0	0.0
103	Finance Charges		0.0	0.0	0.0	0.0	0.0	0.0	0.0
104	Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.1	Transfers to Deferral & Regulatory Accounts		0.0	(77.4)	(77.4)	0.0	**(103.8)**	(103.8)	0.0
105	Total Costs in Revenue Requirement		1,162.9	1,120.9	(42.0)	1,134.7	1,242.3	107.6	1,391.7
106	Total Payments to IPPs		1,162.5	1,129.4	(33.1)	1,130.9	**1,250.1**	119.2	**1,393.8**
107	Difference	Line 101 - 102	0.4	(8.5)	(8.9)	3.8	(7.8)	(11.6)	(2.0)
	IPP Capital Leases								
	Gross Assets in Service								
108	Opening Balance		388.2	388.2	0.0	1,113.2	388.2	(725.0)	388.2
109	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
110	Capital Additions		725.0	0.0	(725.0)	0.0	0.0	0.0	**469.8**
111	Retirements & Transfers		0.0	0.0	0.0	0.0	0.0	0.0	0.0
112	Closing Balance		1,113.2	388.2	(725.0)	1,113.2	388.2	(725.0)	858.0
	Accumulated Amortization								
113	Opening Balance		159.5	159.5	0.0	182.3	182.3	0.0	208.1
114	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
115	Amortization		22.8	22.8	0.0	25.8	25.8	0.0	22.2
116	Retirements & Transfers		0.0	0.0	0.0	0.0	0.0	0.0	0.0
117	Closing Balance		182.3	182.3	0.0	208.1	208.1	0.0	230.3
118	**Net Capital Leases (Year-End)**		930.9	205.9	(725.0)	905.1	180.1	(725.0)	627.7

Operating Costs and Provisions - Total Company
($ million)

Line	Reference / Column	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
		1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Operating Costs by Business Group							
1	Training, Development and Generation	132.9	134.0	1.1	131.3	140.1	8.8	136.4
2	Transmission, Distribution and Customer Services	513.4	517.6	4.3	510.9	515.4	4.4	541.0
3	Customer Care	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	Deputy CEO	48.7	52.7	4.1	48.7	47.3	(1.4)	56.3
5	Operations Support	98.2	93.3	(5.0)	136.0	124.6	(11.4)	162.7
6	Severance Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	Non-Current PEB - Pension	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	Non-Current PEB - Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	F09/F10 RRA Adjustments	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	F11 RRA NSA Adjustment	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	F12-F14 RRA Adjustment	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	Total Before Regulatory Accounts	793.2	797.6	4.4	826.9	827.4	0.4	896.4
	Operating Costs by Resource							
13	Labour (excl Non-Current PEB)	471.3	482.0	10.6	478.1	482.5	4.4	489.3
14	Services - ABSU	58.9	61.5	2.6	59.0	58.8	(0.2)	48.7
15	Services - BCTC	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	Services - Other	423.9	416.6	(7.3)	427.8	427.9	0.1	465.2
17	Materials	40.2	43.0	2.8	40.1	38.9	(1.2)	40.7
18	Buildings & Equipment	48.8	53.1	4.3	49.6	46.8	(2.8)	58.8
19	Capitalized Overhead	(222.2)	(223.5)	(1.3)	(199.8)	(202.8)	(3.0)	(180.2)
20	External Recoveries	(27.7)	(35.0)	(7.3)	(27.8)	(24.7)	3.1	(26.2)
21	Severance Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	Non-Current PEB - Pension	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	Non-Current PEB - Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	F09/F10 RRA Adjustments	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	F11 RRA NSA Adjustment	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	F12-F14 RRA Adjustment	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	Total Before Regulatory Accounts	793.2	797.6	4.4	826.9	827.4	0.4	896.4
	Regulatory Account Recoveries							
28	DSM - F11 RRA NSA Adjustment	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	First Nation Costs	43.5	43.5	0.0	43.2	**43.3**	0.1	**34.9**
30	Site C Clean Energy Project	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	Storm Restoration	(1.4)	(1.4)	0.0	(1.4)	**(1.4)**	(0.0)	**6.3**
32	PEI - F11 RRA NSA Adjustment	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	Procurement Enhancement	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	Capital Project Investigation	4.8	4.8	0.0	4.8	**4.8**	(0.0)	**4.8**
35	Net Employment Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	Smart Metering & Infrastructure	30.5	30.5	(0.0)	31.3	**31.3**	(0.0)	**32.6**
37	Home Purchase Offer Plan	11.8	11.8	(0.0)	11.3	**11.3**	(0.0)	0.0
38	Minimum Reconnection Charge	0.0	0.0	0.0	0.0	0.0	0.0	**0.3**
39	Non-Current Pension Cost	32.6	32.6	(0.0)	15.5	**15.5**	(0.0)	**17.9**
40	IFRS PP&E	15.9	15.9	0.0	19.8	**19.8**	(0.0)	**23.2**
41	IFRS Pension	38.2	38.2	(0.0)	38.2	**38.2**	(0.0)	**38.2**
42	Total	176.0	175.9	(0.1)	162.9	162.8	(0.1)	158.2
	Deferral Account Recoveries							
43	Water License Variances	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Operating Costs and Provisions - Total Company
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Current IFRS Impact								
44	New IPP Capital Leases		0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	Other Operating Costs		0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	**Total Current Operating**	L 12+42+43+46	969.1	973.5	4.4	989.9	990.2	0.4	1,054.6
	Deferral Account Additions								
48	Transfers to HDA		0.0	1.9	1.9	0.0	**5.2**	5.2	0.0
49	Transfers to NHDA		0.0	(10.0)	(10.0)	0.0	**(7.9)**	(7.9)	0.0
50	Total		0.0	(8.1)	(8.1)	0.0	(2.8)	(2.8)	0.0
	Regulatory Account Additions								
51	Demand-Side Management		150.5	124.8	(25.7)	131.1	**147.4**	16.3	**134.3**
52	First Nations Costs		3.5	1.6	(1.9)	3.0	**3.3**	0.3	**3.9**
53	Site C Clean Energy Project		0.0	65.4	65.4	0.0	0.0	0.0	0.0
54	Storm Restoration		0.0	9.0	9.0	0.0	**7.3**	7.3	0.0
55	Procurement Enhancement		0.0	0.0	0.0	0.0	0.0	0.0	0.0
56	Capital Project Investigation		0.0	0.0	0.0	0.0	0.0	0.0	0.0
57	GM Shrum 3		0.0	0.0	0.0	0.0	0.0	0.0	0.0
58	Smart Metering & Infrastructure		28.4	22.7	(5.8)	21.5	**25.0**	3.5	0.0
59	Home Purchase Offer Plan		0.0	0.0	0.0	0.0	0.0	0.0	0.0
60	IFRS Capitalized Overhead		156.8	156.8	0.0	134.4	**134.4**	0.0	**112.0**
61	Non-Current Pension Costs		0.0	0.0	0.0	0.0	**17.2**	17.2	0.0
62	Outsourcing Implementation		0.0	0.0	0.0	0.0	0.0	0.0	0.0
63	Bad Debt (Meziadin Lake)		0.0	0.0	0.0	0.0	0.0	0.0	0.0
64	Total		339.2	380.3	41.0	290.0	334.6	44.6	250.2
65	**Total Gross Operating**	L 12+46+50+64	1,132.4	1,169.7	37.3	1,116.9	1,159.2	42.3	1,146.6
	Current Operating by Business Group								
66	Training, Development and Generation		132.9	134.0	1.1	131.3	140.1	8.8	136.4
67	Transmission (incl. Tech & CS)		359.7	362.6	2.9	359.5	342.9	(16.6)	370.7
68	Distribution		182.8	184.1	1.3	181.4	202.4	21.0	209.1
69	Customer Care		0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	Deputy CEO		97.0	101.0	4.1	96.7	95.4	(1.3)	96.0
71	Operations Support		164.1	159.1	(5.0)	205.4	193.9	(11.5)	224.4
72	Severance Costs	Line 6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73	Non-Current PEB - Pension	Lines 7 + 39	32.6	32.6	(0.0)	15.5	15.5	(0.0)	17.9
74	Non-Current PEB - Other	Line 8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75	F09/F10 RRA Adjustments	Line 9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76	F11 RRA NSA Adjustment	Line 10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77	F12-F14 RRA Adjustment	Line 11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78	Total		969.1	973.5	4.4	989.9	990.2	0.4	1,054.6

Operating Costs and Provisions - Total Company
($ million)

Line	Column	Reference	F2015 RRA 1	F2015 Actual 2	F2015 Diff 3 = 2 - 1	F2016 RRA 4	F2016 Forecast 5	F2016 Diff 6 = 5- 4	F2017 Plan 7
	Provisions Before Regulatory Accounts								
79	Training, Development and Generation		3.5	10.8	7.4	3.6	**3.7**	0.1	**3.7**
80	Transmission (incl. Tech)		0.0	15.2	15.2	0.0	**8.8**	8.8	**8.4**
81	Distribution		21.9	20.5	(1.4)	22.7	**22.3**	(0.4)	**23.6**
82	Customer Care		0.0	0.0	0.0	0.0	0.0	0.0	0.0
83	Deputy CEO		8.0	2.1	(5.9)	8.3	0.0	(8.3)	0.0
84	Operations Support		15.1	12.4	(2.7)	5.1	**5.2**	0.1	**5.1**
85	Increase in Mass Asset Rtmts		0.0	0.0	0.0	0.0	0.0	0.0	0.0
86	FRSR Write-Off		0.0	0.0	0.0	0.0	0.0	0.0	0.0
87	FRSR - Training, Development and Generation		0.0	0.0	0.0	0.0	0.0	0.0	**9.2**
88	FRSR - Transmission		0.0	0.0	0.0	0.0	0.0	0.0	**24.9**
89	FRSR - Distribution		0.0	0.0	0.0	0.0	0.0	0.0	**19.7**
90	FRSR - DCEO		0.0	0.0	0.0	0.0	0.0	0.0	**2.7**
91	Real Property Sales		(10.0)	(10.0)	(0.0)	(10.0)	**(10.0)**	0.0	**(10.0)**
92	Total		38.4	51.0	12.6	29.7	30.1	0.3	87.4
	Deferred Provisions								
93	First Nations Provisions		0.0	1.4	1.4	0.0	**(4.8)**	(4.8)	**(1.0)**
94	Environmental Provisions		0.0	63.8	63.8	0.0	**43.1**	43.1	0.0
95	Arrow Water Divestiture Costs		0.0	0.0	0.0	0.0	0.0	0.0	0.0
96	Arrow Water Provision		0.0	0.0	0.0	0.0	**0.7**	0.7	0.0
97	Smart Metering & Infrastructure Fibre		0.0	0.0	0.0	0.0	0.0	0.0	0.0
98	Smart Metering & Infrastructure DSMD Write-Off		0.0	9.1	9.1	0.0	0.0	0.0	0.0
99	Real Property Sales		0.0	7.9	7.9	0.0	**10.0**	10.0	**5.0**
100	Total		0.0	82.2	82.2	0.0	48.9	48.9	4.0
101	**Total Gross Provisions**	Lines 92 + 100	38.4	133.3	94.8	29.7	79.0	49.3	91.4
	Recovery of Deferred Provisions								
	PCB Remediation								
102	Training, Development and Generation		0.1	0.5	0.4	0.3	**0.4**	0.1	**1.4**
103	Transmission		7.5	5.2	(2.3)	7.1	**7.1**	(0.1)	**9.5**
104	Distribution		5.7	3.2	(2.5)	5.6	**5.4**	(0.2)	**7.7**
105	Operations Support		0.3	0.2	(0.1)	0.2	**0.0**	(0.2)	**0.0**
	Asbestos Remediation								
106	Training, Development and Generation		3.1	3.1	0.0	2.0	**2.0**	0.0	**1.4**
107	Transmission		0.2	0.2	0.0	0.2	**0.1**	(0.1)	**16.3**
108	Distribution		8.9	8.8	(0.1)	8.6	**8.6**	0.0	**5.5**
109	Operations Support		0.0	0.0	0.0	0.0	0.0	0.0	**0.2**
110	Rock Bay Remediation		51.5	51.5	(0.0)	50.5	**50.5**	0.0	**(5.3)**
111	Arrow Water Divestiture Costs		4.7	4.7	(0.0)	4.5	**4.5**	(0.0)	0.0
112	Arrow Water Provision		0.3	0.2	(0.1)	0.3	**0.3**	0.0	**1.8**
113	F12-F14 Rate Smoothing		0.0	0.0	0.0	0.0	0.0	0.0	0.0
114	Rate Smoothing		(166.2)	(166.2)	(0.0)	(121.2)	**(121.2)**	0.0	**(250.3)**
115	Total		(84.0)	(88.5)	(4.5)	(41.9)	(42.3)	(0.5)	(211.9)
116	**Total Current Provisions**	Lines 92 + 115	(45.6)	(37.5)	8.1	(12.1)	(12.2)	(0.1)	(124.5)

Operating Costs and Provisions - Total Company
($ million)

Line	Reference / Column	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
		1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Current Provisions by Business Group							
117	Training, Development and Generation	11.6	19.4	7.8	10.8	10.9	0.1	17.5
118	Transmission	7.7	20.7	13.0	7.3	16.0	8.7	59.1
119	Distribution	36.4	32.6	(3.9)	36.9	36.3	(0.6)	56.5
120	Customer Care	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121	Deputy CEO	(2.0)	(7.9)	(5.9)	(1.7)	(10.0)	(8.3)	(7.3)
122	Operations Support	(99.3)	(102.2)	(2.8)	(65.4)	(65.4)	(0.1)	(250.3)
123	Total	(45.6)	(37.5)	8.1	(12.1)	(12.2)	(0.1)	(124.5)
124	**Total Gross Operating & Provisions**	1,170.8	1,303.0	132.2	1,146.6	1,238.2	91.6	1,237.9
	Total Current Operating & Provisions							
125	Training, Development and Generation	144.5	153.4	8.9	142.1	151.0	8.9	153.9
126	Transmission (incl. Tech & CS)	367.4	383.3	15.9	366.8	358.9	(7.9)	429.8
127	Distribution	219.3	216.7	(2.6)	218.3	238.6	20.4	265.6
128	Customer Care	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129	Deputy CEO	95.0	93.1	(1.9)	95.0	85.4	(9.6)	88.8
130	Operations Support	64.8	56.9	(7.9)	140.0	128.5	(11.5)	(25.9)
131	Severance Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132	Non-Current PEB - Pension	32.6	32.6	(0.0)	15.5	15.5	(0.0)	17.9
133	Non-Current PEB - Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134	F09/F10 RRA Adjustments	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135	F11 RRA NSA Adjustment	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136	F12-F14 RRA Adjustment	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137	Total	923.6	936.0	12.4	977.7	978.0	0.2	930.1

Taxes
($ million)

Line	Column	Reference	F2015 RRA 1	F2015 Actual 2	F2015 Diff 3 = 2 - 1	F2016 RRA 4	F2016 Forecast 5	F2016 Diff 6 = 5- 4	F2017 Plan 7
	Generation								
1	Grants in Lieu		23.1	22.6	(0.6)	24.3	23.4	(0.9)	24.9
2	School Taxes		18.3	16.8	(1.5)	18.8	17.2	(1.5)	17.6
3	Total		41.5	39.4	(2.1)	43.1	40.6	(2.5)	42.6
	Transmission								
4	Grants in Lieu		45.0	45.1	0.1	46.8	47.2	0.4	49.5
5	School Taxes		81.1	78.6	(2.5)	85.2	81.5	(3.7)	84.9
6	Total		126.1	123.7	(2.4)	132.0	128.7	(3.3)	134.4
	Distribution								
7	Grants in Lieu		6.9	6.9	(0.0)	7.2	7.0	(0.2)	7.5
8	School Taxes		20.0	19.0	(0.9)	20.4	19.4	(1.0)	19.8
9	Total		26.9	25.9	(1.0)	27.6	26.4	(1.2)	27.3
	Customer Care								
10	Grants in Lieu		0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	School Taxes		0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	Existing IPP Capital Leases		4.8	4.8	0.0	5.8	5.6	(0.2)	4.1
13	New Capital Leases Under IFRS		0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	Total		4.8	4.8	0.0	5.8	5.6	(0.2)	4.1
	Corporate Groups								
15	Grants in Lieu		9.3	9.5	0.2	10.2	10.0	(0.1)	10.4
16	School Taxes		5.3	5.5	0.2	5.6	5.2	(0.4)	5.4
17	Total		14.6	15.0	0.4	15.8	15.2	(0.5)	15.7
	Total Before Regulatory Accounts								
18	Grants in Lieu		84.4	84.0	(0.4)	88.5	87.7	(0.8)	92.3
19	School Taxes		124.7	120.0	(4.7)	129.9	123.3	(6.6)	127.7
20	IPP Capital Leases		4.8	4.8	0.0	5.8	5.6	(0.2)	4.1
21	Total		213.8	208.7	(5.1)	224.1	216.5	(7.6)	224.0
	Deferral Account Additions								
22	Transfers to NHDA		0.0	(2.6)	(2.6)	0.0	(3.4)	(3.4)	0.0
23	**Total Gross Taxes**	Line 21+22	213.8	206.1	(7.7)	224.1	213.1	(11.0)	224.0
	Deferral Account Additions								
24	Transfers to NHDA		0.0	2.6	2.6	0.0	3.4	3.4	0.0
	Regulatory Account Recoveries								
25	Generation		0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	Transmission		0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	Distribution		0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	Customer Care		0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	Corporate Groups		0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	**Total Current Taxes**	Lines 23+24+54	213.8	208.7	(5.1)	224.1	216.5	(7.6)	224.0
	Total Current Taxes by Business Group								
32	Generation		41.5	39.4	(2.1)	43.1	40.6	(2.5)	42.6
33	Transmission		126.1	123.7	(2.4)	132.0	128.7	(3.3)	134.4
34	Distribution		26.9	25.9	(1.0)	27.6	26.4	(1.2)	27.3
35	Customer Care		4.8	4.8	0.0	5.8	5.6	(0.2)	4.1
36	Corporate Groups		14.6	15.0	0.4	15.8	15.2	(0.5)	15.7
37	Total		213.8	208.7	(5.1)	224.1	216.5	(7.6)	224.0

Depreciation and Amortization
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Amortization of Capital Assets								
1	Generation	12.2 L8+9+10	246.8	257.7	10.9	257.4	198.1	(59.4)	199.7
2	Transmission	12.4 L8+9+10	151.6	177.5	25.9	178.8	192.5	13.7	218.1
3	Distribution	12.5 L8+9	217.6	182.6	(35.0)	225.3	173.3	(52.0)	179.8
4	Customer Care	12.3 L8+9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Corporate Groups	12.1 L8+9	35.3	34.8	(0.5)	39.5	153.8	114.3	157.4
6	Total		651.3	652.6	1.3	701.0	717.7	16.7	755.0
	Amortization of Contributions								
7	Generation		0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	Transmission		0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	Distribution		0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Dismantling Costs								
11	Generation		8.7	4.9	(3.8)	9.5	**10.0**	0.5	0.0
12	Transmission		7.3	5.2	(2.1)	10.7	**11.2**	0.5	0.0
13	Distribution		8.7	10.9	2.2	10.9	**9.8**	(1.1)	0.0
14	Customer Care		0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	Corporate Groups		0.0	1.4	1.4	0.0	**1.8**	1.8	0.0
16	Total		24.6	22.4	(2.2)	31.2	32.8	1.6	0.0
	Capital Asset Write-Offs								
17	Generation		0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	Transmission		0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	Distribution		0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	Customer Care		0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	Corporate Groups		0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	IPP Capital Leases								
23	Existing IPP Capital Leases		22.8	22.8	0.0	25.8	25.8	0.0	22.2
24	New Capital Leases Under IFRS		0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	Total		22.8	22.8	0.0	25.8	25.8	0.0	22.2
26	**Other Net IFRS Impact**		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Deferral Account Additions								
26.1	Transfers to NHDA		0.0	(6.1)	(6.1)	0.0	**(9.1)**	(9.1)	0.0
	Regulatory Account Additions								
27	F07/F08 RRA Depr Study		0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	Deferred Smart Metering & Infrastructure Amortization		0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	Deferred Environmental Liability		0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	**Total Gross Amortization**		698.7	691.7	(7.0)	758.0	767.2	9.2	777.2

Depreciation and Amortization
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Other Regulatory Account Additions								
32	Deferred PEI Amortization		0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	Deferred Smart Metering & Infrastructure Amortization		0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Regulatory Account Recoveries								
	DSM Amortization								
35	Generation - 90%	(2.2 L5+6) * 90%	65.9	64.0	(2.0)	75.0	71.5	(3.5)	80.3
36	Transmission - 10%	(2.2 L5+6) * 10%	7.3	7.1	(0.2)	8.3	7.9	(0.4)	8.9
37	Total		73.3	71.1	(2.2)	83.3	79.4	(3.9)	89.2
	Depr Study Amortization								
38	Generation		0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	Transmission		0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	Distribution		0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	Customer Care		0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	Corporate		0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FRSR Amortization								
44	Generation	Line 11	(8.7)	(4.9)	3.8	(9.5)	(10.0)	(0.5)	0.0
45	Transmission	Line 12	(7.3)	(5.2)	2.1	(10.7)	(11.2)	(0.5)	0.0
46	Distribution	Line 13	(8.7)	(10.9)	(2.2)	(10.9)	(9.8)	1.1	0.0
47	Customer Care	Line 14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	Corporate Groups	Line 15	0.0	(1.4)	(1.4)	0.0	(1.8)	(1.8)	0.0
49	Adjustment		0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	Total		(24.6)	(22.4)	2.2	(31.2)	(32.8)	(1.6)	0.0
51	**Pre-1996 CIAC Amortization**		(6.3)	(6.3)	0.0	(4.7)	**(4.7)**	(0.0)	**0.7**
	Capital Additions Regulatory Account								
52	Generation		0.0	0.0	0.0	0.0	0.0	0.0	0.0
53	Transmission		0.0	0.0	0.0	0.0	0.0	0.0	0.0
54	Distribution		0.0	0.0	0.0	0.0	0.0	0.0	0.0
55	Customer Care		0.0	0.0	0.0	0.0	0.0	0.0	0.0
56	Corporate Groups		(9.8)	(0.3)	9.5	(9.4)	(13.3)	(3.9)	3.5
57	Total		(9.8)	(0.3)	9.5	(9.4)	(13.3)	(3.9)	3.5
58	**Total Recoveries**		32.5	42.1	9.6	38.0	28.6	(9.4)	93.4
59	**Total Current Amortization**		731.2	739.9	8.7	796.0	804.9	8.9	870.6
	Current Amortization by Business Group								
60	Generation		312.7	321.7	9.0	332.4	269.5	(62.9)	280.0
61	Transmission		158.9	184.6	25.7	187.1	200.5	13.3	227.0
62	Distribution		211.3	176.3	(35.0)	220.6	168.6	(52.0)	180.5
63	Customer Care		22.8	22.8	0.0	25.8	25.8	0.0	22.2
64	Corporate Groups		25.5	34.5	9.0	30.1	140.5	110.5	160.9
65	Total		731.2	739.9	8.7	796.0	804.9	8.9	870.6

Finance Charges
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Increase in Cash								
1	Net Income	9.0 L54	581.5	580.8	(0.7)	651.9	653.3	1.5	692.3
2	Dividend (One Year Lag)	9.0 L4	(154.5)	(167.1)	(12.6)	(278.6)	(264.1)	14.5	(329.1)
3	Amortization	7.0 L31	698.7	691.7	(7.0)	758.0	767.2	9.2	777.2
4	Deferral Account Additions	2.1 L33	0.0	(309.8)	(309.8)	0.0	(185.8)	(185.8)	0.0
5	Deferral Account Recoveries	2.1 L35	208.4	198.1	(10.4)	223.0	214.7	(8.2)	228.7
6	Regulatory Account Additions	2.2 L220	(359.0)	(489.3)	(130.3)	(310.3)	(404.3)	(94.0)	(276.2)
7	Regulatory Account Recoveries	2.2 L222	124.5	197.8	73.2	132.9	227.4	94.6	(62.1)
8	First Nations Provisions	2.2 L16	0.0	1.4	1.4	0.0	(4.8)	(4.8)	(1.0)
9	Environmental Provisions	2.2 L128	0.0	63.8	63.8	0.0	43.1	43.1	0.0
10	Capital Expenditures	13.0 L26	(2,252.3)	(2,159.8)	92.5	(1,939.2)	(2,328.3)	(389.1)	(2,822.7)
11	Contributions in Aid	11.0 L49	85.1	334.4	249.3	124.1	93.5	(30.6)	124.2
12	Change in Sinking Funds	Line 16	(1.0)	(19.7)	(18.7)	0.1	(4.6)	(4.7)	(0.3)
13	Change in Working Cap & Other		(148.5)	(101.0)	47.5	(136.9)	**(84.1)**	52.8	**(67.2)**
14	Total		(1,217.0)	(1,178.7)	38.3	(775.1)	(1,276.8)	(501.7)	(1,736.2)
	Sinking Funds								
15	Beginning of Year		120.1	128.6	8.5	125.2	155.2	30.0	164.2
16	Change in Sinking Funds		1.0	19.7	18.7	(0.1)	**4.6**	4.7	**0.3**
17	Sinking Fund Income		4.1	6.9	2.8	4.2	**4.4**	0.2	**4.6**
18	End of Year		125.2	155.2	30.0	129.3	164.2	34.9	169.1
19	Mid-Year Balance		122.7	141.9	19.2	127.3	159.7	32.4	166.6
	Long-Term Debt								
20	Beginning of Year		11,871.5	11,935.3	63.8	12,743.1	13,329.2	586.1	15,469.4
21	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	Bonds Retired		(325.0)	(325.0)	0.0	(150.0)	**(150.0)**	0.0	**0.0**
23	Bonds Issued		0.0	1,665.0	1,665.0	0.0	**1,890.8**	1,890.8	**0.0**
24	Bonds Planned Issues		1,200.0	0.0	(1,200.0)	800.0	**400.0**	(400.0)	**1,400.0**
25	Revaluation of US $ Debt		8.8	164.6	155.8	(1.2)	**37.6**	38.8	**2.3**
26	Revaluation to Fair Value		0.0	(2.4)	(2.4)	0.0	0.0	0.0	0.0
27	Premiums/(Discounts) on Issues		0.0	(99.8)	(99.8)	0.0	**(26.9)**	(26.9)	**0.0**
28	Amortization of Issue Costs		(12.2)	(8.5)	3.7	(12.5)	**(11.3)**	1.2	**(11.5)**
29	End of Year		12,743.1	13,329.2	586.1	13,379.4	15,469.4	2,090.0	16,860.2
30	Mid-Year Balance		12,307.3	12,632.3	325.0	13,061.3	14,399.3	1,338.1	16,164.8
31	Interest Rate - Planned Issues		4.05%			5.00%	**2.57%**		**3.05%**
32	Debt Costs - Excluding Planned		609.9	637.4	27.5	608.4	**698.7**	90.3	**727.2**
33	Debt Costs - Planned Issues		24.3	0.0	(24.3)	68.6	0.0	(68.6)	21.4
34	Total Long-Term Debt Costs		634.2	637.4	3.2	677.0	698.7	21.7	748.6

Finance Charges
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Short-Term Debt								
35	Beginning of Year		3,818.9	3,762.1	(56.8)	4,164.3	3,546.9	(617.4)	2,683.4
36	Increase in Cash Requirement	Line 14	1,217.0	1,178.7	(38.3)	775.1	1,276.8	501.7	1,736.2
37	Change in Long-Term Debt	Line 20-29	(871.6)	(1,393.9)	(522.3)	(636.3)	(2,140.2)	(1,503.9)	(1,390.8)
38	End of Year		4,164.3	3,546.9	(617.4)	4,303.0	2,683.4	(1,619.6)	3,028.8
39	Mid-Year Balance		3,991.6	3,654.5	(337.1)	4,233.7	3,115.2	(1,118.5)	2,856.1
40	Interest Rate		1.28%			2.23%	**0.58%**		**0.68%**
41	Debt Costs - Interest		51.1	32.8	(18.3)	94.4	18.0	(76.4)	19.4
42	Debt Costs - Other		(0.6)	0.0	0.6	(0.2)	**(1.0)**	(0.8)	**(0.3)**
43	Total Short-Term Debt Costs		50.5	32.8	(17.7)	94.2	17.0	(77.2)	19.1
	Interest Capitalized								
44	Unfinished Construction	13.0 L62	2,978.6	2,970.0	(8.6)	2,387.5	2,647.0	259.5	2,882.6
45	Less Not Subject to IDC		(1,345.8)	(808.3)	537.6	(1,016.3)	**(690.0)**	326.3	**(615.0)**
46	Unfinished Subject to IDC		1,632.8	2,161.7	529.0	1,371.1	1,957.0	585.8	2,267.6
47	Interest Rate	Line 107	4.21%	4.13%	(0.08%)	4.47%	4.10%	(0.37%)	4.05%
48	Interest Capitalized		68.8	89.3	20.5	61.3	80.2	18.9	91.7
49	**Total Gross Finance Charges**		725.0	664.1	(60.9)	838.3	**746.9**	(91.4)	**718.6**
	Regulatory Account Additions								
50	FX Gains/Losses		1.0	17.7	16.7	(0.1)	**3.9**	4.0	**0.2**
51	Deferred IPP Capital Leases		0.0	(54.6)	(54.6)	0.0	**(72.8)**	(72.8)	**0.0**
52	Net Smart Metering & Infrastructure Impact		0.0	0.0	0.0	0.0	0.0	0.0	0.0
53	Deferred HPOP Finance Chrgs	Line 67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54	IFRS Reduced IDC Capitalized		0.0	0.0	0.0	0.0	0.0	0.0	0.0
55	Accretion - First Nations		17.5	8.6	(8.9)	17.7	**17.3**	(0.4)	**17.2**
56	Accretion - Environmental		6.0	5.7	(0.3)	6.0	**3.8**	(2.2)	**4.6**
57	Accretion - Arrow Water		0.1	0.1	0.0	0.1	**0.1**	0.0	**0.1**
58	Total		24.6	(22.4)	(47.0)	23.7	(47.7)	(71.4)	22.0
59	**Adj. for Regulatory Account Additions**		700.4	686.6	(13.9)	814.6	794.6	(20.1)	696.5

Finance Charges
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Total Before Regulatory Accounts								
60	Sinking Fund Income	Line 17	(4.1)	(6.9)	(2.8)	(4.2)	(4.4)	(0.2)	(4.6)
61	Long-Term Debt Costs	Line 34	634.2	637.4	3.2	677.0	698.7	21.7	748.6
62	Short-Term Debt Costs	Line 43	50.5	32.8	(17.7)	94.2	17.0	(77.2)	19.1
63	Interest Capitalized	Line 48	(68.8)	(89.3)	(20.5)	(61.3)	(80.2)	(18.9)	(91.7)
64	Swaps		0.0	0.0	0.0	0.0	0.0	0.0	0.0
65	Other (Income) / Loss		7.1	(20.9)	(28.0)	13.6	**11.7**	(1.9)	**(0.8)**
66	Deferred Smart Metering & Infrastructure Finance Charges		0.0	0.0	0.0	0.0	0.0	0.0	0.0
67	Deferred HPOP Finance Charges		0.0	0.0	0.0	0.0	0.0	0.0	0.0
68	Existing IPP Capital Leases		77.3	77.3	0.0	93.9	**93.9**	0.0	**34.5**
69	New Capital Leases Under IFRS		0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	IFRS Reduced IDC Capitalized		0.0	0.0	0.0	0.0	0.0	0.0	0.0
71	Accretion - ARO		1.3	1.2	(0.1)	1.3	**1.0**	(0.3)	**1.1**
72	Non-Current PEB		2.9	55.0	52.1	0.1	**56.9**	56.8	**(9.6)**
73	F2013 Correction		0.0	0.0	0.0	0.0	0.0	0.0	0.0
74	Total		700.4	686.6	(13.9)	814.6	794.6	(20.1)	696.5
	Interest on Regulatory Accounts								
75	Interest on Deferral Accounts	2.1 L34	(30.2)	(30.6)	(0.4)	(23.8)	(37.7)	(13.9)	(33.5)
76	Interest on Other Reg Accounts	2.2 L221	(37.1)	(36.6)	0.5	(38.0)	(36.1)	1.9	(34.9)
77	Total		(67.4)	(67.3)	0.1	(61.8)	(73.7)	(12.0)	(68.4)
	Regulatory Account Recoveries								
78	Amort. of FX Gains/Losses		(0.7)	(0.3)	0.4	(0.7)	**0.9**	1.6	**0.6**
79	Non-Current Pension		0.0	(52.1)	(52.1)	0.0	**(56.8)**	(56.8)	**0.0**
80	Total Finance Charges		(25.5)	39.7	65.3	(25.5)	61.3	86.9	(102.4)
81	F2013 Correction		0.0	0.0	0.0	0.0	0.0	0.0	0.0
82	Total		(26.2)	(12.6)	13.6	(26.2)	5.4	31.7	(101.8)
83	**Total Current Finance Chrgs**	L 63+66+71	606.8	606.7	(0.1)	726.6	726.3	(0.4)	526.3
	Portion of Rate Base								
84	Generation	10.0 L28	44.3%	44.4%	0.1%	42.3%	42.9%	0.6%	41.8%
85	Transmission	10.0 L29	27.5%	30.0%	2.5%	32.1%	33.3%	1.2%	35.7%
86	Distribution	10.0 L30	28.2%	25.6%	(2.6%)	25.7%	23.8%	(1.9%)	22.5%
87	Customer Care	10.0 L31	-	-	-	-	-	-	-
88	Corporate Groups	10.0 L32	-	-	-	-	-	-	-
89	Total		100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%
	Allocation of Current Finance Charges								
90	Generation		268.8	269.1	0.3	307.2	311.5	4.3	220.1
91	Transmission		167.0	182.1	15.1	233.0	242.0	9.0	187.6
92	Distribution		171.0	155.4	(15.6)	186.4	172.8	(13.7)	118.6
93	Customer Care		0.0	0.0	0.0	0.0	0.0	0.0	0.0

BC Hydro
F17-F19 RRA

Finance Charges
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5 - 4	7
94	Corporate Groups		0.0	0.0	0.0	0.0	0.0	0.0	0.0
95	Total		606.8	606.7	(0.1)	726.6	726.3	(0.4)	526.3
	Net Debt								
96	Sinking Funds	Line 18	(125.2)	(155.2)	(30.0)	(129.3)	(164.2)	(34.9)	(169.1)
97	Temporary Investments		(10.0)	(39.2)	(29.2)	(10.0)	(10.0)	0.0	(10.0)
98	Long-Term Debt	Line 29	12,743.1	13,329.2	586.1	13,379.4	15,469.4	2,090.0	16,860.2
99	Short-Term Debt	Line 38	4,164.3	3,546.9	(617.4)	4,303.0	2,683.4	(1,619.6)	3,028.8
100	Subtotal		16,772.2	16,681.7	(90.5)	17,543.1	17,978.7	435.5	19,710.0
101	IDC Adjustments		87.8	133.3	45.6	96.2	126.4	30.2	135.4
102	End of Year		16,859.9	16,815.0	(44.9)	17,639.4	18,105.1	465.7	19,845.4
103	Mid-Year Balance		16,249.3	16,224.6	(24.7)	17,249.7	17,460.1	210.4	18,975.2
	Weighted Average Cost of Debt								
104	Total Gross Finance Charges		725.0	664.1	(60.9)	838.3	746.9	(91.4)	718.6
105	IDC Adjustments		(40.3)	6.1	46.4	(67.1)	(31.2)	35.9	49.1
106	Total		684.7	670.2	(14.5)	771.2	715.7	(55.5)	767.7
107	Weighted Average Cost of Debt		4.21%	4.13%	(0.08%)	4.47%	4.10%	(0.37%)	4.05%

Return on Equity
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Shareholder's Equity								
1	Retained Earnings - Beginning of Year		3,819.7	3,811.8	(7.9)	4,122.6	4,128.5	5.9	4,452.8
2	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	Gross Return on Equity	Line 54	581.5	580.8	(0.7)	651.9	653.3	1.5	692.3
4	Dividend to Province	Line 16	(278.6)	(264.1)	14.5	(459.1)	(329.1)	130.0	(259.5)
5	Distribution to Province		0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	Retained Earnings - End of Year		4,122.6	4,128.5	5.9	4,315.4	4,452.8	137.4	4,885.6
7	Accum Other Comp Income		70.4	(222.5)	(292.9)	70.4	**470.5**	400.1	**41.9**
8	OCI Deferred (Pension)		0.0	264.5	264.5	0.0	**(428.6)**	(428.6)	**0.0**
9	Total Shareholder's Equity		4,193.0	4,170.5	(22.5)	4,385.8	4,494.7	108.9	4,927.5
	Dividend to Province								
10	Net Income	Line 54	581.5			651.9	653.3		692.3
11	IDC (net of amortization)		0.0			0.0	0.0		0.0
12	Distributable Surplus		581.5			651.9	653.3		692.3
13	Maximum Dividend Percentage		85.0%			85.0%	**85.0%**		**85.0%**
14	Maximum Dividend Amount		494.3			554.1	555.3		588.4
15	Minimum Equity Percentage		20.0%			20.0%	**20.0%**		**20.0%**
16	Dividend to Province		278.6			459.1	329.1		259.5
	Deferred Revenue								
17	Skagit - Beginning of Year								
18	Payments Received								
19	Interest								
20	Revenues Earned								
21	Skagit - End of Year								
	Return on Equity								
22	Shareholder's Equity	Line 9							
23	Deferred Revenue	Line 21							
24	Contributions - Columbia River								
25	Contributions - EARG								
26	Contributions - Field Operations								
27	Contributions - Transmission								
28	Pre-1996 CIAC Adjustment								
29	Total Equity								
	Capitalization								
30	Net Debt	8.0 L100	16,772.2	16,681.7	(90.5)	17,543.1	17,978.7	435.5	19,710.0
31	Shareholder's Equity	Line 9	4,193.0	4,170.5	(22.5)	4,385.8	4,494.7	108.9	4,927.5
32	Total		20,965.2	20,852.2	(113.0)	21,928.9	22,473.4	544.4	24,637.5
	Capital Structure								
33	Net Debt		80.0%	80.0%	(0.0%)	80.0%	80.0%	-	80.0%
34	Equity		20.0%	20.0%	0.0%	20.0%	20.0%	-	20.0%
35	Total		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Return on Equity
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Deemed Equity								
36	Rate Base	10.0 L26	17,116.0	16,596.1	(519.9)	19,215.9	18,815.6	(400.3)	19,726.1
37	Pre-1996 Customer Contns	2.2 L42	(87.4)	(87.4)	0.0	(92.1)	(92.1)	0.0	(91.4)
38	Powerex & Powertech Assets		24.4	50.7	26.3	26.6	**60.0**	33.4	**61.3**
39	Columbia River Treaty Contns	11.0 L10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	Allowance for Working Capital		250.0	250.0	0.0	250.0	**250.0**	0.0	**250.0**
41	Total		17,303.0	16,809.4	(493.6)	19,400.4	19,033.5	(366.9)	19,946.0
42	Deemed Equity Percentage		30.0%	30.0%	0.0%	30.0%	**30.0%**	0.0%	**30.0%**
43	Year-End Deemed Equity		5,190.9	5,042.8	(148.1)	5,820.1	5,710.1	(110.1)	5,983.8
44	Mid-Year Deemed Equity		4,911.7	4,855.1	(56.6)	5,505.5	5,376.4	(129.1)	5,846.9
45	Achieved ROE			11.96%			12.15%		
46	Allowed ROE / Derived ROE (F18-F19)		11.84%			11.84%			**11.84%**
47	Return on Equity		581.5	580.8	(0.7)	651.9	653.3	1.5	692.3
48	BC CPI Forecast								
49	Return on Equity incl. CPI Adjustment								692.3
50	F11 RRA NSA Adjustment		0.0	0.0	0.0	0.0	0.0	0.0	0.0
51	Amortize PEI Reg Acct		0.0	0.0	0.0	0.0	0.0	0.0	0.0
52	IFRS ROE Impact		0.0	0.0	0.0	0.0	0.0	0.0	0.0
53	Deferred Smart Metering & Infrastructure ROE		0.0	0.0	0.0	0.0	0.0	0.0	0.0
54	Gross Return on Equity		581.5	580.8	(0.7)	651.9	653.3	1.5	692.3
	F2010 ROE Regulatory Account Transfers								
55	Additions		0.0	0.0	0.0	0.0	0.0	0.0	0.0
56	Recoveries		(11.3)	(11.3)	0.0	0.0	0.0	0.0	0.0
57	Total		(11.3)	(11.3)	0.0	0.0	0.0	0.0	0.0
58	**Current Return on Equity**		592.8	592.1	(0.7)	651.9	653.3	1.5	692.3
	Portion of Rate Base								
59	Generation	10.0 L28	44.3%	44.4%	0.1%	42.3%	42.9%	0.6%	41.8%
60	Transmission	10.0 L29	27.5%	30.0%	2.5%	32.1%	33.3%	1.2%	35.7%
61	Distribution	10.0 L30	28.2%	25.6%	(2.6%)	25.7%	23.8%	(1.9%)	22.5%
62	Customer Care	10.0 L31	-	-	-	-	-	-	-
63	Corporate Groups	10.0 L32	-	-	-	-	-	-	-
64	Total		100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%
	Allocation of ROE								
65	Generation		262.6	262.7	0.0	275.6	280.2	4.7	289.5
66	Transmission		163.1	177.7	14.6	209.0	217.7	8.6	246.8
67	Distribution		167.1	151.7	(15.4)	167.3	155.4	(11.8)	156.0
68	Customer Care		0.0	0.0	0.0	0.0	0.0	0.0	0.0
69	Corporate Groups		0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	Total		592.8	592.1	(0.7)	651.9	653.4	1.5	692.3

Rate Base
($ million)

Line		Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
				1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Generation									
1	Net Assets in Service		12.2 L15	6,315.8	6,200.9	(114.9)	6,732.6	6,555.5	(177.2)	6,711.7
2	Net Contributions		11.0 L21	(2.7)	(3.3)	(0.6)	(2.3)	(3.2)	(0.9)	(2.9)
3	90% of Net DSM		2.2 L7 x 90%	808.0	757.3	(50.7)	851.0	818.5	(32.6)	859.0
4	Total			7,121.1	6,954.9	(166.2)	7,581.3	7,370.7	(210.6)	7,567.8
5	Mid-Year			6,866.6	6,797.0	(69.6)	7,351.2	7,162.8	(188.4)	7,469.3
	Transmission									
6	Net Assets in Service		12.4 L15	5,043.4	5,406.2	362.8	6,535.7	6,609.0	73.3	7,045.2
7	Net Contributions		11.0 L32	(285.9)	(528.1)	(242.2)	(324.3)	(534.5)	(210.2)	(568.7)
8	10% of Net DSM		2.2 L7 x 10%	89.8	84.1	(5.6)	94.6	90.9	(3.6)	95.4
9	Total			4,847.3	4,962.3	115.0	6,306.0	6,165.4	(140.5)	6,571.9
10	Mid-Year			4,265.2	4,599.0	333.8	5,576.6	5,563.8	(12.8)	6,368.7
	Distribution									
11	Net Assets in Service		12.5 L16	5,363.4	4,963.4	(400.0)	5,493.8	4,946.2	(547.6)	5,144.5
12	Net Contributions		11.0 L46	(949.0)	(964.5)	(15.5)	(984.6)	(999.3)	(14.7)	(1,039.9)
13	Total			4,414.4	3,998.8	(415.6)	4,509.2	3,946.9	(562.3)	4,104.5
14	Mid-Year			4,368.1	3,925.8	(442.3)	4,461.8	3,972.8	(489.0)	4,025.7
	Customer Care									
15	Net Assets in Service		12.3 L14	(0.0)	(0.0)	0.0	(0.0)	(0.0)	0.0	(0.0)
16	Net Contributions			0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	Total			(0.0)	(0.0)	0.0	(0.0)	(0.0)	0.0	(0.0)
18	Mid-Year			(0.0)	(0.0)	0.0	(0.0)	(0.0)	0.0	(0.0)
	Corporate Groups									
19	Net Assets in Service		12.1 L14	733.2	680.1	(53.1)	819.4	1,332.6	513.2	1,481.8
20	Net Contributions			0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	Total			733.2	680.1	(53.1)	819.4	1,332.6	513.2	1,481.8
22	Mid-Year			683.3	656.8	(26.5)	776.3	1,006.4	230.0	1,407.2
	Total									
23	Net Assets in Service			17,455.9	17,250.6	(205.3)	19,581.6	19,443.2	(138.4)	20,383.2
24	Net Contributions			(1,237.7)	(1,496.0)	(258.3)	(1,311.3)	(1,537.1)	(225.8)	(1,611.6)
25	Net DSM			897.8	841.4	(56.3)	945.6	909.4	(36.2)	954.5
26	Total			17,116.0	16,596.1	(519.9)	19,215.9	18,815.6	(400.3)	19,726.1
27	Mid-Year			16,183.2	15,978.5	(204.7)	18,165.9	17,705.8	(460.1)	19,270.8
	Portion of Rate Base									
28	Generation			44.3%	44.4%	0.1%	42.3%	42.9%	0.6%	41.8%
29	Transmission			27.5%	30.0%	2.5%	32.1%	33.3%	1.2%	35.7%
30	Distribution			28.2%	25.6%	(2.6%)	25.7%	23.8%	(1.9%)	22.5%
31	Customer Care			-	-	-	-	-	-	-
32	Corporate Groups			-	-	-	-	-	-	-
33	Total			100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%

Contributions
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Contributions - Columbia River Treaty								
1	Gross Contns - Beginning of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	Retirements		0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	Gross Contns - End of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Accum Amort - Beginning of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	Amortization		0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	Retirements		0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	Accum Amort - End of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	Net Contribution - End of Year		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Contributions in Aid - Generation								
11	Gross Contns - Beginning of Year		8.9	9.0	0.1	8.9	9.4	0.5	9.6
12	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	**0.2**	0.2	0.0
13	Additions		0.0	0.4	0.4	0.0	0.0	0.0	0.0
14	Retirements & Transfers		0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	Gross Contns - End of Year		8.9	9.4	0.5	8.9	9.6	0.7	9.6
16	Accum Amort - Beginning of Year		5.8	5.8	0.0	6.2	6.1	(0.1)	6.4
17	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	Amortization		0.4	0.3	(0.1)	0.4	**0.3**	(0.1)	**0.3**
19	Retirements & Transfers		0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	Accum Amort - End of Year		6.2	6.1	(0.1)	6.6	6.4	(0.2)	6.7
21	Net Contributions - End of Year		2.7	3.3	0.6	2.3	3.2	0.9	2.9
	Contributions in Aid - Transmission								
22	Gross Contns - Beginning of Year		358.1	379.6	21.5	377.8	620.3	242.5	639.7
23	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	Additions		19.8	242.8	223.0	49.3	**19.5**	(29.8)	**47.8**
25	Retirements & Transfers		(0.1)	(2.1)	(2.0)	(0.1)	**(0.1)**	0.0	**(0.1)**
26	Gross Contns - End of Year		377.8	620.3	242.5	427.0	639.7	212.7	687.4
27	Accum Amort - Beginning of Year		83.9	84.8	0.9	91.9	92.2	0.3	105.2
28	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	Amortization		8.0	8.3	0.3	10.8	**13.0**	2.2	**13.5**
30	Retirements & Transfers		0.0	(0.9)	(0.9)	0.0	0.0	0.0	0.0
31	Accum Amort - End of Year		91.9	92.2	0.3	102.7	105.2	2.5	118.7
32	Net Contributions - End of Year		285.9	528.1	242.2	324.3	534.5	210.2	568.7

Contributions
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5- 4	7
	Contributions in Aid - Distribution								
33	Gross Contns - Beginning of Year		1,515.3	1,502.5	(12.8)	1,578.0	1,590.3	12.3	1,661.3
34	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	Additions		65.3	91.2	25.9	74.8	**74.0**	(0.8)	**76.4**
36	Smart Metering & Infrastructure Legacy Meters		0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	Retirements & Transfers		(2.6)	(3.4)	(0.8)	(2.7)	**(3.0)**	(0.3)	**(3.3)**
38	Gross Contns - End of Year		1,578.0	1,590.3	12.3	1,650.1	1,661.3	11.2	1,734.4
39	Accum Amort - Beginning of Year		592.7	590.5	(2.2)	628.9	625.7	(3.2)	661.9
40	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	Amortization		29.9	29.7	(0.2)	31.8	**31.5**	(0.3)	**33.2**
42	Amortization of Pre-1996 CIAC	2.2 L41	6.3	6.3	(0.0)	4.7	4.7	0.0	(0.7)
43	Smart Metering & Infrastructure Legacy Meters		0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	Retirements & Transfers		0.0	(0.8)	(0.8)	0.0	0.0	0.0	0.0
45	Accum Amort - End of Year		628.9	625.7	(3.2)	665.4	661.9	(3.5)	694.4
46	Net Contributions - End of Year		949.0	964.5	15.5	984.6	999.3	14.7	1,039.9
	Contributions in Aid - Total								
47	Gross Contns - Beginning of Year		1,882.3	1,891.0	8.7	1,964.7	2,219.9	255.2	2,310.5
48	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.2	0.2	0.0
49	Additions		85.1	334.4	249.3	124.1	93.5	(30.6)	124.2
50	Smart Metering & Infrastructure Legacy Meters		0.0	0.0	0.0	0.0	0.0	0.0	0.0
51	Retirements & Transfers		(2.7)	(5.5)	(2.8)	(2.8)	(3.1)	(0.3)	(3.4)
52	Gross Contns - End of Year		1,964.7	2,219.9	255.2	2,086.0	2,310.5	224.5	2,431.3
53	Accum Amort - Beginning of Year		682.4	681.1	(1.3)	727.0	724.0	(3.1)	773.5
54	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	0.0	0.0	0.0
55	Amortization		38.3	38.3	0.0	43.0	44.8	1.8	47.0
56	Amortization of Pre-96 CIAC		6.3	6.3	(0.0)	4.7	4.7	0.0	(0.7)
57	Smart Metering & Infrastructure Legacy Meters		0.0	0.0	0.0	0.0	0.0	0.0	0.0
58	Retirements & Transfers		0.0	(1.7)	(1.7)	0.0	0.0	0.0	0.0
59	Accum Amort - End of Year		727.0	724.0	(3.1)	774.7	773.5	(1.2)	819.8
60	Net Contributions - End of Year		1,237.7	1,496.0	258.3	1,311.3	1,537.1	225.8	1,611.6

BC Hydro
F17-F19 RRA

Assets - Total (Excluding DSM and IPP Capital Leases)
($ million)

Line	Column	Reference	F2015 RRA	F2015 Actual	F2015 Diff	F2016 RRA	F2016 Forecast	F2016 Diff	F2017 Plan
			1	2	3 = 2 - 1	4	5	6 = 5 - 4	7
	Gross Assets in Service								
1	Opening Balance		17,340.1	17,458.7	118.6	19,817.5	19,559.9	(257.6)	22,473.0
2	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	(0.4)	(0.4)	0.0
3	Capital Additions		2,511.7	2,153.7	(358.0)	2,862.2	2,948.7	86.5	1,731.0
4	Retirements & Transfers		(34.2)	(52.5)	(18.3)	(35.4)	(35.2)	0.3	(36.0)
5	Closing Balance		19,817.5	19,559.9	(257.6)	22,644.3	22,473.0	(171.3)	24,168.0
	Accumulated Amortization								
6	Opening Balance		1,710.4	1,675.6	(34.8)	2,361.7	2,309.3	(52.4)	3,029.8
7	Adjustment to Opening Balance		0.0	0.0	0.0	0.0	(0.2)	(0.2)	0.0
8	Amortization on Existing Assets		616.6	627.4	10.8	594.3	607.2	12.8	725.2
9	Amortization on Additions		34.7	25.2	(9.5)	106.7	110.5	3.8	29.8
10	Amort on CRT Contribution		0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	Accelerated Amort on Burrard		0.0	3.0	3.0	0.0	3.0	3.0	0.0
11	Smart Metering & Infrastructure New Assets		0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	Smart Metering & Infrastructure Legacy Meters		0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	Capital Asset Write-Offs		0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	Depn Study Adjustment		0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	Retirements & Transfers		0.0	(21.9)	(21.9)	0.0	0.0	0.0	0.0
16	Closing Balance		2,361.7	2,309.3	(52.4)	3,062.7	3,029.8	(32.9)	3,784.8
17	**Net Assets in Service (Year-End)**		17,455.9	17,250.6	(205.3)	19,581.6	19,443.2	(138.4)	20,383.2

BC Hydro
Power smart

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Appendix C

Regulatory Context for Setting BC Hydro's Rates

This appendix consists of two parts. The first part, **section A**, provides a description of the overall regulatory context for the setting of BC Hydro's rates.

In **section B**, BC Hydro discusses the F2007/F2008 Revenue Requirements Application proceeding, which resulted in Commission Order No. G-70-06.

Section A - Regulatory Context for Setting BC Hydro's Rates

The *Hydro and Power Authority Act* provides BC Hydro its powers and mandate to generate, conserve, acquire and supply electricity and related products. The *Hydro and Power Authority Act* also specifies the statutory provisions of B.C. that apply to BC Hydro, including the *Clean Energy Act* and most but not all provisions of the *Utilities Commission Act*.

The *Hydro and Power Authority Act*, section 32(x), specifies that the *Utilities Commission Act* applies to BC Hydro, except sections 44.1, 50, 51(c), 52, 57(2), 95 and 98. BC Hydro is a public utility under the *Utilities Commission Act*, and its rates are subject to approval by the Commission in accordance with the applicable provisions of the *Utilities Commission Act*, *Clean Energy Act* and regulations.

In 2014, the Government of British Columbia enacted a new regulatory framework regarding the Commission's oversight of BC Hydro's rates through the following:

1. Direction No. 6 to the Commission, which compelled certain F2015 and F2016 revenue requirement and rate orders. Those requirements were fulfilled by Commission Order No. G-48-14 dated March 24, 2014, and as a result Direction No. 6 no longer has any effect.
2. Direction No. 7 to the Commission, which continues the essential elements of the Heritage Contract framework formerly prescribed in Heritage Special Direction No. HC2 (**HSD#2**) and establishes new guidelines and requirements for setting BC Hydro's rates going forward. The Order in Council enacting Direction No. 7 also repealed HSD#2.

3. Order in Council No. 095/2014 enacted an amendment to Heritage Special Directive No. HC1 (**HSD#1**) to BC Hydro, which has the effect of reducing BC Hydro's annual dividend to the Province after 2017 until it reaches zero and keeping it at zero until BC Hydro's debt-equity ratio reaches 60:40.

Direction No. 7 in particular applies to the Commission's regulation of BC Hydro's rates going forward, including for the F2017 period addressed in this application.

Direction No. 7 was issued pursuant to section 3(1) of the *Utilities Commission Act*. Section 3(2) of the *Utilities Commission Act* provides that the Commission must comply with a direction issued under subsection 3(1) despite any other provision of the *Utilities Commission Act*, the *Clean Energy Act*, the regulations under either of those Acts, and any previous Commission decision.

A complete copy of Direction No. 7 is enclosed as Attachment 1 of Appendix C. The provisions of Direction No. 7 that are applicable to the setting of BC Hydro's F2017 rates are summarised as follows:

- BC Hydro's rates for F2017 must not be increased by more than 4 per cent, on average, compared to the rates in effect before the increase;[1]
- The Commission must order BC Hydro to defer to the Rate Smoothing Regulatory Account the portion of BC Hydro's allowed revenue requirement for F2017 that is forecast not to be recovered by the rates set in accordance with the rule above;[2]
- The deferral account rate rider remains at 5 per cent;[3]
- The Commission must ensure that the rates allow BC Hydro to collect sufficient revenue to enable it to (a) provide reliable electricity service, (b) meet all of its debt service, tax and other financial obligations, (c) comply with government

[1] Direction No. 7, section 9(1).
[2] Direction No. 7, section 9(2).
[3] Direction No. 7, section 10.

policy directives requiring BC Hydro to construct, operate or extend a plant or system;[4]

- The calculation of BC Hydro's deemed equity for rate-making purposes is prescribed, and BC Hydro's allowed rate of return on deemed equity for F2017 is equal to 11.84 per cent;[5]
- The Commission must ensure that the rates allow BC Hydro to allocate annual distributable surpluses in the manner specified by HSD#1;[6]
- Requirements for regulatory accounts;[7]
- The net income of BC Hydro's subsidiaries is to be included for rate-making purposes;[8] and
- The Commission must not disallow the recovery in rates of the costs that have been incurred by BC Hydro or its subsidiary Powerex Corp. related to:[9]
  - the construction of extensions to BC Hydro's plant or system that come into service before F2017;
  - energy supply contracts entered into before F2017;
  - the Rock Bay settlement;
  - the First Nations settlements;
  - the California settlements;
  - the Burrard costs; and
  - the costs deferred in the SMI regulatory account.

4 Direction No. 7, section 4(a)-(c).
5 Direction No. 7, section 4(d)(i).
6 Direction No. 7, section 8.
7 Direction No. 7, section 7.
8 Direction No. 7, section 6.
9 Direction No. 7, section 11. These terms are defined in section 1 of Direction No. 7.

The F2017 Revenue Requirements Model provided in Appendix B to this application is presented in accordance with the requirements of Direction No. 7 as summarised above.

Further details on the legal and regulatory framework applicable to BC Hydro will be provided in the complete F2017 to F2019 Revenue Requirements Application.

In 2014, the Government of British Columbia enacted a new regulatory framework regarding the Commission's oversight of BC Hydro's rates through Direction No. 6, Direction No. 7 and Order in Council No. 095/2014.

Direction No. 7 applies to the Commission's regulation of BC Hydro's rates going forward, including for the F2017 period addressed in this application. A number of the provisions of Direction No. 7 are summarised below. A more complete discussion of the regulatory context including Direction No. 6, Direction No. 7 and Order in Council No. 095/2014, is provided in Appendix C. Direction No. 7 provides that:

BC Hydro's rates for F2017 must not be increased by more than 4 per cent, on average, compared to the rates in effect before the increase;[10]

The Commission must order BC Hydro to defer to the Rate Smoothing Regulatory Account the portion of BC Hydro's allowed revenue requirement for F2017 that is forecast not to be recovered by the rates set in accordance with the rule above;[11]and

The deferral account rate rider remains at 5 per cent.[12]

Direction No. 7 was issued pursuant to section 3(1) of the Utilities Commission Act. Section 3(2) of the Utilities Commission Act provides that the Commission must comply with a direction issued under subsection 3(1) despite any other provision of

[10] Direction No. 7, section 9(1).
[11] Direction No. 7, section 9(2).
[12] Direction No. 7, section 10.

the Utilities Commission Act, the Clean Energy Act, the regulations under either of those Acts, and any previous Commission decision.

Section B - Commission Order No. G-70-06.

BC Hydro acknowledges that this application and the full Revenue Requirements Application to be filed this summer are similar in some respects to the F2007/F2008 Revenue Requirements Application. With respect to that earlier application, in a March 15, 2006 letter BC Hydro submitted an extract to the Commission from BC Hydro's 2006/07-2008/09 Service Plan which demonstrated that in the absence of a rate increase BC Hydro would suffer a significant shortfall in its F2007 and F2008 revenue requirements.

In the March 15, 2006 letter BC Hydro sought an order from the Commission declaring that its rates were interim effective April 1, 2006 on the basis of the Service Plan extract and the obligation of the Commission to ensure that BC Hydro's rates met the statutory standard of fair, just and reasonable. BC Hydro did not seek a rate increase in the March 15, 2006 letter; it simply asked for, and received, an order establishing its then-current rates as interim. BC Hydro also advised that it planned to file the balance of the F2007/F2008 Revenue Requirements Application in or about late April 2006.

The Commission granted the requested order on March 23, 2006 (Order No. G-32-06).

BC Hydro filed the complete F2007/F2008 Revenue Requirements Application on May 25, 2006, about a month later than it had expected it would in its March 15, 2016 letter. In the complete F2007/F2008 Revenue Requirements Application BC Hydro requested rate increases effective July 1, 2006 and April 1, 2007. It also requested approval of a regulatory account that would capture the revenue deficiency that arose between April 1, 2006 and the date the rates were increased.

In the meantime, certain interveners had sought reconsideration of Order No. G-32-06. The Commission accepted that the reconsideration of Order No. G-32-06 should proceed on the basis of whether delays in the filing of the F2007/F2008 Revenue Requirements Application – primarily the one month delay between late April and May 25, 2006 - justified the rescission of Order No. G-32-06. By Order No. G-70-06 the Commission concluded they did not: "The conclusion [in Order No. G-32-06] that the current rates are no longer just and reasonable does not change with the one month delayed filing"; and "the Commission has a duty to approve rates that will provide a reasonable opportunity to earn a fair return on invested capital". However, the Commission also observed that "a delay in rate-setting may disadvantage customers for reasons of uncertainty, planning or an unexpected thirteenth bill in a year". Further, in its comments included in the reasons for Order No. G-70-06 the Commission also noted that utilities have an obligation to contribute to an efficient and effective regulatory process, which includes filing revenue requirement applications at least 30 days before any requested rate increase.

BC Hydro submits that there are significant differences between the current circumstances and those of 2006. Most obviously, this application is being filed 32 days before April 1, 2016, unlike the letter application in 2006, which was filed only two weeks before the date the requested order was to have effect. More importantly, BC Hydro is seeking a rate increase on April 1, 2016 of 4.0 per cent that is clearly justified on the evidence under any reasonable outcome of the hearing of this application. Accordingly there is no question of customer uncertainty or planning difficulties, a considerable and appropriate concern of both BC Hydro and the Commission. For these reasons BC Hydro believes that it has fully addressed in this application the concerns raised by the Commission in Order No. G-70-06.

BC Hydro
Power smart

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Appendix C

Attachment 1

Direction No. 7

PROVINCE OF BRITISH COLUMBIA

ORDER OF THE LIEUTENANT GOVERNOR IN COUNCIL

Order in Council No. 097 , *Approved and Ordered* March 05, 2014

Judith D. Guichon
Lieutenant Governor

Executive Council Chambers, Victoria

On the recommendation of the undersigned, the Lieutenant Governor, by and with the advice and consent of the Executive Council, orders that

(a) the Heritage Special Direction No. HC2 to the British Columbia Utilities Commission, B.C. Reg. 158/2005, is repealed, and

(b) the attached Direction No. 7 to the British Columbia Utilities Commission is made.

DEPOSITED
March 6, 2014
B.C. REG. 28/2014

Minister of Energy and Mines and
Minister Responsible for Core Review

Presiding Member of the Executive Council

(This part is for administrative purposes only and is not part of the Order.)

Authority under which Order is made:

Act and section: *Utilities Commission Act*, R.S.B.C. 1996, c. 473, s. 3;
BC Hydro Public Power Legacy and Heritage Contract Act, S.B.C. 2003, c. 86, s. 4

Other: OIC 1123/2003

February 18, 2014 R/113/2014/27

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DIRECTION NO. 7 TO THE BRITISH COLUMBIA UTILITIES COMMISSION

Contents

Definitions

1 In this direction:

"Act" means the *Utilities Commission Act*;

"asbestos remediation costs" means the costs that are subject to the asbestos remediation regulatory account;

"asbestos remediation regulatory account" means the regulatory account established under commission order G-7-13;

"base line rate change" means, for each of F2017, F2018 and F2019, the year-over-year increase in the authority's average rates that the commission determines it would have ordered but for section 9 (1) of this direction, expressed as a percentage;

"Burrard costs" means the costs incurred by the authority in F2014 or a later fiscal year arising from the decommissioning of those portions of Burrard Thermal that are not required for transmission support services, including, without limitation, employee retention costs incurred as a result of the decommissioning, costs incurred as penalties or damages that arise in consequence of the decommissioning, and the net increase in amortization expense in F2015 and F2016 arising from a commission order under section 15 of this direction;

"Burrard Thermal" has the same meaning as in the *Clean Energy Act*;

"California settlements" means the settlement of litigation between Powerex Corp. and various California parties arising from events and transactions in the

California power market during 2000 and 2001, as approved by the Federal Energy Regulatory Commission (US) on October 4, 2013;

"debt" has the same meaning as in Heritage Special Directive No. HC1 to the British Columbia Hydro and Power Authority;

"deemed equity" means, for any fiscal year, the product obtained by multiplying the rate base relating to that year by 30%;

"deferral account rate rider" means the surcharge, expressed as a percentage, as set out in rate schedule 1901 of the authority;

"distributable surplus" has the same meaning as in Heritage Special Directive No. HC1 to the British Columbia Hydro and Power Authority;

"DSM regulatory account" means the regulatory account of the authority established under commission order G-55-95;

"F2014" means the authority's fiscal year commencing April 1, 2013 and ending March 31, 2014;

"F2015" means the authority's fiscal year commencing April 1, 2014 and ending March 31, 2015;

"F2016" means the authority's fiscal year commencing April 1, 2015 and ending March 31, 2016;

"F2017" means the authority's fiscal year commencing April 1, 2016 and ending March 31, 2017;

"F2018" means the authority's fiscal year commencing April 1, 2017 and ending March 31, 2018;

"F2019" means the authority's fiscal year commencing April 1, 2018 and ending March 31, 2019;

"First Nations settlements" means the settlement of litigation between the authority and the Tsay Keh Dene and Kwadacha First Nations, and the settlement of damages claims by the St'at'imc First Nation against the authority, as agreed to between the authority and the first nation on August 31, 2009, November 27, 2008 and May 10, 2011, respectively;

"government policy directive" means a directive in writing to the authority from the minister responsible for the administration of the *Hydro and Power Authority Act*;

"heritage contract" means the document attached as Appendix A to this direction;

"heritage deferral account" means the Heritage Payment Obligation Deferral Account established under commission order G-96-04 and the direction in section 4.5 of the reasons that accompany that order;

"heritage energy" has the same meaning as in the heritage contract;

"heritage payment obligation" has the same meaning as in the heritage contract;

"heritage resources" has the same meaning as in the heritage contract;

"non-current pension costs" means the costs that are subject to the non-current pension costs regulatory account;

"non-current pension costs regulatory account" means the regulatory account established under commission order G-16-09 and the direction in section 5.5.5 of the reasons that accompany that order;

"non-heritage deferral account" means the Non Heritage Deferral Account established under commission order G-96-04 and the direction in section 4.5 of the reasons that accompany that order;

"public awareness program" has the same meaning as in the Demand-Side Measures Regulation;

"rate base" means, in relation to a fiscal year of the authority, the amount determined in accordance with the following equation and notes:

$$RB = WCA + (A+B+C)/2 - (D + E + F)/2$$

where

RB = rate base;

WCA = working capital amount of $250 million;

A, B, D, E and F = the sum of an amount the authority forecasts will be listed as follows in the authority's audited financial statements at the end of the previous fiscal year and the amount the authority forecasts will be similarly listed at the end of the applicable fiscal year:

- A is the amount listed as property, plant and equipment in service, less accumulated amortization;
- B is the amount listed as intangible assets in service, less accumulated amortization;
- D is the amount listed as contributions in aid of construction;
- E is the amount listed as contributions arising from the Columbia River Treaty;
- F is the amount listed as leased assets included in A, less accumulated amortization;

C = the sum of the balance the authority forecasts for DSM regulatory account at the beginning of the fiscal year and the balance the authority forecasts for the same account at the end of the fiscal year.

Notes:

1 In determining rate base for a fiscal year, the amounts A, B and F must have subtracted from them any amount included in them that is an expenditure incurred by the authority on or after April 1, 2011, that the commission determines under the Act must not be recovered by the authority in rates.

2 In determining rate base for a fiscal year, the amount D must have subtracted from it any amount included in it that is related to an expenditure referred to in note 1;

"rate smoothing regulatory account" means the regulatory account the commission must allow the authority to establish under section 7 (h) (i) of this direction;

"real property sales regulatory account" means the regulatory account the commission must allow the authority to establish under section 7 (h) (ii) of this direction;

"retail access program" has the same meaning as in commission order G-39-12;

"Rock Bay costs" means the costs of the authority in F2014 or a later fiscal year subject to the Rock Bay remediation regulatory account;

"Rock Bay remediation regulatory account" means the regulatory account established under commission order G-75-11;

"Rock Bay settlement" means the settlement of litigation between the authority and the Attorney General of Canada as concluded through the issuance of a consent dismissal order in favour of the authority on June 1, 2012;

"SMI regulatory account" means the regulatory account established under commission order G-64-09;

"specified demand-side measure" has the same meaning as in the Demand-Side Measures Regulation;

"trade income" means,

(a) for all of the authority's fiscal years except F2014, the greater of the following:

(i) the amount that is equal to the authority's consolidated net income, less the authority's net income, less the net income of the authority's subsidiaries except Powerex Corp., less the amount that the authority's consolidated net income changes due to foreign currency translation gains and losses on intercompany balances between the authority and Powerex Corp;

(ii) zero, and

(b) for F2014, the amount that is equal to the authority's consolidated net income, less the authority's net income, less the net income of the authority's subsidiaries except Powerex Corp., less the amount that the authority's consolidated net income changes due to foreign currency transaction gains and losses on intercompany balances between the authority and Powerex Corp.;

"trade income deferral account" means the regulatory account established under commission order G-96-04 and the direction in section 4.6 of the reasons that accompany that order;

"transmission rate customers" means industrial or commercial customers of the authority who are eligible for service under rates designed by the commission under section 3 (1).

Application

2 This direction is issued to the commission under section 3 of the Act.

Consideration in designing rates for transmission rate customers

3 (1) In designing rates for the authority's transmission rate customers, the commission must ensure that those rates are consistent with recommendations #8

to #15 inclusive in the commission's report and recommendations to the Lieutenant Governor in Council dated October 17, 2003.

(2) Without limiting subsection (1), the commission must ensure the following:

(a) the rates for the authority's transmission rate customers are subject to

(i) the terms and conditions found in Supplements 5 and 6 to the authority's tariff, and

(ii) any other terms and conditions the commission considers appropriate for those rates;

(b) customers who own multiple plants under common ownership may engage in load aggregation for energy, if each plant

(i) is in operation, and

(ii) meets the requirements to be a transmission rate customer that are set out in the authority's electric tariff, or is otherwise authorized by the commission to be treated as a transmission rate customer.

Basis for establishing authority revenue requirements

4 Subject to section 7, in regulating and setting rates for the authority, the commission must ensure that those rates allow the authority to collect sufficient revenue in each fiscal year to enable the authority to

(a) provide reliable electricity service,

(b) meet all of its debt service, tax and other financial obligations,

(c) comply with government policy directives, including, without limitation, government policy directives requiring the authority to construct, operate or extend a plant or system, and

(d) achieve an annual rate of return on deemed equity

(i) for F2015, F2016 and F2017, that is equal to 11.84%,

(ii) for F2018 and subsequent fiscal years the annual rate of return on deemed equity that would be necessary to yield a distributable surplus in the applicable fiscal year equal to the product of

(A) the distributable surplus in the immediately preceding fiscal year, and

(B) 100% plus the percentage change in the British Columbia consumer price index in the applicable fiscal year.

Determining the cost of energy

5 In setting the authority's rates, the commission

(a) must treat the heritage contract as if it were a legally binding agreement between 2 arms-length parties,

(b) must determine the energy required by the authority to meet its domestic service obligations and must determine the cost to the authority of the portion of that required energy that is in excess of the energy supplied under the heritage contract,

(c) may employ any mechanism, formula or other method authorized by section 60 (1) (b.1) of the Act, and

(d) unless a different mechanism, formula or method is employed under paragraph (c), must ensure that electricity used by the authority to meet its domestic service obligations is provided to customers on a cost-of-service basis.

Use of trade income in setting rates

6 In setting rates for the authority, the commission must include the net income of the authority's subsidiaries, assuming that the net income of Powerex Corp. equals trade income.

Regulatory accounts

7 When regulating and setting rates for the authority, the commission

(a) must allow the authority to continue to defer to the heritage deferral account the variances between the actual and forecast heritage payment obligation,

(b) must allow the authority to continue to defer to the trade income deferral account the variances between actual and forecast trade income,

(c) must, in regard to the non-heritage deferral account, allow the authority to

(i) continue to defer to that account the variances between actual and forecast cost of energy arising from differences between actual and forecast domestic customer load, and

(ii) defer to that account the Burrard costs,

(d) must, in regard to the DSM regulatory account, allow the authority to

(i) defer to that account the authority's costs arising from its development, implementation and administration of demand-side measures, including costs arising from specified demand-side measures and public awareness programs, and

(ii) amortize from that account in each fiscal year an amount equal to the sum of

(A) the amount amortized in the immediately preceding fiscal year less the amortization in that year associated with costs incurred more than 15 fiscal years prior to that year, and

(B) the product of the amount deferred to that account in the immediately preceding fiscal year and 1/15,

(e) must allow the authority to continue to defer to the Rock Bay remediation regulatory account the Rock Bay costs,

(f) must allow the authority to continue to defer to the asbestos remediation regulatory account the variances between actual and forecast asbestos remediation costs,

(g) must allow the authority to continue to defer to the non-current pension costs regulatory account the variances between actual and forecast non-current pension costs,

(h) must allow the authority to establish the following regulatory accounts:

(i) an account to defer for recovery in rates in future fiscal years of the authority those portions of the authority's allowed revenue requirement in a particular fiscal year that were not or are not to be recovered in rates in that particular fiscal year;

(ii) an account to defer the variances between the authority's actual and forecast real property gain/loss,

(i) must allow the following regulatory accounts to accrue interest in a fiscal year at the authority's weighted average cost of debt in that year:

(i) the first nations costs regulatory account;

(ii) the real property sales regulatory account,

(j) may allow the authority to establish one or more other regulatory accounts for other purposes, and

(k) subject to section 9 (1) of this direction, must set the authority's rates in such a way as to allow the regulatory accounts to be cleared from time to time and within a reasonable period.

Annual distributable surpluses allowed

8 When regulating and setting rates for the authority, the commission must ensure that those rates allow the authority to allocate annual distributable surpluses in the manner specified by the Lieutenant Governor in Council under section 4 of the *BC Hydro Public Power Legacy and Heritage Contract Act* or section 35 of the *Hydro and Power Authority Act.*

F2017, F2018 and F2019 rates

9 (1) When regulating and setting rates for the authority for F2017, F2018 and F2019, under sections 4, 5, 6, 7, 9 (2), 10 (3) and 11 of this direction, the commission must not allow the rates to increase by more than 4% in F2017, 3.5% in F2018 and 3% in F2019, on average, compared to the rates of the authority immediately before the increase.

(2) If the base line rate change exceeds 4% in F2017, 3.5% in F2018 or 3% in F2019, the commission must order the authority to defer to the rate smoothing regulatory account the amount that is determined by subtracting the amount in paragraph (b) from the amount in paragraph (a)

(a) the forecast revenue that the authority would have earned under a base line rate change, and

(b) the forecast revenue that the authority is expected to earn under this direction.

Deferral account rate rider

10 (1) The commission must set the deferral account rate rider for F2015 and future fiscal years of the authority at 5%.

(2) The commission must not order any change to the deferral account rate rider, except on application by the authority.

(3) The commission must allow the authority, in regard to a fiscal year of the authority, to account for the forecast revenue from the deferral account rate rider as follows:

(i) a portion of the forecast revenue from the deferral account rate rider is to be accounted for as revenue in that fiscal year in accordance with equation 1 and the following table;

(ii) a portion of the forecast revenue from the deferral account rate rider is to be amortized from the forecast net balance of the heritage deferral account, the non-heritage deferral account and the trade income deferral account at the end of the immediately preceding fiscal year in accordance with equation 2 and the following table:

Equation 1: DARR (Rev) = DARR – (X/5) x DARR

Equation 2: DARR(DA) = (X/5) x DARR

where

DARR (Rev) = the portion of forecast revenue from the deferral account rate rider in the applicable fiscal year of the authority that is to be accounted for as revenue;

DARR(DA) = the portion of forecast revenue from the deferral account rate rider in the applicable fiscal year of the authority that is to be amortized from the net balance of the heritage deferral account, the non-heritage deferral account and the trade income deferral account at the end of the immediately preceding fiscal year;

DARR = forecast revenue from the deferral account rate rider in the applicable fiscal year of the authority;

X = the number in column X of the following table that corresponds to the forecast net balances of the heritage deferral account, the non-heritage deferral account and the trade income deferral account at the end of the immediately preceding fiscal year that is between the values shown in columns A and B of the following table:

Table		
A ($ million)	B ($ million)	X
< -500	-500	-5.0
-500	-450	-4.5
-450	-400	-4.0

Table		
A ($ million)	B ($ million)	X
-400	-350	-3.5
-350	-300	-3.0
-300	-250	-2.5
-250	-200	-2.0
-200	-150	-1.5
-150	-100	-1.0
-100	-50	-0.5
-50	0	0.0
0	50	0.0
50	100	0.5
100	150	1.0
150	200	1.5
200	250	2.0
250	300	2.5
300	350	3.0
350	400	3.5
400	450	4.0
450	500	4.5
500	> 500	5.0

(iii) the portion of forecast revenue from the deferral account rate rider in the applicable fiscal year of the authority that is amortized from the net balance of the heritage deferral account, the non-heritage deferral account and the trade income deferral account at the end of the immediately preceding fiscal year must be amortized from the respective balances of those accounts in proportion to the ratios of the balances of those accounts to the net balance of all 3.

Commission reviews

11 When setting rates for the authority under the Act, the commission must not disallow for any reason the recovery in rates of the costs that were incurred by the authority or Powerex Corp. in consequence of decisions of either with respect to

(a) the construction of extensions to the authority's plant or system that come into service before F2017,

(b) energy supply contracts entered into before F2017,

(c) the Rock Bay settlement,

(d) the First Nations settlements,

(e) the California settlements,

(f) the Burrard costs, and

(g) the costs deferred to the SMI regulatory account.

Expenditures for export

12 The commission must refrain from performing its duty under section 4 (5) of the *Clean Energy Act* when setting rates for the authority for F2014, F2015, F2016, F2017 and F2018.

Powerex Corp.

13 The commission may not exercise any power under Part 3 of the Act in regard to the gas and electricity trading activities of Powerex Corp.

Retail access

14 (1) By March 23, 2014, the commission must issue orders as follows:

(a) the commission must accept a withdrawal by the authority of any obligation to offer unbundled transmission services under the authority's open access transmission tariff to retail customers in British Columbia, and a withdrawal of any obligation to offer such services to those who supply such customers;

(b) the commission must order the cancellation of the retail access program.

(2) Except on application by the authority, the commission must not set rates for the authority that would result in the direct or indirect provision of unbundled transmission services to retail customers in British Columbia, or to those who supply such customers.

Burrard Thermal

15 On application by the authority the commission must

(a) grant permission to the authority under section 41 of the Act to cease operating those portions of Burrard Thermal that are not required for transmission support services, and

(b) set depreciation rates for the classes of property, plant and equipment at Burrard Thermal as shown in Appendix B to this direction.

Rates

16 (1) The commission may not reconsider, vary or rescind the orders it issues under this direction or Direction No. 6 to the British Columbia Utilities Commission, except on application by the authority.

(2) For F2014, F2015 and F2016, the commission must not issue any orders in regard to the authority's regulatory accounts, except on application by the authority.

(3) In setting the authority's rates for F2015, F2016, F2017, F2018 and F2019, the commission must exercise its powers and perform its duties consistently with the orders it issues under Direction No. 6 to the British Columbia Utilities Commission, except on application by the authority.

(4) Nothing in this section prevents the commission from making determinations on applications made by the authority respecting revenue-cost ratios, rate design and regulatory accounts, including interim rate orders in regard to one or more of the authority's customers.

APPENDIX A – HERITAGE CONTRACT

Definitions

1 In this Agreement:

"Agreement" means this Heritage Contract including Schedule A;

"Ancillary Service Requirements" means services necessary to deliver energy;

"BC Hydro" means the British Columbia Hydro and Power Authority;

"BCH Distribution" means BC Hydro's distribution line-of-business;

"BCH Generation" means BC Hydro's generation line-of-business;

"Commission" means the British Columbia Utilities Commission;

"heritage electricity" means the capacity, energy and ancillary services that BCH Generation is required to supply to BCH Distribution under this Agreement;

"heritage energy" means

(a) subject to paragraph (b), 49 000 GW.h per year less the energy generated for delivery under the Skagit Valley Treaty, or

(b) the quantity of energy determined by the Commission under section 8 of this Agreement to be heritage energy;

"heritage payment obligation" means

(a) subject to paragraph (b), the annual payment determined in accordance with the procedure set out in Schedule A to this Agreement, or

(b) the annual payment determined by the Commission under section 8 of this Agreement to be the heritage payment obligation;

"heritage resources" means the Electric Facilities and Thermal Facilities described in Schedule A to the Terms of Reference, together with

(a) the related civil works and plant, and

(b) potential future investments that increase the capacity, energy or ancillary service capability of such facilities, including potential future units 5 and 6 at Mica and potential future units 5 and 6 at Revelstoke;

"Order" means an order of the Commission;

"Terms of Reference" means Schedule A, Terms of Reference, to Order in Council 253/2003;

"Transfer Pricing Agreement" means the Transfer Pricing Agreement for Electricity and Gas dated April 1, 2003 between BC Hydro and Powerex Corp. as amended from time to time;

"Year" means fiscal year.

Electricity supply

2 BCH Generation must provide the full capacity of the heritage resources to BCH Distribution on a priority call basis.

Obligation to supply

3 BCH Generation must supply to BCH Distribution, in each Year, the heritage energy or such lesser amount of energy as may be required by BCH Distribution.

Obligation to deliver

4 BCH Generation will deliver the heritage energy to BCH Distribution at the various points of interconnection of the generating stations included in the heritage resources with the BC Hydro transmission grid or at points of interconnection with other utilities, as appropriate.

Responsibility for obtaining transmission services

5 BCH Distribution will be responsible for obtaining transmission services for energy provided to BCH Distribution.

Ancillary services

6 The parties may use the capacity available to them under section 2 to deliver energy to meet customer demand and to satisfy the parties' Ancillary Service Requirements, regardless of whether provision for self-supply is made under any tariff.

Payment

7 BCH Distribution must, on or before the end of each Year, pay to BCH Generation an amount equal to the heritage payment obligation.

Adjustment

8 The parties acknowledge that

(a) the Commission may, by Order, modify one or both of the definitions of "heritage energy" and "heritage payment obligation" if the Commission is satisfied that a change in circumstances has permanently affected

(i) the capability of the heritage resources to provide one or both of capacity and energy, or

(ii) the authority's cost of generating the heritage energy, and

(b) any such modification will automatically modify the heritage energy or the heritage payment obligation, as the case may be, without further action by the parties.

Information exchange and cooperation

9 Each party will continue to freely provide the other with any requested information to facilitate the coordinated and optimal operation of the BC Hydro system.

Dispute resolution

10 (1) The parties will make reasonable efforts to resolve disputes arising in relation to this Agreement at the staff level.

(2) As needed, issues may be dealt with by management levels within each party to achieve timely resolution.

(3) Issues that cannot be resolved in a timely manner at senior management levels may be referred by either party to the commission for resolution.

Term

11 This Agreement commenced on April 1, 2004.

SCHEDULE A TO APPENDIX A – HERITAGE PAYMENT OBLIGATION

1 The heritage payment obligation for any Year is the amount determined by

(a) adding those of the following costs incurred by BCH Generation in the Year that the Commission orders may be included in the heritage payment obligation:

(i) cost of energy such as the cost of water rentals and energy purchases, including purchases of gas and electricity, required to supply heritage electricity;

(ii) operating costs such as the costs of operating and maintaining the heritage resources, including an allocation of corporate costs;

(iii) all costs of owning the heritage resources, including, without limitation, depreciation, interest, finance charges and other asset related expenses;

(iv) all costs or payments related to generation-related transmission access required by the heritage resources, and

(b) subtracting from the sum obtained under paragraph (a) any revenues BCH Generation receives from other services provided from the heritage resources, including, without limitation,

(i) revenues related to Skagit Valley Treaty obligations,

(ii) revenues from provision of ancillary services to the transmission operator in respect of third party use of the transmission system, and

(iii) revenues from the sale of surplus hydro electricity under section 5 of the Transfer Pricing Agreement.

APPENDIX B – BURRARD DEPRECIATION RATES

Class of Property, Plant and Equipment at Burrard Thermal	F2015 Depreciation Rate (%/year)	F2016 Depreciation Rate (%/year)
C12101 Tracks, Railway	100.0%	N/A
C12401 Drainage System Yard	9.1%	10.0%
C21901 Roofs	9.1%	10.0%
C22001 Plant Concrete Steel	15.8%	18.8%
C22002 Comm Concrete Steel	9.1%	10.0%
C22005 Building, Comp Pool	9.1%	10.0%
C22006 Equipment Shelter	19.0%	23.5%
C22009 Building-HVAC Sys&Cp	10.1%	11.1%
C22101 Off Trailer/Mob Home	9.3%	10.0%
C23801 Cranes	9.1%	10.0%
C24402 Ramp, Boat/Barge	85.7%	100.0%
C25101 Structure Supp Steel	9.1%	10.0%
C25301 Foundations	9.1%	10.0%
C25401 Ducts & Trenches	9.1%	10.0%
C25601 Barriers & Enclos	20.0%	25.0%
C30101 Casing, Boiler	50.0%	100.0%
C30102 Insulation, Boiler	14.3%	16.7%
C30103 Roof, Boiler	50.0%	100.0%
C30203 Superheater HighTemp	50.0%	100.0%
C30204 Superheater Low Temp	54.5%	100.0%
C30205 Reheater, Boiler	50.0%	100.0%
C30301 Header / Drum	50.3%	100.0%
C30401 Valves, Safety	14.5%	17.0%
C30501 Piping, High Press	33.4%	41.5%
C30601 Fan, Forced Draft	50.0%	100.0%
C30602 Breaching / Flue Sys	54.5%	100.0%
C30603 Stack, Flue Gases	50.0%	100.0%
C30605 Burner, Fuel	50.0%	100.0%
C30606 Instrument, Boiler	51.3%	98.6%
C30607 DNU - Asbe Abatement	9.1%	10.0%
C30611 Desuperheater System	50.0%	100.0%
C30612 Refractory, Boiler	54.5%	100.0%
C30613 Boiler, Package	54.5%	100.0%

Class of Property, Plant and Equipment at Burrard Thermal	F2015 Depreciation Rate (%/year)	F2016 Depreciation Rate (%/year)
C30701 Equip, Water Treat	50.0%	100.0%
C30801 Transfer Sys Ammonia	92.3%	100.0%
C30802 Water Sys Ammonia	92.3%	100.0%
C30803 Vapouriser, Ammonia	92.3%	100.0%
C30804 Comp Vapour, Ammonia	92.3%	100.0%
C30805 Piping Sys, Ammonia	50.0%	100.0%
C30901 Monitor Equip, Cem	54.5%	100.0%
C30903 Deliver Sys, Ammonia	55.5%	100.0%
C31001 Water Intk/DisStruct	9.1%	10.0%
C31002 Protection, Cathodic	9.1%	10.0%
C31003 Gates, Inlet/Outlet	9.1%	10.0%
C31005 Conduit, Intake/Disc	9.1%	10.0%
C33001 Heat Exch, Shell Tube	50.0%	100.0%
C33002 Pump And Motor	50.0%	100.0%
C33004 Condenser, Boiler	50.0%	100.0%
C34004 Turbine, Comp Pool	22.2%	28.5%
C34005 Coils, Stator	9.3%	10.3%
C34006 Rotor, Generator	9.1%	10.0%
C34007 Generator, Comp Pool	28.6%	40.1%
C34008 Supervisory Sys Turb	70.9%	55.8%
C34009 Cooling Sys Hydrogen	15.8%	18.7%
C34015 Turbine Blades Sets	31.7%	46.4%
C42004 Major Maint.-Rewedge	25.3%	33.8%
C42102 Exciter, Static	42.7%	74.6%
C46701 Heat Exchanger	50.0%	100.0%
C47201 Turbine, Gas	50.0%	100.0%
C47202 Major Maint.-Gas Tur	80.0%	100.0%
C48003 Generator, Composite	29.7%	42.3%
C48004 Generator, Diesel	25.8%	34.8%
C49001 Pump	44.4%	77.8%
C49002 Motor	12.3%	14.1%
C51001 Condensor, SyncRotary	9.1%	10.0%
C52104 Transformer, <100Mva	50.0%	100.0%
C52105 Transformer, Stn Ser	10.5%	10.0%
C52302 Reactor, Dry Type	99.9%	100.0%
C52405 Transformer, Curr, Com	35.3%	54.6%

Class of Property, Plant and Equipment at Burrard Thermal	F2015 Depreciation Rate (%/year)	F2016 Depreciation Rate (%/year)
C52504 Trans, Volt, Encaps.	9.1%	10.0%
C54101 Breaker, Air/Magnetic	9.1%	10.0%
C54201 Use Ind Disconnect	20.0%	25.0%
C55401 Buswork & StnConduct	9.1%	10.0%
C55501 Grounding Systems	9.1%	10.0%
C56001 Insulators	9.1%	10.0%
C59001 Power Supp Uninterr	39.4%	65.1%
C59101 Regulator FeederCirc	9.1%	10.0%
C59201 Charger System, Batt	13.3%	15.3%
C61001 Fencing	9.1%	10.0%
C61101 Alarm/Security Sys	9.1%	10.0%
C62001 Fire Protection Sys	12.0%	13.6%
C62501 Firefighting Equip	33.3%	50.0%
C65001 Panels/Cubicles, P&C	13.0%	14.9%
C67003 Contain Fac, Concret	9.1%	10.0%
C67005 Oil Spill Containmen	9.1%	10.0%
C68202 Term Unit, Rem(Slave)	23.1%	30.0%
C68204 Distributed Ctrl Sys	30.4%	42.9%
C68301 Radio, MW, Analog	9.1%	10.0%
C68901 Tele Equip, Pbx/Pax	100.0%	N/A
C70104 Instrumentation-Digi	9.1%	10.0%
C74001 Motor-Generator Sets	92.3%	100.0%
C75104 Compressor, Air	18.3%	21.3%
C75201 Tanks, Steel, Air/Fuel	9.1%	10.0%
C75202 Tank, Fibrglas, DblB	9.1%	10.0%
C75301 Water Supply System	9.1%	10.0%
C82504 Loader/Backhoe	8.3%	9.0%
C82513 Manlift	66.7%	100.0%
C82550 Tools/Work EquipMisc	12.3%	14.0%
C82551 DNU - Tools/Work Equ	21.7%	27.1%
C82601 Test/Calibration	43.9%	73.2%
C82603 Manufacturing/Test	24.4%	12.5%
C88002 Lab Equipment, Misc	30.8%	27.3%

BC Hydro
Power smart

F2017 to F2019 Revenue Requirements Application
Request for Interim F2017 Rates

Appendix D

Rate Design Methodology

F2017 Rates

Section 1 of this appendix provides a description of how the requested average rate increase will be applied to those customer rates in which the rate is not simply increased by the average rate increase of 4 per cent, other than BC Hydro's OATT rates which will be the subject of Chapter 9 of the full F20017 – F2019 Revenue Requirements Application to be filed in summer 2016. Appendix E provides clean and black-lined copies of the tariff pages that will be applicable on April 1, 2016.

Section 2 contains the F2017 rates which are requested to be effective April 1, 2016 on an interim and refundable basis. Table 1 of section 2 of this appendix sets out the rates that will be applicable to each of the Rate Schedules in each rate class for F2017 and compares them to the currently approved F2016 rates in each rate class.

Attachment 1 explains and demonstrates in detail the calculation of the F2017 Residential Inclining Block (Rate Schedules 1101), Medium General Service (Rate Schedules 1500, 1501, 1510, 1511) and Large General Service (Rate Schedules 1600, 1601, 1610, 1611) rates in accordance with the applicable pricing principles.

1 Application of Rate Increases

1.1 Residential Rates

Rate Schedules 1101, 1121

Rate Schedule 1101 is the Residential Inclining Block rate, which is the default Residential rate. Rate Schedule 1121 is the Residential Inclining Block rate for Multiple Residential Service. The Residential Inclining Block rate structure is a two-step inclining block rate with the first step called the Step-1 energy rate and the amount above that the Step-2 energy rate. The Residential Inclining Block rate was implemented on October 1, 2008.

On September 24, 2015 BC Hydro filed its 2015 Rate Design Application which requested approval of 'pricing principles' for F2017-F2019 for the Residential

Inclining Block rate and that would be effective April 1, 2016. The term 'pricing principles' refers to how the Revenue Requirement rate increases, which are set by the Commission through BC Hydro's Revenue Requirements Applications, are applied to each of the Residential Inclining Block rate's pricing elements.

By Order No. G-13-14, the Commission approved pricing principles which uniformly increase the three pricing elements of the Residential Inclining Block rate by the amount of the approved F2015/F2016 RRA rate increases. The current Rate Schedules 1101 and Rate Schedules 1121 pricing principles expire on March 31, 2016. BC Hydro's proposed Residential Inclining Block Pricing Principles for Rate Schedules 1101 and Rate Schedules 1121 for F2017-F2019 is to continue with the Order No. G-13-14 pricing principles and accordingly BC Hydro is requesting approval of these pricing principles on an interim basis.

BC Hydro uses its proposed 2015 Rate Design Application Residential Inclining Block Pricing Principles to derive the Residential Inclining Block rates shown in Table 1 in section 2 below. Please refer to Attachment 1 which contains more detail on the F2017 Residential Inclining Block rate calculation under the proposed pricing principle and also demonstrates that revenue neutrality is achieved.

Each of the three components of the Residential Inclining Block rate (Step-1 energy rate, Step-2 energy rate and Basic Charge) will increase by the amount of any approved general rate increase. The rates shown in Table 1 in section 2 and the tariff sheets in Appendix E have been calculated on the basis that the applied-for pricing principle is approved. The F2017 rates are requested to apply on an interim basis and if the Commission approves a different Residential Inclining Block pricing principle for F2017, BC Hydro will reflect this in final F2017 rates.

1.2 Commercial Rates

Rate Schedules 1300, 1301, 1310, 1311 (13XX) – Small General Service

The Small General Service rate includes a basic charge and a flat energy rate. BC Hydro has applied the requested average rate increases to both rate components to derive the F2017-F2019 rates.

BC Hydro seeks approval in its 2015 Rate Design Application of a one-time increase to the Rate Schedules 13XX basic charge to 45 per cent recovery of customer-related costs attributable to the Small General Service class in the F2016 Cost of Service study, and a one-time offsetting reduction of the energy rate, to maintain forecast revenue neutrality based on the Small General Service revenue target calculated using any applicable rate increases effective April 1, 2017. If approved by the Commission, BC Hydro will file for approval of F2018 Small General Service rates based on the new proposed rate design in its F2018 rate compliance filing.

Rate Schedules 1500, 1501, 1510, 1511 (15XX) – Medium General Service

The current Medium General Service rate is a two-part energy rate which was approved in 2010 pursuant to Commission Order No. G-110-10 as an outcome of the 2009 Large General Service Application Negotiated Settlement Agreement.

The Medium General Service demand charge, basic charge, and minimum energy rate are increased by the average rate increase.

The Medium General Service Part 1 energy rates comprise a higher Tier 1 rate applying to the last 14,800 kWh/month of baseline consumption and a lower Tier 2 rate applying to remaining baseline consumption.

Part 1 Energy Rates (Tier 1 and Tier 2)

The Medium General Service Part 1 Tier 1 rate is calculated residually in each year in order to maintain revenue neutrality for the class.

The calculations for the Medium General Service Part 1 Tier 1 and Tier 2 rates are based on prior years' billing data and forecast customer loads.

Part 2 Energy Rates

In F2017, as per Commission Order No. G-110-10, the long run marginal cost based Part 2 energy rate will be increased by inflation, yielding a rate of 10.09 cents/kWh based on a 1.9 per cent inflation rate.

Please refer to the supporting Medium General Service documentation contained in Attachment 1 for the detailed derivation of the F2017 Medium General Service rates under the currently approved pricing principles and for demonstration that revenue neutrality is achieved.

Rate Schedules 1600, 1601, 1610, 1611 (16XX) – Large General Service

The current Large General Service rate is a two-part energy rate which was approved in 2010 pursuant to Commission Order No. G-110-10 as an outcome of the 2009 Large General Service Application Negotiated Settlement Agreement.

The Large General Service demand charge, basic charge and minimum energy rate are increased by the average rate increase.

The Large General Service energy rates have a two-part rate structure. The Part 1 rates have a declining block rate structure. The higher Tier 1 applies to the first 14,800 kWh/month of baseline consumption and the lower Tier 2 rate applies to all remaining monthly baseline consumption.

Part 1 Energy Rates (Tier 1 and Tier 2)

The Part 1 energy rates are calculated residually in order to maintain revenue neutrality for the class. The calculations for the Large General Service Part 1 Tier 1 and 2 rates are based on prior years' billing data and forecast customer loads.

Part 2 Energy Rate

Please refer to Medium General Service Part 2 Energy Rate derivation explanation above, since the Large General Service and Medium General Service Part 2 Energy Rates are the same.

Please also refer to the supporting Large General Service documentation contained in Attachment 1 for the detailed derivation of the F2017 Large General Service rates under the currently approved pricing principles and for demonstration that revenue neutrality is achieved.

1.3 Transmission Service Rates

Rate Schedules 1823 – Transmission Service – Stepped Rate

The current Rate Schedule 1823 pricing principles expire on March 31, 2016. BC Hydro applied for approval of Rate Schedule 1823 pricing principles for the period F2017-F2019 in its 2015 Rate Design Application and uses these to derive the rates below. With Commission approval, the F2017 Rate Schedule 1823 rates will apply on an interim basis and if the Commission approves a different Rate Schedule 1823 pricing principle for F2017, BC Hydro will reflect this in final F2017 rates.

For F2017, the Tier 2 rate is set to the lower end of BC Hydro's energy long run marginal cost and the Tier 1 rate is set to reflect the 4.0 per cent Revenue Requirement rate increase according to the bill neutrality approach i.e., 90 per cent of the Tier 1 rate plus 10 per cent of the Tier 2 rate is equal to the flat rate (Rate Schedule 1827 energy rate or the Rate Schedule 1823 Energy Charge A). The Tier 2 rate is 8.92 cents/kWh. The F2017 Tier 1 rate is calculated using the following formula, which uses the Rate Schedules 1827 – Transmission Service – Rate for Exempt Customers, as the "base rate":

- The base rate in F2017 is the previous year rate increased by the average rate increase of 4.0 per cent = 4.475 cents/kWh

- F2017 Tier 1 rate = (base rate - (10% x Tier 2 rate))/90%

  = (4.475 – (10% x 8.92))/90%

  = (4.475 – 0.892)/90%

  = 3.981 cents/kWh

Other pricing elements (demand charge, energy rate applicable to Rate Schedule 1823 customers that do not have a Customer Baseline Load and monthly minimum charge) will increase by the same applicable F2017 RRA rate increase.

RS 1825 – Transmission Service – Time of Use Rate (TSR TOU Rate)

The TSR TOU Rate (RS 1825) has four seasonal Customer Baseline Load pricing periods. The Rate Schedule 1825 Tier 2 rate is equal to the Rate Schedule 1823 Tier 2 rate on an annual weighted average basis. Seasonal prices for the Rate Schedule 1825 Tier 2 rate are shaped by month and weighted into High Load Hours and Low Load Hours periods to calculate the average price for each season. The Tier 1 rate is equal to the RS 1823 Tier 1 rate for all seasonal Customer Baseline Load pricing periods. When the Tier 1 and Tier 2 rates are weighted by the number of hours in the year, and blended on a 90/10 basis, the annual overall weighted average energy price under Rate Schedule 1825 is equal to the Rate Schedule 1827 “base rate”.

Rate Schedules 1880 – Transmission Service – Standby and Maintenance

The Rate Schedule 1880 energy charge is tied to the Rate Schedule 1823 Tier 2 energy rate, which is based on the long run marginal cost. As described above, BC Hydro proposes the Rate Schedule 1823 Tier 2 energy rate to be 8.92 cents/kWh in F2017.

2 Summary of F2017 Rates

The following table provides the rates in each BC Hydro rate schedule for F2017 and a comparison to F2016 rates. As discussed above, some of these rates are subject to change as they are also dependent on the outcome of BC Hydro's 2015 RDA.

Table 1 F2016 and F2017 Rates

Rate Class	Rate Schedule	Rate	F2016 Actuals	F2017 Proposed
				Rate Increase 4.00%
Residential	1101/1121	Basic Charge ($/day)	0.1764	0.1835
		Step-1 energy rate ($/kWh)	0.0797	0.0829
		Step-2 energy rate ($/kWh)	0.1195	0.1243
Residential	1105 (closed)	Energy rate ($/kWh)	0.0522	0.0543
		Energy rate during period of interruption ($/kWh)	0.3037	0.3158
Residential Zone II	1107/1127	Basic Charge ($/day)	0.1882	0.1957
		Step-1 energy rate ($/kWh)	0.0955	0.0993
		Step-2 energy rate ($/kWh)	0.1641	0.1707
Residential	1148 (closed)	Basic Charge ($/day)	0.1882	0.1957
		Energy rate $/kWh	0.0955	0.0993
Residential	1151/1161	Basic Charge ($/day)	0.1882	0.1957
		Energy rate $/kWh	0.0955	0.0993

Rate Class	Rate Schedule	Rate	F2016 Actuals	F2017 Proposed
Exempt General Service	1200/1201/1210/1211	Basic Charge ($/day)	0.2257	0.2347
		Demand rate - Step-1 ($/kW)	0	0
		Demand rate - Step-2 ($/kW)	5.50	5.72
		Demand rate - Step-3 ($/kW)	10.55	10.97
		Energy Rate - Tier 1 ($/kWh)	0.1073	0.1116
		Energy Rate - Tier 2 ($/kWh)	0.0515	0.0536
General Service	1205/1206/1207	Energy Rate - Tier 1 ($/kWh)	0.0522	0.0543
		Energy Rate - Tier 2 ($/kWh)	0.0342	0.0356
		Energy rate during period of interruption ($/kWh)	0.3037	0.3158
Small General Service Zone II	1234	Basic Charge ($/day)	0.2257	0.2347
		Energy Rate - Tier 1 ($/kWh)	0.1073	0.1116
		Energy Rate - Tier 2 ($/kWh)	0.1787	0.1858
Distribution Service	1253	Monthly Minimum energy charge($/month)	41.37	43.02
Large General Service Zone II	1255/1256/1265/1266	Basic Charge ($/day)	0.2257	0.2347
		Energy Rate - Tier 1 ($/kWh)	0.1073	0.1116
		Energy Rate - Tier 2 ($/kWh)	0.1787	0.1858
Distribution Service	1268	Energy charge ($/kWh)	0.00166	0.00173

Rate Class	Rate Schedule	Rate	F2016 Actuals	F2017 Proposed
Power Service	1278 (closed)	$/kVA	2.678	2.785
		Energy charge $/kWh	0.07	0.0728
		Monthly minimum greater of $/kVa	5.23	5.44
		or ($)	10460.76	10879.19
Shore Power Service (Distribution)	1280	Monthly Charge ($/month)		150
		Energy Rate ($/kWh)		0.09227
Net Metering Service	1289	Energy Rate $/kWh	0.0999	0.0999
Small General Service	1300/1301/1310/1311	Basic Charge ($/day)	0.2257	0.2347
		Energy Rate $/kWh	0.1073	0.1116
Irrigation	1401	Irrigation season energy rate ($/kWh)	0.0516	0.0537
		Non-irrigation season energy rate - Tier 1 ($/kWh)	0.0516	0.0537
		Non-irrigation season energy rate - Tier 2 ($/kWh)	0.4096	0.426
		Minimum charge irrigation season $/kW	5.16	5.37
		Minimum charge non-irrigation season if consumption >500 kWh ($ per kW)	41.32	42.97

Rate Class	Rate Schedule	Rate	F2016 Actuals	F2017 Proposed
Medium General Service	1500/1501/1510/1511	Basic Charge ($/day)	0.2257	0.2347
		Demand rate - Step-1 ($/kW)	0.00	0.00
		Demand rate - Step-2 ($/kW)	5.50	5.72
		Demand rate - Step-3 ($/kW)	10.55	10.97
		Part 1 Energy rate - Tier 1 ($/kWh)	0.0989	0.1030
		Part 1 Energy rate - Tier 2 ($/kWh)	0.0690	0.0719
		Part 2 Energy rate ($/kWh)	0.0990	0.1009
		Minimum Energy Rate ($/kWh)	0.0330	0.0343
Large General Service	1600/1601/1610/1611	Basic Charge ($/day)	0.2257	0.2347
		Demand rate - Step-1 ($/kW)	0.00	0.00
		Demand rate - Step-2 ($/kW)	5.50	5.72
		Demand rate - Step-3 ($/kW)	10.55	10.97
		Part 1 Energy rate - Tier 1 ($/kWh)	0.1066	0.1114
		Part 1 Energy rate - Tier 2 ($/kWh)	0.0513	0.0536
		Part 2 Energy rate ($/kWh)	0.0990	0.1009
		Minimum Energy rate ($/kWh)	0.0330	0.0343

Rate Class	Rate Schedule	Rate	F2016 Actuals	F2017 Proposed
Large General Service (150 KW and over) for Distribution Utilities	2600/2601/2610/2611	Basic Charge ($/day)	0.2257	0.2347
		Demand rate - Step-1 ($/kW)	0.00	0.00
		Demand rate - Step-2 ($/kW)	5.50	5.72
		Demand rate - Step-3 ($/kW)	10.55	10.97
		Part 2 Energy Rate ($/kWh) (RS1600 rate)	0.0990	0.1009
		Embedded Cost Rate ($/kWh)	0.0531	0.0552
		Discount ($/kWh)	-0.0039	-0.0041
Street Lighting	1701	100 SV fixture rate ($/month)	16.55	17.21
		150 SV fixture ($/month)	19.73	20.52
		200 SV fixture ($/month)	22.78	23.69
		175 MV fixture ($/month)	18.18	18.91
		250 MV fixture ($/month)	20.95	21.79
		400 MV fixture ($/month)	27.01	28.09
Street Lighting	1702	Each Unmetered fixture ($/watt per month)	0.0318	0.0331
		Each Metered fixture ($/kWh)	0.0955	0.0993

Rate Class	Rate Schedule	Rate	F2016 Actuals	F2017 Proposed
Street Lighting	1703	Energy rate ($/watt per month)	0.0318	0.0331
		Contact rate ($/contact per month)	0.96	0.9984
Street Lighting	1704	Energy rate $/kWh	0.0955	0.0993
Street Lighting	1755 (closed)	1. Pole owned by Customer		
		175 MV or 100 SV fixture charge ($ per month)	15.51	16.13
		400 MV or 150 SV fixture charge ($ per month)	26.73	27.80
		2. Pole on public property		
		175 MV or 100 SV fixture charge ($ per month)	16.47	17.13
		400 MV or 150 SV fixture charge ($ per month)	27.70	28.81
		3. Pole paid by BC Hydro		
		175 MV or 100 SV fixture charge ($ per month)	20.28	21.09
		400 MV or 150 SV fixture charge ($ per month)	31.92	33.20

Rate Class	Rate Schedule	Rate	F2016 Actuals	F2017 Proposed
Transmission Service	1823	Demand rate ($/kVA)	7.341	7.635
		Energy rate A ($/kWh)	0.04303	0.04475
		Energy rate B - Tier 1 ($/kWh)	0.03836	0.03981
		Energy rate B - Tier 2 ($/kWh)	0.08503	0.0892
		Minimum demand ($/kVA)	7.341	7.635

Rate Class	Rate Schedule	Rate	F2016 Actuals	F2017 Proposed
Transmission Service	1825	Demand rate ($/kVA)	7.341	7.635
		Winter HLH energy rate (below 90%) ($/kWh)	0.03836	0.03981
		Winter HLH energy rate (above 90%) ($/kWh)	0.09489	0.09953
		Winter LLH energy rate (below 90%) ($/kWh)	0.03836	0.03981
		Winter LLH energy rate (above 90%) ($/kWh)	0.08600	0.09021
		Spring energy rate (below 90%) ($/kWh)	0.03836	0.03981
		Spring energy rate (above 90%) ($/kWh)	0.07660	0.08034
		Remaining energy rate (below 90%) ($/kWh)	0.03836	0.03981
		Remaining energy rate (above 90%) ($/kWh)	0.08398	0.08810
Transmission Service	1827	Demand rate ($/kVA)	7.341	7.635
		Energy rate ($/kWh)	0.04303	0.04475
		Minimum demand ($/kVA)	7.341	7.635
Transmission Service	1852	Excess Demand rate ($/kVA)	7.341	7.635

Rate Class	Rate Schedule	Rate	F2016 Actuals	F2017 Proposed
Transmission Service	1853	Minimum Monthly Charge ($/month)	41.37	43.02
Transmission Service	1880	Administrative Charge per Period of Use ($)	150.00	150.00
		Energy Rate ($/kWh)	0.08503	0.0892
Shore Power Service (Transmission)	1891	Monthly Charge ($/month)		150
		Energy Rate ($/kWh)		0.0892
Transmission Service FortisBC	3808	Demand rate ($/kW)	7.341	7.635
		Energy rate - tranche 1 ($/kWh)	0.04303	0.04475
		Energy rate – tranche 2 ($/kWh)	0.12970	0.12970

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Appendix D

Attachment 1

F2017 Residential Inclining Block Rate, Medium General Service Rate and Large General Service Rate Calculation Methodology

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1 F2017 Residential Inclining Block Rate Calculation Methodology

1.1 Executive Summary

This document describes the methodology used to calculate the F2017 Residential Inclining Block rate for which BC Hydro is applying to be effective April 1, 2016 on an interim basis. The rate is computed based on a 4.00 per cent rate. The pricing principles used for the calculation of these interim rates follow the Residential Inclining Block rate pricing principles as approved by Commission Order No. G-13-14. BC Hydro has requested approval of 'pricing principles' for F2017-F2019 for the Residential Inclining Block rate that would be effective April 1, 2016 in its 2015 Rate Design Application.

The F2017 Residential Inclining Block rate is shown in Table D-1 as follows:

Table D-1 F2017 Residential Inclining Block Rate

Rate Component	Rate
Basic Charge ($/day)	0.1835
Energy Charge	
Step-1 rate (cents/kWh)	8.29
Step-2 rate (cents/kWh)	12.43

Section 1 describes the methodology used to calculate the Residential Inclining Block rate for F2017. It also demonstrates that the calculated Residential Inclining Block rate is revenue neutral on a forecast basis in F2017.

1.2 Pricing Principles

The term 'pricing principles' refers to how the Revenue Requirement rate increases, which are set by the Commission through BC Hydro's Revenue Requirement Applications, are applied to each of the Residential Inclining Block rate's pricing elements. The F2017 Residential Inclining Block rate is derived following the pricing principles as approved previously by Commission Order No. G-13-14, which is

consistent with that proposed by BC Hydro in its 2015 Rate Design Application. That is, each of the Step-1 rate, Step-2 rate, and the Basic Charge is increased by BC Hydro's RRA rate increase.

1.3 Billing Determinants

The forecasted F2017 residential kWh sales net of Demand-Side Management (under the Residential Inclining Block rate) by step is based on BC Hydro's October 2015 Energy Sales Load forecast, which is consistent with the load forecast filed in the F2017 Interim Revenue Requirements Application, as follows:

Total kWh: 17,629 GWh
kWh in Step-1: 10,388 GWh
kWh in Step-2: 7,241 GWh

The ratio used for allocating kWh sales to Step-1 and Step-2 is 1.43 (Step-1 kWh/Step-2 kWh). This ratio is a five-year average of the F2010 to F2015 Step-1 and Step-2 kWh energy sales since the Residential Inclining Block rate has been in effect. This is consistent with the methodology of using historical averages used for BC Hydro's F2015 and F2016 Residential Inclining Block rate calculation.

1.4 Revenue Requirement Increase

The F2017 Revenue Requirement increase is based on BC Hydro's applied for interim rate increase for F2017 and the F2017 Rate Rider is based on that set out in section 10 of Direction No. 7 to the Commission.

The values are as follows:

F2017 RRA increase: 4.00 per cent
F2017 Rate Rider: 5.00 per cent

1.5 Target Revenue

Target revenue is determined by the same general methodology used to determine forecast domestic revenue described in previous years.

F2017 target revenue is computed using the F2016 Residential Inclining Block rate approved by Commission Order No. G-48-14 as the base, the F2017 rate increase as proposed in the interim F2017 Revenue Requirements Application, and the approved F2017 Rate Rider as per Direction No. 7 to the Commission and the October 2015 load forecast used in the interim F2017 Revenue Requirements Application.

The steps are as follows:

(i) "Total revenue under F2016 rates" is equal to the sum of (a) forecast F2017 Residential Inclining Block kWh load for Step-1 and Step-2, multiplied by the F2016 R Residential Inclining Block IB Step-1 and Step-2 rates and (b) forecast F2017 number of Residential Inclining Block rate customer accounts multiplied by the F2016 Residential Inclining Block Basic Charge multiplied by 365 days.

(ii) The annual RRA increases for F2017 is applied to the "Total revenue under F2016 rates" calculated in (i).

(iii) The annual Rate Rider for F2017 of 5.00 per cent is applied to the outcome of (ii), resulting in the F2017 target revenue. These calculations are shown in Table D-2.

1 **Table D-2 Target Revenue Calculation**

Line	Description	Value	Unit	Source
A	Forecast F2017 Residential Inclining Block Step-2 Load	7,241,499,076	kWh	October 2015 Load Forecast (refer to section 1.3)
B	Forecast F2017 Residential Inclining Block Step-1 Load	10,388,354,114	kWh	October 2015 Load Forecast (refer to section 1.3)
C	Forecast F2017 Customer Accounts	1,742,798	Accounts	October 2015 Load Forecast
D	April 1, 2015 Residential Inclining Block Step-1 Rate (F2016)	7.97	cents/kWh	RS1101, Electric Tariff. Approved by Commission Order No. G-48-14
E	April 1, 2015 Residential Inclining Block Step-2 Rate (F2016)	11.95	cents/kWh	RS1101, Electric Tariff. Approved by Commission Order No. G-48-14
F	April 1, 2015 Residential Inclining Block Basic Charge (F2016)	0.1764	$/day	RS1101, Electric Tariff. Approved by Commission Order No. G-48-14
G	Step-1 Revenue under F2016 Residential Inclining Block Rate	827,951,823	$	D * B/100
H	Step-2 Revenue under F2016 Residential Inclining Block Rate	865,359,140	$	E * A/100
I	Basic Charge Revenue under F2016 Residential Inclining Block Rate	112,211,792	$	C * F * 365
J	Total Revenue under F2016 Residential Inclining Block Rate Excluding Rate Rider	1,805,522,754	$	G + H + I
K	F2017 RRA increase	4.00	%	Chapter 1, BC Hydro F2017 to F2019 Revenue Requirements Application
L	Total Revenue under F2016 Residential Inclining Block Rate Escalated by F2017 RRA increase	1,877,743,665	$	J * (1 + K)
M	F2017 Rate Rider	5.00	%	Order in Council No. 097, Direction No. 7, section 10
N	F2017 Total Rate Rider Revenue	93,887,183	$	L * M
O	**Total F2017 Target Revenue**	**1,971,630,848**	**$**	**L + N**

1.6 Rate Computation

1.6.1 Basic Charge

The Basic Charge computation follows the pricing principles outlined in section 1.2.

Basic Charge = F2016 Basic Charge * (F2017 RRA % + 100%)
= $0.1764/day * (4.00% + 100%)
= $0.1835/day

1.6.2 Step-1 and Step-2 Rates

The Step-1 and Step-2 rate computations follow the pricing principles outlined in section 1.2.

Step-1 rate = F2016 Step-1 rate * (F2017 RRA % + 100%)
= $0.0797 * (4.00% + 100%)
= $0.0829/kWh

Step-2 rate = F2016 Step-2 rate * (F2017 RRA % + 100%)
= $0.1195 * (4.00% + 100%)
= $0.1243/kWh

Outcome:

The resulting F2017 Residential Inclining Block rate (excluding Rate Rider) is as follows:

Step-1 rate: 8.29 cents/kWh
Step-2 rate: 12.43 cents/kWh

The computation details are shown in Table D-3.

Table D-3 Computation of F2017 Residential Inclining Block Rate

Line	Description	Value	Unit	Source
A	F2017 RRA increase	4.00	%	Chapter 1, BC Hydro F2017 to F2019 Revenue Requirements Application
B	April 1, 2015 Residential Inclining Block Step-1 Rate (F2016)	7.97	cents/kWh	Commission Order No. G-48-14
C	April 1, 2015 Residential Inclining Block Step-2 Rate (F2016)	11.95	cents/kWh	Commission Order No. G-48-14
D	April 1, 2015 Residential Inclining Block Rate Basic Charge (F2016)	0.1764	$/day	Commission Order No. G-48-14
Resulting F2017 Residential Inclining Block Rate*				
E	F2017 **Residential Inclining Block** Step-1 Rate	**8.29**	**cents/kWh**	**B * (100% + A)**
F	F2017 **Residential Inclining Block** Step-2 Rate	**12.43**	**cents/kWh**	**C * (100% + A)**
G	F2017 **Residential Inclining Block** Rate Basic Charge	**0.1835**	**$/day**	**D * (100% + A)**

* F2017 Residential Inclining Block Rate excludes Rate Rider and is rounded to 1/100 of a cent/kWh. Refer to section 1.2 and section 1.6.2 for a description of the pricing methodology.

1.7 Revenue Neutrality

Using the rates calculated via the rate calculation methodology described above, this section shows that the rates are revenue neutral on a forecast basis using the F2017 forecast load. This is done by comparing the revenue under the F2017 Residential Inclining Block rate and the revenue target, as shown in Table D-4.

Table D-4 Revenue Neutrality

Line	Description	Value	Unit	Source
A	Forecast F2017 Residential Inclining Block Step-2 Load	7,241,499,076	kWh	October 2015 Load Forecast
B	Forecast F2017 RIB Step-1 Load	10,388,354,114	kWh	October 2015 Load Forecast
C	Forecast F2017 Customer Accounts	1,742,798	Accounts	October 2015 Load Forecast
F2017 Residential Inclining Block Rate				
D	Residential Inclining Block Step-1 Rate (rounded to 1/100 of a cent)	8.29	cents/kWh	Table D-3, Line E
E	Residential Inclining Block Step-2 Rate (rounded to 1/100 of a cent)	12.43	cents/kWh	Table D-3, Line F
F	Residential Inclining Block Rate Basic Charge (rounded to 1/100 of a cent)	0.1835	$/day	Table D-3, Line G
G	Rate Rider	5.00	%	Order No. in Council No. 097, Direction No. 7, section 9
H	Residential Inclining Block Step-1 Rate Revenue	861,194,556	$	D * B/100
I	Residential Inclining Block Step-2 Rate Revenue	900,118,335	$	E * A/100
J	Residential Inclining Block Rate Basic Charge Revenue	116,728,253	$	F * C * 365
K	Rate Rider Revenue	93,902,057	$	(H + I + J) * G
L	Total F2017 Revenue forecasted from the Residential Inclining Block Rate and Rate Rider	1,971,943,201	$	H + I + J + K
M	F2017 Target Revenue	1,971,630,848	$	Table D-2, Line P
N	Variance due to rounding at the 3rd decimal place	(312,354)	$	M – L
O	**Variance %**	**-0.016**	**%**	**N/M * 100%**

2 F2017 Medium General Service Rate Calculation

2.1 Executive Summary

This document describes the methodology BC Hydro used to calculate the F2017 Medium General Service rate (Rate Schedule 1500, 1501, 1510, and 1511 (**15XX**)) effective April 1, 2016, for which BC Hydro is applying to be effective on an interim basis. The rate is computed based on a 4.00 per cent rate increase as applied for by BC Hydro in the interim F2017 Revenue Requirements Application.

The F2017 Medium General Service rate is shown in Table D-5.

Table D-5 F2017 Medium General Service Rate

Rate Component	Amount
Basic Charge ($/day)	0.2347
Demand Charge	
Tier 1 ($/kW)	0
Tier 2 ($/kW)	5.72
Tier 3 ($/kW)	10.97
Energy charge	
Tier 1 (cents /kwh)	10.30
Tier 2 (cents /kwh)	7.19
Part 2 Long Run Marginal Cost based Rate (cents/kwh)	10.09
Minimum Energy Charge (cents/kwh)	3.43

The rate calculation methodology is consistent with the Large General Service pricing methodology outlined in Appendix O of BC Hydro's Large General Service Rate Application filed on October 16, 2009 and approved by Commission Order No. G-110-10.

The calculation shows that this rate recovers the target revenue based on forecasted kWh energy sales, with a variance of 0.028 per cent that is attributable to rounding (demand charges are rounded to the nearest $0.01/kW and energy charges are rounded to the nearest 0.01 cents/kWh).

2.2 Methodology

BC Hydro's methodology used to calculate the F2017 Large General Service rate reflects the 4.00 per cent rate increase as applied for by BC Hydro in the interim F2017 Revenue Requirements Application. The rate calculation methodology is consistent with the Large General Service pricing methodology approved by Commission Order No. G-110-10. The Medium General Service pricing methodology is embedded in BC Hydro's Medium General Service Rate Model which calculates the rates for Rate Schedules 15XX.

2.2.1 Pricing Methodology

The following steps are used to calculate the Medium General Service rates that arise from the pricing methodology:

(a) The basic charge is increased at the rate of the general BC Hydro rate increase;

(b) The demand charges, based on peak usage at Tier 1 (35 kW and under), Tier 2 (35 kW up to but not including 150 kW), and Tier 3 (150 kW and up) are increased at the rate of the general BC Hydro rate increase;

(c) The F2017 Part-2 Long Run Marginal Cost-based energy rate is the F2016 rate (9.90 c/ kWh) increased at the rate of inflation;

(d) The minimum energy charge is increased at the rate of the general BC Hydro rate increase;

(e) The forecast revenue determined from applying the rates from (a), (b), (c), and (d) to the forecast billing determinants is subtracted from the target revenue, and this residual amount is recovered by the Tier 1 and Tier 2 energy rates; and

(f) Tier-1 and Tier-2 are determined by maintaining T2 and T1 at the rate ratio in F2016.

2.2.2 Billing Determinants

The billing determinants used for rate modelling are based on a sample constructed from a subset of F2017 forecasted sales of the Medium General Service rate class by account (column 3, Table D-6).

Table D-6 F2017 Medium General Service Billing Determinants

Line	Rate Component	F2017 Medium General Service Sample Forecast Sales	F2017 Medium General Service Total Forecast Sales
A	Energy Sales, Medium General Service Class (kWh)	2,940,155,316	3,378,219,450 Note 1
B	Total Accounts	14,139	16,246 Note 2
C	Demand Tier 1 (kW)	5,734,249	6,588,615 Note 2
D	Demand Tier 2 (kW)	3,416,425	3,925,450 Note 2
E	Demand Tier 3 (kW)	6,838	7,857 Note 2
F	Part 1 Tier 1 (HBL kWh Note 3)	2,076,213,548	2,385,555,944 Note 2
G	Part 1 Tier 2 (HBL kWh)	910,099,347	1,045,698,266 Note 2
H	Part 2 Long Run Marginal Cost -based (kWh)	(36,908,321)	(42,407,422) Note 2
I	Part 2 Tier 1 (kWh)	(13,207,542)	(15,175,381) Note 2
J	Part 2 Tier 2 (kWh)	3,958,284	4,548,043 Note 2
K	Minimum Energy Charge (kWh)	–	– Note 2

Note 1: Forecast is estimated by first calculating the proportion of F2015 Medium General Service sales to total F2015 Existing Large General Service sales. This proportion is then applied to the F2017 Existing Large General Service forecast of 14,874.5 GWh from the October 2015 Load Forecast.

Note 2: Forecast based on applying a calibration factor of 1.1490 to the F2017 Medium General Service modelling subset billing determinants. This factor is constructed by dividing the F2017 Medium General Service class energy forecast (3,378.2 GWh) by the F2017 Medium General Service modelling subset energy forecast (2,940.2 GWh) (refer to section 2.2.2.4).

Note 3: "**HBL**" denotes Historical Baseline

2.2.2.1 Subset of Billing Data used for Rate Modelling

F2015 Medium General Service billing data (April 2014 through March 2015) is used for modelling and rate-setting. Accompanying this billing data are forecasted F2017 HBLs as described in section 2.2.2.3.

This data consists of billing kW and kWh, calendarized on a monthly basis, by account. The rate modelling is based on a subset of the billing data, which is created

by excluding accounts that meet the general criteria below, as established in the previous compliance filing:

(a) Missing kWh consumption or demand in any month of F2015;

(b) Have no HBL available for any month in F2016 (which are used to forecast F2017 HBLs);

(c) Have non-zero kWh consumption coincident with zero kW demand in any month of F2015;

(d) Have negative kW demand in any demand tier in any month of F2015;

(e) Have non-zero kW demand coincident with zero kW demand in a lower tier in any month of F2015;

(f) "New" accounts with service commencement dates in F2015 or later; and

(g) Accounts that closed before fiscal year end.

2.2.2.2 Forecasting Modelling Subset's Billing Determinants for the Test Year

The modelling subset's number of accounts, and each account's specific monthly demand and energy consumption are scaled by a common factor to forecast the respective quantities in the modelling subset for F2017, the test year. The scaling factor is constructed using the actual and forecasted sales of Existing Large General Service accounts, which currently would consist of Rate Schedules 1200, 1201, 1210, 1211, 15XX, and 16XX:

Scaling factor = (F2017 Existing Large General Service Forecast sales)/(F2015 Existing Large Genral Service sales)
= 14,874.5 GWh/14,630.3 GWh
= 1.0167

BC Hydro does not currently have enough information to estimate a precise scaling factor specific to the Medium General Service class (accounts taking service under Rate Schedules 15XX) as the rate was implemented in January 2011.

The key assumptions and specifications regarding the billing determinants used in the Medium General Service rate model are specified by rate components below:

Basic Charge	The billing determinant for the basic charge is the sum of the number of forecasted accounts in the rate design subset, multiplied by 365 days in a year.
Demand Charge	The forecasted F2017 peak demand for each tier is estimated by adjusting the F2015 demand sales by the energy consumption scaling factor (1.0167) to ensure that the revenue forecasted from demand charges are representative and consistent with forecasted account and energy growth of the class.
Part-1 and Part-2 Tier 1 and Tier 2 Energy Rates	Part-1 Tier 1 HBL energy consists of all baseline consumption (HBL) that is at or below 14,800 kWh in a given monthly billing period. Part-1 Tier 2 HBL energy consists of remaining baseline consumption. Part-2 Tier 1 and Tier 2 HBL energy is then determined for forecast F2017 consumption outside the price limit band i.e., 80 per cent of HBL to 120 per cent of HBL (or -20%/+20% of HBL).
Part-2 Long Run Marginal Cost -based Energy Charge/Credit	This is calculated based on the difference between the forecasted HBL and forecasted F2017 consumption and the price limit band.

Part-2 Tier 1 and Tier 2 Energy Charge/Credit

The model computes the forecasted energy consumption at each tier in Part 2, using the following steps:

For forecasted consumption higher than the HBL:

1. The amount of energy charged at the Part-2 Long Run Marginal Cost rate is computed.
2. The amount of Part-2 energy allocated to Tier 1 is the lesser of:
   (a) The remaining portion of the consumption greater than baseline (if any) following step 1 above, and
   (b) The portion of consumption greater than Baseline which is equal to 14,800 kWh minus 120 per cent of the HBL (but if 14,800 kWh minus 120 per cent of the HBL would produce a negative number, the result is zero)
3. The remaining portion of the consumption greater than Baseline (if any) is allocated to Part 2, Tier 2.

For forecasted consumption lower than the HBL:

1. The amount of energy credited at the Part 2 Long Run Marginal Cost rate is computed
2. The amount of Part-2 energy credited at Tier 1 is the lesser of:
   (a) The remaining portion of the consumption less than Baseline (if any) following step 1 above, and
   (b) The portion of the consumption less than Baseline which is equal to 14,800 kWh minus 20 per cent of

	the HBL (but if 14,800 minus 20 per cent of the HBL would produce a negative number, the result is zero). 3. The remaining portion of the credit is applied to Part 2, Tier 2.
F2017 Medium General Service Class Forecast Sales	The most recently available F2017 Existing Large General Service forecast sales based on BC Hydro's October 2015 Load Forecast is used. The Medium General Service class-specific load forecast is estimated by first calculating the proportion of F2015 Medium General Service sales to total F2015 Existing Large General Service sales. This proportion is then applied to the F2017 Existing Large General Service forecast sales of 14,874.5 GWh. (refer to Table D-6, Note 1)

2.2.2.3 Forecasting Baselines (HBLs)

The F2017 baselines are forecasted by scaling up the F2016 baselines by the difference between the three-year moving average consumption for years leading up to F2016 (which informs F2016 baselines) and the three-year moving average consumption for years leading up to F2017 (which informs F2017 baselines). This best preserves the variations between forecast consumption and baseline.

2.2.2.4 Model Calibration

A calibration step is applied to the model to extrapolate the billing determinants in the modelling subset to the entire class. A calibration factor (1.1490) is constructed by dividing the F2017 Medium General Service class energy forecast (3,378.2 GWh) by the F2017 modelling subset energy forecast (2,940.2 GWh). This factor is applied

to each component of the billing determinants in the F2017 modelling subset to obtain the calibrated quantities for the class.

Although the rate model uses the modelling subset for the computations, the outcomes are identical if the calibrated billing determinants are used instead. Therefore, for the purposes of this report, the calibrated class forecast is used from section 2.3 and onwards in this document.

2.3 General Rate Increases

The F2017 general rate increase used is 4.00 per cent, as applied for by BC Hydro in the interim F2017 Revenue Requirement Application. The rate rider used in the F2017 pricing is that set out in the Order in Council No. 097, Direction No. 7, section 10 to the Commission. In summary, the rate increases used are as follows:

F2017 general rate increase: 4.00 per cent
F2017 Rate Rider: 5.00 per cent

Inflation projection for F2017 is 1.90 per cent, as set by the Treasury board of the Province of B.C. in October 2015.

2.4 Target Revenue

F2017 Medium General Service class target revenue is determined using same general methodology used to determine forecast domestic revenue described in previous years. The computation uses Medium General Service revenue based on F2016 rates, scaled up by the BC Hydro requested general rate increase for F2017 in the interim F2017 Revenue Requirement Application.

The steps for computation of the target revenue are as follows:

Table D-7 Medium General Service Target Revenue Computation Steps

Line	Description	Value	Unit	Source
A	Forecast F2017 sales	3,378.2	GWh	October 2015 Load Forecast
B	Revenue under F2016 rates	326.2	$ million	Calculated Medium General Service Revenue Forecast @ F2016 Tariff Rates
C	F2017 RRA increase	4.00	%	Chapter 1, BC Hydro F2017 to F2019 Revenue Requirements Application.
D	F2017 Target Revenue (Total Revenue at F2016 Rates Escalated by F2017 RRA increases)	339.3	$ million	B * (1 + C)
E	F2017 Rate Rider	5.00	%	Order in Council No. 097, Direction No. 7, section 10
F	F2017 Rate Rider Revenue	17.0	$ million	D * (1 + E)
G	F2017 Target Revenue including Rate Rider	356.2	$ million	D + F

Note: The computation of each result takes into account all decimal places from its components before rounding, and the precision is to 1/10 of a million dollars.

2.5 Rate Computation

A summary of the computed rates are outlined in Table D-8.

Table D-8 F2017 Medium General Service Rates (Excluding Rate Rider)

Line	Rate Component	Amount	Reference
A	Basic Charge ($/day)	0.2347	Section 2.5.1
	Demand Charge		
B	Tier 1 ($/kW)	0	Section 2.5.2
C	Tier 2 ($/kW)	5.72	Section 2.5.2
D	Tier 3 ($/kW)	10.97	Section 2.5.2
	Energy charge		
E	Tier 1 (cents /kwh)	10.30	Section 2.5.6
F	Tier 2 (cents /kwh)	7.19	Section 2.5.6
G	Part 2 Long Run Marginal Cost based Rate (cents /kwh)	10.09	Section 2.5.3
H	Minimum Energy Charge (cents/kwh)	3.43	Section 2.5.4

2.5.1 Basic Charge

The basic charge computation follows the pricing principles as outlined in section 2.2.1 above to increase by the general rate increase.

Basic Charge = F2016 Basic Charge * (F2017 RRA % + 100%)
Basic Charge = $0.2257/day * (4.00% + 100%) = $0.2347/day

2.5.2 Demand Charge

The demand charge computation follows the pricing principles as outlined in section 2.2.1 above, and the demand charge is increased by the general rate increase.

Demand Charge = F2016 Demand Charge * (F2017 RRA % + 100%)
Demand Tier 1 = $0/kW * (4.00% + 100%) = $0/kW
Demand Tier 2 = $5.50/kW * (4.00% + 100%) = $5.72/kW
Demand Tier 3 = $10.55/kW * (4.00% + 100%) = $10.97/kW

2.5.3 Part-2 Long Run Marginal Cost Based Energy Rate

The F2017 Part-2 Long Run Marginal Cost based energy rate is set to increase by the rate of inflation:

F2017 Part-2 Long Run Marginal Cost based energy rate = F2016 Part-2 Long Run Marginal Cost based energy rate x (Inflation Rate % + 100%)
F2017 Part-2 Long Run Marginal Cost based energy rate = 9.90 cents/kWh x (1.90% + 100%) = 10.09 cents/kWh

2.5.4 Minimum Energy Charge

The Minimum Energy Charge follows the pricing principles as outlined in section 2.2.1 above, and is increased by the general BC Hydro rate increase.

F2017 Minimum Energy Charge = F2016 Minimum energy Charge * (F2017 RRA % + 100%)

F2017 Minimum Energy Charge = 3.30 cents/ kWh * (4.00% + 100%) = 3.43 cents/kWh

2.5.5 Discounts

The discounts are not affected by the rate increase.

Primary discount of 1.5 per cent applies to all charges for accounts under Rate Schedules 1501 and 1511.

A discount of 25 cents per billing period per kW of billing demand is applied to accounts under Rate Schedules 1510 and 1511.

The total discount amount for eligible customers is estimated to be $131,850. This amount is entered in the model as an adjustment to forecasted revenue (Table D-9, Line V).

2.5.6 Tier 1 and Tier 2 Energy Rates

The Tier 1 and Tier 2 energy rates are set to collect the residual forecast revenue in the Medium General Service rates model. The model first computes the forecast revenue to be collected for each of the respective rate components outlined in sections 2.5.1 to 2.5.5. This quantity is then subtracted from the target revenue to determine the remaining forecast revenue to be collected under the Tier 1 and Tier 2 energy rates.

Table D-9 Computation of Forecast Revenue to be Collected under the Tier 1 and Tier 2 Medium General Service Energy Rates

Line	Description	Value	Unit	Source
A	Forecast F2017 Part 2 Long Run Marginal Cost rate component energy	(42,407,422)	kWh	Table D-6, Line H
B	Forecast F2017 Minimum Energy Charge energy	-	kWh	Table D-6, Line K
C	Forecast F2017 Tier 1 demand	6,588,615	kW	Table D-6, Line C
D	Forecast F2017 Tier 2 demand	3,925,450	kW	Table D-6, Line D
E	Forecast F2017 Tier 3 demand	7,857	kW	Table D-6, Line E
F	Forecast F2017 number of accounts	16,246		Table D-6, Line B
G	Part 2 Long Run Marginal Cost Rate	10.09	cents/kwh	Table D-8, Line G
H	Tier 1 Energy Rate	10.30	cents/kwh	Estimated through iterations Note 1
I	Tier 2 Energy Rate	7.19	cents/kwh	Estimated through iterations Note 1
J	Tier 1 Demand Rate	–	$/kW	Table D-8, Line B
K	Tier 2 Demand Rate	5.72	$/kW	Table D-8, Line C
L	Tier 3 Demand Rate	10.97	$/kW	Table D-8, Line D
M	Medium General Service basic charge	23.47	cents/day	Table D-8, Line A
N	Minimum Energy Charge	3.43	cents/kwh	Table D-8, Line H
O	Forecast Revenue by rate component, excluding rate rider:			
P	Part 2 Long Run Marginal Cost Forecast Revenue	(4,278,103)	$	A * G/100 Note 2
Q	Medium General Service Tier 1 Demand Forecast Revenue	-	$	C * J Note 2
R	Medium General Service Tier 2 Demand Forecast Revenue	22,453,572	$	D * K Note 2
S	Medium General Service Tier 3 Demand Forecast Revenue	86,209	$	E * L Note 2
T	Medium General Service basic charge Forecast Revenue	1,395,683	$	M * F * 365/100 Note 2
U	Minimum Electric Charge Bills Forecast Revenue	–	$	N * B/100 Note 2
V	Transformation and Primary Potential Discounts	(131,850)	$	Estimated using the rates in Line G, H, I, J , K, L, M, N Note 2
W	Total forecast Revenue from rate components excluding Tier 1 and Tier 2 Energy	19,525,511	$	Sum (P thru V)
X	F2017 Total Target Revenue	339,276,642	$	Table D-7, Line D
Y	**Forecast Revenue to be collected from Tier 1 and Tier 2 energy rates**	319,751,131	**$**	**X - W**

Note 1: The Tier 1 and Tier 2 energy rates in Table D-9 lines H and I are used as inputs for computing discounts only. These estimates are derived iteratively with the rate outcomes in Table D-9 lines H and I, to a variance of 0.001 cent/kWh.

Note 2: No rounding has been applied to the calculations to compute the outcomes, as this is an intermediate step in the rate model.

The calculation of Tier 1 and Tier 2 energy rates are designed to collect the revenue referenced in Table D-9, Line Y, while maintaining a T2/T1 ratio of 1.4333 which is the T2/T1 ratio in F2016 rates.

The computation of Tier 1 and Tier 2 energy rates are detailed in Table D-10 and the final rates are as follows:

Tier 1 energy rate: 10.30 cents/kWh

Tier 2 energy rate: 7.19 cents/kWh

Table D-10 Computation of Tier 1 and Tier 2 Medium General Service Energy Rates

Line	Description	Value	Unit	Source
A	Tier 1 forecasted billed consumption, from both Part 1 and Part 2	2,370,380,563	kWh	Table D-6, Line F and Line I
B	Tier 2 forecasted billed consumption, from both Part 1 and Part 2	1,050,246,309	kWh	Table D-6, Line G and Line J
C	**Revenue to be recovered from Tier 1 and Tier 2 Tariff Rates**	319,751,131	$	Table D-9, Line Y
D	F16 Tier 1 Rate	9.89		F2016 Tariff Approved by Commission Order No. G-48-14
E	F16 Tier 2 Rate	6.90		F2016 Tariff Approved by Commission Order No. G-48-14
F	F16 Tier 1/Tier 2 Ratio	1.43		D/E
G	F17 Tier 1/Tier 2	1.43		I/H
H	**F2017 Tier 2 Energy Rate**	**7.19**	**cents/kWh**	**Determined so that F is as close to G as possible, without exceeding G.**
I	**F2017 Tier 1 Energy Rate**	**10.30**	**cents/kWh**	**[C – (B*H/100)]/A*100**

2.6 Revenue Neutrality

The rates calculated in section 2.5 above are revenue neutral on a forecast basis and are verified to ensure that they recover the target revenue on a forecast basis by applying the rates computed in section 2.5.6 above (Table D-10, Lines H and I) to the F2017 Medium General Service class forecast, and then comparing the resulting forecast revenue to the F2017 Medium General Service class revenue target. The results in Table D-11, Lines AF to AI show that the rates recover the target revenue on a forecast basis, with a variance of 0.028 per cent, which is attributable to rounding (demand charge to the $0.01/kW and Energy charge to the 0.01 cent/kWh).

Table D-11 Revenue Neutrality

Line	Description	Value	Unit	Source
A	Forecast Part 1, Tier 1 Class Load	2,385,555,944	kWh	Table D-6, Line F
B	Forecast Part 1, Tier 2 Class Load	1,045,698,266	kWh	Table D-6, Line G
C	Forecast Part 2 Long Run Marginal Cost Class Load	(42,407,422)	kWh	Table D-6, Line H
D	Forecast Part 2 Tier 1 Class Load	(15,175,381)	kWh	Table D-6, Line I
E	Forecast Part 2 Tier 2 Class Load	4,548,043	kWh	Table D-6, Line J
F	Forecast Minimum energy charge Class load	-	kWh	Table D-6, Line K
G	Forecast Energy, Medium General Service Class	3,378,219,450	kWh	Table D-6, Line A
H	Forecast Number of Accounts, Medium General Service Class	16,246		Table D-6, Line B
I	Forecast Class Demand Tier 1	6,588,615	kW	Table D-6, Line C
J	Forecast Class Demand Tier 2	3,925,450	KW	Table D-6, Line D
K	Forecast Class Demand Tier 3	7,857	kW	Table D-6, Line E
L	Tier 1 Energy Rate	10.30	cents/kWh	Table D-10, Line I

Line	Description	Value	Unit	Source
M	Tier 2 Energy Rate	7.19	cents/kWh	Table D-10, Line H
N	Part 2 Long Run Marginal Cost Energy Rate	10.09	cents/kWh	Table D-9, Line G
O	Minimum Energy Charge	3.43	cents/kWh	Table D-9, Line N
P	Basic Charge	0.2347	$/Day	Table D-9, Line M
Q	Tier 1 Demand Rate	-	$/kW	Table D-9, Line J
R	Tier 2 Demand Rate	5.72	$/kW	Table D-9, Line K
S	Tier 3 Demand Rate	10.97	$/kW	Table D-9, Line L
T	Forecast primary potential and transformation discounts	(131,850)	$	Table D-9, Line V
U	Tier 1 Energy Revenue	245,712,262	$	A * L/100
V	Tier 2 Energy Revenue	75,185,705	$	B * M/100
W	Part 2 Long Run Marginal Cost Energy Revenue	(4,278,909)	$	C * N/100
X	Part 2 Tier 1 Energy Revenue	(1,563,064)	$	D * L/100
Y	Part 2 Tier 2 Energy Revenue	327,004	$	E * M/100
Z	Minimum Energy Charge Revenue	-	$	F * O/100
AA	Tier 1 Demand Revenue	-	$	I * Q
AB	Tier 2 Demand Revenue	22,453,572	$	J * R
AC	Tier 3 Demand Revenue	86,193	$	K * S
AD	Basic Charge Revenue	1,391,722	$	H * P * 365
AE	Rate Rider	5%		Order in Council No. 097, Direction No. 7, section 9
AF	Total Forecasted Revenue (including rate rider)	356,141,767	$	Sum (T to AD)* (1+ AE)
AG	Target Revenue (including rate rider)	356,240,474	$	Table D-7, Line G
AH	Variance due to rates rounding	(98,707)	$	AF - AG
AI	Variance %	-0.028%		AH/AG

Note: Results displayed in Table D-11 are calculated before any of the inputs are rounded.

3 F2017 Large General Service Rate Calculation

3.1 Executive Summary

This document describes the methodology BC Hydro used to calculate the F2017 Large General Service rate (Rate Schedules 1600, 1601, 1610, and 1611 (**16XX**)) effective April 1, 2016. The rate is computed based on a 4.00 per cent rate increase as applied for by BC Hydro in the interim F2017 Revenue Requirement Application.

The F2017 Large General Service rate is shown in Table D-12.

Table D-12 F2017 Large General Service Rate

Rate Component	Amount
Basic Charge ($/day)	0.2347
Demand Charge	
Tier 1 ($/kW)	0
Tier 2 ($/kW)	5.72
Tier 3 ($/kW)	10.97
Energy charge	
Tier 1 (cents /kwh)	11.14
Tier 2 (cents /kwh)	5.36
Part 2 Long Run Marginal Cost [Note 1] based Rate (cents /kwh)	10.09
Minimum Energy Charge (cents/kwh)	3.43

The rate calculation methodology is consistent with the Large General Service pricing methodology outlined in Appendix O of BC Hydro's Large General Service Rate Application filed on October 16, 2009 and approved by Commission Order No. G-110-10.

The calculation shows that this rate recovers the target revenue based on forecasted kWh energy sales, with a variance of 0.011 per cent that is attributable to rounding (demand charges are rounded to the nearest $0.01/kW and energy charges are rounded to the nearest 0.01 cents/kWh).

3.2 Methodology

BC Hydro's methodology used to calculate the F2017 Large General Service rate reflects the 4.00 per cent rate increase as applied for by BC Hydro in the interim F2017 Revenue Requirement Application. The rate calculation methodology is consistent with the Large General Service pricing methodology approved by Commission Order No.G-110-10 and is embedded in BC Hydro's Large General Service Rate Model which calculates the rates for Rate Schedules 16XX.

3.2.1 Pricing Methodology

The following steps are used to calculate the Large General Service rates that arise from the pricing methodology as approved by Commission Order No. G-110-10:

(a) The basic charge is increased at the rate of the general BC Hydro rate increase;

(b) The demand charges, based on peak usage at Tier 1 (35 kW and under), Tier 2 (35 kW up to but not including 150 kW), and Tier 3 (150 kW and up) are increased at the rate of the general BC Hydro rate increase;

(c) The F2017 Part-2 LRMC-based energy rate is the F2016 rate (9.90 c/ kWh) increased at the rate of inflation;

(d) The minimum energy charge is increased at the rate of the general BC Hydro rate increase;

(e) The forecast revenue from applying the rates from (a), (b), (c), and (d) to their respective forecast billing determinants is subtracted from the target revenue, and this residual amount is recovered by the Tier 1 and Tier 2 energy rates; and

(f) Part-1 rates are determined so that the ratio of Tier 2 rates to Tier 1 rates is 2.08, as explained in Appendix O, page 16, of the Large General Service Rate Application.

3.2.2 Billing Determinants

The billing determinants are based on a modelling sample constructed from a subset of F2017 forecasted sales of the Large General Service Class by account (Column 3, Table D-13).

Table D-13 Large General Service F2017 Billing Determinants

Line	Rate Component	F2017 Large General Service Sample Forecast Sales	F2017 Large General Service Total Forecast Sales	
A	Energy Sales, Large General Service Class (kWh)	10,499,241,978	11,117,924,209	Note 1
B	Number of Accounts	6,266	6,635	Note 2
C	Demand Tier 1 (kW)	2,613,192	2,767,178	Note 2
D	Demand Tier 2 (kW)	7,476,517	7,917,082	Note 2
E	Demand Tier 3 (kW)	15,819,994	16,752,208	Note 2
F	Part 1 Tier 1 (HBL kWh Note 3)	1,080,985,298	1,144,683,839	Note 2
G	Part 1 Tier 2 (HBL kWh)	9,414,582,510	9,969,349,694	Note 2
H	Part 2 Long Run Marginal Cost -based (kWh)	924,657	979,144	Note 2
I	Part 2 Tier 2 (kWh)	(8,826,041)	(9,346,128)	Note 2
J	Minimum Energy Charge (kWh)	11,575,554	12,257,659	Note 2

Note 1: Forecast is estimated by first calculating the proportion of F2015 Large General Service sales to total F2015 Existing Large General Service sales. This proportion is then applied to the F2017 Existing Large General Service forecast of 14,874.5 GWh from the October 2015 Load Forecast.

Note 2: Forecast based on applying a calibration factor of 1.0589 to the F2017 Large General Service modelling subset billing determinant. This factor is constructed by dividing the F2017 Large General Service Class energy forecast (11,117.9 GWh) by the F2017 Large General Service modelling subset energy forecast (10,499.2 GWh) (refer to section 3.2.4 below).

Note 3: "**HBL**" denotes Historical Baseline

3.2.2.1 Subset of Billing Data used for Rate Modelling

F2015 Large General Service billing data (April 2014 through March 2015) is used for modelling and rate-setting. Accompanying this billing data are forecasted F2017 HBLs as described in section 3.2.3.

This data consists of billing kW and kWh, calendarized on a monthly basis, by account. The rate modelling is based on a subset of the billing data, which is created

by excluding accounts that meet the general criteria below, as established in the previous compliance filing:

(a) Missing kWh consumption or demand in any month of F2015;

(b) Have no HBL available for any month for F2016 (which are used to forecast F2017 HBLs);

(c) Have non-zero kWh consumption coincident with zero kW demand in any month of F2015;

(d) Have negative kW demand in any demand tier in any month of F2015;

(e) Have non-zero kW demand coincident with zero kW demand in a lower tier in any month of F2015;

(f) "New" accounts with service commencement dates in F2015 or later; and

(g) Accounts that closed before fiscal year end.

3.2.2.2 Forecasting the Modelling Subset's Billing Determinants for the Test Year

The modelling subset's number of accounts, and each account's specific monthly demand and energy consumption are scaled by a common factor to forecast the respective quantities in the modelling subset for F2017, the test year. The scaling factor is constructed using the actual and forecasted sales of Existing Large General Service accounts, which currently would consist of Rate Schedules 1200, 1201, 1210, 1211, 15XX, and 16XX:

Scaling factor = (F2017 Existing Large General Service Forecast sales)/(F2015 Existing Large General Service sales)
= 14,874.5 GWh/14,630.3 GWh
= 1.0167

BC Hydro does not currently have enough information to estimate a precise scaling factor specific to the Large General Service Class (accounts taking service under Rate Schedules 16XX) as the rate was implemented in January 2011.

The key assumptions and specifications regarding the billing determinants used in the Large General Service rate model are specified by rate components below:

Basic Charge	The billing determinant for the basic charge is the sum of the number of forecasted accounts in the rate design subset, multiplied by 365 days in a year.
Demand Charge	The forecasted F2017 peak demand for each tier are estimated by adjusting the F2015 demand sales by the energy consumption scale factor (1.0167) to ensure that the revenue forecasted from demand charges are representative and consistent with forecasted account and energy growth of the class.
Part-1 and Part-2 Tier 1 and Tier 2 energy rates	Part-1 Tier 1 HBL energy consists of all baseline consumption (HBL) that is at or below 14,800 kWh in a given monthly billing period. Part-1 Tier 2 HBL energy consists of remaining baseline consumption. Part-2 Tier 1 and Tier 2 billing determinants are the allocated Tier 1 and Tier 2 HBL energy adjusted for forecast F2017 consumption outside the price limit band i.e., 80 per cent of HBL to 120 per cent of HBL (or -20%/+20% of HBL) .
Part-2 Long Run Marginal Cost -based energy charge/credit	This is calculated based on the difference between the forecasted HBL and forecasted F2017 consumption and the price limit band.

Part-2 Tier 2 and Tier 1 energy charge/credit	The model assumes that the forecasted energy consumption for accounts that exceed the price limit bands falls into the Tier 2 energy rate component. This is because most Large General Service accounts greatly exceed the Tier 1 consumption threshold of 14,800 kWh. This assumption simplifies the model without substantive impact on the outcome.
F2017 Large General Service Class Forecast Sales	The most recently available F2017 Existing Large General Service forecast sales based on BC Hydro's October 2015 Load Forecast is used. The Large General Service class-specific load forecast is estimated by first calculating the proportion of F2015 Large General Service sales to total F2015 Existing Large General Service sales. This proportion is then applied to the F2017 Existing Large General Service forecast sales of 14,874.5 GWh. (refer to Table D-13, Note 1)

3.2.3 Forecasting Baselines (HBLs)

The F2017 baselines are forecasted by scaling the F2016 baselines up by the difference between the three-year moving average consumption for years leading up to F2016 (which informs F2016 baselines) and the three-year moving average consumption for years leading up to F2017 (which informs F2017 baselines). This best preserves the variations between forecast consumption and baseline.

3.2.4 Model Calibration

While the Large General Service class energy load forecast is an external input as described in section 3.2.2.2, the Large General Service class billing determinants for each rate component are determined by applying a calibration factor of 1.0589 to the

respective components of the billing determinants in the F2017 modelling subset. This calibration factor is constructed based on dividing the F2017 Large General Service Class energy forecast (11,117.9 GWh) by the F2017 modelling subset energy forecast (10,499.2 GWh). The calculations described in section 3.3 and onwards are based on calibrated quantities for the class.

3.3 General Rate Increases

The general rate increase used is 4.00 per cent, as applied for by BC Hydro in the interim F2017 Revenue Requirement Application. The rate rider used in the F2017 pricing is that set out in section 10 of Direction No. 7 to the Commission. In summary, the rate increases used are as follows:

F2017 general rate increase: 4.00 per cent
F2017 Rate Rider: 5.00 per cent

Inflation projection for F2017 is 1.90 per cent, as set by the Treasury board of the Province of BC in October 2015.

3.4 Target Revenue

F2017 Large General Service class target revenue is determined using the same general methodology used to determine forecast domestic revenue described in previous years. The computation uses Large General Service revenue calculated at F2016 rates scaled up by the BC Hydro requested general rate increase for F2017 in the interim F2017-F2019 Revenue Requirements Application.

The steps for computation for the target revenue are as follows:

Table D-14 Large General Service Target Revenue Computation Steps

Line	Description	Value	Unit	Source
A	Forecast F2017 sales	11,117.9	GWh	October 2015 BC Hydro Load Forecast
B	Revenue under F2016 rates	847.2	$ million	Calculated Large General Service Revenue Forecast at F2016 Tariff Rates
C	F2017 RRA increase	4.00	%	Chapter 1, BC Hydro F2017 to F2019 Revenue Requirements Application.
D	F2017 Target Revenue (Total Revenue at F2016 Rates Escalated by F2017 RRA increases)	881.1	$ million	B * (1 + C)
E	F2017 Rate Rider	5.00	%	Order in Council No. 097, Direction No. 7, section 10
F	F2017 Rate Rider Revenue	44.1	$ million	D * E
G	F2016 Target Revenue including Rate Rider	925.2	$ million	D + F

3.5 Rate Computation

A summary of the computed rates is provided in Table D-15.

Table D-15 F2017 Large General Service Rates (Excluding Rate Rider)

Line	Rate Component	Amount	Reference
A	Basic Charge ($/day)	0.2347	Section 3.5.1
	Demand Charge		
B	Tier 1 ($/kW)	0	Section 3.5.2
C	Tier 2 ($/kW)	5.72	Section 3.5.2
D	Tier 3 ($/kW)	10.97	Section 3.5.2
	Energy charge		
E	Tier 1 (cents /kwh)	11.14	Section 3.5.6
F	Tier 2 (cents /kwh)	5.36	Section 3.5.6
G	Part 2 Long Run Marginal Cost based Rate (cents /kwh)	10.09	Section 3.5.3
H	Minimum Energy Charge (cents /kwh)	3.43	Section 3.5.4

3.5.1 Basic Charge

The basic charge computation follows the pricing principles as outlined in section 3.2.1 above, which is to increase by the general rate increase.

Basic Charge = F2016 Basic Charge * (F2017 RRA % + 100%)
Basic Charge = $0.2257/day * (4.00% + 100%) = $0.2347/day

3.5.2 Demand Charge

The demand charge computation follows the pricing principles as outlined in section 3.2.1 above, and the demand charge is increased by the general rate increase.

Demand Charge = F2016 Demand Charge * (F2017 RRA % + 100%)
Demand Tier 1 = $0/kW * (4.00% + 100%) = $0/kW
Demand Tier 2 = $5.50/kW * (4.00% + 100%) = $5.72/kW
Demand Tier 3 = $10.55/kW * (4.00% + 100%) = $10.97/kW

3.5.3 Part-2 Long Run Marginal Cost Based Energy Rate

The F2017 Part-2 Long Run Marginal Cost based energy rate is set to increase by the rate of inflation:

F2017 Part-2 Long Run Marginal Cost based energy rate = F2016 Part-2 Long Run Marginal Cost based energy rate x (Inflation Rate % + 100%)
F2017 Part-2 Long Run Marginal Cost based energy rate = 9.90 cents/kWh x (1.90% + 100%) = 10.09 cents/kWh

3.5.4 Minimum Energy Charge

The Minimum Energy Charge follows the pricing principles as outlined in section 3.2.1 above, and is increased by the general BC Hydro rate increase.

F2017 Minimum Energy Charge = F2016 Minimum energy Charge * (F2017 RRA % + 100%)

F2017 Minimum Energy Charge = 3.30 cents/ kWh * (4.00% + 100%) =
3.43 cents/kWh

3.5.5 Discounts

The discount rates are not affected by the rate increase.

Primary discount of 1.5 per cent applies to all charges for customers under Rate Schedules 1601 and 1611.

A discount of 25 cents per billing period per kW of billing demand is applied to customers under Rate Schedules 1610 and 1611.

The total discount amount for eligible customers is estimated to be $10,312,082. This amount is entered in the model as an adjustment to forecasted revenue (Table D-16, Line U).

3.5.6 Tier 1 and Tier 2 Energy Rates

The Tier 1 and Tier 2 energy rates are set to collect the residual forecast revenue in the Large General Service rates model. The model first computes the forecast revenues to be collected for each of the respective rate components outlined in sections 3.5.1 to 3.5.5 above. This quantity is then subtracted from the target revenue to determine the remaining forecast revenue to be collected under the Tier 1 and Tier 2 energy rates.

Table D-16 Computation of Forecast Revenue to be Collected under the Tier 1 and Tier 2 Large General Service Energy Rates

Line	Description	Value	Unit	Source
A	Forecast F2017 Part 2 LRMC rate component energy	979,144	kWh	Table D-13, Line H
B	Forecast F2017 Minimum Energy Charge energy	12,257,659	kWh	Table D-13, Line J
C	Forecast F2017 Tier 1 demand	2,767,178	kW	Table D-13, Line C
D	Forecast F2017 Tier 2 demand	7,917,082	kW	Table D-13, Line D
E	Forecast F2017 Tier 3 demand	16,752,208	kW	Table D-13, Line E
F	Forecast F2017 Number of accounts	6,635		Table D-13, Line B
G	Part 2 Long Run Marginal Cost Rate	10.09	cents/kwh	Table D-15, Line G
H	Tier 1 Energy Rate	11.14	cents/kwh	Estimated through iterations Note 1
I	Tier 2 Energy Rate	5.36	cents/kwh	Estimated through iterations Note 1
J	Tier 1 Demand Rate	-	$/kW	Table D-15, Line B
K	Tier 2 Demand Rate	5.72	$/kW	Table D-15, Line C
L	Tier 3 Demand Rate	10.97	$/kW	Table D-15, Line D
M	Large General Service basic charge	23.47	cents/day	Table D-15, Line A
N	Minimum Energy Charge	3.43	cents/kwh	Table D-15, Line H
	Forecast Revenue by rate component, excluding rate rider:			
O	Part 2 Long Run Marginal Cost Forecast Revenue	98,777	$	A * G/100 Note 2
P	Large General Service Tier 1 Demand Forecast Revenue	-	$	C * J Note 2
Q	Large General Service Tier 2 Demand Forecast Revenue	45,285,706	$	D * K Note 2
R	Large General Service Tier 3 Demand Forecast Revenue	183,805,231	$	E * L Note 2
S	Large General Service basic charge Forecast Revenue	570,024.89	$	M * F * 365/100 Note 2
T	Minimum Electric Charge Bills Forecast Revenue	420,682.86	$	N * B/100 Note 2

Line	Description	Value	Unit	Source
U	Transformation and Primary Potential Discounts	(10,312,082)	$	Estimated, using the rates in Line G, H, I, J , K, L, M, N Note 2
V	Total forecast Revenue from rate components excluding Tier 1 and Tier 2 energy	219,868,340	$	Sum (O thru U)
W	F2017 Total Target Revenue	881,107,347	$	Table D-14, Line E
X	**Forecast Revenue to be collected from Tier 1 and Tier 2 Energy rates**	**661,239,007**	**$**	**W - V**

Note 1: The Tier 1 and Tier 2 Energy rates in Table D-16, lines H and I are used as inputs for computing discounts only. These estimates are derived iteratively with the rate outcomes in Table D-17, lines G and H, to a variance of 0.001 cents/kWh.

Note 2: No rounding has been applied to the calculations to compute the outcomes, as this is an intermediate step in the rate model.

The calculation of Tier 1 and Tier 2 Energy rates are designed to collect the revenue referenced in Table D-16, Line Y. The design of these rates maintains the rate ratio of 2.08:1 (Tier 1: Tier 2 rates) per BC Hydro's Large General Service Rate Application and approved by Commission Order No. G-110-10, and is verified by dividing the F2017 Tier 2 energy rate by the Tier 1 energy rate. This ratio allows the Tier 2 rate to be derived directly, and the Tier 1 rate to be calculated as the Tier 2 rate multiplied by the rate ratio. The formula used to derive Tier 1 and Tier 2 energy rates is described below:

Beta = Ratio of F2017 Tier 1/F2017 Tier 2 energy rates = 2.08

R = Forecast revenue to be recovered from Tier 1 and Tier 2 energy rates
= Tier 1 kWh *(Beta) * Tier 2 rate + Tier 2 kWh * Tier 2 rate

Rearranging above formula yields:

Tier 2 rate = R/(Tier 1 kWh * (Beta) + Tier 2 kWh)

The rate derivation is described in Table D-17.

Table D-17 Computation of Tier 1 and Tier 2 Energy Rates

Line	Description	Value	Unit	Source
A	Tier 1 forecasted billed consumption	1,144,683,839	kWh	Table D-13, Line F
B	Tier 2 forecasted billed consumption	9,960,003,566	kWh	Table D-13, Line G and Table D-13, Line I
C	Revenue to be recovered from Tier 1 and Tier 2 energy rates	661,239,007	$	Table D-16, Line X
D	F2016 Tier 1 Energy Rate	10.66	cents/kWh	F2016 Tariff Approved by Commission Order No. G-48-14
E	F2016 Tier 2 Energy Rate	5.13	cents/kWh	F2016 Tariff Approved by Commission Order No. G-48-14
F	Beta	2.08		Large General Service Rate Application and approved by Commission Order No. G-110-10; verified by D/E
G	F2017 Tier 2 Energy Rate	5.36	cents/kWh	C/(A*F + B) *100
H	F2017 Tier 1 Energy Rate	11.14	cents/kWh	G*F

3.6 Revenue Neutrality

Using the rates calculated via the rate calculation methodology described above, this section shows that the rates are class revenue neutral on a forecast basis using the F2017 forecast load. This is done by comparing the revenue under the F2017 Large General Service rate and the revenue target, as shown in Table D-18.

The rates calculated in section 3.5 above are verified to ensure that they recover the target revenue on a forecast basis by applying the rates computed in section 3.5.6 above (Table D-17, Lines G and H) to the F2017 Large General Service class forecast, and then comparing the resulting forecast revenue to the F2017 Large General Service class revenue target. The results in Table D-18, lines AD to AG, show that the rates recover the target revenue on a forecast basis, with a variance of

0.011 per cent, which is attributable to rounding (demand charge to the $0.01/kW and Energy charge to the 0.01 cent/kWh).

Table D-18 Revenue Neutrality

Line	Description	Value	Unit	Source
A	Forecast Part 1, Tier 1 Class Load	1,144,683,839	kWh	Table D-13, Line F
B	Forecast Part 1, Tier 2 Class Load	9,969,349,694	kWh	Table D-13, Line G
C	Forecast Part 2 Long Run Marginal Cost Class Load	979,144	kWh	Table D-13, Line H
D	Forecast Part 2 Tier 2 Class Load	(9,346,128)	kWh	Table D-13, Line I
E	Forecast Minimum Energy Charge Class Load	12,257,659	kWh	Table D-13, Line J
F	Forecast Energy, Large General Service Class	11,117,924,209	kWh	Table D-13, Line A
G	Forecast Number of Accounts, Large General Service Class	6,635		Table D-13, Line B
H	Forecast Class Demand Tier 1	2,767,178	kW	Table D-13, Line C
I	Forecast Class Demand Tier 2	7,917,082	KW	Table D-13, Line D
J	Forecast Class Demand Tier 3	16,752,208	kW	Table D-13, Line E
K	Tier 1 Energy Rate	11.14	cents/kWh	Table D-17, Line H
L	Tier 2 Energy Rate	5.36	cents/kWh	Table D-17, Line G
M	Part 2 Long Run Marginal Cost Energy Rate	10.09	cents/kWh	Table D-15, Line G
N	Minimum Energy Charge	3.43	cents/kWh	Table D-15, Line H
O	Basic Charge	23.47	$/Day	Table D-15, Line A
P	Tier 1 Demand Rate	-	$/kW	Table D-15, Line B
Q	Tier 2 Demand Rate	5.72	$/kW	Table D-15, Line C
R	Tier 3 Demand Rate	10.97	$/kW	Table D-15, Line D
S	Forecast primary potential and transformation discounts	(10,312,082)	$	Table D-16, Line U
T	Tier 1 Energy Revenue	127,517,780	$	A * K/100
U	Tier 2 Energy Revenue	534,357,144	$	B * L/100
V	Part 2 Long Run Marginal Cost Energy Revenue	98,796	$	C * M/100
W	Part 2 Tier 2 Energy Revenue	(500,952)	$	D * L/100

Line	Description	Value	Unit	Source
X	Minimum Energy Charge Revenue	420,438	$	E * N/100
Y	Tier 1 Demand Revenue	-	$	H * P
Z	Tier 2 Demand Revenue	45,285,706	$	I * Q
AA	Tier 3 Demand Revenue	183,771,726	$	J * R
AB	Basic Charge Revenue	568,391	$	G * O * 365
AC	Rate Rider	5	%	Order in Council No. 097, Direction No. 7, section 10
AD	Total Forecasted Revenue (including rate rider)	925,267,292	$	Sum (S to AB) * (1+AC)
AE	Target Revenue (including rate rider)	925,162,714	$	Table D-14, Line G
AF	Variance due to rates rounding	104,578	$	AD – AE
AG	Variance %	0.011	%	AF/AE

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F2017 to F2019 Revenue Requirements Application
Request for Interim F2017 Rates

Appendix E

Tariff Pages
Black-lined

SCHEDULE 1101, 1121 – RESIDENTIAL SERVICE

Availability: For Residential Service. Service is normally single phase, 60 hertz at the secondary potential available. In BC Hydro's discretion, service may be three phase 120/208 or 240 volts.

Applicable in: Rate Zone I.

Rate:

1. Schedule 1101 - Residential Service

Basic Charge ~~17.64~~18.35¢ per day

Energy Charge

A. For customers billed monthly

Step 1 – First 675 kW.h per month @ ~~7.97~~8.29 cents/kW.h

Step 2 – Additional kW.h per month @ ~~11.95~~12.43 cents/kW.h

B. For customers billed bi-monthly

Step 1 – First 1350 kW.h per two months @ ~~7.97~~8.29 cents/kW.h

Step 2 – Additional kW.h per two months @ ~~11.95~~12.43 cents/kW.h

Note: For billing purposes. Step 1 is pro-rated on a daily basis.

2. Schedule 1121 - Multiple Residential Service

Basic Charge ~~17.64~~18.35¢ per Single-Family Dwelling per day

Energy Charge – Per Single Family Dwelling

A. For Customers billed monthly

Step 1 – First 675 kW.h. per month @ ~~7.97~~8.29 cents/kW.h

Step 2 – Additional KW.h per month @ ~~11.95~~12.43 cents/kW.h

B. For Customers billed bi-monthly

Step 1 – First 1350 kW.h per two months @ ~~7.97~~8.29 cents/kW.h

Step 2 – Additional kW.h per two months @ ~~11.95~~12.43 cents/kW.h

Note: For billing purposes, Step 1 is pro-rated on a daily basis

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BC Hydro
Rate Schedules
Effective: April 1, ~~2015~~ 2016
~~Eleventh~~ Twelfth Revision of Page 2

Minimum Charge:

Schedule 1101 - The Basic Charge.

Schedule 1121 - The Basic Charge per Single-Family Dwelling.

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Special Conditions:

1. The maximum capacity of all heating elements energized at any one time in any water heater served under this schedule shall not exceed the greater of 1,500 watts or 45 watts per litre (200 watts per imperial gallon) of tank capacity, except with the written permission of BC Hydro.
2. Schedule 1121 applies if the Premises contain more than two Single-Family Dwellings.

A discount of 25¢ per month per kW of maximum demand shall be applied to Schedule 1121 if a Customer supplies the transformation from a primary potential to a secondary potential. BC Hydro will install a demand meter in addition to a kilowatt hour meter. BC Hydro will install its meters at the secondary potential. The Billing Code for Schedule 1121 Customers eligible for the Discount for Ownership of Transformers shall be Schedule 1122.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, ~~2015~~ 2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

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SCHEDULE 1105 – RESIDENTIAL SERVICE – DUAL FUEL (CLOSED)

Availability:	For residential space heating and water heating upon an interruptible basis. Electricity purchased under this rate schedule will be separately metered. Service is single phase, 60 hertz, at 120/240 or 240 volts. This schedule is available only in Premises served under this schedule on 15 January 1990 and continuously thereafter, only with respect to equipment served under this schedule on 15 January 1990 and continuously thereafter, and only in Premises where there has been no change in Customer since April 1, 2008.
Applicable in:	Rate Zone I in areas where, in BC Hydro's opinion, BC Hydro's transmission, sub-transmission and distribution circuit feeders are or will be capable of handling the added load.
Rate:	Except as stated hereunder, the rate shall be: ~~5.22~~5.43¢ per kW.h Exception: If during a Period of Interruption a customer has failed to comply with BC Hydro's requirement to cease the use of electricity and BC Hydro, in its sole discretion, continues to supply electricity, the rate for such electricity shall be: ~~30.37~~31.58¢ per kW.h
Period of Interruption:	A period during which a customer is required by BC Hydro to cease the use of electricity under this rate schedule.

5. BC Hydro will upgrade an existing service connection supplying firm load to serve additional load under this rate schedule. The charge for upgrading will be the same as applicable to a new service connection.
6. No other load than that stipulated in the Availability clause is permitted under this rate schedule. Any unauthorized use of electricity or any refusal by a customer to permit Access to Premises in accordance with the Terms and Conditions of BC Hydro's Electric Tariff will result in the immediate disconnection of the service and all unauthorized consumption as estimated by BC Hydro shall be billed at the rate for electricity during a Period of Interruption as stated in this rate schedule.
7. In addition to and without restriction of any other limitations of liability of BC Hydro, BC Hydro shall specifically not be liable for any loss, damage, injury or expense occasioned to or suffered by any customer receiving service on this rate schedule, or by any other person, for or by reason of any interruption of electricity supply whatsoever for any reason whatsoever.
8. The maximum capacity of all heating elements energized at any one time in any water heater served under this schedule shall not exceed the greater of 1,500 watts or 45 watts per litre (200 watts per imperial gallon) of tank capacity, except with the written permission of BC Hydro
9. At the conclusion of any Period of Interruption, BC Hydro may terminate service under this rate schedule to any customer who used electricity during a Period of Interruption, unless it can be demonstrated to BC Hydro's satisfaction that adequate standby facilities exist.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, ~~2015~~ 2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

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SCHEDULE 1107, 1127 – RESIDENTIAL SERVICE – ZONE II

Availability:	For Residential Service. Service is normally single phase, 60 hertz at the secondary potential available. In BC Hydro's discretion, service may be three phase 120/208 or 240 volts.
Applicable in:	Rate Zone II.
Rate:	1. Schedule 1107 - Residential Service Basic Charge ~~18.82~~19.57 ¢ per day First 1500 kW.h per month @ ~~9.55~~9.93 ¢ per kW.h All additional kW.h per month @ ~~16.41~~17.07 ¢ per kW.h. 2. Schedule 1127 - Multiple Residential Service Basic Charge ~~18.82~~19.57 ¢ per single-family dwelling per day First 1500 kW.h per single-family dwelling per month @ ~~9.55~~9.93 ¢ per kW.h All additional kW.h per month @ ~~16.41~~17.07 ¢ per kW.h.
Minimum Charge:	Schedule 1107 - The Basic Charge. Schedule 1127 - The Basic Charge per Single-Family Dwelling.
Special Conditions:	1. The maximum capacity of all heating elements energized at any one time in any water heater served under this schedule shall not exceed the greater of 1,500 watts or 45 watts per litre (200 watts per imperial gallon) of tank capacity, except with the written permission of BC Hydro. 2. Schedule 1127 applies if the Premises contain more than two Single-Family Dwellings.
Discount for Ownership of Transformers:	A discount of 25¢ per month per kW of maximum demand shall be applied to Schedule 1127 if a Customer supplies the transformation from a primary potential to a secondary potential. BC Hydro will install a demand meter in addition to a kilowatt hour meter. BC Hydro will install its meters at the secondary potential. The Billing Code for Schedule 1127 Customers eligible for the Discount for Ownership of Transformers shall be Schedule 1128.
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, ~~2015~~ 2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

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SCHEDULE 1148 – RESIDENTIAL SERVICE – ZONE II (CLOSED)

Availability:	For Residential Service in Rate Zone II where a permanent electric space heating system is in use, providing the aforesaid system was installed prior to 10 October 1966. This schedule is available only to a Customer and Premises served under this rate schedule on 24 April 1992 and continuously thereafter.
Applicable in:	Rate Zone II.
Rate:	Basic Charge ~~18.82~~19.57 ¢ per day All kW.h @ ~~9.55~~9.93 ¢ per kW.h.
Minimum Charge:	The Basic Charge.
Special Condition:	The maximum capacity of all heating elements energized at any one time in any water heater served under this schedule shall not exceed the greater of 1,500 watts or 45 watts per litre (200 watts per imperial gallon) of tank capacity, except with the written permission of BC Hydro.
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, ~~2015~~ 2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

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SCHEDULE 1151, 1161 - EXEMPT RESIDENTIAL SERVICE

Availability: For residential service and uses exempted from rate schedules 1101 and 1121, including:

1. Use upon farms as referenced in the definition of Residential Service.
2. Residential service Customers in Rate Zone IB.

Service is normally single phase, 60 hertz at the secondary potential available. In BC Hydro's discretion, service may be three phase 120/208 or 240 volts.

Applicable in: Rate Zone I and Rate Zone IB

Rate:

1. Schedule 1151 – Residential Service

   Basic Charge ~~18.82~~19.57¢ per day

   All kW.h @ ~~9.55~~9.93¢ per kW.h

2. Schedule 1161 – Multiple Residential Service

   Basic Charge ~~18.82~~19.57¢ per day per Single-Family Dwelling per day

   All kW.h @ ~~9.55~~9.93¢ per kW.h

Minimum Charge: Schedule 1151 - The Basic Charge.

Schedule 1161 – The Basic Charge per Single-Family Dwelling

Special Conditions: The maximum capacity of all heating elements energized at any one time in any water heater served under this schedule shall not exceed the greater of 1,500 watts or 45 watts per litre (200 watts per imperial gallon) of tank capacity, except with the written permission of BC Hydro.

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Discount for Ownership of Transformers:	A discount of 25¢ per month per kW of maximum demand shall be applied to Schedule 1161 if a Customer supplies the transformation from a primary potential to a secondary potential. BC Hydro will install a demand meter in addition to a kilowatt hour meter. BC Hydro will install its meters at the secondary potential. The Billing Code for Schedule 1161 Customers eligible for the Discount for Ownership of Transformers shall be Schedule 1162.
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, ~~2015~~ 2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

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SCHEDULE 1200, 1201, 1210, 1211 – EXEMPT GENERAL SERVICE (35 KW AND OVER)

Availability: For Customers who qualify for General Service and who are enrolled in BC Hydro's Medium General Service (MGS) or Large General Service (LGS) control groups and customers in Rate Zone 1B. A Customer who ceases to be enrolled in a MGS or the LGS control group shall revert to service under the applicable MGS rate schedule or LGS rate schedule. Supply is 60 hertz, single or three phase at secondary or primary potential. BC Hydro reserves the right to determine the potential of the service connection.

Applicable in: Rate Zone I and Rate Zone IB.

Rate:

Basic Charge
~~22.57~~23.47 ¢ per day

Demand Charge

First 35 kW of Billing Demand per Billing Period	@ $0.00 per kW
Next 115 kW of Billing Demand per Billing Period	@ $~~5.50~~5.72 per kW
All additional kW of Billing Demand per Billing Period	@ $~~10.55~~10.97 per kW

Energy Charge

First 14800 kW.h of energy consumption in the Billing Period
@ ~~10.73~~11.16 ¢ per kW.h

All additional kW.h of energy consumption in the Billing Period
@ ~~5.15~~5.36 ¢ per kW.h

Discounts

1. A discount of 1½% shall be applied to the above charges if a Customer's supply of electricity is metered at a primary potential.
2. A discount of 25¢ per billing period per kW of billing demand shall be applied to the above charges if a Customer supplies transformation from a primary potential to a secondary potential.
3. If a Customer is entitled to both of the above discounts, the discount for metering at a primary potential shall be applied first.

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Billing Codes:	Schedule 1200	applies if a Customer's supply of electricity is metered at a secondary potential and BC Hydro supplies transformation from a primary potential to a secondary potential.
	Schedule 1201	applies if a Customer's supply of electricity is metered at a primary potential and BC Hydro supplies transformation from a primary potential to a secondary potential.
	Schedule 1210	applies if a Customer's supply of electricity is metered at a secondary potential and the Customer supplies transformation from a primary potential to a secondary potential.
	Schedule 1211	applies if a Customer's supply of electricity is metered at a primary potential and the Customer supplies transformation from a primary potential to a secondary potential.

Billing Demand: The Billing Demand shall be the highest kW demand in the Billing Period.

Billing Period: "Billing Period" means a period of 27 to 33 consecutive days between regular meter readings, provided that in cases where meter readings are not available or are delayed for any reason BC Hydro may vary the number of days in the Billing Period.

Monthly Minimum Charge: 50% of the highest maximum demand charge billed in any billing period wholly within an on-peak period during the immediately preceding eleven billing periods. For the purpose of this provision an on-peak period commences on 1 November in any year and terminates on 31 March of the following year.

Special Condition:

1. A demand meter will normally be installed. Prior to the installation of such a meter, or if such a meter is not installed, the demand for billing purposes shall be the assessed demand estimated by BC Hydro.
2. Migration rule (between Exempt General Service and Small General Service): Customers taking service at Exempt General Service rates (Rate Schedules 1200, 1201, 1210 or 1211) will be moved to service at Small General Service rates (Rate Schedules 1300, 1301, 1310 or 1311) if the Customers' Billing Demand in each of the 12 most recent consecutive Billing Periods was less than 35 kW.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, ~~2015~~ 2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

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SCHEDULE 1205, 1206, 1207 – GENERAL SERVICE – DUAL FUEL (CLOSED)

Availability: For general space heating, water heating and industrial process heating upon an interruptible basis.

Electricity purchased under these rate schedules will be separately metered. Service is 60 hertz single or three phase at the secondary or primary potential available. BC Hydro reserves the right to determine the potential of the service connection.

This schedule is available only in Premises served under this schedule on 15 January 1990 and continuously thereafter, only with respect to equipment served under this schedule on 15 January 1990 and continuously thereafter, and only in Premises where there has been no change in Customer since April 1, 2008.

Applicable in: Rate Zone I in areas where, in BC Hydro's opinion, BC Hydro's transmission, sub-transmission and distribution circuit feeders are or will be capable of handling the added load.

Rate: Except as stated hereunder the rate shall be:

First 8000	kW.h per month @	~~5.22~~5.43 ¢ per kW.h
All additional	kW.h per month @	~~3.42~~3.56 ¢ per kW.h

Exception: If during a Period of Interruption a customer has failed to comply with BC Hydro's requirement to cease the use of electricity and BC Hydro, in its sole discretion, continues to supply electricity, the rate for such electricity shall be:

~~30.37~~31.58 ¢ per kW.h

Period of Interruption: A period during which a customer is required by BC Hydro to cease the use of electricity under these rate schedules.

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the Terms and Conditions of BC Hydro's Electric Tariff will result in the immediate disconnection of the service and all unauthorized consumption as estimated by BC Hydro shall be billed at the rate for electricity during a Period of Interruption as stated in these rate schedules.

9. In addition to and without restriction of any other limitations of liability of BC Hydro, BC Hydro shall specifically not be liable for any loss, damage, injury or expense occasioned to or suffered by any customer receiving service on these rate schedules, or by any other person, for or by reason of any interruption of electricity supply whatsoever for any reason whatsoever.

10. A customer who signs a contract with BC Hydro for the supply of electricity to new load under these rate schedules during the period commencing 1 July 1988 and ending 31 December 1988 shall be eligible to receive an incentive rebate on his electricity bills provided the customer begins taking service under these rate schedules no later than twelve months following the date the contract was signed.

11. A rebate shall be applied to reduce the effective rate to 1.1 ¢ per kW.h. Such rebate will apply only to an accumulated maximum of $30.00 per kW of connected new load in excess of 35 kW and only up to the first two years following connection. Bills for energy consumed shall be calculated and presented at full rates with the rebate for any given period applied to the following bill. The maximum two year period of billing rebates shall be extended by the equivalent of any Period of Interruption. Rebates shall not be applied to reduce the rate applicable for consumption during a Period of Interruption, nor shall rebates be applied to reduce power factor surcharges.

12. At the conclusion of any Period of Interruption, BC Hydro may terminate service under these rate schedules to any customer who used electricity during a Period of Interruption, unless it can be demonstrated to BC Hydro's satisfaction that adequate standby facilities exist.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, ~~2015~~ 2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

ORDER NO._____

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COMMISSION SECRETARY

SCHEDULE 1234 – SMALL GENERAL SERVICE (UNDER 35 KW) – ZONE II

Availability:	For all purposes where a demand meter is not installed because the Customer's demand as estimated by BC Hydro is less than 35 kW. Supply is 60 hertz, single or three phase at an available secondary potential.
Applicable in:	Rate Zone II.
Rate:	Basic Charge ~~22.57~~23.47 ¢ per day First 7000 kW.h per month @ ~~10.73~~11.16 ¢ per kW.h All additional kW.h per month @ ~~17.87~~18.58 ¢ per kW.h
Minimum Charge:	The Basic Charge.
Special Conditions for Unmetered Service:	Same as in Rate Schedules 1300, 1301, 1310 and 1311.
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, ~~2015~~ 2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1253 – DISTRIBUTION SERVICE – IPP STATION SERVICE

Availability:	For Customers who are Independent Power Producers (IPPs) served at distribution voltage, subject to the Special Conditions below.	
Applicable in:	Rate Zone I excluding Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.	
Rate:	Energy Charge:	The sum, over the Billing Period, of the hourly energy consumed multiplied by the entry in the ICE Mid Columbia (Mid-C) Peak, and Mid-C Off-Peak weighted average index price as published by ICE in the ICE Day Ahead Power Price Report that corresponds to the time when consumption occurred, during that hour.
Monthly Minimum Charge:	$~~41.37~~43.02	

Special Conditions:

1. BC Hydro agrees to provide Electricity under this Schedule to the extent that it has energy and capacity to do so.
2. BC Hydro may, without notice to the Customer, terminate the supply of Electricity under this Schedule if at any time BC Hydro does not have sufficient energy or capacity.
3. Prior to taking Electricity under this Schedule, the Customer may be required to obtain approval from BC Hydro. BC Hydro will advise the Customer of the need to obtain approval prior to the taking of energy under this Schedule.
4. Electricity taken under this Schedule is to be used solely for maintenance and black-start requirements and shall not displace Electricity that would normally be generated by the Customer.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, ~~2015~~2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1255, 1256, 1265, 1266 – GENERAL SERVICE (35 KW AND OVER) – ZONE II

Availability: For all purposes. Supply is 60 hertz, single or three phase at secondary or primary potential. BC Hydro reserves the right to determine the potential of the service connection.

Applicable in: Rate Zone II.

Rate: Basic Charge ~~22.57~~23.47 ¢ per day

First 200 kW.h per kW of demand per month	@ ~~10.73~~11.16 ¢ per kW.h
All additional kW.h per month	@ ~~17.87~~18.58 ¢ per kW.h.

Discounts

1. A discount of 1½% shall be applied to the above rate if a Customer's supply of electricity is metered at a primary potential.
2. A discount of 25¢ per month per kW of billing demand shall be applied to the above rate if a Customer supplies transformation from a primary to a secondary potential.
3. If a Customer is entitled to both of the above discounts the discount for metering at a primary potential shall be applied first.

Billing Codes:

Schedule 1255	applies if a Customer's supply of electricity is metered at a secondary potential and BC Hydro supplies transformation from a primary potential to a secondary potential.
Schedule 1256	applies if a Customer's supply of electricity is metered at a primary potential and BC Hydro supplies transformation from a primary potential to a secondary potential.
Schedule 1265	applies if a Customer's supply of electricity is metered at a secondary potential and the Customer supplies transformation from a primary potential to a secondary potential.
Schedule 1266	applies if a Customer's supply of electricity is metered at a primary potential and the Customer supplies transformation from a primary potential to a secondary potential.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

Monthly Minimum Charge:	The Monthly Minimum Charge paid by a Customer on Schedule 1255, or 1256, or 1265 or 1266 shall be the charge the Customer would have paid if he had been billed on Schedule 1200, or 1201, or 1210 or 1211 respectively.
Special Conditions:	1. A demand meter will normally be installed; prior to the installation of such a meter, or if such a meter is not installed, the demand for billing purposes shall be the assessed demand estimated by BC Hydro. 2. Where the Customer's demand is or is likely to be in excess of 45 kV.A, then BC Hydro may require that supply to such Customer be by special contract and that such supply be subject to such special conditions as BC Hydro, in its sole discretion, considers necessary to insert in the Customer's special contract.
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, ~~2015~~2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1268 – DISTRIBUTION SERVICE – IPP DISTRIBUTION TRANSPORTATION ACCESS

Availability:	For Customers who have generators connected to BC Hydro's distribution system and want access to BC Hydro's transmission system, the Wholesale Transmission Service Tariff (WTS), and Electric Tariff Supplement No. 30, subject to the Special Conditions below.
Applicable in:	Rate Zone I excluding Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.
Rate:	Distribution Transportation Charge: ~~0.166~~0.173 ¢ per kW.h

Special Conditions:

1. The Customer is required to pay the costs, including the cost of altering existing facilities, to connect the generator to B.C Hydro's distribution system in accordance with BC Hydro's Connection Requirements for Utility or Non-Utility Generation, 35 kV and Below.

2. For Customers with self-generation (i.e., with a Customer Baseline Load ("CBL") greater than zero), this Schedule is only applicable to sales of Surplus Energy. It may not be used by self-generating Customers who appear to have varied their demand for power from BC Hydro based on the actual or anticipated difference between BC Hydro's rate for providing service to them and the market price of power. For the purposes of this Schedule, "Surplus Energy" in any period is the energy made available from generation by the Customer calculated as the difference between the Customer's CBL and the Customer's actual consumption from BC Hydro in that period. The Customer's CBL is established, in general, by determining the Customer's electric energy consumption, on a monthly basis, for the past three years; in cases where inadequate history exists, alternative methods may be used to determine a Customer's CBL. Once established, the Customer's CBL will not be automatically adjusted for changes in the Customer's net metered consumption from BC Hydro. Any subsequent changes to the CBL must be due to changes in the Customer's load and not due to changes in its generation. The Customer must provide metered output from its generator which demonstrates an increase in generation output commensurate in time and amount with the Surplus Energy transported using this Schedule. Where it appears that the Customer has transported on this Schedule energy that is not Surplus Energy, BC Hydro will provide replacement energy to the Customer's load at market prices, subject to Commission approval for such sales.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

3. The metering point to determine the electricity being delivered to BC Hydro's distribution system will be determined by BC Hydro. The electricity delivered to BC Hydro's distribution system will also be deemed to be delivered to BC Hydro's transmission system (that is, no distribution loss adjustment will be applied to the electricity from an IPP or self-generator when determining capacity and energy delivered to BC Hydro's transmission system).

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, ~~2015~~2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

ORDER NO._____

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COMMISSION SECRETARY

SCHEDULE 1278 – POWER SERVICE (CLOSED)

Availability:	For power service when the demand is not less than 2000 kV.A for use in any one or more of electric steel making and the electric heating or melting of metals or other materials when such heating or melting is part of a continuous production process. This schedule is available only to a Customer served under this schedule on 1 April 1970 and continuously thereafter. Capacity in excess of that set out in a Customer's contract with BC Hydro, in effect on 1 April 1970, may be supplied at the sole discretion of BC Hydro. Service is three phase, 60 hertz at a nominal potential of 12,500 volts or higher as available
Applicable in:	Those parts of the Lower Mainland served by B.C. Electric Company Ltd. on 29 March 1962.
Rate:	$~~2.678~~2.785 per kV.A by which the maximum demand per month exceeds the capacity which BC Hydro had agreed to supply under this rate schedule on 1 April 1970; plus ~~7.000~~7.280 ¢ per kW.h per month.
Monthly Minimum Charge:	The greater of: (i) $~~5.23~~5.44 per kV.A of maximum demand, or (ii) $~~10,460.76~~10,879.19
Special Condition:	A Customer taking electricity on this schedule for the operation of an electric arc furnace shall, as a condition of service, install such inductive reactance as BC Hydro may specify. A Customer who has installed reactance as specified shall not then be required to correct for lagging power factor occasioned by the operation of the said arc furnace.
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, ~~2015~~2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

ORDER NO._____ _____
COMMISSION SECRETARY

SCHEDULE 1280 – SHORE POWER SERVICE (DISTRIBUTION)

Availability

For the supply of Shore Power to Port Customers who qualify for General Service for use by Eligible Vessels while docked at the Port Customer's Port Facility.

Shore Power Service is supplied at 60 Hz, three phase at primary potential.

Applicable in: Rate Zone 1

Rate:

Administrative Charge: $150.00 per month

Plus

Energy Charge: ~~8.796~~9.227 ¢ per kW.h

Special Conditions:

1 BC Hydro agrees to provide Electricity under this Rate Schedule to the extent that it has energy and capacity to do so. BC Hydro may refuse or terminate service under this Rate Schedule in circumstances where BC Hydro does not have sufficient energy or capacity. For greater certainty, BC Hydro shall not be required to construct an Extension for the purpose of increasing the capacity of BC Hydro's distribution system to provide Shore Power Service under this Rate Schedule.

2 The terms and conditions under which Shore Power Service is supplied are contained in the Shore Power Service Agreement (Electric Tariff Supplement No. 86). The Port Customer shall pay to BC Hydro the charges set out in this Rate Schedule in addition to any charges set out in the Shore Power Service Agreement.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1300, 1301, 1310, 1311 SMALL GENERAL SERVICE (UNDER 35 KW)

Availability: For Customers who qualify for General Service and whose billing demand, metered or estimated by BC Hydro, as applicable, is less than 35 kW.

Supply is 60 hertz, single or three phase at a secondary or primary potential.

Applicable in: Rate Zone I and Rate Zone IB.

Rate:

Basic Charge

~~22.57~~23.47 ¢ per day

Energy Charge

All kW.h at ~~10.73~~11.16 ¢ per kW.h

Discounts

1. A discount of 1½% shall be applied to the above charges if a Customer's supply of electricity is metered at a primary potential.
2. A discount of 25¢ per month per kW of maximum demand shall be applied if a Customer supplies transformation from a primary potential to a secondary potential. BC Hydro will install a demand meter in addition to a kilowatt hour meter.
3. If a Customer is entitled to both of the above discounts, the discount for metering at a primary potential shall be applied first.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

BC Hydro
Rate Schedules
Effective: April 1, ~~2015~~ 2016
~~Seventh~~ Eighth Revision of Page 34-5

Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, ~~2015~~2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1500, 1501, 1510, 1511 – MEDIUM GENERAL SERVICE (35 KW OR GREATER AND LESS THAN 150 KW)

Availability: For Customers who qualify for General Service and whose Billing Demand (determined under the Special Conditions below) is equal to or greater than 35 kW but less than 150 kW, or whose energy consumption in any 12-month period is equal to or less than 550,000 kW.h. Supply is 60 hertz, single or three phase at secondary or primary potential. BC Hydro reserves the right to determine the potential of the service connection.

Applicable in: Rate Zone I.

Charges:

Basic Charge

~~22.57~~23.47 ¢ per day

Demand Charge

First 35 kW of Billing Demand per Billing Period	@ $0.00 per kW
Next 115 kW of Billing Demand per Billing Period	@ $~~5.50~~5.72 per kW
All additional kW of Billing Demand per Billing Period	@ $~~10.55~~10.97 per kW

Energy Charge

1. Energy Charge – Customers who have not yet been transferred to the rate under Part 2

   Energy Charges will be determined under this part for Customers who have not yet been transferred to service at the rate under Part 2.

   First 14,800 kW.h of energy consumption in the Billing Period @ Tier 1 rate of ~~9.89~~10.30 ¢ per kW.h.

   All additional kW.h of energy consumption in the Billing Period @ Tier 2 rate of ~~6.90~~7.19 ¢ per kW.h.

ACCEPTED: _____

ORDER NO. _____

_____
COMMISSION SECRETARY

2. Energy Charge – Customers who have been transferred to the rate under this part (see Special Condition 5 below).

   Except for Customers being billed under "2.1 Energy Charge – Customers without HBLs", BC Hydro will determine monthly Historical Baselines ("HBLs") and related Billing Baselines ("BBLs") for use in calculating the Energy Charge payable by a Customer in a Billing Period.

   2.1 Energy Charge - Customers without HBLs

   Energy Charges will be determined under this part for Customers who do not have HBLs determined by BC Hydro under the Special Conditions below. The Energy Charges under this part will apply until HBLs can be determined by BC Hydro under the Special Conditions below.

   Energy Charge:

   First 14,800 kW.h of energy consumption in the Billing Period @ Tier 1 rate of ~~9.89~~10.30 ¢ per kW.h.

   All additional kW.h of energy consumption in the Billing Period @ Tier 2 rate of ~~6.90~~7.19 ¢ per kW.h.

   2.2 Energy Charge - Customers with HBLs

   Energy Charges will be determined under this part for:

   1. Customers who have been transferred to service at the rate under this part 2 for whom HBLs were determined by BC Hydro in accordance with the Special Conditions below, and
   2. Customers who have been transferred to service at the rate under this part 2 for whom HBLs were determined by BC Hydro in accordance with the Special Conditions below after completion of 12 consecutive months of service under this rate schedule.

The Energy Charge is the Part 1 Energy Charge plus any additional charges or minus any credits determined under the Part 2 Energy Charge/Credit below.

Part 1 Energy Charge

The following rates are applied to the Customer's BBL for the Billing Period:

If the BBL is greater than 14,800 kW.h:

[BBL minus 14,800] kW.h of the BBL for the Billing period @ Tier 2 rate of ~~6.90~~7.19 ¢ per kW.h.

Last 14,800 kW.h of the BBL for the Billing period @ Tier 1 rate of ~~9.89~~10.30 ¢ per kW.h.

If the BBL is less than or equal to 14,800 kW.h:

BBL for the Billing Period @ Tier 1 rate of ~~9.89~~10.30 ¢ per kW.h

Part 2 Energy Charge/Credit

The determination of the Part 2 Energy Charge/Credit depends on whether energy consumption in the Billing Period is greater or less than the Customer's BBL for the Billing Period. If energy consumption in the billing period is equal to the BBL there is no Part 2 Energy Charge/Credit.

Consumption greater than BBL

For purposes of the following calculations, the difference between the BBL and the energy consumption for the Billing Period is defined as the "Consumption Greater Than Baseline".

Charge is based on the following three steps:

1. The marginal cost based energy rate of ~~9.90~~10.09 ¢ per kW.h is applied to the Consumption Greater Than Baseline subject to a maximum of 20% of the BBL.
2. Tier 1 rate of ~~9.89~~10.30 ¢ per kW.h is applied to the lesser of:
   (a) the remaining portion of the Consumption Greater Than Baseline (if any) following step 1 above, and
   (b) that portion of the Consumption Greater than Baseline which is equal to 14,800 kW.h minus 120% of the BBL (but if 14,800 kW.h minus 120% of the BBL would produce a negative number, the result shall be deemed to be zero).
3. Tier 2 rate of ~~6.90~~7.19 ¢ per kW.h is applied to the remaining portion of the Consumption Greater Than Baseline (if any) following steps 1 and 2 above.

Consumption less than BBL

For purposes of the following calculations, the difference between the BBL and the energy consumption for the Billing Period is defined as the "Consumption Less Than Baseline".

Credit is based on the following three steps:

1. The marginal cost based energy rate of ~~9.90~~10.09 ¢ per kW.h is applied to the Consumption Less Than Baseline subject to a maximum of 20% of the BBL.
2. Tier 1 rate of ~~9.89~~10.30 ¢ per kW.h is applied to the lesser of:
   (a) the remaining portion of the Consumption Less Than Baseline (if any) following step 1 above, and
   (b) that portion of the Consumption Less Than Baseline which is equal to 14,800 kW.h minus 20% of the BBL (but if 14,800 kW.h minus 20% of the BBL would produce a negative number, the result shall be deemed to be zero).
3. Tier 2 rate of ~~6.90~~7.19 ¢ per kW.h is applied to the remaining portion of the Consumption Less Than Baseline (if any) following steps 1 and 2 above.

Minimum Energy Charge (Applicable to Energy Charge 2.2)

The Minimum Energy Charge is the minimum energy rate of ~~3.30~~3.43 cents per kW.h multiplied by the total energy consumption in the Billing Period. The Minimum Energy Charge applies only when the average energy rate in a Billing Period (the Energy Charge 2.2 divided by total energy consumption in the Billing Period) is less than the minimum energy rate.

Discounts

1. A discount of 1½% shall be applied to the above charges if a Customer's supply of electricity is metered at a primary potential.
2. A discount of 25¢ per billing period per kW of billing demand shall be applied to the above charges if a Customer supplies transformation from a primary potential to a secondary potential.
3. If a Customer is entitled to both of the above discounts, the discount for metering at a primary potential shall be applied first.

Billing Codes: Schedule 1500 applies if a Customer's supply of electricity is metered at a secondary potential and BC Hydro supplies transformation from a primary potential to a secondary potential.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

5. Transfer to the rate under Part 2

   Energy Charges under Part 2 will be applied progressively to groups of Customers according to their kW Billing Demand, as follows:

   a. Commencing on April 1, 2012, Customers whose Billing Demand is equal to or greater than 85 kW and less than 150 kW at least once in the twelve month period ending September 30 in the previous year.

   b. Commencing on April 1, 2013, all remaining Medium General Service Customers.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, ~~2015~~2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1600, 1601, 1610, 1611 – LARGE GENERAL SERVICE (150 KW AND OVER)

Availability: For Customers who qualify for General Service and whose Billing Demand (determined under the Special Conditions below) is equal to or greater than 150 kW, or whose energy consumption in any 12 month period is greater than 550,000 kW.h. Supply is 60 hertz, single or three phase at secondary or primary potential. BC Hydro reserves the right to determine the potential of the service connection.

Applicable in: Rate Zone I.

Charges:

Basic Charge

~~22.57~~23.47 ¢ per day

Demand Charge

First 35 kW of Billing Demand per Billing Period	@ $0.00 per kW
Next 115 kW of Billing Demand per Billing Period	@ $~~5.50~~5.72 per kW
All additional kW of Billing Demand per Billing Period	@ $~~10.55~~10.97 per kW

Energy Charge

Except for Customers being billed under "1. Energy Charge – Customers without HBLs", BC Hydro will determine monthly Historical Baselines ("HBLs") and related Billing Baselines ("BBLs") for use in calculating the Energy Charge payable by a Customer in a Billing Period.

1. Energy Charge – Customers without HBLs

   Energy Charges will be determined under this part for Customers for whom no HBLs were determined by BC Hydro under the Special Conditions below at the time they commenced taking service under this rate schedule. The Energy Charges under this part will apply until they have taken service for a period of 12 consecutive months.

   Energy Charge:

   First 14,800 kW.h of energy consumption in the Billing Period @ Tier 1 rate of ~~10.66~~11.14 ¢ per kW.h.

   All additional kW.h of energy consumption in the Billing period @ Tier 2 rate of ~~5.13~~5.36 ¢ per kW.h.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

2. Energy Charge – Customers with HBLs

Energy Charges will be determined under this part for:

1. Customers for whom HBLs were determined by BC Hydro in accordance with the Special Conditions below at the time they commenced taking service under this rate schedule, and
2. Customers for whom HBLs were determined by BC Hydro in accordance with the Special Conditions below after completion of 12 consecutive months of service under this rate schedule.

The Energy Charge is the Part 1 Energy Charge plus any additional charges or minus any credits determined under the Part 2 Energy Charge/Credit below.

Part 1 Energy Charge

The following rates are applied to the Customer's BBL for the Billing Period:

First 14,800 kW.h of the BBL for the Billing Period @ the Tier 1 rate of ~~10.66~~11.14 ¢ per kW.h.

Additional kW.h of BBL for the Billing Period @ the Tier 2 rate of ~~5.13~~5.36 ¢ per kW.h.

Part 2 Energy Charge/Credit

The determination of the Part 2 Energy Charge/Credit depends on whether energy consumption in the Billing Period is greater or less than the Customer's BBL for the Billing Period.

Consumption greater than BBL

For purposes of the following calculations, the difference between the BBL and the energy consumption for the Billing Period is defined as the "Consumption Greater Than Baseline".

Charge is based on the following three steps:

1. The marginal cost based energy rate of ~~9.90~~10.09 ¢ per kW.h is applied to Consumption Greater Than Baseline subject to a maximum of 20% of the BBL.

2. Tier 1 rate of ~~10.66~~11.14 ¢ per kW.h is applied to the lesser of:

   (a) the remaining portion of the Consumption Greater Than Baseline (if any) following step 1 above, and

   (b) that portion of the Consumption Greater Than Baseline which is equal to 14,800 kW.h minus 120% of the BBL (but if 14,800 kW.h minus 120% of the BBL would produce a negative number, the result shall be deemed to be zero).

3. Tier 2 rate of ~~5.13~~5.36 ¢ per kW.h is applied to the remaining portion of the Consumption Greater Than Baseline (if any) following steps 1 and 2 above.

Consumption less than BBL

For purposes of the following calculations, the difference between the BBL and the energy consumption for the Billing Period is defined as the "Consumption Less Than Baseline".

Credit is based on the following three steps:

1. The marginal cost based energy rate of ~~9.90~~10.09 ¢ per kW.h is applied to the Consumption Less Than Baseline subject to a maximum of 20% of the BBL.

2. Tier 2 rate of ~~5.13~~5.36 ¢ per kW.h is applied to the lesser of:

   (a) the remaining portion of the Consumption Less Than Baseline (if any) following step 1 above, and

   (b) that portion of the Consumption Less Than Baseline which is equal to 80% of the BBL minus 14,800 kW.h (but if 80% of the BBL minus 14,800 kW.h would produce a negative number, the result shall be deemed to be zero).

3. Tier 1 rate of ~~10.66~~11.14 ¢ per kW.h is applied to the remaining portion of the Consumption Less Than Baseline (if any) following steps 1 and 2 above.

Minimum Energy Charge (Applicable to Energy Charge 2.):

The Minimum Energy Charge is the minimum energy rate of ~~3.30~~3.43 cents per kW.h multiplied by the total energy consumption in the Billing Period. The Minimum Energy Charge applies only when the average energy rate in a Billing Period (the Energy Charge 2. divided by total energy consumption in the Billing Period) is less than the minimum energy rate.

4. Migration Rule

4.1 Customers taking service at Medium General Service rates (rate schedules 1500, 1501, 1510 or 1511) will be moved to service at Large General Service rates (rate schedules 1600, 1601, 1610 or 1611) if the Customers' Billing Demand in any 6 of the most recent 12 Billing Periods was equal to or greater than 150 kW, or if the Customers' energy consumption was in excess of 550,000 kW.h in any 12 consecutive month period.

4.2 Customers taking service at Large General Service rates (rate schedules 1600, 1601, 1610 or 1611) will be moved to service at Medium General Service rates (rate schedules 1500, 1501, 1510 or 1511) if the Customers' Billing Demand in each of the 12 most recent consecutive Billing Periods was less than 100 kW and energy consumption in the 12 month period which corresponds to those Billing Periods was less than 400,000 kW.h.

5. Application for Prospective Growth

The rates prescribed in this schedule, in regard to a specific customer, are subject to Electric Tariff Supplement No. 82 – Rules for LGS Prospective Growth Applications.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, ~~2015~~ 2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1401 – IRRIGATION

Availability:	For motor loads of 746 watts or more used for irrigation and outdoor sprinkling where electricity will be used principally during the Irrigation Season as defined below. Supply is 60 hertz, single or three phase at the secondary or primary potential available. BC Hydro reserves the right to determine the potential of the service connection.
Applicable in:	Rate Zone I and Rate Zone IB.
Rate:	During the Irrigation Season ~~5.16~~5.37 ¢ per kW.h. During the Non-Irrigation Season First 150 kW.h @ ~~5.16~~5.37 ¢ per kW.h All additional kW.h @ ~~40.96~~42.60 ¢ per kW.h.
Minimum Charge:	During the Irrigation Season $~~5.16~~5.37 per kilowatt of connected load per month for a period of eight months commencing in March in any year whether consumption is registered or not. During the Non-Irrigation Season (i) Where the consumption is 500 kW.h or less, Nil. (ii) Where the consumption is more than 500 kW.h, $~~41.32~~42.97 per kilowatt of connected load.
Discount for Ownership of Transformers:	A discount of 25¢ per month per kW of connected load shall be applied to the above rate if a Customer supplies the transformation from a primary potential to a secondary potential. The Billing Code for Schedule 1401 Customers eligible for the Discount for Ownership of Transformers shall be Schedule 1402.
Irrigation Season:	In respect of each service - the period commencing with a meter reading on or about 1 March in any year, with a mid-season meter reading on or about 31 July, and ending with a meter reading on or about 31 October in that same year. BC Hydro may, in its discretion extend the aforesaid period by postponing the termination date to any date not later than 30 November, for the sole purpose of permitting a Customer to fill reservoirs necessary for the operation of the irrigation or sprinkling system.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

Non-Irrigation Season:	The period commencing at the end of one Irrigation Season and terminating at the beginning of the next Irrigation Season.
Special Conditions:	1. No equipment which has been served with electricity under this rate schedule shall be served with electricity under any other rate schedule while the Customer's agreement for service under this rate schedule is in force. 2. Normally the service will be energized during the Non-Irrigation Season, but will be disconnected if a Customer so requests. 3. The Minimum Charge during the Irrigation Season shall commence in March for an account which has not been terminated by the Customer, whether or not the service is energized and will be billed in two installments, at the end of July and at the end of October.
Billing:	1. For the Irrigation Season, a bill will be rendered following the July and October meter readings. The first bill will be the greater of the energy charge or the Minimum Charge for the period 1 March to 31 July. The second bill will be the greater of the energy charge for the season or the Minimum Charge for the season, less payment received for the first billing charges. 2. For the Non-Irrigation Season a bill will be rendered following the March meter reading provided that there is registered consumption.
Note:	If a motor is rated in horsepower, the conversion factor from horsepower to kilowatts shall be: 1 horsepower = 0.746 kilowatts
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, ~~2015~~2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.004~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1701 – OVERHEAD STREET LIGHTING

Availability: For lighting of public highways, streets and lanes in cases where the BC Hydro owns, installs and maintains the fixtures, conductors, controls and poles.

Applicable in: Any area served by suitable overhead distribution lines.

Rate: Per fixture per month as hereunder:

100 watt H.P. Sodium Vapour Unit	$~~16.55~~17.21
150 watt H.P. Sodium Vapour Unit	$~~19.73~~20.52
200 watt H.P. Sodium Vapour Unit	$~~22.78~~23.69
*175 watt Mercury Vapour Unit	$~~18.18~~18.91
*250 watt Mercury Vapour Unit	$~~20.95~~21.79
*400 watt Mercury Vapour Unit	$~~27.01~~28.09

Wattages are lamp watts.

* Note Special Condition No. 2.

Special Terms and Conditions:

1. Connection Charge

   No charge will be made for Service Connections.

2. Mercury Vapour

   Mercury vapour fixtures are no longer available for new installations.

3. Extension Policy

   BC Hydro will construct a distribution extension if required by the applicant in accordance with the Terms and Conditions of the Electric Tariff as applicable.

   When, at the Customer's request, a new fixture replaces an existing fixture, the Customer shall pay to BC Hydro the original cost of the existing fixture, less any accumulated depreciation, and the cost of removing the existing fixture.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

4. Relocation and Redirection of Fixtures

   The Customer shall pay the full cost of relocating or redirecting fixtures when the change is made at the request of the Customer.

5. Design

   BC Hydro will design the installation of overhead street lighting fixtures.

6. Lamps Failing to Operate

   BC Hydro will, without charge, replace lamps or components which fail to operate, unless breakage is the reason for such failure in which case the Customer shall be charged the cost of the material required to make the fixture operate.

7. Contract Period

   The term of the initial contract shall be not more than five years, renewal periods shall be for five years.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, ~~2015~~2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1702 – PUBLIC AREA ORNAMENTAL STREET LIGHTING

Availability: For lighting of public highways, streets and lanes and municipal pathways and for public area seasonal lighting displays, in those cases where the Customer owns, installs and maintains the standards, fixtures, conductors and controls.

Applicable in: All Rate Zones.

Rate:

For each unmetered fixture:	~~3.18~~3.31¢ per watt per month.
For each metered fixture:	~~9.55~~9.93¢ per kWh

For fixtures without dimming controls the number of watts per fixture include the wattage of the lamp and, where applicable, the ballast.

For fixtures with dimming controls the number of watts per fixture includes the wattage of the lamp and, where applicable, the wattage of the ballast multiplied by the ratio of Billable Wattage After Dimming to Billable Wattage Before Dimming.

The Billable Wattage is the sum of all wattage, on all fixtures, used by a customer. It depends both on the number of fixtures in use and the actual output wattages (bulb plus ballast) of each light. For a customer that has implemented dimming technology, the Billable Wattage will reflect the lower output wattages that result from dimming.

Special Terms and Conditions:

1. Service Connection

   Where necessary BC Hydro will provide an overhead or underground Service Connection in accordance with the Terms and Conditions of the Electric Tariff. No Service Connection shall be made to add any ornamental street lighting system which does not provide for eight or more street lighting fixtures except that, if the potential is 120/240 volts then, at B.C Hydro's discretion, a Service Connection may be made for a system of less than eight.

   Receptacle loads will be permitted for service under this rate schedule provided that such receptacles are used predominantly for seasonal lighting displays, meaning that no more than 10% of the usage may be for other purposes.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

6. Unmetered Service

(a) BC Hydro may permit unmetered service under this rate schedule if it can estimate to its satisfaction the energy used in kilowatt hours over a period of one month based on the connected load and hours of use.

(b) The Customer shall notify BC Hydro immediately of any proposed or actual change in load, or load characteristics, or hours of use.

(c) BC Hydro, in its discretion, may at any time install a meter or meters and thereafter bill the Customer on the consumption registered.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, ~~2015~~2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1703 – STREET LIGHTING SERVICE

Availability: For lighting of public highways, streets and lanes in those cases where the Customer owns, installs and maintains the fixtures, conductors and controls on poles of BC Hydro. Available only to Customers formerly taking service on Rate Schedules 1755, 1756, 1757, 1758, 1759 or 1767, to the City of New Westminster in respect of a portion of D.L. 172, to the Municipality of Sparwood and to the City of Vancouver.

Applicable in: The Cities of Victoria and Prince Rupert, the Municipalities of Oak Bay, Esquimalt, Saanich and Central Saanich, the Village of Sidney, the unorganized areas of Port Renfrew and Shawnigan Lake, a portion of D.L. 172 in the City of New Westminster, Natal and the City of Vancouver.

Rate: The rate shall consist of two components:

(a) An energy charge of ~~3.18~~3.31 ¢ per watt per month,

plus

(b) A contact charge of ~~96.00~~99.84 ¢ per contact per month.

With respect to the Energy Charge - the number of watts per fixture include the wattage of the lamp and where applicable the ballast.

With respect to the Contact Charge - this is a charge per fixture for the use of pole space.

For fixtures without dimming controls the Billable Wattage is equal to the number of watts per fixture including the wattage of the lamp and, where applicable, the ballast.

For fixtures with dimming controls the number of watts per fixture includes the wattage of the lamp and, where applicable, the wattage of the ballast multiplied by the ratio of Billable Wattage After Dimming to Billable Wattage Before Dimming.

The Billable Wattage is the sum of all wattage, on all fixtures, used by a customer. It depends both on the number of fixtures in use and the actual output wattages (bulb plus ballast) of each light. For a customer that has implemented dimming technology, the Billable Wattage will reflect the lower output wattages that result from dimming.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

Special Terms and Conditions:

1. Extension Policy

   No extensions will be made to serve street lights under this schedule.

2. Power Factor

   All installations of mercury vapour, sodium vapour or fluorescent lamps shall be equipped with the necessary auxiliaries to assure that a power factor of not less than 90% lagging shall be maintained.

3. Contract Period

   The term of the initial contract shall be not more than five years; renewal periods shall be for five years.

4. Fixtures with Automated Dimming Controls

The following special terms and conditions apply to lighting fixtures fitted with dimming controls:

a. For purposes of this part "dimming controls" means control units or fittings attached to or forming part of a street lighting fixture capable of being programmed or remotely operated so as to reduce the lumens output of the lamps during specified hours each day while the lamps are in operation. The reductions may vary according to the hours of the day, the days of the week, and the seasons of the year.

b. A Customer wishing to have fixtures with dimming controls separately rated under this rate schedule must submit a Dimming Schedule satisfactory to BC Hydro listing each light fixture fitted with dimming controls, the wattage of the fixture (including the lamp and, where applicable, the ballast), the dimming control setting or settings and the hours each day that the dimming control setting or settings will be in operation.

   Whenever the Customer wishes to make changes in the lighting fixtures listed in the Dimming Schedule or in the dimming control settings or hours of operation, the Customer shall submit an updated Lighting Fixture Schedule to BC Hydro listing any changes. Changes will be permitted on a semi-annual basis (twice per year).

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, ~~2015~~2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1704 – TRAFFIC CONTROL EQUIPMENT

Availability:	For traffic signals, traffic signs and traffic warning devices, and other equipment for controlling or directing vehicular or pedestrian traffic on public highways. For cases where the Customer installs, owns and maintains the standards, fixtures, wiring, controls and associated equipment.
Applicable in:	All Rate Zones.
Rate:	~~9.55~~9.93¢ per kW.h.
Special Terms and Conditions:	1. Service Connections Where necessary BC Hydro will provide an overhead or underground Service Connection in accordance with the Terms and Conditions of the Electric Tariff as applicable to "Service Connections". 2. Unmetered Service (a) BC Hydro may permit unmetered service under this rate schedule if it can estimate to its satisfaction the energy used in kilowatt hours over a period of one month based on the connected load and hours of use. (b) The Customer shall notify BC Hydro immediately of any proposed or actual change in load, or load characteristics, or hours of use. (c) BC Hydro, in its discretion, may at any time install a meter or meters and thereafter bill the Customer on the consumption registered. 3. Contract Period The term of the initial contract shall not be more than five years; renewal periods shall be for five years.
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, ~~2015~~2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1755 – PRIVATE OUTDOOR LIGHTING (CLOSED)

Availability: For outdoor lighting service to illuminate property other than public streets or lanes, herein referred to as private property, where service is provided from dusk to dawn and the supply is single phase, 60 hertz at the secondary potential available.

This schedule is available only in Premises served under this schedule on 1 January 1975 and only with respect to lights served under this rate schedule on 1 January 1975 and continuously thereafter, except BC Hydro may replace a Mercury Vapour Unit with a High Pressure Sodium Unit having approximately the same equivalent light output.

Applicable in: All Rate Zones.

Rate: Per fixture per month as hereunder:

1. Where a light is mounted on a pole which was installed by the Customer or by BC Hydro at the Customer's expense:

175 watt Mercury Vapour Unit or replacement 100 watt H.P. Sodium Vapour Unit	$~~15.51~~16.13
400 watt Mercury Vapour Unit or replacement 150 watt H.P. Sodium Vapour Unit	$~~26.73~~27.80

2. Where a light is mounted on a pole which is on public property, or an easement, and is part of BC Hydro's distribution system:

175 watt Mercury Vapour Unit or replacement 100 watt H.P. Sodium Vapour Unit	$~~16.47~~17.13
400 watt Mercury Vapour Unit or replacement 150 watt H.P. Sodium Vapour Unit	$~~27.70~~28.81

3. Where a light is mounted on a pole which was installed on the Customer's property by BC Hydro, at its expense, solely for the purpose of supporting the light:

175 watt Mercury Vapour Unit or replacement 100 watt H.P. Sodium Vapour Unit	$~~20.28~~21.09
400 watt Mercury Vapour Unit or replacement 150 watt H.P. Sodium Vapour Unit	$~~31.92~~33.20

except that if two or more lights are mounted at one time on the same pole the rates for the additional light or lights shall be as set out under Item 1 above.

Special Conditions:

1. BC Hydro shall provide and install:
   (a) an outdoor light consisting of luminaire, mast arm, ballast, lamp and photo-electric control, and
   (b) not more than one span of overhead secondary conductors per light.
2. The Customer will be required to contribute the estimated cost of any plant required to make secondary potential available at a point not more than one span from the light; such contribution is not subject to refund.
3. BC Hydro reserves the sole right to determine whether or not a light shall be installed on a pole which is part of BC Hydro's distribution system.
4. The prior approval of BC Hydro is required if a Customer intends to install his own poles, and such poles shall be maintained to BC Hydro's satisfaction at the Customer's expense.
5. BC Hydro will maintain all equipment owned by BC Hydro and will replace lamps which have failed. Any breakage will be repaired by BC Hydro at the Customer's expense.
6. The initial contract period shall be three years and thereafter service shall be provided from month to month.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, ~~2015~~2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1823 – TRANSMISSION SERVICE – STEPPED RATE

Availability: For all purposes. Supply is at 60,000 volts or higher. Customers being supplied with electricity under Schedule 1825 (Transmission Service Time-of-use) may only revert to service under this Schedule as permitted under Schedule 1825.

Applicable in: Rate Zone 1 excluding the Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.

Rate: Demand Charge: $~~7.341~~7.635 per kV.A of Billing Demand per Billing Period.

Plus

Energy Charge:

A. For new Customers and Customers that do not have a CBL by Order of the British Columbia Utilities Commission:

~~4.303~~4.475 ¢ per kW.h for all kW.h per Billing Period

This rate will apply until the Customer has been supplied with Electricity under this Schedule for 12 Billing Periods or other period with the approval of the British Columbia Utilities Commission, after which the Customer will be supplied with Electricity at the Rate specified in Part B below.

B. For Customers with a CBL:

~~3.836~~3.981 ¢ per kW.h applied to all kW.h up to and including 90% of the Customer's CBL in each Billing Year.

~~8.503~~8.920¢ per kW.h applied to all kW.h above 90% of the Customer's CBL in each Billing Year.

Note: Customers previously supplied with electricity under Schedule 1825 will be subject to the rates in Part B above from the time the Customer commences taking service under this Schedule.

Billing Year: The Billing Year is the 12 billing month period starting with the first day of the Billing Period which commences nearest to April 1st in each year, and ending on the last day of the 12th Billing Period thereafter.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

Billing Demand:	The Demand for billing purposes shall be: 1. the highest kV.A Demand during the High Load Hours (HLH) in the Billing Period; or 2. 75% of the highest Billing Demand for the Customer's Plant in the immediately preceding period of November to February, both months included; or 3. 50% of the Contract Demand stated in the Electricity Supply Agreement for the Customer's Plant, whichever is the highest value, provided that for new Customers the Billing Demand for the initial 2 Billing Periods shall be the average of the daily highest kV.A Demands for the Customer's Plant. The HLH period is defined as the hours from 06:00 to 22:00 Monday to Saturday, except for Statutory Holidays. The LLH period is defined as all other hours. Statutory Holidays for the purpose of this Schedule are New Year's Day, Family Day, Good Friday, Victoria Day, Canada Day, B.C. Day, Labour Day, Thanksgiving Day, Remembrance Day and Christmas Day.
Monthly Minimum Charge:	$~~7.341~~7.635 per kV.A of Billing Demand
Customer Baseline Load:	The Customer Baseline Load (CBL) is the Customer's historic annual energy consumption in kW.h as approved by the British Columbia Utilities Commission. The Customer's CBL will initially be determined by BC Hydro, and be subject to revision from time to time, in accordance with the criteria and procedures set forth in BC Hydro's "Customer Baseline Load (CBL) Determination Guidelines". All CBLs will be subject to final approval of the British Columbia Utilities Commission.
Aggregation of Customer Baseline Load:	A Customer having two or more operating plants may elect to have a single aggregated CBL determined for all or any combination of its operating plants in accordance with the CBL Determination Guidelines. Thereafter, BC Hydro will issue a single bill for all operating plants included in the aggregation, and the energy charge payable will be determined on the basis of the aggregated CBL. However, the Demand Charge will continue to be determined separately for each operating plant.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

Special Conditions:

The following Special Conditions are applicable to this Schedule:

1. If any initial, revised, or aggregate CBL for a Customer has not been determined by BC Hydro and approved by British Columbia Utilities Commission by the time the CBL would become effective, BC Hydro may determine the CBL on an interim basis, and apply the CBL so determined for purposes of any Billing Periods and bills rendered to the Customer until such time as the CBL has been finally determined and approved by the British Columbia Utilities Commission, whereupon BC Hydro will make any necessary billing adjustments.
2. If a Customer taking service at the rates in Part B of the Energy Charge rate section above terminates service under this Schedule prior to the end of a Billing Year, the Customer's CBL or aggregate CBL will be prorated for the portion of the Billing Year during which the Customer was taking service, and the prorated CBL or aggregate CBL will be used for purposes of applying the rates in Part B to all electricity consumption during the Billing Year up to the time of termination. BC Hydro will make any necessary billing adjustments and bill the Customer for the difference (if any) owing.

Taxes: The rates and minimum charge contained herein are exclusive of the Goods and Services tax and Social Services tax.

Note: The terms and conditions under which transmission service is supplied are contained in Electric Tariff Supplements 5 and 6.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, ~~2015~~2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1825 – TRANSMISSION SERVICE – TIME-OF-USE (TOU) RATE

Availability: For Customers who provide notice by February 15th of each year and who at the time of application are eligible to take service under Schedule 1823 (Stepped Rate) at the energy charge rates set out in Part B of the Rate section of that Schedule, and who have entered into a TOU (Transmission Service) Agreement by March 15th of that year. Customers will start service under Schedule 1825 as of the Billing Period that starts closest to April 1st.

Applicable in: Rate Zone 1 excluding the Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.

Rate: Demand Charge: $~~7.341~~7.635 per kV.A of Billing Demand per Billing Period

Billing Demand: The Demand for billing purposes shall be:

1. the highest kV.A Demand during the High Load Hours (HLH) in the Billing Period; or
2. 75% of the highest Billing Demand for the Customer's Plant in the immediately preceding period of November to February, both months included; or
3. 50% of the Contract Demand stated in the Electricity Supply Agreement for the Customer's Plant,

whichever is the highest value.

The HLH period is defined as the hours from 06:00 to 22:00 Monday to Saturday, except for Statutory Holidays.

The LLH period is defined as all other hours.

Statutory Holidays for the purpose of this Schedule are New Year's Day, Family Day, Good Friday, Victoria Day, Canada Day, B.C. Day, Labour Day, Thanksgiving Day, Remembrance Day and Christmas Day.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

Energy Charge: Winter HLH Period

~~3.836~~3.981¢ per kW.h applied to all kW.h up to and including 90% of the Customer's Winter HLH Period CBL.

~~9.489~~9.953¢ per kW.h applied to all kW.h above 90% of the Customer's Winter HLH Period CBL.

The Winter Period is the 4 Billing Periods starting with the first day of the Billing Period which commences nearest to November 1st each year and ending on the last day of the 4th Billing Period thereafter.

Winter LLH Period

~~3.836~~3.981¢ per kW.h applied to all kW.h up to and including 90% of the Customer's Winter LLH Period CBL.

~~8.600~~9.021¢ per kWh applied to all kW.h above 90% of the Customer's Winter LLH Period CBL.

The Winter Period is the 4 Billing Periods starting with the first day of the Billing Period which commences nearest to November 1st each year and ending on the last day of the 4th Billing Period thereafter.

Spring Period

~~3.836~~3.981¢ per kW.h applied to all kW.h up to and including 90% of the Customer's Spring Period CBL.

~~7.660~~8.034¢ per kW.h applied to all kW.h above 90% of the Customer's Spring Period CBL.

The Spring Period is the 2 Billing Periods starting with the first day of the Billing Period which commences nearest to May 1st each year and ending on the last day of the 2nd Billing Period thereafter.

Remaining Period

~~3.836~~3.981¢ per kW.h applied to all kW.h up to and including 90% of the Customer's Remaining Period CBL applicable.

~~8.398~~8.810¢ per kW.h applied to all kW.h above 90% of the Customer's Energy CBL applicable in the Billing Period.

Utilities Commission by the time the CBL would become effective, BC Hydro may determine the CBL on an interim basis, and apply the CBL so determined for purposes of any Billing Periods and bills rendered to the Customer until such time as the CBL has been finally determined and approved by the British Columbia Utilities Commission, whereupon BC Hydro will make any necessary billing adjustments.

3. In accordance with the TOU (Transmission Service) Agreement, the Customer will have a period of 30 days following approval of the Customer's initial CBL by the British Columbia Utilities Commission within which the Customer may, by written notice to BC Hydro, withdraw from taking service under this Schedule, and revert to taking service under Schedule 1823 (Stepped Rate) instead. This right of withdrawal is available only when the Customer first subscribes to take service under this Schedule, and is applicable only in respect of the initial CBL determination. If the Customer exercises this right of withdrawal Schedule 1823 will apply from the commencement of the Billing Year, and BC Hydro will make any necessary billing adjustments.

Taxes:

4. Customers taking service under Schedule 1852 may not also take service under this Schedule.

Note: The rate charges contained herein are exclusive of the Goods and Services tax and Social Services tax.

The terms and conditions under which service is supplied are contained in the Electricity Supply Agreement (Electric Tariff Supplement 5) as amended by the TOU (Transmission Service) Agreement (Electric Tariff Supplement 72).

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, ~~2015~~2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1827 – TRANSMISSION SERVICE – RATE FOR EXEMPT CUSTOMERS

Availability:	For all purposes. Supply is at 60,000 volts or higher. Only for City of New Westminster and University of British Columbia and other Customers exempted from Rate Schedule 1823 by the British Columbia Utilities Commission.
Applicable in:	Rate Zone 1 excluding the Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.
Rate:	Demand Charge: $~~7.341~~7.635 per kV.A of Billing Demand per Billing Period. Plus Energy Charge: ~~4.303~~4.475 ¢ per kW.h for all kW.h in a Billing Period.
Billing Demand:	The Demand for billing purposes shall be: 1. the highest kV.A Demand during the High Load Hours (HLH) in the Billing Period; or 2. 75% of the highest Billing Demand for the Customer's Plant in the immediately preceding period of November to February, both months included; or 3. 50% of the Contract Demand stated in the Electricity Supply Agreement for the Customer's Plant, whichever is the highest value. The HLH period is defined as the hours from 06:00 to 22:00 Monday to Saturday, except for Statutory Holidays. The LLH period is defined as all other hours. Statutory Holidays for the purpose of this Schedule are New Year's Day, Family Day, Good Friday, Victoria Day, Canada Day, B.C. Day, Labour Day, Thanksgiving Day, Remembrance Day and Christmas Day.
Monthly Minimum Charge:	$~~7.341~~7.635 per kV.A of Billing Demand

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Taxes:	The rates and minimum charge contained herein are exclusive of the Goods and Services tax and Social Service tax.
Note:	The terms and conditions under which transmission service is supplied are contained in Electric Tariff Supplements 5 and 6.
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, ~~2015~~2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

ORDER NO._____

_____
COMMISSION SECRETARY

Excess Demand Charge

$~~7.341~~7.635 per kV.A of metered kV.A Demand in excess of the Maximum Demand Level during the Low Load Hours is applicable to this Rate Schedule,

where:

"Maximum Demand Level" means the Maximum Demand Level(s) stated in the Modified Demand Agreement. For a Customer referred to in item (i) of the definition of High Load Hours, separate Maximum Demand Levels will be stated for (i) the Low Load Hours from 10:00 hours to 16:00 hours Monday to Friday, except for Statutory Holidays, and (ii) all other Low Load Hours. For a Customer referred to in item (ii) of the definition of Low Load Hours, a single Maximum Demand Level will be stated for all Low Load Hours.

The highest Maximum Demand Level will not exceed 95% of Contract Demand stated in the Customer's Electricity Supply Agreement, and is subject to local transmission availability.

Special Conditions:

1. The provisions of Rate Schedule 1823 and the ESA continue to apply, except to the extent necessary to avoid conflict with this Rate Schedule and the Modified Demand Agreement. In the case of conflict between this Schedule or the Modified Demand Agreement and Rate Schedule 1823 and the ESA, the provisions of this Schedule and the Modified Demand Agreement shall govern.

2. Upon two occurrences of the following:

   If for any Billing Period the total energy consumed under RS1852, during the LLH, is greater than the LLH CBL Energy by 10% or more,

   The highest kV.A demand in the Billing Period during the High Load Hours (HLH) will be adjusted by a factor of the ratio of the average monthly LLH energy of the two Billing Periods which satisfied the condition above over the LLH CBL Energy. The adjustment of the highest kV.A demand will be in effect starting from the month immediately following the month of the second occurrence and continue for 12 months. The LLH CBL Energy will be recalculated using the consumption history of the most recent

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twelve Billing Periods,

where:

"LLH CBL Energy" means the highest monthly energy consumption during the LLH over the last twelve Billing Periods, or an estimate will be made if insufficient data is available.

3. For the purpose of determining the minimum amount of Minimum Reduction, as stated in the Modified Demand Agreement, the general guideline will be 50% of the difference between the Maximum Demand Level and the LLH CBL Demand, but shall be in all cases, no less than 10MW.
4. For the purpose of determining the Maximum Number of Demand Reduction Transactions, as stated in the Modified Demand Agreement, the Maximum Duration multiplied by the Maximum Number of Demand Reduction Transactions shall be at least 48 hours.

Taxes:	The rates contained herein are exclusive of the Goods and Services tax and Social Services tax.
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, ~~2015~~2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

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SCHEDULE 1853 – TRANSMISSION SERVICE – IPP STATION SERVICE

Availability:	For Customers who are Independent Power Producers (IPPs) served at transmission voltage subject to the Special Conditions below.	
Applicable in:	Rate Zone I excluding Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.	
Rate:	Energy Charge:	The sum, over the Billing Period, of the hourly energy consumed multiplied by the entry in the ICE Mid- Columbia (Mid-C) Peak, and Mid-C Off-Peak weighted average index price as published by ICE in the ICE Day Ahead Power Price Report that corresponds to the time when consumption occurred, during that hour.
Minimum Monthly Charge:	$~~41.37~~43.02	
Special Conditions:	BC Hydro agrees to provide Electricity under this Schedule to the extent that it has energy and capacity to do so. BC Hydro may, without notice to the Customer, terminate the supply of Electricity under this Schedule if at any time BC Hydro does not have sufficient energy or capacity. Prior to taking Electricity under this Schedule, the Customer may be required to obtain approval from BC Hydro. BC Hydro will advise the Customer of the need to obtain approval prior to the taking of energy under this Schedule. Electricity taken under this Schedule is to be used solely for maintenance and black-start requirements and shall not displace Electricity that would normally be generated by the Customer.	
Taxes:	The rates and minimum charge contained herein are exclusive of the Goods and Services tax and the Social Services tax.	
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.	
Interim Rate Increase:	Effective April 1, ~~2015~~2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.	

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SCHEDULE 1880 – TRANSMISSION SERVICE – STANDBY AND MAINTENANCE SUPPLY

Availability: For Customers supplied with Electricity under Schedules 1823, 1825, 1827, and 1852 subject to the Special Conditions below.

Applicable in: Rate Zone I excluding the Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.

Rate: The Rate per Period of Use shall be:

Administrative Charge:

$150.00 per Period of Use

Energy Charge:

For each hour during the Period of Use the Energy Charge is the Schedule 1880 Energy metered consumption (in kW.h) multiplied by ~~8.503~~8.920¢ per kW.

Period of Use: A period of consecutive hours during which Electricity is taken under this Schedule which may extend into subsequent Billing Periods. The Period of Use is as defined by the Customer when making the request to BC Hydro for service under Schedule 1880.

Reference Demand: The HLH Reference Demand is defined as the highest kV.A Demand in the HLH for the current Billing Period prior to the Period of Use excluding any prior Period of Use. If the Period of Use extends over an entire Billing Period, the highest kV.A Demand in the HLH from the prior Billing Period will be used in determining the HLH Reference Demand, excluding any Period of Use in the prior Billing Period.

For the purpose of the Reference Demand, the HLH periods are as defined per Schedule 1823, 1825, 1827 or 1852, whichever is applicable.

Schedule 1880 Energy Determination: During the HLH periods, on an hourly basis, the kW.h consumption which exceeds the HLH High kW.h/hr within the Period of Use, or portion thereof.

The HLH High kW.h/hr is defined as the product of the HLH Reference Demand multiplied by the Power Factor for the half hour when the HLH Reference Demand occurred.

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5. In addition to the charges specifically set out in this Schedule, the Customer shall pay for any additional facilities required to deliver Electricity under this Schedule provided that BC Hydro obtains the prior consent of the Customer for construction of the additional facilities.
6. A Customer may be required to allow BC Hydro to install metering and communication equipment to measure the electricity output of the Customer's self-generation unit.
7. BC Hydro will bill for Electricity taken under Schedule 1880 at the same time it bills for Electricity taken under Schedule 1823, 1825, 1827 or 1852, whichever is applicable.

Taxes: The rates contained herein are exclusive of the Goods and Services tax and the Social Services tax.

Note: The terms and conditions under which transmission service is supplied are contained in Electric Tariff Supplements 5 and 6.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, ~~2015~~2016 the Energy Charge under these schedules includes an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

SCHEDULE 1891 – SHORE POWER SERVICE (TRANSMISSION)

Availability	For the supply of Shore Power to Port Customers served at Transmission Service for use by Eligible Vessels while docked at the Port Customer's Port Facility. Shore Power Service is supplied at 60,000 volts or higher.
Applicable in:	Rate Zone 1
Rate:	Administrative Charge: $150.00 per month Plus Energy Charge: ~~8.503~~8.920 ¢ per kW.h

Special Conditions:

1 BC Hydro agrees to provide Electricity under this Rate Schedule to the extent that it has energy and capacity to do so. BC Hydro may refuse service under this Rate Schedule in circumstances where BC Hydro does not have sufficient energy or capacity. For greater certainty, BC Hydro shall not be required to construct a System Reinforcement under Electric Tariff Supplement No. 6 to provide Shore Power Service under this Rate Schedule.

2 The terms and conditions under which Shore Power Service is supplied are contained in the Shore Power Service Agreement (Electric Tariff Supplement No. 86). The Port Customer shall pay to BC Hydro the charges set out in this Rate Schedule in addition to any charges set out in the Shore Power Service Agreement.

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SCHEDULE 2600, 2601, 2610, 2611 – LARGE GENERAL SERVICE (150 KW AND OVER) FOR DISTRIBUTION UTILITIES

Availability: For Customers who qualify for General Service and (i) whose Billing Demand (determined under the Special Conditions below) is equal to or greater than 150 kW, or whose energy consumption in any 12 month period is greater than 550,000 kWh; (ii) who re-sell the electricity purchased from BC Hydro under this rate schedule at rates that are designed to and will reduce the electricity consumption of the customers of the Customer; (iii) who are public utilities regulated by the British Columbia Utilities Commission in regard to the re-sale of electricity purchased under this rate schedule; and (iv) who elect service under this rate schedule. Supply is at 60 hertz, single or three phase at secondary or primary potential. BC Hydro reserves the right to determine the potential of the service connection.

Applicable in: Rate Zone I.

Charges: Basic Charge

~~22.57~~23.47¢ per day

Demand Charge

First 35 kW of Billing Demand per Billing Period	@ $0.00 per kW
Next 115 kW of Billing Demand per Billing Period	@ $~~5.50~~5.72 per kW
All additional kW of Billing Demand per Billing Period	@ $~~10.55~~10.97 per kW

Energy Charge

All kWh of energy consumption in the Billing Period @ the rate equal to the sum of:

1. the product of the marginal cost-based energy rate prescribed in the Part 2 Energy Charge/Credit provision of Rate Schedule 1600/1601/1610/1611, and 0.05;

2. the product of ~~5.31~~5.52¢ per kWh, and 0.95; and

3. –~~0.39~~0.41¢ per kWh.

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Metering:	A demand meter will normally be installed. Prior to the installation of such a meter, or if such a meter is not installed, the Billing Demand shall be estimated by BC Hydro.
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, ~~2015~~2016 the Rates and Minimum Charge under these schedules include an interim increase of ~~6.00~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

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SCHEDULE 3808 – TRANSMISSION SERVICE – FORTISBC

Availability:	This schedule is available to FortisBC in accordance with the terms and conditions of the Agreement between BC Hydro and FortisBC entered into and deemed effective the 1st day of July 2014 (the "Power Purchase Agreement"). The Contract Demand shall not exceed 200 MW in any hour.	
Applicable in:	For Electricity delivered to FortisBC at each Point of Delivery as defined in the Power Purchase Agreement.	
Rate:	Demand Charge:	$~~7.341~~7.635 per kW of Billing Demand per Billing Month plus
	Tranche 1 Energy Price:	~~4.303~~4.475¢ per kW.h
	Tranche 2 Energy Price:	12.97¢ per kW.h

Billing Demand: The Demand for billing purposes in any Billing Month shall be the greatest of:

1. the maximum amount of Electricity (in kW) scheduled under the Power Purchase Agreement, for any hour of the Billing month;
2. 75% of the maximum amount of electricity (in kW) scheduled under the Power Purchase Agreement in any hour in the 11 months of the Term immediately prior to the Billing Month (or less than 11 months, if the Effective Date is less than 11 months prior to the Month); and
3. 50% of the Contract Demand (in kW) for the Billing Month.

If FortisBC has reduced the Contract Demand in accordance with the Power Purchase Agreement, the amount of Electricity specified in Section 2 above may not exceed an amount equal to 100% of the Contract Demand.

Maximum Tranche1 Amount: The Maximum Tranche 1 Amount for each Contract Year is 1,041 GW.h.

Scheduled Energy Less Than or Equal to Annual Energy Nomination: In any Contract Year, for the amount of the Scheduled Energy taken or deemed to be taken that is less than or equal to the Annual Energy Nomination, FortisBC shall pay:

(a) The Tranche 1 Energy Price for each kW.h of such Scheduled Energy taken or deemed taken that is less than or equal to the Maximum Tranche 1 Amount; and

(b) The Tranche 2 Energy Price for each kW.h of such Scheduled Energy taken that exceeds the Maximum Tranche 1 Amount.

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BC Hydro
Rate Schedules
Effective: April 1, ~~2015~~2016
~~First~~Second Revision of Page 76-1

Scheduled Energy Exceeding the Annual Energy Nomination	In any Contract Year, for the amount of the Scheduled Energy taken or deemed to be taken that exceeds the Annual Energy Nomination, FortisBC shall pay: (a) 150% of the Tranche 1 Energy Price, for each kW.h of such Scheduled Energy taken or deemed taken that that exceeds the Annual Energy Nomination, but is less than or equal to the Maximum Tranche 1 Amount; and (b) 115% of the Tranche 2 Energy Price, for each kW.h of such Scheduled Energy taken that exceeds the Annual Energy Nomination and also exceeds the Maximum Tranche 1 Amount.
Annual Minimum Take	In any Contract Year, FortisBC shall schedule and take an amount of Electricity equal to at least 75% of the Annual Energy Nomination, and shall be responsible for any Annual Shortfall.
Note:	The terms and conditions under which service is supplied to FortisBC are contained in the Power Purchase Agreement.
Taxes:	The rates and charges contained herein are exclusive of the Goods and Services tax and the Social Services tax.
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	The Tranche 1 Energy Price and Demand Charge are subject to the same rate adjustments as Schedule 1827. Tranche 2 Energy Price is subject to changes as provided for in the Power Purchase Agreement. Effective April 1, ~~2015~~2016 the Tranche 1 Energy Price and the Demand Charge under this schedule includes an interim increase of ~~6.0~~4.00% before rounding, approved by BCUC Order No. ~~G-48-14~~G-XX-XX.

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COMMISSION SECRETARY

ATTACHMENT H

Annual Transmission Revenue Requirement

for Network Integration Transmission Service

1. The Annual Transmission Revenue Requirement for purposes of the Network Integration Transmission Service shall be $~~744,750,000~~805,500,000.

2. The amount in (1) shall be effective until amended by the Transmission Provider or modified by the Commission.

Effective April 1, 2016, this rate schedule is interim as per BCUC Order No. G-XX-XX.

ACCEPTED:_____

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COMMISSION SECRETARY

Schedule 00

Network Integration Transmission Service

Availability	For wholesale transmission of electricity.
Rate	Monthly Transmission Revenue Requirement: Customers will be charged their load ratio share of one twelfth (1/12th) of the Network Transmission Revenue Requirement per month. The Transmission Revenue Requirement is shown in Attachment H. One-twelfth of the Transmission Revenue Requirement is $~~62,062,500~~67,125,000.
Taxes	The Rate and Charges contained herein are exclusive of applicable taxes.
Note	The terms and conditions under which Network Integration Transmission Service is supplied are contained in BC Hydro's OATT. Capitalized terms appearing in this Schedule, unless otherwise noted, shall have the meaning ascribed to them therein.

Effective April 1, ~~2015~~2016, this rate schedule is ~~approved~~interim as per by BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

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Schedule 01

Point-To-Point Transmission Service

Availability	For transmission of electricity on a firm and non-firm basis from one or more Point(s) of Receipt (POR) to one or more Point(s) of Delivery (POD).
Rate for Long-Term Firm Service	The Reserved Capacity Charge for the Long-Term Firm Service Rate will be up to a maximum price as set out below except where the POD is a point of interconnection between the Transmission System and the transmission system of FortisBC Inc., in which case the rate shall be zero ($0.00). The Maximum Reserved Capacity Charge is $~~64,968~~69,455/MW of reserved capacity per year to be invoiced monthly. Reserved Capacity Billing Demand The Reserved Capacity Billing Demand is determined for each POR(s), POD(s) pair. The Reserved Capacity for each pair of POR(s) and POD(s) will be the maximum non-coincident sum of the designated POR(s) and POD(s) included in the pair.

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Schedule 01 – Point-To-Point Transmission Service (continued)

Rate for Short-Term Firm and Non-Firm Service	The posted prices for Short-Term Firm and Non-Firm Service will be less than or equal to a maximum price ($/MWh) as set out below, except where the POD is a point of interconnection between the Transmission System and the transmission system of FortisBC Inc., in which case the rate shall be zero ($0.00). Maximum Price for: 1. Monthly delivery: $~~5,413.99~~5,787.91/MW of Reserved Capacity per month. 2. Weekly delivery: $~~1,249.38~~1,335.67/MW of Reserved Capacity per week. 3. Daily delivery: $~~177.99~~190.29/MW of Reserved Capacity per day. 4. Hourly delivery: $~~7.42~~7.93/MW of Reserved Capacity per hour. Discount Rate: For discounted paths posted on the Transmission Provider's OASIS, the Transmission Customer shall pay each month for Reserved Capacity Billing Demand the greater of the rates set forth below and the rate offered by the Transmission Customer and accepted by the Transmission Provider up to the maximum rate for Short-Term Firm and Non-Firm Service: 1. Hourly delivery: $3/MW of Reserved Capacity per hour in the Heavy Load Hour period (06:00-22:00, Monday - Saturday, excluding NERC holidays) and $1/MW of Reserved Capacity per hour for the Light Load Hour period (remaining hours and days). 2. Daily delivery: sum of the hourly delivery charge in the 24 hour period in the day.
Reserved Capacity for Short-Term Firm and Non-Firm Services	The Reserved Capacity shall be the maximum of the sum of non-coincident POD(s) Capacity Reservations or sum of non-coincident POR(s) Capacity Reservations.

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Schedule 01 – Point-To-Point Transmission Service (continued)

Penalty Charge	In addition to the applicable rate for service and associated charges for Ancillary Services, a penalty charge will be applied to all unauthorized usage at a rate of 125 percent of the maximum hourly delivery charge.
Special Conditions	Discounts: The following conditions apply to discounts for transmission service: 1. any offer of a discount made by BC Hydro must be announced to all Eligible Customers solely by posting on the OASIS, 2 any customer-initiated requests for discounts (including requests for use by one's wholesale merchant or an affiliate's use) must occur solely by posting on the OASIS, 3. once a discount is negotiated, details must be immediately posted on the OASIS, and 4. for any discount agreed upon for service on a path, from POR(s) POD(s), BC Hydro must offer the same discounted transmission service rate for the same time period to all Eligible Customers on all unconstrained transmission paths that go to the same POD(s) on the Transmission System.
Taxes	The Rate and Charges contained herein are exclusive of applicable taxes.
Resales	The rates and rules governing charges and discounts stated above shall not apply to resales of transmission service, compensation for which shall be governed by section 23.1 of the Tariff
Note	The terms and conditions under which Transmission Service is supplied are contained in BC hydro's Open Access Transmission Tariff. Capitalized terms appearing in this Rate Schedule, unless otherwise noted, shall have the meaning ascribed to them therein.

Effective April 1, ~~2015~~2016, this rate schedule is ~~approved by~~interim as per BCUC Order No. ~~G-48-14~~G-XX-XX.

ACCEPTED:_____

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Schedule 03

Scheduling, System Control, and Dispatch Service

Preamble	This service is required to schedule the movement of power through, out of, within, or into a Control Area. This service can be provided only by the operator of the Control Area in which the transmission facilities used for transmission service are located. Scheduling, System Control and Dispatch Service is to be provided directly by BC Hydro. The Transmission Customer must purchase this service from BC Hydro. The charges for Scheduling, System Control and Dispatch Service are to be based on the rates set forth below.
Availability	In support of Network Integration Transmission Service, Long and Short-Term Firm Point-to-Point Transmission Service, and Non-Firm Point-to-Point Transmission Service.
Rate	$0.099 per MW of Reserved Capacity per hour.
Taxes	The Rate and Charges contained herein are exclusive of applicable taxes.
Note	A description of the methodology for discounting Scheduling, System Control and Dispatch Services provided under this Schedule is contained in Section 3 of the BC Hydro OATT.

Effective April 1, ~~2015~~2016, this rate schedule is ~~approved by~~interim as per BCUC Order No. ~~G-48-14~~G-XX-XX.

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BC Hydro
Power smart

F2017 to F2019 Revenue Requirements Application
Request for Interim F2017 Rates

Appendix E

Tariff Pages
Clean

SCHEDULE 1101, 1121 – RESIDENTIAL SERVICE

Availability: For Residential Service. Service is normally single phase, 60 hertz at the secondary potential available. In BC Hydro's discretion, service may be three phase 120/208 or 240 volts.

Applicable in: Rate Zone I.

Rate:

1. Schedule 1101 - Residential Service

Basic Charge 18.35¢ per day

Energy Charge

A. For customers billed monthly

Step 1 – First 675 kW.h per month	@ 8.29 cents/kW.h
Step 2 – Additional kW.h per month	@ 12.43 cents/kW.h

B. For customers billed bi-monthly

Step 1 – First 1350 kW.h per two months	@ 8.29 cents/kW.h
Step 2 – Additional kW.h per two months	@ 12.43 cents/kW.h

Note: For billing purposes. Step 1 is pro-rated on a daily basis.

2. Schedule 1121 - Multiple Residential Service

Basic Charge 18.35¢ per Single-Family Dwelling per day

Energy Charge – Per Single Family Dwelling

A. For Customers billed monthly

Step 1 – First 675 kW.h. per month	@ 8.29 cents/kW.h
Step 2 – Additional KW.h per month	@ 12.43 cents/kW.h

B. For Customers billed bi-monthly

Step 1 – First 1350 kW.h per two months	@ 8.29 cents/kW.h
Step 2 – Additional kW.h per two months	@ 12.43 cents/kW.h

Note: For billing purposes, Step 1 is pro-rated on a daily basis

Minimum Charge:

Schedule 1101 - The Basic Charge.

Schedule 1121 - The Basic Charge per Single-Family Dwelling.

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Special Conditions:

1. The maximum capacity of all heating elements energized at any one time in any water heater served under this schedule shall not exceed the greater of 1,500 watts or 45 watts per litre (200 watts per imperial gallon) of tank capacity, except with the written permission of BC Hydro.
2. Schedule 1121 applies if the Premises contain more than two Single-Family Dwellings.

A discount of 25¢ per month per kW of maximum demand shall be applied to Schedule 1121 if a Customer supplies the transformation from a primary potential to a secondary potential. BC Hydro will install a demand meter in addition to a kilowatt hour meter. BC Hydro will install its meters at the secondary potential. The Billing Code for Schedule 1121 Customers eligible for the Discount for Ownership of Transformers shall be Schedule 1122.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

SCHEDULE 1105 – RESIDENTIAL SERVICE – DUAL FUEL (CLOSED)

Availability:	For residential space heating and water heating upon an interruptible basis. Electricity purchased under this rate schedule will be separately metered. Service is single phase, 60 hertz, at 120/240 or 240 volts. This schedule is available only in Premises served under this schedule on 15 January 1990 and continuously thereafter, only with respect to equipment served under this schedule on 15 January 1990 and continuously thereafter, and only in Premises where there has been no change in Customer since April 1, 2008.
Applicable in:	Rate Zone I in areas where, in BC Hydro's opinion, BC Hydro's transmission, sub-transmission and distribution circuit feeders are or will be capable of handling the added load.
Rate:	Except as stated hereunder, the rate shall be: 5.43¢ per kW.h Exception: If during a Period of Interruption a customer has failed to comply with BC Hydro's requirement to cease the use of electricity and BC Hydro, in its sole discretion, continues to supply electricity, the rate for such electricity shall be: 31.58¢ per kW.h
Period of Interruption:	A period during which a customer is required by BC Hydro to cease the use of electricity under this rate schedule.

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5. BC Hydro will upgrade an existing service connection supplying firm load to serve additional load under this rate schedule. The charge for upgrading will be the same as applicable to a new service connection.
6. No other load than that stipulated in the Availability clause is permitted under this rate schedule. Any unauthorized use of electricity or any refusal by a customer to permit Access to Premises in accordance with the Terms and Conditions of BC Hydro's Electric Tariff will result in the immediate disconnection of the service and all unauthorized consumption as estimated by BC Hydro shall be billed at the rate for electricity during a Period of Interruption as stated in this rate schedule.
7. In addition to and without restriction of any other limitations of liability of BC Hydro, BC Hydro shall specifically not be liable for any loss, damage, injury or expense occasioned to or suffered by any customer receiving service on this rate schedule, or by any other person, for or by reason of any interruption of electricity supply whatsoever for any reason whatsoever.
8. The maximum capacity of all heating elements energized at any one time in any water heater served under this schedule shall not exceed the greater of 1,500 watts or 45 watts per litre (200 watts per imperial gallon) of tank capacity, except with the written permission of BC Hydro
9. At the conclusion of any Period of Interruption, BC Hydro may terminate service under this rate schedule to any customer who used electricity during a Period of Interruption, unless it can be demonstrated to BC Hydro's satisfaction that adequate standby facilities exist.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

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SCHEDULE 1107, 1127 – RESIDENTIAL SERVICE – ZONE II

Availability: For Residential Service. Service is normally single phase, 60 hertz at the secondary potential available. In BC Hydro's discretion, service may be three phase 120/208 or 240 volts.

Applicable in: Rate Zone II.

Rate:

1. Schedule 1107 - Residential Service

Basic Charge 19.57 ¢ per day			
First 1500 kW.h	per month	@	9.93 ¢ per kW.h
All additional kW.h	per month	@	17.07 ¢ per kW.h.

2. Schedule 1127 - Multiple Residential Service

Basic Charge 19.57 ¢	per single-family dwelling per day		
First 1500 kW.h	per single-family dwelling per month		
		@	9.93 ¢ per kW.h
All additional kW.h	per month	@	17.07 ¢ per kW.h.

Minimum Charge:
Schedule 1107 - The Basic Charge.
Schedule 1127 - The Basic Charge per Single-Family Dwelling.

Special Conditions:

1. The maximum capacity of all heating elements energized at any one time in any water heater served under this schedule shall not exceed the greater of 1,500 watts or 45 watts per litre (200 watts per imperial gallon) of tank capacity, except with the written permission of BC Hydro.
2. Schedule 1127 applies if the Premises contain more than two Single-Family Dwellings.

Discount for Ownership of Transformers: A discount of 25¢ per month per kW of maximum demand shall be applied to Schedule 1127 if a Customer supplies the transformation from a primary potential to a secondary potential. BC Hydro will install a demand meter in addition to a kilowatt hour meter. BC Hydro will install its meters at the secondary potential. The Billing Code for Schedule 1127 Customers eligible for the Discount for Ownership of Transformers shall be Schedule 1128.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

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SCHEDULE 1148 – RESIDENTIAL SERVICE – ZONE II (CLOSED)

Availability:	For Residential Service in Rate Zone II where a permanent electric space heating system is in use, providing the aforesaid system was installed prior to 10 October 1966. This schedule is available only to a Customer and Premises served under this rate schedule on 24 April 1992 and continuously thereafter.
Applicable in:	Rate Zone II.
Rate:	Basic Charge 19.57 ¢ per day All kW.h @ 9.93 ¢ per kW.h.
Minimum Charge:	The Basic Charge.
Special Condition:	The maximum capacity of all heating elements energized at any one time in any water heater served under this schedule shall not exceed the greater of 1,500 watts or 45 watts per litre (200 watts per imperial gallon) of tank capacity, except with the written permission of BC Hydro.
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

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SCHEDULE 1151, 1161 - EXEMPT RESIDENTIAL SERVICE

Availability: For residential service and uses exempted from rate schedules 1101 and 1121, including:

1. Use upon farms as referenced in the definition of Residential Service.
2. Residential service Customers in Rate Zone IB.

Service is normally single phase, 60 hertz at the secondary potential available. In BC Hydro's discretion, service may be three phase 120/208 or 240 volts.

Applicable in: Rate Zone I and Rate Zone IB

Rate:

1. Schedule 1151 – Residential Service

   Basic Charge 19.57¢ per day

   All kW.h @ 9.93¢ per kW.h

2. Schedule 1161 – Multiple Residential Service

   Basic Charge 19.57¢ per day per Single-Family Dwelling per day

   All kW.h @ 9.93¢ per kW.h

Minimum Charge: Schedule 1151 - The Basic Charge.

Schedule 1161 – The Basic Charge per Single-Family Dwelling

Special Conditions: The maximum capacity of all heating elements energized at any one time in any water heater served under this schedule shall not exceed the greater of 1,500 watts or 45 watts per litre (200 watts per imperial gallon) of tank capacity, except with the written permission of BC Hydro.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

Discount for Ownership of Transformers:	A discount of 25¢ per month per kW of maximum demand shall be applied to Schedule 1161 if a Customer supplies the transformation from a primary potential to a secondary potential. BC Hydro will install a demand meter in addition to a kilowatt hour meter. BC Hydro will install its meters at the secondary potential. The Billing Code for Schedule 1161 Customers eligible for the Discount for Ownership of Transformers shall be Schedule 1162.
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

SCHEDULE 1200, 1201, 1210, 1211 – EXEMPT GENERAL SERVICE (35 KW AND OVER)

Availability: For Customers who qualify for General Service and who are enrolled in BC Hydro's Medium General Service (MGS) or Large General Service (LGS) control groups and customers in Rate Zone 1B. A Customer who ceases to be enrolled in a MGS or the LGS control group shall revert to service under the applicable MGS rate schedule or LGS rate schedule. Supply is 60 hertz, single or three phase at secondary or primary potential. BC Hydro reserves the right to determine the potential of the service connection.

Applicable in: Rate Zone I and Rate Zone IB.

Rate: Basic Charge
23.47 ¢ per day

Demand Charge

First 35 kW of Billing Demand per Billing Period	@ $0.00 per kW
Next 115 kW of Billing Demand per Billing Period	@ $5.72 per kW
All additional kW of Billing Demand per Billing Period	@ $10.97 per kW

Energy Charge

First 14800 kW.h of energy consumption in the Billing Period
@ 11.16 ¢ per kW.h

All additional kW.h of energy consumption in the Billing Period
@ 5.36 ¢ per kW.h

Discounts

1. A discount of 1½% shall be applied to the above charges if a Customer's supply of electricity is metered at a primary potential.
2. A discount of 25¢ per billing period per kW of billing demand shall be applied to the above charges if a Customer supplies transformation from a primary potential to a secondary potential.
3. If a Customer is entitled to both of the above discounts, the discount for metering at a primary potential shall be applied first.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

Billing Codes:	Schedule 1200	applies if a Customer's supply of electricity is metered at a secondary potential and BC Hydro supplies transformation from a primary potential to a secondary potential.
	Schedule 1201	applies if a Customer's supply of electricity is metered at a primary potential and BC Hydro supplies transformation from a primary potential to a secondary potential.
	Schedule 1210	applies if a Customer's supply of electricity is metered at a secondary potential and the Customer supplies transformation from a primary potential to a secondary potential.
	Schedule 1211	applies if a Customer's supply of electricity is metered at a primary potential and the Customer supplies transformation from a primary potential to a secondary potential.

Billing Demand: The Billing Demand shall be the highest kW demand in the Billing Period.

Billing Period: "Billing Period" means a period of 27 to 33 consecutive days between regular meter readings, provided that in cases where meter readings are not available or are delayed for any reason BC Hydro may vary the number of days in the Billing Period.

Monthly Minimum Charge: 50% of the highest maximum demand charge billed in any billing period wholly within an on-peak period during the immediately preceding eleven billing periods. For the purpose of this provision an on-peak period commences on 1 November in any year and terminates on 31 March of the following year.

Special Condition:

1. A demand meter will normally be installed. Prior to the installation of such a meter, or if such a meter is not installed, the demand for billing purposes shall be the assessed demand estimated by BC Hydro.
2. Migration rule (between Exempt General Service and Small General Service): Customers taking service at Exempt General Service rates (Rate Schedules 1200, 1201, 1210 or 1211) will be moved to service at Small General Service rates (Rate Schedules 1300, 1301, 1310 or 1311) if the Customers' Billing Demand in each of the 12 most recent consecutive Billing Periods was less than 35 kW.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

SCHEDULE 1205, 1206, 1207 – GENERAL SERVICE – DUAL FUEL (CLOSED)

Availability: For general space heating, water heating and industrial process heating upon an interruptible basis.

Electricity purchased under these rate schedules will be separately metered. Service is 60 hertz single or three phase at the secondary or primary potential available. BC Hydro reserves the right to determine the potential of the service connection.

This schedule is available only in Premises served under this schedule on 15 January 1990 and continuously thereafter, only with respect to equipment served under this schedule on 15 January 1990 and continuously thereafter, and only in Premises where there has been no change in Customer since April 1, 2008.

Applicable in: Rate Zone I in areas where, in BC Hydro's opinion, BC Hydro's transmission, sub-transmission and distribution circuit feeders are or will be capable of handling the added load.

Rate: Except as stated hereunder the rate shall be:

First 8000	kW.h per month @ 5.43 ¢ per kW.h
All additional	kW.h per month @ 3.56 ¢ per kW.h

Exception: If during a Period of Interruption a customer has failed to comply with BC Hydro's requirement to cease the use of electricity and BC Hydro, in its sole discretion, continues to supply electricity, the rate for such electricity shall be:

31.58 ¢ per kW.h

Period of Interruption: A period during which a customer is required by BC Hydro to cease the use of electricity under these rate schedules.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

the Terms and Conditions of BC Hydro's Electric Tariff will result in the immediate disconnection of the service and all unauthorized consumption as estimated by BC Hydro shall be billed at the rate for electricity during a Period of Interruption as stated in these rate schedules.

9. In addition to and without restriction of any other limitations of liability of BC Hydro, BC Hydro shall specifically not be liable for any loss, damage, injury or expense occasioned to or suffered by any customer receiving service on these rate schedules, or by any other person, for or by reason of any interruption of electricity supply whatsoever for any reason whatsoever.

10. A customer who signs a contract with BC Hydro for the supply of electricity to new load under these rate schedules during the period commencing 1 July 1988 and ending 31 December 1988 shall be eligible to receive an incentive rebate on his electricity bills provided the customer begins taking service under these rate schedules no later than twelve months following the date the contract was signed.

11. A rebate shall be applied to reduce the effective rate to 1.1 ¢ per kW.h. Such rebate will apply only to an accumulated maximum of $30.00 per kW of connected new load in excess of 35 kW and only up to the first two years following connection. Bills for energy consumed shall be calculated and presented at full rates with the rebate for any given period applied to the following bill. The maximum two year period of billing rebates shall be extended by the equivalent of any Period of Interruption. Rebates shall not be applied to reduce the rate applicable for consumption during a Period of Interruption, nor shall rebates be applied to reduce power factor surcharges.

12. At the conclusion of any Period of Interruption, BC Hydro may terminate service under these rate schedules to any customer who used electricity during a Period of Interruption, unless it can be demonstrated to BC Hydro's satisfaction that adequate standby facilities exist.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1234 – SMALL GENERAL SERVICE (UNDER 35 KW) – ZONE II

Availability:	For all purposes where a demand meter is not installed because the Customer's demand as estimated by BC Hydro is less than 35 kW. Supply is 60 hertz, single or three phase at an available secondary potential.		
Applicable in:	Rate Zone II.		
Rate:	Basic Charge 23.47 ¢ per day		
	First 7000	kW.h per month @	11.16 ¢ per kW.h
	All additional	kW.h per month @	18.58 ¢ per kW.h
Minimum Charge:	The Basic Charge.		
Special Conditions for Unmetered Service:	Same as in Rate Schedules 1300, 1301, 1310 and 1311.		
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.		
Interim Rate Increase:	Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.		

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1253 – DISTRIBUTION SERVICE – IPP STATION SERVICE

Availability:	For Customers who are Independent Power Producers (IPPs) served at distribution voltage, subject to the Special Conditions below.	
Applicable in:	Rate Zone I excluding Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.	
Rate:	Energy Charge:	The sum, over the Billing Period, of the hourly energy consumed multiplied by the entry in the ICE Mid Columbia (Mid-C) Peak, and Mid-C Off-Peak weighted average index price as published by ICE in the ICE Day Ahead Power Price Report that corresponds to the time when consumption occurred, during that hour.
Monthly Minimum Charge:	$43.02	

Special Conditions:

1. BC Hydro agrees to provide Electricity under this Schedule to the extent that it has energy and capacity to do so.
2. BC Hydro may, without notice to the Customer, terminate the supply of Electricity under this Schedule if at any time BC Hydro does not have sufficient energy or capacity.
3. Prior to taking Electricity under this Schedule, the Customer may be required to obtain approval from BC Hydro. BC Hydro will advise the Customer of the need to obtain approval prior to the taking of energy under this Schedule.
4. Electricity taken under this Schedule is to be used solely for maintenance and black-start requirements and shall not displace Electricity that would normally be generated by the Customer.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

ACCEPTED:

ORDER NO.

COMMISSION SECRETARY

SCHEDULE 1255, 1256, 1265, 1266 – GENERAL SERVICE (35 KW AND OVER) – ZONE II

Availability: For all purposes. Supply is 60 hertz, single or three phase at secondary or primary potential. BC Hydro reserves the right to determine the potential of the service connection.

Applicable in: Rate Zone II.

Rate: Basic Charge 23.47 ¢ per day

First 200 kW.h per kW of demand per month	@ 11.16 ¢ per kW.h
All additional kW.h per month	@ 18.58 ¢ per kW.h.

Discounts

1. A discount of 1½% shall be applied to the above rate if a Customer's supply of electricity is metered at a primary potential.
2. A discount of 25¢ per month per kW of billing demand shall be applied to the above rate if a Customer supplies transformation from a primary to a secondary potential.
3. If a Customer is entitled to both of the above discounts the discount for metering at a primary potential shall be applied first.

Billing Codes:

Schedule 1255	applies if a Customer's supply of electricity is metered at a secondary potential and BC Hydro supplies transformation from a primary potential to a secondary potential.
Schedule 1256	applies if a Customer's supply of electricity is metered at a primary potential and BC Hydro supplies transformation from a primary potential to a secondary potential.
Schedule 1265	applies if a Customer's supply of electricity is metered at a secondary potential and the Customer supplies transformation from a primary potential to a secondary potential.
Schedule 1266	applies if a Customer's supply of electricity is metered at a primary potential and the Customer supplies transformation from a primary potential to a secondary potential.

ACCEPTED:_____

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Monthly Minimum Charge:	The Monthly Minimum Charge paid by a Customer on Schedule 1255, or 1256, or 1265 or 1266 shall be the charge the Customer would have paid if he had been billed on Schedule 1200, or 1201, or 1210 or 1211 respectively.
Special Conditions:	1. A demand meter will normally be installed; prior to the installation of such a meter, or if such a meter is not installed, the demand for billing purposes shall be the assessed demand estimated by BC Hydro. 2. Where the Customer's demand is or is likely to be in excess of 45 kV.A, then BC Hydro may require that supply to such Customer be by special contract and that such supply be subject to such special conditions as BC Hydro, in its sole discretion, considers necessary to insert in the Customer's special contract.
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1268 – DISTRIBUTION SERVICE – IPP DISTRIBUTION TRANSPORTATION ACCESS

Availability: For Customers who have generators connected to BC Hydro's distribution system and want access to BC Hydro's transmission system, the Wholesale Transmission Service Tariff (WTS), and Electric Tariff Supplement No. 30, subject to the Special Conditions below.

Applicable in: Rate Zone I excluding Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.

Rate: Distribution Transportation Charge: 0.173 ¢ per kW.h

Special Conditions:

1. The Customer is required to pay the costs, including the cost of altering existing facilities, to connect the generator to B.C Hydro's distribution system in accordance with BC Hydro's Connection Requirements for Utility or Non-Utility Generation, 35 kV and Below.

2. For Customers with self-generation (i.e., with a Customer Baseline Load ("CBL") greater than zero), this Schedule is only applicable to sales of Surplus Energy. It may not be used by self-generating Customers who appear to have varied their demand for power from BC Hydro based on the actual or anticipated difference between BC Hydro's rate for providing service to them and the market price of power. For the purposes of this Schedule, "Surplus Energy" in any period is the energy made available from generation by the Customer calculated as the difference between the Customer's CBL and the Customer's actual consumption from BC Hydro in that period. The Customer's CBL is established, in general, by determining the Customer's electric energy consumption, on a monthly basis, for the past three years; in cases where inadequate history exists, alternative methods may be used to determine a Customer's CBL. Once established, the Customer's CBL will not be automatically adjusted for changes in the Customer's net metered consumption from BC Hydro. Any subsequent changes to the CBL must be due to changes in the Customer's load and not due to changes in its generation. The Customer must provide metered output from its generator which demonstrates an increase in generation output commensurate in time and amount with the Surplus Energy transported using this Schedule. Where it appears that the Customer has transported on this Schedule energy that is not Surplus Energy, BC Hydro will provide replacement energy to the Customer's load at market prices, subject to Commission approval for such sales.

3. The metering point to determine the electricity being delivered to BC Hydro's distribution system will be determined by BC Hydro. The electricity delivered to BC Hydro's distribution system will also be deemed to be delivered to BC Hydro's transmission system (that is, no distribution loss adjustment will be applied to the electricity from an IPP or self-generator when determining capacity and energy delivered to BC Hydro's transmission system).

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

SCHEDULE 1278 – POWER SERVICE (CLOSED)

Availability:	For power service when the demand is not less than 2000 kV.A for use in any one or more of electric steel making and the electric heating or melting of metals or other materials when such heating or melting is part of a continuous production process. This schedule is available only to a Customer served under this schedule on 1 April 1970 and continuously thereafter. Capacity in excess of that set out in a Customer's contract with BC Hydro, in effect on 1 April 1970, may be supplied at the sole discretion of BC Hydro. Service is three phase, 60 hertz at a nominal potential of 12,500 volts or higher as available
Applicable in:	Those parts of the Lower Mainland served by B.C. Electric Company Ltd. on 29 March 1962.
Rate:	$2.785 per kV.A by which the maximum demand per month exceeds the capacity which BC Hydro had agreed to supply under this rate schedule on 1 April 1970; plus 7.280 ¢ per kW.h per month.
Monthly Minimum Charge:	The greater of: (i) $5.44 per kV.A of maximum demand, or (ii) $10,879.19
Special Condition:	A Customer taking electricity on this schedule for the operation of an electric arc furnace shall, as a condition of service, install such inductive reactance as BC Hydro may specify. A Customer who has installed reactance as specified shall not then be required to correct for lagging power factor occasioned by the operation of the said arc furnace.
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

ACCEPTED:_____

ORDER NO._____ _____
COMMISSION SECRETARY

SCHEDULE 1280 – SHORE POWER SERVICE (DISTRIBUTION)

Availability

For the supply of Shore Power to Port Customers who qualify for General Service for use by Eligible Vessels while docked at the Port Customer's Port Facility.

Shore Power Service is supplied at 60 Hz, three phase at primary potential.

Applicable in: Rate Zone 1

Rate:

Administrative Charge: $150.00 per month

Plus

Energy Charge: 9.227 ¢ per kW.h

Special Conditions:

1 BC Hydro agrees to provide Electricity under this Rate Schedule to the extent that it has energy and capacity to do so. BC Hydro may refuse or terminate service under this Rate Schedule in circumstances where BC Hydro does not have sufficient energy or capacity. For greater certainty, BC Hydro shall not be required to construct an Extension for the purpose of increasing the capacity of BC Hydro's distribution system to provide Shore Power Service under this Rate Schedule.

2 The terms and conditions under which Shore Power Service is supplied are contained in the Shore Power Service Agreement (Electric Tariff Supplement No. 86). The Port Customer shall pay to BC Hydro the charges set out in this Rate Schedule in addition to any charges set out in the Shore Power Service Agreement.

SCHEDULE 1300, 1301, 1310, 1311 SMALL GENERAL SERVICE (UNDER 35 KW)

Availability: For Customers who qualify for General Service and whose billing demand, metered or estimated by BC Hydro, as applicable, is less than 35 kW.

Supply is 60 hertz, single or three phase at a secondary or primary potential.

Applicable in: Rate Zone I and Rate Zone IB.

Rate:

Basic Charge

23.47 ¢ per day

Energy Charge

All kW.h at 11.16 ¢ per kW.h

Discounts

1. A discount of 1½% shall be applied to the above charges if a Customer's supply of electricity is metered at a primary potential.
2. A discount of 25¢ per month per kW of maximum demand shall be applied if a Customer supplies transformation from a primary potential to a secondary potential. BC Hydro will install a demand meter in addition to a kilowatt hour meter.
3. If a Customer is entitled to both of the above discounts, the discount for metering at a primary potential shall be applied first.

ACCEPTED:

ORDER NO.

COMMISSION SECRETARY

Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1500, 1501, 1510, 1511 – MEDIUM GENERAL SERVICE (35 KW OR GREATER AND LESS THAN 150 KW)

Availability: For Customers who qualify for General Service and whose Billing Demand (determined under the Special Conditions below) is equal to or greater than 35 kW but less than 150 kW, or whose energy consumption in any 12-month period is equal to or less than 550,000 kW.h. Supply is 60 hertz, single or three phase at secondary or primary potential. BC Hydro reserves the right to determine the potential of the service connection.

Applicable in: Rate Zone I.

Charges:

Basic Charge

23.47 ¢ per day

Demand Charge

First 35 kW of Billing Demand per Billing Period	@ $0.00 per kW
Next 115 kW of Billing Demand per Billing Period	@ $5.72 per kW
All additional kW of Billing Demand per Billing Period	@ $10.97 per kW

Energy Charge

1. Energy Charge – Customers who have not yet been transferred to the rate under Part 2

   Energy Charges will be determined under this part for Customers who have not yet been transferred to service at the rate under Part 2.

   First 14,800 kW.h of energy consumption in the Billing Period @ Tier 1 rate of 10.30 ¢ per kW.h.

   All additional kW.h of energy consumption in the Billing Period @ Tier 2 rate of 7.19 ¢ per kW.h.

ACCEPTED:

ORDER NO.

COMMISSION SECRETARY

2. Energy Charge – Customers who have been transferred to the rate under this part (see Special Condition 5 below).

   Except for Customers being billed under "2.1 Energy Charge – Customers without HBLs", BC Hydro will determine monthly Historical Baselines ("HBLs") and related Billing Baselines ("BBLs") for use in calculating the Energy Charge payable by a Customer in a Billing Period.

   2.1 Energy Charge - Customers without HBLs

   Energy Charges will be determined under this part for Customers who do not have HBLs determined by BC Hydro under the Special Conditions below. The Energy Charges under this part will apply until HBLs can be determined by BC Hydro under the Special Conditions below.

   Energy Charge:

   First 14,800 kW.h of energy consumption in the Billing Period @ Tier 1 rate of 10.30 ¢ per kW.h.

   All additional kW.h of energy consumption in the Billing Period @ Tier 2 rate of 7.19 ¢ per kW.h.

   2.2 Energy Charge - Customers with HBLs

   Energy Charges will be determined under this part for:

   1. Customers who have been transferred to service at the rate under this part 2 for whom HBLs were determined by BC Hydro in accordance with the Special Conditions below, and
   2. Customers who have been transferred to service at the rate under this part 2 for whom HBLs were determined by BC Hydro in accordance with the Special Conditions below after completion of 12 consecutive months of service under this rate schedule.

The Energy Charge is the Part 1 Energy Charge plus any additional charges or minus any credits determined under the Part 2 Energy Charge/Credit below.

Part 1 Energy Charge

The following rates are applied to the Customer's BBL for the Billing Period:

If the BBL is greater than 14,800 kW.h:

[BBL minus 14,800] kW.h of the BBL for the Billing period @ Tier 2 rate of 7.19 ¢ per kW.h.

Last 14,800 kW.h of the BBL for the Billing period @ Tier 1 rate of 10.30 ¢ per kW.h.

If the BBL is less than or equal to 14,800 kW.h:

BBL for the Billing Period @ Tier 1 rate of 10.30 ¢ per kW.h

Part 2 Energy Charge/Credit

The determination of the Part 2 Energy Charge/Credit depends on whether energy consumption in the Billing Period is greater or less than the Customer's BBL for the Billing Period. If energy consumption in the billing period is equal to the BBL there is no Part 2 Energy Charge/Credit.

Consumption greater than BBL

For purposes of the following calculations, the difference between the BBL and the energy consumption for the Billing Period is defined as the "Consumption Greater Than Baseline".

Charge is based on the following three steps:

1. The marginal cost based energy rate of 10.09 ¢ per kW.h is applied to the Consumption Greater Than Baseline subject to a maximum of 20% of the BBL.
2. Tier 1 rate of 10.30 ¢ per kW.h is applied to the lesser of:
   (a) the remaining portion of the Consumption Greater Than Baseline (if any) following step 1 above, and
   (b) that portion of the Consumption Greater than Baseline which is equal to 14,800 kW.h minus 120% of the BBL (but if 14,800 kW.h minus 120% of the BBL would produce a negative number, the result shall be deemed to be zero).
3. Tier 2 rate of 7.19 ¢ per kW.h is applied to the remaining portion of the Consumption Greater Than Baseline (if any) following steps 1 and 2 above.

Consumption less than BBL

For purposes of the following calculations, the difference between the BBL and the energy consumption for the Billing Period is defined as the "Consumption Less Than Baseline".

Credit is based on the following three steps:

1. The marginal cost based energy rate of 10.09 ¢ per kW.h is applied to the Consumption Less Than Baseline subject to a maximum of 20% of the BBL.
2. Tier 1 rate of 10.30 ¢ per kW.h is applied to the lesser of:
   (a) the remaining portion of the Consumption Less Than Baseline (if any) following step 1 above, and
   (b) that portion of the Consumption Less Than Baseline which is equal to 14,800 kW.h minus 20% of the BBL (but if 14,800 kW.h minus 20% of the BBL would produce a negative number, the result shall be deemed to be zero).
3. Tier 2 rate of 7.19 ¢ per kW.h is applied to the remaining portion of the Consumption Less Than Baseline (if any) following steps 1 and 2 above.

Minimum Energy Charge (Applicable to Energy Charge 2.2)

The Minimum Energy Charge is the minimum energy rate of 3.43 cents per kW.h multiplied by the total energy consumption in the Billing Period. The Minimum Energy Charge applies only when the average energy rate in a Billing Period (the Energy Charge 2.2 divided by total energy consumption in the Billing Period) is less than the minimum energy rate.

Discounts

1. A discount of 1½% shall be applied to the above charges if a Customer's supply of electricity is metered at a primary potential.
2. A discount of 25¢ per billing period per kW of billing demand shall be applied to the above charges if a Customer supplies transformation from a primary potential to a secondary potential.
3. If a Customer is entitled to both of the above discounts, the discount for metering at a primary potential shall be applied first.

Billing Codes: Schedule 1500 applies if a Customer's supply of electricity is metered at a secondary potential and BC Hydro supplies transformation from a primary potential to a secondary potential.

5. Transfer to the rate under Part 2

Energy Charges under Part 2 will be applied progressively to groups of Customers according to their kW Billing Demand, as follows:

a. Commencing on April 1, 2012, Customers whose Billing Demand is equal to or greater than 85 kW and less than 150 kW at least once in the twelve month period ending September 30 in the previous year.

b. Commencing on April 1, 2013, all remaining Medium General Service Customers.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

SCHEDULE 1600, 1601, 1610, 1611 – LARGE GENERAL SERVICE (150 KW AND OVER)

Availability: For Customers who qualify for General Service and whose Billing Demand (determined under the Special Conditions below) is equal to or greater than 150 kW, or whose energy consumption in any 12 month period is greater than 550,000 kW.h. Supply is 60 hertz, single or three phase at secondary or primary potential. BC Hydro reserves the right to determine the potential of the service connection.

Applicable in: Rate Zone I.

Charges:

Basic Charge

23.47 ¢ per day

Demand Charge

First 35 kW of Billing Demand per Billing Period	@ $0.00 per kW
Next 115 kW of Billing Demand per Billing Period	@ $5.72 per kW
All additional kW of Billing Demand per Billing Period	@ $10.97 per kW

Energy Charge

Except for Customers being billed under "1. Energy Charge – Customers without HBLs", BC Hydro will determine monthly Historical Baselines ("HBLs") and related Billing Baselines ("BBLs") for use in calculating the Energy Charge payable by a Customer in a Billing Period.

1. Energy Charge – Customers without HBLs

   Energy Charges will be determined under this part for Customers for whom no HBLs were determined by BC Hydro under the Special Conditions below at the time they commenced taking service under this rate schedule. The Energy Charges under this part will apply until they have taken service for a period of 12 consecutive months.

   Energy Charge:

   First 14,800 kW.h of energy consumption in the Billing Period
   @ Tier 1 rate of 11.14 ¢ per kW.h.

   All additional kW.h of energy consumption in the Billing period
   @ Tier 2 rate of 5.36 ¢ per kW.h.

2. Energy Charge – Customers with HBLs

Energy Charges will be determined under this part for:

1. Customers for whom HBLs were determined by BC Hydro in accordance with the Special Conditions below at the time they commenced taking service under this rate schedule, and
2. Customers for whom HBLs were determined by BC Hydro in accordance with the Special Conditions below after completion of 12 consecutive months of service under this rate schedule.

The Energy Charge is the Part 1 Energy Charge plus any additional charges or minus any credits determined under the Part 2 Energy Charge/Credit below.

Part 1 Energy Charge

The following rates are applied to the Customer's BBL for the Billing Period:

First 14,800 kW.h of the BBL for the Billing Period @ the Tier 1 rate of 11.14 ¢ per kW.h.

Additional kW.h of BBL for the Billing Period @ the Tier 2 rate of 5.36 ¢ per kW.h.

Part 2 Energy Charge/Credit

The determination of the Part 2 Energy Charge/Credit depends on whether energy consumption in the Billing Period is greater or less than the Customer's BBL for the Billing Period.

Consumption greater than BBL

For purposes of the following calculations, the difference between the BBL and the energy consumption for the Billing Period is defined as the "Consumption Greater Than Baseline".

Charge is based on the following three steps:

1. The marginal cost based energy rate of 10.09 ¢ per kW.h is applied to Consumption Greater Than Baseline subject to a maximum of 20% of the BBL.

2. Tier 1 rate of 11.14 ¢ per kW.h is applied to the lesser of:

   (a) the remaining portion of the Consumption Greater Than Baseline (if any) following step 1 above, and

   (b) that portion of the Consumption Greater Than Baseline which is equal to 14,800 kW.h minus 120% of the BBL (but if 14,800 kW.h minus 120% of the BBL would produce a negative number, the result shall be deemed to be zero).

3. Tier 2 rate of 5.36 ¢ per kW.h is applied to the remaining portion of the Consumption Greater Than Baseline (if any) following steps 1 and 2 above.

Consumption less than BBL

For purposes of the following calculations, the difference between the BBL and the energy consumption for the Billing Period is defined as the "Consumption Less Than Baseline".

Credit is based on the following three steps:

1. The marginal cost based energy rate of 10.09 ¢ per kW.h is applied to the Consumption Less Than Baseline subject to a maximum of 20% of the BBL.

2. Tier 2 rate of 5.36 ¢ per kW.h is applied to the lesser of:

   (a) the remaining portion of the Consumption Less Than Baseline (if any) following step 1 above, and

   (b) that portion of the Consumption Less Than Baseline which is equal to 80% of the BBL minus 14,800 kW.h (but if 80% of the BBL minus 14,800 kW.h would produce a negative number, the result shall be deemed to be zero).

3. Tier 1 rate of 11.14 ¢ per kW.h is applied to the remaining portion of the Consumption Less Than Baseline (if any) following steps 1 and 2 above.

Minimum Energy Charge (Applicable to Energy Charge 2.):

The Minimum Energy Charge is the minimum energy rate of 3.43 cents per kW.h multiplied by the total energy consumption in the Billing Period. The Minimum Energy Charge applies only when the average energy rate in a Billing Period (the Energy Charge 2. divided by total energy consumption in the Billing Period) is less than the minimum energy rate.

4. Migration Rule

4.1 Customers taking service at Medium General Service rates (rate schedules 1500, 1501, 1510 or 1511) will be moved to service at Large General Service rates (rate schedules 1600, 1601, 1610 or 1611) if the Customers' Billing Demand in any 6 of the most recent 12 Billing Periods was equal to or greater than 150 kW, or if the Customers' energy consumption was in excess of 550,000 kW.h in any 12 consecutive month period.

4.2 Customers taking service at Large General Service rates (rate schedules 1600, 1601, 1610 or 1611) will be moved to service at Medium General Service rates (rate schedules 1500, 1501, 1510 or 1511) if the Customers' Billing Demand in each of the 12 most recent consecutive Billing Periods was less than 100 kW and energy consumption in the 12 month period which corresponds to those Billing Periods was less than 400,000 kW.h.

5. Application for Prospective Growth

The rates prescribed in this schedule, in regard to a specific customer, are subject to Electric Tariff Supplement No. 82 – Rules for LGS Prospective Growth Applications.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

ACCEPTED:

ORDER NO.

COMMISSION SECRETARY

SCHEDULE 1401 – IRRIGATION

Availability: For motor loads of 746 watts or more used for irrigation and outdoor sprinkling where electricity will be used principally during the Irrigation Season as defined below. Supply is 60 hertz, single or three phase at the secondary or primary potential available. BC Hydro reserves the right to determine the potential of the service connection.

Applicable in: Rate Zone I and Rate Zone IB.

Rate: During the Irrigation Season

5.37 ¢ per kW.h.

During the Non-Irrigation Season

First 150 kW.h	@ 5.37 ¢ per kW.h
All additional kW.h	@ 42.60 ¢ per kW.h.

Minimum Charge: During the Irrigation Season

$5.37 per kilowatt of connected load per month for a period of eight months commencing in March in any year whether consumption is registered or not.

During the Non-Irrigation Season

(i) Where the consumption is 500 kW.h or less, Nil.

(ii) Where the consumption is more than 500 kW.h, $42.97 per kilowatt of connected load.

Discount for Ownership of Transformers: A discount of 25¢ per month per kW of connected load shall be applied to the above rate if a Customer supplies the transformation from a primary potential to a secondary potential. The Billing Code for Schedule 1401 Customers eligible for the Discount for Ownership of Transformers shall be Schedule 1402.

Irrigation Season: In respect of each service - the period commencing with a meter reading on or about 1 March in any year, with a mid-season meter reading on or about 31 July, and ending with a meter reading on or about 31 October in that same year. BC Hydro may, in its discretion extend the aforesaid period by postponing the termination date to any date not later than 30 November, for the sole purpose of permitting a Customer to fill reservoirs necessary for the operation of the irrigation or sprinkling system.

ACCEPTED:_____

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Non-Irrigation Season:	The period commencing at the end of one Irrigation Season and terminating at the beginning of the next Irrigation Season.
Special Conditions:	1. No equipment which has been served with electricity under this rate schedule shall be served with electricity under any other rate schedule while the Customer's agreement for service under this rate schedule is in force. 2. Normally the service will be energized during the Non-Irrigation Season, but will be disconnected if a Customer so requests. 3. The Minimum Charge during the Irrigation Season shall commence in March for an account which has not been terminated by the Customer, whether or not the service is energized and will be billed in two installments, at the end of July and at the end of October.
Billing:	1. For the Irrigation Season, a bill will be rendered following the July and October meter readings. The first bill will be the greater of the energy charge or the Minimum Charge for the period 1 March to 31 July. The second bill will be the greater of the energy charge for the season or the Minimum Charge for the season, less payment received for the first billing charges. 2. For the Non-Irrigation Season a bill will be rendered following the March meter reading provided that there is registered consumption.
Note:	If a motor is rated in horsepower, the conversion factor from horsepower to kilowatts shall be: 1 horsepower = 0.746 kilowatts
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1701 – OVERHEAD STREET LIGHTING

Availability: For lighting of public highways, streets and lanes in cases where the BC Hydro owns, installs and maintains the fixtures, conductors, controls and poles.

Applicable in: Any area served by suitable overhead distribution lines.

Rate: Per fixture per month as hereunder:

100 watt H.P. Sodium Vapour Unit	$17.21
150 watt H.P. Sodium Vapour Unit	$20.52
200 watt H.P. Sodium Vapour Unit	$23.69
*175 watt Mercury Vapour Unit	$18.91
*250 watt Mercury Vapour Unit	$21.79
*400 watt Mercury Vapour Unit	$28.09

Wattages are lamp watts.

* Note Special Condition No. 2.

Special Terms and Conditions:

1. Connection Charge

   No charge will be made for Service Connections.

2. Mercury Vapour

   Mercury vapour fixtures are no longer available for new installations.

3. Extension Policy

   BC Hydro will construct a distribution extension if required by the applicant in accordance with the Terms and Conditions of the Electric Tariff as applicable.

   When, at the Customer's request, a new fixture replaces an existing fixture, the Customer shall pay to BC Hydro the original cost of the existing fixture, less any accumulated depreciation, and the cost of removing the existing fixture.

4. Relocation and Redirection of Fixtures

   The Customer shall pay the full cost of relocating or redirecting fixtures when the change is made at the request of the Customer.

5. Design

   BC Hydro will design the installation of overhead street lighting fixtures.

6. Lamps Failing to Operate

   BC Hydro will, without charge, replace lamps or components which fail to operate, unless breakage is the reason for such failure in which case the Customer shall be charged the cost of the material required to make the fixture operate.

7. Contract Period

   The term of the initial contract shall be not more than five years, renewal periods shall be for five years.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

SCHEDULE 1702 – PUBLIC AREA ORNAMENTAL STREET LIGHTING

Availability: For lighting of public highways, streets and lanes and municipal pathways and for public area seasonal lighting displays, in those cases where the Customer owns, installs and maintains the standards, fixtures, conductors and controls.

Applicable in: All Rate Zones.

Rate:

For each unmetered fixture:	3.31¢ per watt per month.
For each metered fixture:	9.93¢ per kWh

For fixtures without dimming controls the number of watts per fixture include the wattage of the lamp and, where applicable, the ballast.

For fixtures with dimming controls the number of watts per fixture includes the wattage of the lamp and, where applicable, the wattage of the ballast multiplied by the ratio of Billable Wattage After Dimming to Billable Wattage Before Dimming.

The Billable Wattage is the sum of all wattage, on all fixtures, used by a customer. It depends both on the number of fixtures in use and the actual output wattages (bulb plus ballast) of each light. For a customer that has implemented dimming technology, the Billable Wattage will reflect the lower output wattages that result from dimming.

Special Terms and Conditions:

1. Service Connection

   Where necessary BC Hydro will provide an overhead or underground Service Connection in accordance with the Terms and Conditions of the Electric Tariff. No Service Connection shall be made to add any ornamental street lighting system which does not provide for eight or more street lighting fixtures except that, if the potential is 120/240 volts then, at B.C Hydro's discretion, a Service Connection may be made for a system of less than eight.

   Receptacle loads will be permitted for service under this rate schedule provided that such receptacles are used predominantly for seasonal lighting displays, meaning that no more than 10% of the usage may be for other purposes.

6. Unmetered Service

   (a) BC Hydro may permit unmetered service under this rate schedule if it can estimate to its satisfaction the energy used in kilowatt hours over a period of one month based on the connected load and hours of use.

   (b) The Customer shall notify BC Hydro immediately of any proposed or actual change in load, or load characteristics, or hours of use.

   (c) BC Hydro, in its discretion, may at any time install a meter or meters and thereafter bill the Customer on the consumption registered.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

SCHEDULE 1703 – STREET LIGHTING SERVICE

Availability: For lighting of public highways, streets and lanes in those cases where the Customer owns, installs and maintains the fixtures, conductors and controls on poles of BC Hydro. Available only to Customers formerly taking service on Rate Schedules 1755, 1756, 1757, 1758, 1759 or 1767, to the City of New Westminster in respect of a portion of D.L. 172, to the Municipality of Sparwood and to the City of Vancouver.

Applicable in: The Cities of Victoria and Prince Rupert, the Municipalities of Oak Bay, Esquimalt, Saanich and Central Saanich, the Village of Sidney, the unorganized areas of Port Renfrew and Shawnigan Lake, a portion of D.L. 172 in the City of New Westminster, Natal and the City of Vancouver.

Rate: The rate shall consist of two components:

(a) An energy charge of 3.31 ¢ per watt per month,

plus

(b) A contact charge of 99.84 ¢ per contact per month.

With respect to the Energy Charge - the number of watts per fixture include the wattage of the lamp and where applicable the ballast.

With respect to the Contact Charge - this is a charge per fixture for the use of pole space.

For fixtures without dimming controls the Billable Wattage is equal to the number of watts per fixture including the wattage of the lamp and, where applicable, the ballast.

For fixtures with dimming controls the number of watts per fixture includes the wattage of the lamp and, where applicable, the wattage of the ballast multiplied by the ratio of Billable Wattage After Dimming to Billable Wattage Before Dimming.

The Billable Wattage is the sum of all wattage, on all fixtures, used by a customer. It depends both on the number of fixtures in use and the actual output wattages (bulb plus ballast) of each light. For a customer that has implemented dimming technology, the Billable Wattage will reflect the lower output wattages that result from dimming.

Special Terms and Conditions:

1. Extension Policy

No extensions will be made to serve street lights under this schedule.

2. Power Factor

All installations of mercury vapour, sodium vapour or fluorescent lamps shall be equipped with the necessary auxiliaries to assure that a power factor of not less than 90% lagging shall be maintained.

3. Contract Period

The term of the initial contract shall be not more than five years; renewal periods shall be for five years.

4. Fixtures with Automated Dimming Controls

The following special terms and conditions apply to lighting fixtures fitted with dimming controls:

a. For purposes of this part "dimming controls" means control units or fittings attached to or forming part of a street lighting fixture capable of being programmed or remotely operated so as to reduce the lumens output of the lamps during specified hours each day while the lamps are in operation. The reductions may vary according to the hours of the day, the days of the week, and the seasons of the year.

b. A Customer wishing to have fixtures with dimming controls separately rated under this rate schedule must submit a Dimming Schedule satisfactory to BC Hydro listing each light fixture fitted with dimming controls, the wattage of the fixture (including the lamp and, where applicable, the ballast), the dimming control setting or settings and the hours each day that the dimming control setting or settings will be in operation.

Whenever the Customer wishes to make changes in the lighting fixtures listed in the Dimming Schedule or in the dimming control settings or hours of operation, the Customer shall submit an updated Lighting Fixture Schedule to BC Hydro listing any changes. Changes will be permitted on a semi-annual basis (twice per year).

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

ACCEPTED:_____

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SCHEDULE 1704 – TRAFFIC CONTROL EQUIPMENT

Availability: For traffic signals, traffic signs and traffic warning devices, and other equipment for controlling or directing vehicular or pedestrian traffic on public highways. For cases where the Customer installs, owns and maintains the standards, fixtures, wiring, controls and associated equipment.

Applicable in: All Rate Zones.

Rate: 9.93¢ per kW.h.

Special Terms and Conditions:

1. Service Connections

   Where necessary BC Hydro will provide an overhead or underground Service Connection in accordance with the Terms and Conditions of the Electric Tariff as applicable to "Service Connections".

2. Unmetered Service

   (a) BC Hydro may permit unmetered service under this rate schedule if it can estimate to its satisfaction the energy used in kilowatt hours over a period of one month based on the connected load and hours of use.

   (b) The Customer shall notify BC Hydro immediately of any proposed or actual change in load, or load characteristics, or hours of use.

   (c) BC Hydro, in its discretion, may at any time install a meter or meters and thereafter bill the Customer on the consumption registered.

3. Contract Period

   The term of the initial contract shall not be more than five years; renewal periods shall be for five years.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1755 – PRIVATE OUTDOOR LIGHTING (CLOSED)

Availability: For outdoor lighting service to illuminate property other than public streets or lanes, herein referred to as private property, where service is provided from dusk to dawn and the supply is single phase, 60 hertz at the secondary potential available.

This schedule is available only in Premises served under this schedule on 1 January 1975 and only with respect to lights served under this rate schedule on 1 January 1975 and continuously thereafter, except BC Hydro may replace a Mercury Vapour Unit with a High Pressure Sodium Unit having approximately the same equivalent light output.

Applicable in: All Rate Zones.

Rate: Per fixture per month as hereunder:

1. Where a light is mounted on a pole which was installed by the Customer or by BC Hydro at the Customer's expense:

175 watt Mercury Vapour Unit	$16.13
or replacement	
100 watt H.P. Sodium Vapour Unit	
400 watt Mercury Vapour Unit	$27.80
or replacement	
150 watt H.P. Sodium Vapour Unit	

2. Where a light is mounted on a pole which is on public property, or an easement, and is part of BC Hydro's distribution system:

175 watt Mercury Vapour Unit	$17.13
or replacement	
100 watt H.P. Sodium Vapour Unit	
400 watt Mercury Vapour Unit	$28.81
or replacement	
150 watt H.P. Sodium Vapour Unit	

3. Where a light is mounted on a pole which was installed on the Customer’s property by BC Hydro, at its expense, solely for the purpose of supporting the light:

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175 watt Mercury Vapour Unit or replacement 100 watt H.P. Sodium Vapour Unit	$21.09
400 watt Mercury Vapour Unit or replacement 150 watt H.P. Sodium Vapour Unit	$33.20

except that if two or more lights are mounted at one time on the same pole the rates for the additional light or lights shall be as set out under Item 1 above.

Special Conditions:

1. BC Hydro shall provide and install:
   (a) an outdoor light consisting of luminaire, mast arm, ballast, lamp and photo-electric control, and
   (b) not more than one span of overhead secondary conductors per light.
2. The Customer will be required to contribute the estimated cost of any plant required to make secondary potential available at a point not more than one span from the light; such contribution is not subject to refund.
3. BC Hydro reserves the sole right to determine whether or not a light shall be installed on a pole which is part of BC Hydro's distribution system.
4. The prior approval of BC Hydro is required if a Customer intends to install his own poles, and such poles shall be maintained to BC Hydro's satisfaction at the Customer's expense.
5. BC Hydro will maintain all equipment owned by BC Hydro and will replace lamps which have failed. Any breakage will be repaired by BC Hydro at the Customer's expense.
6. The initial contract period shall be three years and thereafter service shall be provided from month to month.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1823 – TRANSMISSION SERVICE – STEPPED RATE

Availability: For all purposes. Supply is at 60,000 volts or higher. Customers being supplied with electricity under Schedule 1825 (Transmission Service Time-of-use) may only revert to service under this Schedule as permitted under Schedule 1825.

Applicable in: Rate Zone 1 excluding the Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.

Rate: Demand Charge: $7.635 per kV.A of Billing Demand per Billing Period.

Plus

Energy Charge:

A. For new Customers and Customers that do not have a CBL by Order of the British Columbia Utilities Commission:

4.475 ¢ per kW.h for all kW.h per Billing Period

This rate will apply until the Customer has been supplied with Electricity under this Schedule for 12 Billing Periods or other period with the approval of the British Columbia Utilities Commission, after which the Customer will be supplied with Electricity at the Rate specified in Part B below.

B. For Customers with a CBL:

3.981 ¢ per kW.h applied to all kW.h up to and including 90% of the Customer's CBL in each Billing Year.

8.920¢ per kW.h applied to all kW.h above 90% of the Customer's CBL in each Billing Year.

Note: Customers previously supplied with electricity under Schedule 1825 will be subject to the rates in Part B above from the time the Customer commences taking service under this Schedule.

Billing Year: The Billing Year is the 12 billing month period starting with the first day of the Billing Period which commences nearest to April 1st in each year, and ending on the last day of the 12th Billing Period thereafter.

ACCEPTED:_____

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Billing Demand:	The Demand for billing purposes shall be: 1. the highest kV.A Demand during the High Load Hours (HLH) in the Billing Period; or 2. 75% of the highest Billing Demand for the Customer's Plant in the immediately preceding period of November to February, both months included; or 3. 50% of the Contract Demand stated in the Electricity Supply Agreement for the Customer's Plant, whichever is the highest value, provided that for new Customers the Billing Demand for the initial 2 Billing Periods shall be the average of the daily highest kV.A Demands for the Customer's Plant. The HLH period is defined as the hours from 06:00 to 22:00 Monday to Saturday, except for Statutory Holidays. The LLH period is defined as all other hours. Statutory Holidays for the purpose of this Schedule are New Year's Day, Family Day, Good Friday, Victoria Day, Canada Day, B.C. Day, Labour Day, Thanksgiving Day, Remembrance Day and Christmas Day.
Monthly Minimum Charge:	$7.635 per kV.A of Billing Demand
Customer Baseline Load:	The Customer Baseline Load (CBL) is the Customer's historic annual energy consumption in kW.h as approved by the British Columbia Utilities Commission. The Customer's CBL will initially be determined by BC Hydro, and be subject to revision from time to time, in accordance with the criteria and procedures set forth in BC Hydro's "Customer Baseline Load (CBL) Determination Guidelines". All CBLs will be subject to final approval of the British Columbia Utilities Commission.
Aggregation of Customer Baseline Load:	A Customer having two or more operating plants may elect to have a single aggregated CBL determined for all or any combination of its operating plants in accordance with the CBL Determination Guidelines. Thereafter, BC Hydro will issue a single bill for all operating plants included in the aggregation, and the energy charge payable will be determined on the basis of the aggregated CBL. However, the Demand Charge will continue to be determined separately for each operating plant.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

Special Conditions:

The following Special Conditions are applicable to this Schedule:

1. If any initial, revised, or aggregate CBL for a Customer has not been determined by BC Hydro and approved by British Columbia Utilities Commission by the time the CBL would become effective, BC Hydro may determine the CBL on an interim basis, and apply the CBL so determined for purposes of any Billing Periods and bills rendered to the Customer until such time as the CBL has been finally determined and approved by the British Columbia Utilities Commission, whereupon BC Hydro will make any necessary billing adjustments.
2. If a Customer taking service at the rates in Part B of the Energy Charge rate section above terminates service under this Schedule prior to the end of a Billing Year, the Customer's CBL or aggregate CBL will be prorated for the portion of the Billing Year during which the Customer was taking service, and the prorated CBL or aggregate CBL will be used for purposes of applying the rates in Part B to all electricity consumption during the Billing Year up to the time of termination. BC Hydro will make any necessary billing adjustments and bill the Customer for the difference (if any) owing.

Taxes: The rates and minimum charge contained herein are exclusive of the Goods and Services tax and Social Services tax.

Note: The terms and conditions under which transmission service is supplied are contained in Electric Tariff Supplements 5 and 6.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

ACCEPTED:_____

ORDER NO._____

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SCHEDULE 1825 – TRANSMISSION SERVICE – TIME-OF-USE (TOU) RATE

Availability: For Customers who provide notice by February 15th of each year and who at the time of application are eligible to take service under Schedule 1823 (Stepped Rate) at the energy charge rates set out in Part B of the Rate section of that Schedule, and who have entered into a TOU (Transmission Service) Agreement by March 15th of that year. Customers will start service under Schedule 1825 as of the Billing Period that starts closest to April 1st.

Applicable in: Rate Zone 1 excluding the Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.

Rate: Demand Charge: $7.635 per kV.A of Billing Demand per Billing Period

Billing Demand: The Demand for billing purposes shall be:

1. the highest kV.A Demand during the High Load Hours (HLH) in the Billing Period; or
2. 75% of the highest Billing Demand for the Customer's Plant in the immediately preceding period of November to February, both months included; or
3. 50% of the Contract Demand stated in the Electricity Supply Agreement for the Customer's Plant,

whichever is the highest value.

The HLH period is defined as the hours from 06:00 to 22:00 Monday to Saturday, except for Statutory Holidays.

The LLH period is defined as all other hours.

Statutory Holidays for the purpose of this Schedule are New Year's Day, Family Day, Good Friday, Victoria Day, Canada Day, B.C. Day, Labour Day, Thanksgiving Day, Remembrance Day and Christmas Day.

ACCEPTED:_____

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Energy Charge: Winter HLH Period

3.981¢ per kW.h applied to all kW.h up to and including 90% of the Customer's Winter HLH Period CBL.

9.953¢ per kW.h applied to all kW.h above 90% of the Customer's Winter HLH Period CBL.

The Winter Period is the 4 Billing Periods starting with the first day of the Billing Period which commences nearest to November 1st each year and ending on the last day of the 4th Billing Period thereafter.

Winter LLH Period

3.981¢ per kW.h applied to all kW.h up to and including 90% of the Customer's Winter LLH Period CBL.

9.021¢ per kWh applied to all kW.h above 90% of the Customer's Winter LLH Period CBL.

The Winter Period is the 4 Billing Periods starting with the first day of the Billing Period which commences nearest to November 1st each year and ending on the last day of the 4th Billing Period thereafter.

Spring Period

3.981¢ per kW.h applied to all kW.h up to and including 90% of the Customer's Spring Period CBL.

8.034¢ per kW.h applied to all kW.h above 90% of the Customer's Spring Period CBL.

The Spring Period is the 2 Billing Periods starting with the first day of the Billing Period which commences nearest to May 1st each year and ending on the last day of the 2nd Billing Period thereafter.

Remaining Period

3.981¢ per kW.h applied to all kW.h up to and including 90% of the Customer's Remaining Period CBL applicable.

8.810¢ per kW.h applied to all kW.h above 90% of the Customer's Energy CBL applicable in the Billing Period.

Utilities Commission by the time the CBL would become effective, BC Hydro may determine the CBL on an interim basis, and apply the CBL so determined for purposes of any Billing Periods and bills rendered to the Customer until such time as the CBL has been finally determined and approved by the British Columbia Utilities Commission, whereupon BC Hydro will make any necessary billing adjustments.

3. In accordance with the TOU (Transmission Service) Agreement, the Customer will have a period of 30 days following approval of the Customer's initial CBL by the British Columbia Utilities Commission within which the Customer may, by written notice to BC Hydro, withdraw from taking service under this Schedule, and revert to taking service under Schedule 1823 (Stepped Rate) instead. This right of withdrawal is available only when the Customer first subscribes to take service under this Schedule, and is applicable only in respect of the initial CBL determination. If the Customer exercises this right of withdrawal Schedule 1823 will apply from the commencement of the Billing Year, and BC Hydro will make any necessary billing adjustments.

Taxes:

4. Customers taking service under Schedule 1852 may not also take service under this Schedule.

Note: The rate charges contained herein are exclusive of the Goods and Services tax and Social Services tax.

The terms and conditions under which service is supplied are contained in the Electricity Supply Agreement (Electric Tariff Supplement 5) as amended by the TOU (Transmission Service) Agreement (Electric Tariff Supplement 72).

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1827 – TRANSMISSION SERVICE – RATE FOR EXEMPT CUSTOMERS

Availability:	For all purposes. Supply is at 60,000 volts or higher. Only for City of New Westminster and University of British Columbia and other Customers exempted from Rate Schedule 1823 by the British Columbia Utilities Commission.
Applicable in:	Rate Zone 1 excluding the Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.
Rate:	Demand Charge: $7.635 per kV.A of Billing Demand per Billing Period. Plus Energy Charge: 4.475 ¢ per kW.h for all kW.h in a Billing Period.
Billing Demand:	The Demand for billing purposes shall be: 1. the highest kV.A Demand during the High Load Hours (HLH) in the Billing Period; or 2. 75% of the highest Billing Demand for the Customer's Plant in the immediately preceding period of November to February, both months included; or 3. 50% of the Contract Demand stated in the Electricity Supply Agreement for the Customer's Plant, whichever is the highest value. The HLH period is defined as the hours from 06:00 to 22:00 Monday to Saturday, except for Statutory Holidays. The LLH period is defined as all other hours. Statutory Holidays for the purpose of this Schedule are New Year's Day, Family Day, Good Friday, Victoria Day, Canada Day, B.C. Day, Labour Day, Thanksgiving Day, Remembrance Day and Christmas Day.
Monthly Minimum Charge:	$7.635 per kV.A of Billing Demand

ACCEPTED:_____

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Taxes:	The rates and minimum charge contained herein are exclusive of the Goods and Services tax and Social Service tax.
Note:	The terms and conditions under which transmission service is supplied are contained in Electric Tariff Supplements 5 and 6.
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

ACCEPTED:

ORDER NO.

COMMISSION SECRETARY

Excess Demand Charge

$7.635 per kV.A of metered kV.A Demand in excess of the Maximum Demand Level during the Low Load Hours is applicable to this Rate Schedule,

where:

"Maximum Demand Level" means the Maximum Demand Level(s) stated in the Modified Demand Agreement. For a Customer referred to in item (i) of the definition of High Load Hours, separate Maximum Demand Levels will be stated for (i) the Low Load Hours from 10:00 hours to 16:00 hours Monday to Friday, except for Statutory Holidays, and (ii) all other Low Load Hours. For a Customer referred to in item (ii) of the definition of Low Load Hours, a single Maximum Demand Level will be stated for all Low Load Hours.

The highest Maximum Demand Level will not exceed 95% of Contract Demand stated in the Customer's Electricity Supply Agreement, and is subject to local transmission availability.

Special Conditions:

1. The provisions of Rate Schedule 1823 and the ESA continue to apply, except to the extent necessary to avoid conflict with this Rate Schedule and the Modified Demand Agreement. In the case of conflict between this Schedule or the Modified Demand Agreement and Rate Schedule 1823 and the ESA, the provisions of this Schedule and the Modified Demand Agreement shall govern.

2. Upon two occurrences of the following:

   If for any Billing Period the total energy consumed under RS1852, during the LLH, is greater than the LLH CBL Energy by 10% or more,

   The highest kV.A demand in the Billing Period during the High Load Hours (HLH) will be adjusted by a factor of the ratio of the average monthly LLH energy of the two Billing Periods which satisfied the condition above over the LLH CBL Energy. The adjustment of the highest kV.A demand will be in effect starting from the month immediately following the month of the second occurrence and continue for 12 months. The LLH CBL Energy will be recalculated using the consumption history of the most recent

twelve Billing Periods,

where:

"LLH CBL Energy" means the highest monthly energy consumption during the LLH over the last twelve Billing Periods, or an estimate will be made if insufficient data is available.

3. For the purpose of determining the minimum amount of Minimum Reduction, as stated in the Modified Demand Agreement, the general guideline will be 50% of the difference between the Maximum Demand Level and the LLH CBL Demand, but shall be in all cases, no less than 10MW.
4. For the purpose of determining the Maximum Number of Demand Reduction Transactions, as stated in the Modified Demand Agreement, the Maximum Duration multiplied by the Maximum Number of Demand Reduction Transactions shall be at least 48 hours.

Taxes: The rates contained herein are exclusive of the Goods and Services tax and Social Services tax.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

ACCEPTED:

ORDER NO.

COMMISSION SECRETARY

SCHEDULE 1853 – TRANSMISSION SERVICE – IPP STATION SERVICE

Availability:	For Customers who are Independent Power Producers (IPPs) served at transmission voltage subject to the Special Conditions below.	
Applicable in:	Rate Zone I excluding Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.	
Rate:	Energy Charge:	The sum, over the Billing Period, of the hourly energy consumed multiplied by the entry in the ICE Mid- Columbia (Mid-C) Peak, and Mid-C Off-Peak weighted average index price as published by ICE in the ICE Day Ahead Power Price Report that corresponds to the time when consumption occurred, during that hour.
Minimum Monthly Charge:	$43.02	
Special Conditions:	BC Hydro agrees to provide Electricity under this Schedule to the extent that it has energy and capacity to do so. BC Hydro may, without notice to the Customer, terminate the supply of Electricity under this Schedule if at any time BC Hydro does not have sufficient energy or capacity. Prior to taking Electricity under this Schedule, the Customer may be required to obtain approval from BC Hydro. BC Hydro will advise the Customer of the need to obtain approval prior to the taking of energy under this Schedule. Electricity taken under this Schedule is to be used solely for maintenance and black-start requirements and shall not displace Electricity that would normally be generated by the Customer.	
Taxes:	The rates and minimum charge contained herein are exclusive of the Goods and Services tax and the Social Services tax.	
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.	
Interim Rate Increase:	Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.	

ACCEPTED:_____

ORDER NO._____ _____
COMMISSION SECRETARY

SCHEDULE 1880 – TRANSMISSION SERVICE – STANDBY AND MAINTENANCE SUPPLY

Availability: For Customers supplied with Electricity under Schedules 1823, 1825, 1827, and 1852 subject to the Special Conditions below.

Applicable in: Rate Zone I excluding the Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.

Rate: The Rate per Period of Use shall be:

Administrative Charge:

$150.00 per Period of Use

Energy Charge:

For each hour during the Period of Use the Energy Charge is the Schedule 1880 Energy metered consumption (in kW.h) multiplied by 8.920¢ per kW.

Period of Use: A period of consecutive hours during which Electricity is taken under this Schedule which may extend into subsequent Billing Periods. The Period of Use is as defined by the Customer when making the request to BC Hydro for service under Schedule 1880.

Reference Demand: The HLH Reference Demand is defined as the highest kV.A Demand in the HLH for the current Billing Period prior to the Period of Use excluding any prior Period of Use. If the Period of Use extends over an entire Billing Period, the highest kV.A Demand in the HLH from the prior Billing Period will be used in determining the HLH Reference Demand, excluding any Period of Use in the prior Billing Period.

For the purpose of the Reference Demand, the HLH periods are as defined per Schedule 1823, 1825, 1827 or 1852, whichever is applicable.

Schedule 1880 Energy Determination: During the HLH periods, on an hourly basis, the kW.h consumption which exceeds the HLH High kW.h/hr within the Period of Use, or portion thereof.

The HLH High kW.h/hr is defined as the product of the HLH Reference Demand multiplied by the Power Factor for the half hour when the HLH Reference Demand occurred.

5. In addition to the charges specifically set out in this Schedule, the Customer shall pay for any additional facilities required to deliver Electricity under this Schedule provided that BC Hydro obtains the prior consent of the Customer for construction of the additional facilities.
6. A Customer may be required to allow BC Hydro to install metering and communication equipment to measure the electricity output of the Customer's self-generation unit.
7. BC Hydro will bill for Electricity taken under Schedule 1880 at the same time it bills for Electricity taken under Schedule 1823, 1825, 1827 or 1852, whichever is applicable.

Taxes: The rates contained herein are exclusive of the Goods and Services tax and the Social Services tax.

Note: The terms and conditions under which transmission service is supplied are contained in Electric Tariff Supplements 5 and 6.

Rate Rider: The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

Interim Rate Increase: Effective April 1, 2016 the Energy Charge under these schedules includes an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 1891 – SHORE POWER SERVICE (TRANSMISSION)

Availability	For the supply of Shore Power to Port Customers served at Transmission Service for use by Eligible Vessels while docked at the Port Customer's Port Facility. Shore Power Service is supplied at 60,000 volts or higher.
Applicable in:	Rate Zone 1
Rate:	Administrative Charge: $150.00 per month Plus Energy Charge: 8.920 ¢ per kW.h
Special Conditions:	1 BC Hydro agrees to provide Electricity under this Rate Schedule to the extent that it has energy and capacity to do so. BC Hydro may refuse service under this Rate Schedule in circumstances where BC Hydro does not have sufficient energy or capacity. For greater certainty, BC Hydro shall not be required to construct a System Reinforcement under Electric Tariff Supplement No. 6 to provide Shore Power Service under this Rate Schedule. 2 The terms and conditions under which Shore Power Service is supplied are contained in the Shore Power Service Agreement (Electric Tariff Supplement No. 86). The Port Customer shall pay to BC Hydro the charges set out in this Rate Schedule in addition to any charges set out in the Shore Power Service Agreement.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

SCHEDULE 2600, 2601, 2610, 2611 – LARGE GENERAL SERVICE (150 KW AND OVER) FOR DISTRIBUTION UTILITIES

Availability: For Customers who qualify for General Service and (i) whose Billing Demand (determined under the Special Conditions below) is equal to or greater than 150 kW, or whose energy consumption in any 12 month period is greater than 550,000 kWh; (ii) who re-sell the electricity purchased from BC Hydro under this rate schedule at rates that are designed to and will reduce the electricity consumption of the customers of the Customer; (iii) who are public utilities regulated by the British Columbia Utilities Commission in regard to the re-sale of electricity purchased under this rate schedule; and (iv) who elect service under this rate schedule. Supply is at 60 hertz, single or three phase at secondary or primary potential. BC Hydro reserves the right to determine the potential of the service connection.

Applicable in: Rate Zone I.

Charges: Basic Charge

23.47¢ per day

Demand Charge

First 35 kW of Billing Demand per Billing Period	@ $0.00 per kW
Next 115 kW of Billing Demand per Billing Period	@ $5.72 per kW
All additional kW of Billing Demand per Billing Period	@ $10.97 per kW

Energy Charge

All kWh of energy consumption in the Billing Period @ the rate equal to the sum of:

1. the product of the marginal cost-based energy rate prescribed in the Part 2 Energy Charge/Credit provision of Rate Schedule 1600/1601/1610/1611, and 0.05;

2. the product of 5.52¢ per kWh, and 0.95; and

3. –0.41¢ per kWh.

Metering:	A demand meter will normally be installed. Prior to the installation of such a meter, or if such a meter is not installed, the Billing Demand shall be estimated by BC Hydro.
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	Effective April 1, 2016 the Rates and Minimum Charge under these schedules include an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

ACCEPTED:

ORDER NO.

COMMISSION SECRETARY

SCHEDULE 3808 – TRANSMISSION SERVICE – FORTISBC

Availability:	This schedule is available to FortisBC in accordance with the terms and conditions of the Agreement between BC Hydro and FortisBC entered into and deemed effective the 1st day of July 2014 (the "Power Purchase Agreement"). The Contract Demand shall not exceed 200 MW in any hour.	
Applicable in:	For Electricity delivered to FortisBC at each Point of Delivery as defined in the Power Purchase Agreement.	
Rate:	Demand Charge:	$7.635 per kW of Billing Demand per Billing Month plus
	Tranche 1 Energy Price:	4.475¢ per kW.h
	Tranche 2 Energy Price:	12.97¢ per kW.h

Billing Demand: The Demand for billing purposes in any Billing Month shall be the greatest of:

1. the maximum amount of Electricity (in kW) scheduled under the Power Purchase Agreement, for any hour of the Billing month;
2. 75% of the maximum amount of electricity (in kW) scheduled under the Power Purchase Agreement in any hour in the 11 months of the Term immediately prior to the Billing Month (or less than 11 months, if the Effective Date is less than 11 months prior to the Month); and
3. 50% of the Contract Demand (in kW) for the Billing Month.

If FortisBC has reduced the Contract Demand in accordance with the Power Purchase Agreement, the amount of Electricity specified in Section 2 above may not exceed an amount equal to 100% of the Contract Demand.

Maximum Tranche1 Amount: The Maximum Tranche 1 Amount for each Contract Year is 1,041 GW.h.

Scheduled Energy Less Than or Equal to Annual Energy Nomination: In any Contract Year, for the amount of the Scheduled Energy taken or deemed to be taken that is less than or equal to the Annual Energy Nomination, FortisBC shall pay:

(a) The Tranche 1 Energy Price for each kW.h of such Scheduled Energy taken or deemed taken that is less than or equal to the Maximum Tranche 1 Amount; and

(b) The Tranche 2 Energy Price for each kW.h of such Scheduled Energy taken that exceeds the Maximum Tranche 1 Amount.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

Scheduled Energy Exceeding the Annual Energy Nomination	In any Contract Year, for the amount of the Scheduled Energy taken or deemed to be taken that exceeds the Annual Energy Nomination, FortisBC shall pay: (a) 150% of the Tranche 1 Energy Price, for each kW.h of such Scheduled Energy taken or deemed taken that that exceeds the Annual Energy Nomination, but is less than or equal to the Maximum Tranche 1 Amount; and (b) 115% of the Tranche 2 Energy Price, for each kW.h of such Scheduled Energy taken that exceeds the Annual Energy Nomination and also exceeds the Maximum Tranche 1 Amount.
Annual Minimum Take	In any Contract Year, FortisBC shall schedule and take an amount of Electricity equal to at least 75% of the Annual Energy Nomination, and shall be responsible for any Annual Shortfall.
Note:	The terms and conditions under which service is supplied to FortisBC are contained in the Power Purchase Agreement.
Taxes:	The rates and charges contained herein are exclusive of the Goods and Services tax and the Social Services tax.
Rate Rider:	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
Interim Rate Increase:	The Tranche 1 Energy Price and Demand Charge are subject to the same rate adjustments as Schedule 1827. Tranche 2 Energy Price is subject to changes as provided for in the Power Purchase Agreement. Effective April 1, 2016 the Tranche 1 Energy Price and the Demand Charge under this schedule includes an interim increase of 4.00% before rounding, approved by BCUC Order No. G-XX-XX.

ACCEPTED:_____

ORDER NO._____ _____
COMMISSION SECRETARY

ATTACHMENT H

Annual Transmission Revenue Requirement

for Network Integration Transmission Service

1. The Annual Transmission Revenue Requirement for purposes of the Network Integration Transmission Service shall be $805,500,000.

2. The amount in (1) shall be effective until amended by the Transmission Provider or modified by the Commission.

Effective April 1, 2016, this rate schedule is interim as per BCUC Order No. G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY

Schedule 00

Network Integration Transmission Service

Availability	For wholesale transmission of electricity.
Rate	Monthly Transmission Revenue Requirement: Customers will be charged their load ratio share of one twelfth (1/12th) of the Network Transmission Revenue Requirement per month. The Transmission Revenue Requirement is shown in Attachment H. One-twelfth of the Transmission Revenue Requirement is $67,125,000.
Taxes	The Rate and Charges contained herein are exclusive of applicable taxes.
Note	The terms and conditions under which Network Integration Transmission Service is supplied are contained in BC Hydro's OATT. Capitalized terms appearing in this Schedule, unless otherwise noted, shall have the meaning ascribed to them therein.

Effective April 1, 2016, this rate schedule is interim as per BCUC Order No. G-XX-XX.

ACCEPTED:

ORDER NO.

COMMISSION SECRETARY

Schedule 01

Point-To-Point Transmission Service

Availability	For transmission of electricity on a firm and non-firm basis from one or more Point(s) of Receipt (POR) to one or more Point(s) of Delivery (POD).
Rate for Long-Term Firm Service	The Reserved Capacity Charge for the Long-Term Firm Service Rate will be up to a maximum price as set out below except where the POD is a point of interconnection between the Transmission System and the transmission system of FortisBC Inc., in which case the rate shall be zero ($0.00). The Maximum Reserved Capacity Charge is $69,455/MW of reserved capacity per year to be invoiced monthly. Reserved Capacity Billing Demand The Reserved Capacity Billing Demand is determined for each POR(s), POD(s) pair. The Reserved Capacity for each pair of POR(s) and POD(s) will be the maximum non-coincident sum of the designated POR(s) and POD(s) included in the pair.

ACCEPTED:_____

ORDER NO._____ _____
COMMISSION SECRETARY

Schedule 01 – Point-To-Point Transmission Service (continued)

Rate for Short-Term Firm and Non-Firm Service	The posted prices for Short-Term Firm and Non-Firm Service will be less than or equal to a maximum price ($/MWh) as set out below, except where the POD is a point of interconnection between the Transmission System and the transmission system of FortisBC Inc., in which case the rate shall be zero ($0.00). Maximum Price for: 1. Monthly delivery: $5,787.91/MW of Reserved Capacity per month. 2. Weekly delivery: $1,335.67/MW of Reserved Capacity per week. 3. Daily delivery: $190.29/MW of Reserved Capacity per day. 4. Hourly delivery: $7.93/MW of Reserved Capacity per hour. Discount Rate: For discounted paths posted on the Transmission Provider's OASIS, the Transmission Customer shall pay each month for Reserved Capacity Billing Demand the greater of the rates set forth below and the rate offered by the Transmission Customer and accepted by the Transmission Provider up to the maximum rate for Short-Term Firm and Non-Firm Service: 1. Hourly delivery: $3/MW of Reserved Capacity per hour in the Heavy Load Hour period (06:00-22:00, Monday - Saturday, excluding NERC holidays) and $1/MW of Reserved Capacity per hour for the Light Load Hour period (remaining hours and days). 2. Daily delivery: sum of the hourly delivery charge in the 24 hour period in the day.
Reserved Capacity for Short-Term Firm and Non-Firm Services	The Reserved Capacity shall be the maximum of the sum of non-coincident POD(s) Capacity Reservations or sum of non-coincident POR(s) Capacity Reservations.

ACCEPTED:

ORDER NO.

COMMISSION SECRETARY

Schedule 01 – Point-To-Point Transmission Service (continued)

Penalty Charge	In addition to the applicable rate for service and associated charges for Ancillary Services, a penalty charge will be applied to all unauthorized usage at a rate of 125 percent of the maximum hourly delivery charge.
Special Conditions	Discounts: The following conditions apply to discounts for transmission service: 1. any offer of a discount made by BC Hydro must be announced to all Eligible Customers solely by posting on the OASIS, 2 any customer-initiated requests for discounts (including requests for use by one's wholesale merchant or an affiliate's use) must occur solely by posting on the OASIS, 3. once a discount is negotiated, details must be immediately posted on the OASIS, and 4. for any discount agreed upon for service on a path, from POR(s) POD(s), BC Hydro must offer the same discounted transmission service rate for the same time period to all Eligible Customers on all unconstrained transmission paths that go to the same POD(s) on the Transmission System.
Taxes	The Rate and Charges contained herein are exclusive of applicable taxes.
Resales	The rates and rules governing charges and discounts stated above shall not apply to resales of transmission service, compensation for which shall be governed by section 23.1 of the Tariff
Note	The terms and conditions under which Transmission Service is supplied are contained in BC hydro's Open Access Transmission Tariff. Capitalized terms appearing in this Rate Schedule, unless otherwise noted, shall have the meaning ascribed to them therein.

Effective April 1, 2016, this rate schedule is interim as per BCUC Order No. G-XX-XX.

ACCEPTED:_____

ORDER NO._____

_____
COMMISSION SECRETARY

Schedule 03

Scheduling, System Control, and Dispatch Service

Preamble	This service is required to schedule the movement of power through, out of, within, or into a Control Area. This service can be provided only by the operator of the Control Area in which the transmission facilities used for transmission service are located. Scheduling, System Control and Dispatch Service is to be provided directly by BC Hydro. The Transmission Customer must purchase this service from BC Hydro. The charges for Scheduling, System Control and Dispatch Service are to be based on the rates set forth below.
Availability	In support of Network Integration Transmission Service, Long and Short-Term Firm Point-to-Point Transmission Service, and Non-Firm Point-to-Point Transmission Service.
Rate	$0.099 per MW of Reserved Capacity per hour.
Taxes	The Rate and Charges contained herein are exclusive of applicable taxes.
Note	A description of the methodology for discounting Scheduling, System Control and Dispatch Services provided under this Schedule is contained in Section 3 of the BC Hydro OATT.

Effective April 1, 2016, this rate schedule is interim as per BCUC Order No. G-XX-XX.

ACCEPTED:_____

ORDER NO._____

COMMISSION SECRETARY