



FOR GENERATIONS

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December 14, 2010

Honourable Steve Thomson
Minister of Energy
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Dear Minister Thomson:

**RE: British Columbia Hydro and Power Authority (BC Hydro)
Electricity Rate Comparison Report - Third Annual Report**

BC Hydro is writing to the Minister to submit its Electricity Rate Comparison Annual Report (the **Report**) which provides a comparison of BC Hydro's monthly bills and average prices for residential, commercial and industrial customers with other North American utilities as of April 1, 2010 (**Attachment A**). The Report is now prepared in response to the *Clean Energy Act* section 8 (4), which states that:

"The Authority must provide to the Minister, in accordance with the regulations, an annual report comparing the electricity rates charged by the Authority with electricity rates charged by public utilities in other jurisdictions in North America, including an assessment of the extent to which the Authority's electricity rates continue to be competitive with those other rates."

BC Hydro has adhered to direction provided in the Province of British Columbia's Rate Comparison Regulation (Ministerial Order No. M114, under the *Utilities Commission Act*) (**Attachment B**), under which the Electricity Rate Comparison Report was previously prepared. The Rate Comparison Regulation requires that the Report provide a comparison of BC Hydro's monthly electricity bills with at least one public utility in at least 15 other North American jurisdictions, including the provinces of Alberta, Quebec, Ontario and Manitoba and the states of Washington, Oregon and California. The comparisons would be of the previous year's applicable rates for residential, commercial and industrial customers in Canadian funds. Additionally, BC Hydro would provide its previous five years of applicable rates.

For efficiency and consistency in reported data, the Report consists of information taken from a Hydro-Quebec rate survey report titled "Comparison of Electricity Prices in Major North American Cities" in which BC Hydro participates. The Hydro-Quebec report is prepared each year. Monthly bills and average prices are calculated and submitted to Hydro-Quebec by the participating utilities using the rates that are in place as of April 1 of that current year. As such, some of the rates used may be interim rates that are

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Electricity Rate Comparison Report - Third Annual Report

approved and in effect at that time. The Hydro-Quebec report is typically available in the fall of the same year.

The Report indicates that BC Hydro's monthly bills and average prices are within the top quartile of the utilities surveyed and that BC Hydro rates provide a competitive advantage to customers in British Columbia compared to the other jurisdictions surveyed.

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

Yours sincerely,



Joanna Sofield
Chief Regulatory Officer

dr/af

Enclosure (1)

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Electricity Rate Comparison Annual Report

April 1, 2010 Rates

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Monthly Bills and Average Prices as of April 1, 2010

This is the third Electricity Rate Comparison Annual Report (**Report**) prepared by BC Hydro and the first in response to section 8(4) of the *Clean Energy Act (CEA)*. The Report provides a comparison of BC Hydro's monthly bills and average prices for residential, commercial and industrial customers with other North American utilities, including those in Alberta, Quebec, Ontario, Manitoba, Washington, Oregon and California¹.

Each year BC Hydro participates in a Hydro-Quebec comparison survey, submitting bill calculations based on electricity prices that are in place as of April 1 of the current year, and which may reflect approved interim rate increases. Hydro-Quebec compiles the information and provides the monthly bills and average prices for 12 Canadian utilities and 10 American utilities in an annual report. The BC Hydro Report provides survey information taken from the Hydro-Quebec report: *Comparison of Electricity Prices in Major North American Cities*².

The Hydro-Quebec report provides the monthly bills, excluding taxes and non-utility levies, calculated for specific consumption points for four different customer segments: residential, small power, medium power and large power. The average price is also calculated, for each customer segment and specific consumption point, by dividing the monthly bill by the amount of monthly energy consumption. For example, if an electric bill for 1,000 kWh was calculated to be a monthly amount of \$50, the average price would be \$50 divided by 1,000 kWh, or 5 cents/kWh.

The monthly bills for customers are presented in Tables 1 to 4. The average prices for customers are presented in Tables 5 to 8. BC Hydro's monthly bills and average prices over the past five years are summarized in Tables 9 and 10.

The Hydro-Quebec residential segment includes calculations for BC Hydro's residential customers. The Hydro-Quebec small power segment includes calculations for both BC Hydro's general service (under 35 kW) customers and general service (35 kW and over) customers while the medium power segment includes calculations for BC Hydro's general

¹ Monthly bills and average prices for American utilities have been converted to Canadian dollars using the exchange rate as at 12 PM Eastern on April 1, 2010 of \$0.9926 CDN per \$1 US.

² http://www.hydroquebec.com/publications/en/comparison_prices/index.html.

service (35 kW and over) customers. Lastly, the Hydro-Quebec large power segment includes calculations for BC Hydro's general service (35 kW and over) customers and transmission service customers. Table 11 shows the specific BC Hydro rate schedules that have been included in each Hydro Quebec segment.

Based on the data from the Hydro-Quebec survey, BC Hydro's monthly bills and average prices for all customer segments are within the top quartile of utilities, with low rates providing a competitive advantage to customers in British Columbia. The rankings of the top five participating utilities with the lowest monthly bills and average prices are noted in the tables. BC Hydro's monthly bills and average price rankings in the Hydro-Quebec reporting for April 1, 2010 are as follows:

Residential (Tables 1 and 5):

- 2nd lowest for customers with monthly consumption of 625 kWh;
- 4th lowest for customers with monthly consumption of either 750 kWh, 1,000 kWh or 3,000 kWh;
- 5th lowest for customers with monthly consumption of 2,000 kWh.

Small Power (Tables 2 and 6):

- 3rd lowest for customers with monthly consumption of 2,000 kWh/14 kW;
- 4th lowest for customers with monthly consumption of 750 kWh/6 kW;
- 5th lowest for customers with monthly consumption of 25,000 kWh/100 kW.

Medium Power (Tables 3 and 7):

- 4th lowest for customers with monthly consumption of either 200,000 kWh/500 kW;
- 5th lowest for customers with monthly consumption of either 100,000 kWh/500 kW or 400,000 kWh/1,000 kW.

Large Power (Tables 4 and 8):

- 3rd lowest for customers with monthly consumption of 5,760,000 kWh/10,000 kW;

- 4th lowest for customers with monthly consumption of either 17,520,000 kWh/30,000 kW, 23,400,000 kWh/50,000 kW or 30,600,000 kWh/50,000 kW.

Table 1 Residential Monthly Bills

Hydro-Quebec Electricity Prices Comparison Report – Residential Monthly Bills as of April 1, 2010 CDN \$/Month						
Utility	City	625 kWh	750 kWh	1,000 kWh	2,000 kWh	3,000 kWh
Manitoba Hydro	Winnipeg, MB	(4th) 46.73	(3rd) 54.70	(2nd) 70.84	(1st) 136.54	(1st) 202.24
Hydro-Quebec	Montreal, QC	(3rd) 46.25	(1st) 53.07	(1st) 68.75	(2nd) 143.85	(2nd) 218.95
Seattle City Light	Seattle, WA	(1st) 42.23	(2nd) 53.75	(3rd) 76.77	(4th) 168.86	(5th) 260.94
BC Hydro	Vancouver, BC	(2nd) 45.00	(4th) 55.11	(4th) 77.93	(5th) 169.25	(4th) 260.56
EPCOR Energy	Edmonton, AB	64.74	74.06	92.70	(3rd) 167.27	(3rd) 241.84
Pacific Power and Light	Portland, OR	(5th) 59.07	(5th) 69.87	(5th) 91.46	188.99	286.51
Nashville Electric Service	Nashville, TN	65.42	76.14	97.59	183.37	269.14
Florida Power and Light ²	Miami, FL	60.16	71.00	92.69	199.59	306.48
Enmax	Calgary, AB	73.71	84.63	106.47	193.84	281.21
Newfoundland Power ¹	St. John's, NL	72.83	84.33	107.33	199.31	291.30
Commonwealth Edison ²	Chicago, IL	72.07	84.47	109.28	208.49	307.71
Hydro Ottawa	Ottawa, ON	71.59	83.71	110.05	216.28	322.50
NB Power	Moncton, NB	80.29	92.41	116.63	210.24	302.44
Toronto Hydro	Toronto, ON	79.36	92.31	118.23	225.91	333.59
Nova Scotia Power	Halifax, NS	84.61	99.37	128.88	246.93	364.98
Detroit Edison ²	Detroit, MI	81.93	97.95	129.99	258.15	386.32
SaskPower	Regina, SK	89.35	103.40	131.51	243.93	356.35
CenterPoint Energy ²	Houston, TX	94.58	111.07	144.06	276.01	407.96
Maritime Electric	Charlottetown, PE	110.13	127.25	161.47	298.37	408.87
Boston Edison	Boston, MA	107.52	127.76	168.17	329.87	491.56
Consolidated Edison ²	New York, NY	148.63	175.17	228.23	440.50	652.76
Pacific Gas and Electric ²	San Francisco, CA	133.44	187.06	211.36	668.31	1,169.82

1) Newfoundland Power rates.

2) These bills have been estimated by Hydro-Québec and may differ from actual bills.

NOTE: Bill calculations exclude taxes and levies. BC Hydro's bill calculation includes the rate rider. The top five participating utilities with the lowest monthly bills are ranked in the table above, from lowest to highest.

Table 2 Small Power Monthly Bills

Hydro-Quebec Electricity Prices Comparison Report – Small Power Monthly Bills as of April 1, 2010 CDN \$/Month						
Utility	City	6 kW	14 kW	40 kW	100 kW	100 kW
		750 kWh 17% load factor	2000 kWh 20% load factor	10,000 kWh 35% load factor	14,000 kWh 19% load factor	25,000 kWh 35% load factor
CenterPoint Energy ³	Houston, TX	(1st) 47.95	187.83	(1st) 608.75	(2nd) 1,103.88	(1st) 1,465.77
Seattle City Light	Seattle, WA	(2nd) 48.21	(1st) 128.56	(2nd) 642.79	(1st) 883.58	(2nd) 1,486.06
Manitoba Hydro	Winnipeg, MB	(3rd) 68.95	(2nd) 154.45	(3rd) 701.65	1,419.49	(4th) 1,845.00
BC Hydro	Vancouver, BC	(4th) 69.08	(3rd) 175.16	875.80	1,476.09	(5th) 1,960.88
EPCOR Energy ¹	Edmonton, AB	(5th) 76.43	(5th) 184.22	874.14	(5th) 1,393.97	2,457.06
Hydro-Quebec	Montreal, QC	78.48	188.73	894.33	1,682.80	2,471.50
Florida Power and Light ³	Miami, FL	79.70	200.97	960.59	1,739.39	2,376.63
Pacific Power and Light	Portland, OR	79.90	(4th) 182.71	(5th) 814.99	(4th) 1,344.21	2,000.89
Commonwealth Edison ³	Chicago, IL	80.36	198.87	961.69	1,556.53	2,381.43
Hydro Ottawa	Ottawa, ON	87.66	217.72	1,050.08	2,009.86	2,856.52
Enmax	Calgary, AB	93.10	202.96	(4th) 790.43	(3rd) 1,267.42	(3rd) 1,779.94
Nashville Electric Service	Nashville, TN	98.77	220.76	1,001.54	2,253.12	2,841.77
Newfoundland Power ²	St. John's, NL	99.58	295.12	1,076.60	1,979.75	2,712.60
Detroit Edison ³	Detroit, MI	100.61	249.67	1,142.08	1,588.29	2,815.35
Toronto Hydro	Toronto, ON	100.70	242.56	1,150.23	2,065.24	2,991.51
SaskPower	Regina, SK	102.93	235.70	1,085.43	2,145.07	2,902.50
Nova Scotia Power	Halifax, NS	104.60	252.61	1,271.32	2,256.36	3,178.30
NB Power	Moncton, NB	108.22	254.72	1,209.42	2,104.62	3,018.72
Boston Edison	Boston, MA	138.09	354.84	1,837.84	3,546.39	4,843.11
Pacific Gas and Electric ³	San Francisco, CA	142.71	365.68	1,763.56	2,826.20	4,230.17
Maritime Electric	Charlottetown, PE	149.30	357.17	1,683.67	2,936.67	4,166.47
Consolidated Edison ³	New York, NY	183.74	567.49	2,167.40	3,945.66	5,401.40

1) Bills corresponding to consumption levels of 500 kW or more have been estimated by Hydro-Québec based on the applicable general rate.

2) Newfoundland Power rates.

3) These bills have been estimated by Hydro-Québec and may differ from actual bills.

NOTE: Bill calculations exclude taxes and levies. BC Hydro's bill calculation includes the rate rider. The top five participating utilities with the lowest monthly bills are ranked in the table above, from lowest to highest.

Table 3 Medium Power Monthly Bills

Hydro-Quebec Electricity Prices Comparison Report – Medium Power						
Monthly Bills as of April 1, 2010						
CDN \$/Month						
Utility	City	500 kW 100,000 kWh 28% load factor	500 kW 200,000 kWh 56% load factor	1000 kW 200,000 kWh 28% load factor	1000 kW 400,000 kWh 56% load factor	2500 kW1 1,170,000 kWh 65% load factor
Seattle City Light	Seattle, WA	(1st) 6,060	(3rd) 11,531	(1st) 11,803	(3rd) 22,698	(5th) 66,004
CenterPoint Energy ⁴	Houston, TX	(2nd) 6,362	(1st) 9,652	(2nd) 13,257	(1st) 19,837	(2nd) 58,530
Manitoba Hydro	Winnipeg, MB	(3rd) 7,854	(2nd) 10,904	(4th) 15,533	(2nd) 21,633	(1st) 53,364
Pacific Power and Light	Portland, OR	(4th) 7,929	12,894	(3rd) 15,393	(4th) 24,549	(4th) 65,806
BC Hydro	Vancouver, BC	(5th) 8,163	(4th) 12,250	16,421	(5th) 24,595	66,899
Enmax	Calgary, AB	8,247	(5th) 12,816	(5th) 16,030	25,167	(3rd) 61,645
Newfoundland Power ³	St. John's, NL	10,425	16,519	19,943	32,003	88,088
Commonwealth Edison ⁴	Chicago, IL	10,665	18,164	21,359	36,389	102,912
Florida Power and Light ⁴	Miami, FL	10,720	16,019	21,389	31,988	86,928
EPCOR Energy ²	Edmonton, AB	10,953	19,138	21,347	37,718	101,698
Hydro-Quebec	Montreal, QC	11,165	15,740	22,330	28,972	71,002
Detroit Edison ⁴	Detroit, MI	11,182	17,821	22,337	35,134	89,953
Hydro Ottawa	Ottawa, ON	11,350	19,047	22,449	37,843	111,228
Nashville Electric Service	Nashville, TN	12,356	17,267	24,556	34,377	97,674
Toronto Hydro	Toronto, ON	12,723	21,144	25,169	41,828	117,862
SaskPower	Regina, SK	12,909	18,877	25,776	37,711	92,318
NB Power	Moncton, NB	13,003	21,313	26,003	42,623	120,680
Nova Scotia Power	Halifax, NS	14,181	21,023	28,362	42,046	109,615
Maritime Electric	Charlottetown, PE	17,923	29,103	35,818	58,178	164,409
Pacific Gas and Electric ⁴	San Francisco, CA	19,061	29,124	37,322	56,653	122,222
Boston Edison	Boston, MA	20,035	28,920	39,902	57,672	158,041
Consolidated Edison ⁴	New York, NY	23,320	36,554	46,545	73,013	154,308

1) Supply voltage of 25 kV.

2) Bills corresponding to consumption levels of 500 kW or more have been estimated by Hydro-Québec based on the applicable general rate.

3) Newfoundland Power rates.

4) These bills have been estimated by Hydro-Québec and may differ from actual bills.

NOTE: Bill calculations exclude taxes and levies. BC Hydro's bill calculation includes the rate rider. The top five participating utilities with the lowest monthly bills are ranked in the table above, from lowest to highest.

Table 4 Large Power Monthly Bills

Hydro-Quebec Electricity Prices Comparison Report – Large Power							
Monthly Bills as of April 1, 2010							
CDN \$000/Month							
Utility	City	5,000 kW	5,000 kW	10,000 kW	30,000 kW	50,000 kW	50,000 kW
		2,340,000 kWh 25 kV 65% load factor	3,060,000 kWh 25 kV 85% load factor	5,760,000 kWh 120 kV 80% load factor	17,520,000 kWh 120 kV 81% load factor	23,400,000 kWh 120 kV 65% load factor	30,600,000 kWh 120 kV 85% load factor
Manitoba Hydro	Winnipeg, MB	(1st) 104.7	(1st) 125.4	(1st) 207.8	(1st) 629.6	(1st) 897.3	(1st) 1,085.9
CenterPoint Energy ³	Houston, TX	(2nd) 114.8	(2nd) 138.5	(2nd) 227.6	(2nd) 688.3	(2nd) 955.8	(2nd) 1,192.5
Newfoundland Power ²	St. John's, NL	(3rd) 173.7	(4th) 217.8	(5th) 407.5	(3rd) 706.9	(3rd) 1,010.5	(3rd) 1,218.6
BC Hydro	Vancouver, BC	133.9	162.9	(3rd) 257.0	(4th) 779.3	(4th) 1,101.5	(4th) 1,346.5
Hydro-Quebec	Montreal, QC	(4th) 125.5	(3rd) 147.0	(4th) 267.4	(5th) 809.4	(5th) 1,175.6	(5th) 1,390.9
Enmax	Calgary, AB	122.0	154.3	292.1	886.4	1,216.6	1,540.0
Pacific Power and Light	Portland, OR	(5th) 130.8	(5th) 162.2	296.0	895.4	1,246.2	1,550.7
Seattle City Light	Seattle, WA	132.8	171.2	302.0	918.2	1,235.2	1,601.7
Commonwealth Edison ³	Chicago, IL	205.3	259.4	315.9	908.1	1,258.4	1,574.7
SaskPower	Regina, SK	176.6	216.0	360.2	1,079.1	1,506.0	1,863.7
Florida Power and Light ³	Miami, FL	173.7	211.1	369.6	1,117.4	1,583.3	1,928.6
Nashville Electric Service	Nashville, TN	196.4	231.6	387.1	1,126.7	1,694.5	1,920.5
NB Power	Moncton, NB	180.1	213.8	391.1	1,184.5	1,706.7	2,038.7
Detroit Edison ³	Detroit, MI	179.4	213.3	397.2	1,201.7	1,732.8	2,067.7
EPCOR Energy ¹	Edmonton, AB	177.1	222.9	410.6	1,232.6	1,689.1	2,137.0
Nova Scotia Power	Halifax, NS	190.2	232.7	444.2	1,346.7	1,902.1	2,327.2
Hydro Ottawa	Ottawa, ON	223.7	277.6	513.6	1,529.7	2,105.1	2,644.6
Toronto Hydro	Toronto, ON	234.0	295.3	547.9	1,658.1	2,286.3	2,876.5
Maritime Electric	Charlottetown, PE	241.2	293.1	560.3	1,698.2	2,412.1	2,931.3
Pacific Gas and Electric ³	San Francisco, CA	242.7	300.2	570.5	1,728.6	2,417.3	2,991.9
Boston Edison	Boston, MA	303.8	366.7	701.7	2,125.6	3,036.2	3,664.8
Consolidated Edison ³	New York, NY	308.6	376.3	718.6	2,178.2	3,084.9	3,761.9

1) Bills corresponding to consumption levels of 500 kW or more have been estimated by Hydro-Québec based on the applicable general rate.

2) Newfoundland Power and Labrador Hydro rates for customers with a power demand of 30,000 kW or more; Newfoundland Power rates for all other customer categories.

3) These bills have been estimated by Hydro-Québec and may differ from actual bills.

NOTE: Bill calculations exclude taxes and levies. BC Hydro's bill calculation includes the rate rider. The top five participating utilities with the lowest monthly bills are ranked in the table above, from lowest to highest.

Table 5 Residential Average Prices

Hydro-Quebec Electricity Prices Comparison Report – Residential Average Prices as of April 1, 2010 CDN ¢/kWh						
Utility	City	625 kWh	750 kWh	1,000 kWh	2,000 kWh	3,000 kWh
Manitoba Hydro	Winnipeg, MB	(4th) 7.48	(3rd) 7.29	(2nd) 7.08	(1st) 6.83	(1st) 6.74
Hydro-Quebec	Montreal, QC	(3rd) 7.40	(1st) 7.08	(1st) 6.88	(2nd) 7.19	(2nd) 7.30
Seattle City Light	Seattle, WA	(1st) 6.76	(2nd) 7.17	(3rd) 7.68	(4th) 8.44	(5th) 8.70
BC Hydro	Vancouver, BC	(2nd) 7.20	(4th) 7.35	(4th) 7.79	(5th) 8.46	(4th) 8.69
EPCOR Energy	Edmonton, AB	(5th) 10.36	(5th) 9.87	(5th) 9.27	8.36	8.06
Pacific Power and Light	Portland, OR	9.45	9.32	9.15	9.45	9.55
Nashville Electric Service	Nashville, TN	10.47	10.15	9.76	(3rd) 9.17	(3rd) 8.97
Florida Power and Light ²	Miami, FL	9.63	9.47	9.27	9.98	10.22
Enmax	Calgary, AB	11.79	11.28	10.65	9.69	9.37
Newfoundland Power ¹	St. John's, NL	11.65	11.24	10.73	9.97	9.71
Commonwealth Edison ²	Chicago, IL	11.53	11.26	10.93	10.42	10.26
Hydro Ottawa	Ottawa, ON	11.46	11.16	11.00	10.81	10.75
NB Power	Moncton, NB	12.85	12.32	11.66	10.51	10.08
Toronto Hydro	Toronto, ON	12.70	12.31	11.82	11.30	11.12
Nova Scotia Power	Halifax, NS	13.54	13.25	12.89	12.35	12.17
SaskPower	Regina, SK	14.30	13.79	13.15	12.20	11.88
Detroit Edison ²	Detroit, MI	13.11	13.06	13.00	12.91	12.88
CenterPoint Energy ²	Houston, TX	15.13	14.81	14.41	13.80	13.60
Maritime Electric	Charlottetown, PE	17.62	16.97	16.15	14.92	13.63
Boston Edison	Boston, MA	17.20	17.03	16.82	16.49	16.39
Consolidated Edison ²	New York, NY	23.78	23.36	22.82	22.02	21.76
Pacific Gas and Electric ²	San Francisco, CA	21.35	24.94	21.14	33.42	38.99

1) Newfoundland Power rates.

2) These bills have been estimated by Hydro-Québec and may differ from actual bills.

NOTE: The top 5 participating utilities with the lowest average prices are ranked in the table above, from lowest to highest.

Table 6 Small Power Average Prices

Hydro-Quebec Electricity Prices Comparison Report – Small Power						
Average Prices as of April 1, 2010						
CDN ¢/kWh						
Utility	City	6 kW 750 kWh 17% load factor	14 kW 2000 kWh 20% load factor	40 kW 10,000 kWh 35% load factor	100 kW 14,000 kWh 19% load factor	100 kW 25,000 kWh 35% load factor
CenterPoint Energy ³	Houston, TX	(1st) 6.39	9.39	(1st) 6.09	(2nd) 7.88	(1st) 5.86
Seattle City Light	Seattle, WA	(2nd) 6.43	(1st) 6.43	(2nd) 6.43	(1st) 6.31	(2nd) 5.94
Manitoba Hydro	Winnipeg, MB	(3rd) 9.19	(2nd) 7.72	(3rd) 7.02	10.14	(4th) 7.38
BC Hydro	Vancouver, BC	(4th) 9.21	(3rd) 8.76	8.76	10.54	(5th) 7.84
EPCOR Energy ¹	Edmonton, AB	(5th) 10.19	(5th) 9.21	8.74	(5th) 9.96	9.83
Hydro-Quebec	Montreal, QC	10.46	9.44	8.94	12.02	9.89
Florida Power and Light ³	Miami, FL	10.63	10.05	9.61	12.42	9.51
Pacific Power and Light	Portland, OR	10.65	(4th) 9.14	(5th) 8.15	(4th) 9.60	8.00
Commonwealth Edison ³	Chicago, IL	10.71	9.94	9.62	11.12	9.53
Hydro Ottawa	Ottawa, ON	11.69	10.89	10.50	14.36	11.43
Enmax	Calgary, AB	12.41	10.15	(4th) 7.90	(3rd) 9.05	(3rd) 7.12
Nashville Electric Service	Nashville, TN	13.17	11.04	10.02	16.09	11.37
Newfoundland Power ²	St. John's, NL	13.28	14.76	10.77	14.14	10.85
Detroit Edison ³	Detroit, MI	13.41	12.48	11.42	11.34	11.26
Toronto Hydro	Toronto, ON	13.43	12.13	11.50	14.75	11.97
SaskPower	Regina, SK	13.72	11.78	10.85	15.32	11.61
Nova Scotia Power	Halifax, NS	13.95	12.63	12.71	16.12	12.71
NB Power	Moncton, NB	14.43	12.74	12.09	15.03	12.07
Boston Edison	Boston, MA	18.41	17.74	18.38	25.33	19.37
Pacific Gas and Electric ³	San Francisco, CA	19.03	18.28	17.64	20.19	16.92
Maritime Electric	Charlottetown, PE	19.91	17.86	16.84	20.98	16.67
Consolidated Edison ³	New York, NY	24.50	28.37	21.67	28.18	21.61

1) Bills corresponding to consumption levels of 500 kW or more have been estimated by Hydro-Québec based on the applicable general rate.

2) Newfoundland Power rates.

3) These bills have been estimated by Hydro-Québec and may differ from actual bills.

NOTE: The top 5 participating utilities with the lowest average prices are ranked in the table above, from lowest to highest.

Table 7 Medium Power Average Prices

Hydro-Quebec Electricity Prices Comparison Report – Medium Power						
Average Prices as of April 1, 2010						
CDN ¢/kWh						
Utility	City	500 kW 100,000 kWh 28% load factor	500 kW 200,000 kWh 56% load factor	1000 kW 200,000 kWh 28% load factor	1000 kW 400,000 kWh 56% load factor	2500 kW1 1,170,000 kWh 65% load factor
Seattle City Light	Seattle, WA	(1st) 6.06	(3rd) 5.77	(1st) 5.90	(3rd) 5.67	(5th) 5.64
CenterPoint Energy ⁴	Houston, TX	(2nd) 6.36	(1st) 4.83	(2nd) 6.63	(1st) 4.96	(2nd) 5.00
Manitoba Hydro	Winnipeg, MB	(3rd) 7.85	(2nd) 5.45	(4th) 7.77	(2nd) 5.41	(1st) 4.56
Pacific Power and Light	Portland, OR	(4th) 7.93	6.45	(3rd) 7.70	(4th) 6.14	(4th) 5.62
BC Hydro	Vancouver, BC	(5th) 8.16	(4th) 6.13	8.21	(5th) 6.15	5.72
Enmax	Calgary, AB	8.25	(5th) 6.41	(5th) 8.02	6.29	(3rd) 5.27
Newfoundland Power ³	St. John's, NL	10.43	8.26	9.97	8.00	7.53
Commonwealth Edison ⁴	Chicago, IL	10.66	9.08	10.68	9.10	8.80
Florida Power and Light ⁴	Miami, FL	10.72	8.01	10.69	8.00	7.43
EPCOR Energy ²	Edmonton, AB	10.95	9.57	10.67	9.43	8.69
Hydro-Quebec	Montreal, QC	11.17	7.87	11.17	7.24	6.07
Detroit Edison ⁴	Detroit, MI	11.18	8.91	11.17	8.78	7.69
Hydro Ottawa	Ottawa, ON	11.35	9.52	11.22	9.46	9.51
Nashville Electric Service	Nashville, TN	12.36	8.63	12.28	8.59	8.35
Toronto Hydro	Toronto, ON	12.72	10.57	12.58	10.46	10.07
SaskPower	Regina, SK	12.91	9.44	12.89	9.43	7.89
NB Power	Moncton, NB	13.00	10.66	13.00	10.66	10.31
Nova Scotia Power	Halifax, NS	14.18	10.51	14.18	10.51	9.37
Maritime Electric	Charlottetown, PE	17.92	14.55	17.91	14.54	14.05
Pacific Gas and Electric ⁴	San Francisco, CA	19.06	14.56	18.66	14.16	10.45
Boston Edison	Boston, MA	20.03	14.46	19.95	14.42	13.51
Consolidated Edison ⁴	New York, NY	23.32	18.28	23.27	18.25	13.19

1) Supply voltage of 25 kV.

2) Bills corresponding to consumption levels of 500 kW or more have been estimated by Hydro-Québec based on the applicable general rate.

3) Newfoundland Power rates.

4) These bills have been estimated by Hydro-Québec and may differ from actual bills.

NOTE: The top five participating utilities with the lowest average prices are ranked in the table above, from lowest to highest.

Table 8 Large Power Average Prices

Hydro-Quebec Electricity Prices Comparison Report – Large Power									
Average Prices as of April 1, 2010									
CDN ¢/kWh									
Utility	City	5,000 kW 2,340,000 kWh 25 kV 65% load factor	5,000 kW 3,060,000 kWh 25 kV 85% load factor	10,000 kW 5,760,000 kWh 120 kV 80% load factor	30,000 kW 17,520,000 kWh 120 kV 81% load factor	50,000 kW 23,400,000 kWh 120 kV 65% load factor	50,000 kW 30,600,000 kWh 120 kV 85% load factor		
Manitoba Hydro	Winnipeg, MB	(1st) 4.47	(1st) 4.10	(1st) 3.61	(1st) 3.59	(1st) 3.83	(1st) 3.55		
CenterPoint Energy ³	Houston, TX	(2nd) 4.90	(2nd) 4.52	(2nd) 3.95	(2nd) 3.93	(2nd) 4.08	(2nd) 3.90		
Hydro-Quebec	Montreal, QC	(4th) 5.36	(3rd) 4.80	(4th) 4.64	(5th) 4.62	(5th) 5.02	(5th) 4.55		
BC Hydro	Vancouver, BC	5.72	5.32	(3rd) 4.46	(4th) 4.45	(4th) 4.71	(4th) 4.40		
Enmax	Calgary, AB	(3rd) 5.21	(4th) 5.04	(5th) 5.07	5.06	5.20	5.03		
Pacific Power and Light	Portland, OR	(5th) 5.59	(5th) 5.30	5.14	5.11	5.33	5.07		
Seattle City Light	Seattle, WA	5.68	5.60	5.24	5.24	5.28	5.23		
Newfoundland Power ²	St. John's, NL	7.42	7.12	7.08	(3rd) 4.03	(3rd) 4.32	(3rd) 3.98		
Commonwealth Edison ³	Chicago, IL	8.77	8.48	5.48	5.18	5.38	5.15		
SaskPower	Regina, SK	7.55	7.06	6.25	6.16	6.44	6.09		
Florida Power and Light ³	Miami, FL	7.42	6.90	6.42	6.38	6.77	6.30		
NB Power	Moncton, NB	7.70	6.99	6.79	6.76	7.29	6.66		
Detroit Edison ³	Detroit, MI	7.67	6.97	6.90	6.86	7.40	6.76		
Nashville Electric Service	Nashville, TN	8.39	7.57	6.72	6.43	7.24	6.28		
EPCOR Energy ¹	Edmonton, AB	7.57	7.28	7.13	7.04	7.22	6.98		
Nova Scotia Power	Halifax, NS	8.13	7.61	7.71	7.69	8.13	7.61		
Hydro Ottawa	Ottawa, ON	9.56	9.07	8.92	8.73	9.00	8.64		
Toronto Hydro	Toronto, ON	10.00	9.65	9.51	9.46	9.77	9.40		
Maritime Electric	Charlottetown, PE	10.31	9.58	9.73	9.69	10.31	9.58		
Pacific Gas and Electric ³	San Francisco, CA	10.37	9.81	9.91	9.87	10.33	9.78		
Boston Edison	Boston, MA	12.98	11.98	12.18	12.13	12.98	11.98		
Consolidated Edison ³	New York, NY	13.19	12.30	12.48	12.43	13.18	12.29		

- 1) Bills corresponding to consumption levels of 500 kW or more have been estimated by Hydro-Québec based on the applicable general rate.
 2) Newfoundland Power and Labrador Hydro rates for customers with a power demand of 30,000 kW or more; Newfoundland Power rates for all other customer categories.
 3) These bills have been estimated by Hydro-Québec and may differ from actual bills.

NOTE: The top five participating utilities with the lowest average prices are ranked in the table above, from lowest to highest.

Table 9 BC Hydro Monthly Bills Summary

BC Hydro Monthly Bills Summary for the Previous Five Years					
CDN\$/Month					
Vancouver, BC	April 1, 2006	April 1, 2007 ²	April 1, 2008 ³	April 1, 2009 ⁴	April 1, 2010 ⁵
Residential					
625 kWh	41.44	42.97	45.09	41.19	45.00
750 kWh	49.00	50.81	53.32	50.44	55.11
1,000 kWh	64.13	66.49	69.78	71.32	77.93
2,000 kWh	125	129	136	155	169
3,000 kWh	185	192	201	238	261
Small Power					
750 kWh/6 kW	55.35	57.36	60.21	63.22	69.08
2,000 kWh/14 kW	140	145	153	160	175
10,000 kWh/40 kW	702	727	763	802	876
14,000 kWh/100 kW	1,183	1,226	1,287	1,351	1,476
25,000 kWh/100 kW	1,570	1,628	1,709	1,794	1,961
Medium Power					
100,000 kWh/500 kW	6,535	6,772	7,109	7,468	8,163
200,000 kWh/500 kW	9,805	10,159	10,667	11,205	12,250
200,000 kWh/1,000 kW	13,145	13,621	14,300	15,023	16,421
400,000 kWh/1,000 kW	19,685	20,394	21,416	22,497	24,595
1,170,000 kWh/2,500 kW	53,436	55,368	58,185	61,153	66,899
Large Power					
2,340 MWh/5,000 kW/25 kV	106,945	110,812	116,451	122,392	133,891
3,060 MWh/5,000 kW/25 kV	130,136	134,828	141,682	148,895	162,877
5,760 MWh/10,000 kW/120 kV	205,917 ¹	213,443	224,148	235,277	257,041
17,520 MWh//30,000 kW/120 kV	624,297 ¹	647,112	679,568	713,310	779,294
23,400 MWh/50,000 kW/120 kV	882,436 ¹	914,690	960,555	1,008,249	1,101,519
30,600 MWh/50,000 kW /120 kV	1,078,650 ¹	1,118,068	1,174,147	1,232,445	1,346,452

1) Rates used reflect a change in the Transmission Service Rate demand charge under Rate Schedule 1823 effective April 1, 2006.

2) Rates used reflect a 1.54 per cent final approved increase effective July 1, 2006 and a 0.1 per cent final approved increase effective February 1, 2007.

3) Rates used reflect a 6.56 per cent approved interim increase effective April 1, 2008.

4) Rates used reflect a 8.74 per cent approved increase effective April 1, 2009.

5) Rates used reflect a 6.11 per cent approved increase effective April 1, 2010.

NOTE: Bill calculations exclude taxes and levies and include the rate rider where applicable (i.e., from April 1, 2007 onwards).

Table 10 BC Hydro Average Prices Summary

BC Hydro Average Prices Summary for the Previous Five Years					
CDN¢/kWh					
Vancouver, BC	April 1, 2006	April 1, 2007 ²	April 1, 2008 ³	April 1, 2009 ⁴	April 1, 2010 ⁵
Residential					
625 kWh	6.63	6.88	7.21	6.59	7.20
750 kWh	6.53	6.77	7.11	6.73	7.35
1,000 kWh	6.41	6.65	6.98	7.13	7.79
2,000 kWh	6.23	6.46	6.78	7.74	8.46
3,000 kWh	6.17	6.40	6.71	7.95	8.69
Small Power					
750 kWh/6 kW	7.38	7.65	8.04	8.43	9.21
2,000 kWh/14 kW	7.02	7.27	7.64	8.02	8.76
10,000 kWh/40 kW	7.02	7.27	7.63	8.02	8.76
14,000 kWh/100 kW	8.45	8.76	9.19	9.65	10.54
25,000 kWh/100 kW	6.28	6.51	6.83	7.18	7.84
Medium Power					
100,000 kWh/500 kW	6.53	6.77	7.11	7.47	8.16
200,000 kWh/500 kW	4.90	5.08	5.33	5.60	6.13
200,000 kWh/1,000 kW	6.57	6.81	7.15	7.51	8.21
400,000 kWh/1,000 kW	4.92	5.10	5.35	5.62	6.15
1,170,000 kWh/2,500 kW	4.57	4.73	4.97	5.23	5.72
Large Power					
2,340 MWh/5,000 kW/25 kV	4.57	4.74	4.98	5.23	5.72
3,060 MWh/5,000 kW/25 kV	4.25	4.41	4.63	4.87	5.32
5,760 MWh/10,000 kW/120 kV	3.57 ¹	3.71	3.89	4.08	4.46
17,520 MWh//30,000 kW/120 kV	3.56 ¹	3.69	3.88	4.07	4.45
23,400 MWh/50,000 kW/120 kV	3.77 ¹	3.91	4.10	4.31	4.71
30,600 MWh/50,000 kW /120 kV	3.52 ¹	3.65	3.84	4.03	4.40

- 1) Rates used reflect a change in the Transmission Service Rate demand charge under Rate Schedule 1823 effective April 1, 2006.
 2) Rates used reflect a 1.54 per cent final approved increase effective July 1, 2006 and a 0.1 per cent final approved increase effective February 1, 2007.
 3) Rates used reflect a 6.56 per cent approved interim increase effective April 1, 2008.
 4) Rates used reflect a 8.74 per cent approved increase effective April 1, 2009.
 5) Rates used reflect a 6.11 per cent approved interim increase effective April 1, 2010.

Table 11 Corresponding BC Hydro Rate Schedules included in each Segment of the Hydro Quebec Rate Survey

Hydro Quebec Segment	Corresponding BC Hydro Rate Schedule
Residential	
625 kWh	RS 1101
750 kWh	RS 1101
1,000 kWh	RS 1101
2,000 kWh	RS 1101
3,000 kWh	RS 1101
Small Power	
750 kWh/6 kW	RS 1220
2,000 kWh/14 kW	RS 1220
10,000 kWh/40 kW	RS 1200
14,000 kWh/100 kW	RS 1200
25,000 kWh/100 kW	RS 1200
Medium Power	
100,000 kWh/500 kW	RS 1200
200,000 kWh/500 kW	RS 1200
200,000 kWh/1,000 kW	RS 1200
400,000 kWh/1,000 kW	RS 1200
1,170,000 kWh/2,500 kW	RS 1211
Large Power	
2,340,000 kWh/5,000 kW/25 kV	RS 1211
3,060,000 kWh/5,000 kW/25 kV	RS 1211
5,760,000 kWh/10,000 kW/120 kV	RS 1823
17,520,000 kWh/30,000 kW/120 kV	RS 1823
23,400,000 kWh/50,000 kW/120 kV	RS 1823
30,600,000 kWh/50,000 kW/120 kV	RS 1823

PROVINCE OF BRITISH COLUMBIA

REGULATION OF THE MINISTER OF
ENERGY, MINES AND PETROLEUM RESOURCES*Utilities Commission Act*

Ministerial Order No. M 114

I, Blair Lekstrom, Minister of Energy, Mines and Petroleum Resources, order that the following regulation is made:

RATE COMPARISON REGULATION**Definition**

1 In this regulation:

“Act” means the *Utilities Commission Act*;

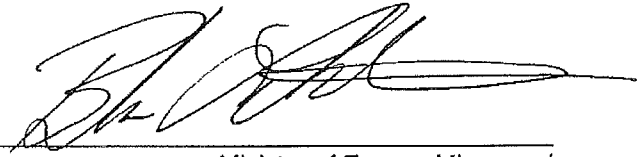
“applicable rates” means, with respect to a public utility’s electricity rates, the average monthly bill for electricity, but not any other terms and conditions of those rates.

Report requirements

2 In a report to be provided to the commission under section 43 (1.1) of the Act, the authority must do all of the following:

- (a) include a comparison with at least one public utility in each of at least fifteen other jurisdictions in North America, including all of the following:
 - (i) the provinces of Alberta, Quebec, Ontario and Manitoba;
 - (ii) the states of Washington, Oregon and California;
- (b) compare the previous year’s applicable rates for residential, commercial and industrial customers with similar rates of the public utilities referred to in paragraph (a);
- (c) express the monetary comparisons in Canadian currency;
- (d) provide the authority’s previous 5 years of applicable rates.

Mar 30 / 09
Date


Minister of Energy, Mines and
Petroleum Resources

(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. 125.1 (4) (c)

Other (specify):-

March 16, 2009

R 319/2009/27