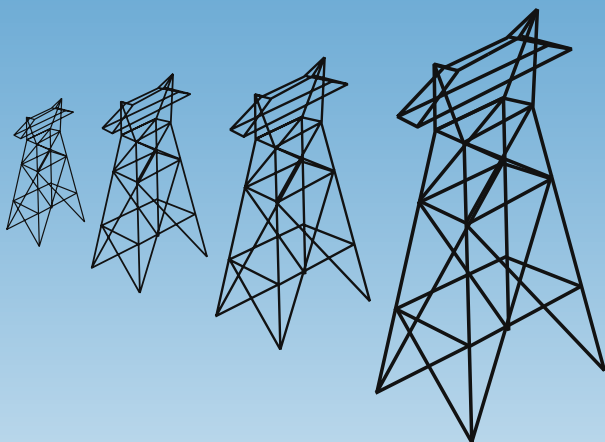


Survey of Canadian Electricity Bills



**Rates and Regulatory
Department**
Effective May 1, 2017



Note

- Each participating utility calculates bills based on its rates as of May 1, 2017.
- All bills exclude federal, provincial or municipal taxes with the exception of Newfoundland Power.
- Newfoundland Power includes a Municipal Tax and Rate Stabilization Adjustment which is built into their rates. All bills include a 1.5% prompt payment credit.
- Ontario Residential and General Service Small bills include the 8% Provincial Rebate.

| Residential | Page |
|---|-------------|
| Bill Calculations | 2 |
| Comparison @ 1,000 kWh per Month | 4 |
| Comparison @ 2,000 kWh per Month | 6 |
| Analysis of Rates | 8 |
| General Service (Small Loads) | |
| Bill Calculations | 10 |
| Comparison @ 1,000 kWh per Month | 12 |
| Comparison @ 5,000 kWh per Month | 14 |
| General Service (Medium Loads) | |
| Utility-Owned Transformation..... | 16 |
| General Service (Large Loads) | |
| Customer-Owned Transformation | 22 |
| General Service (Large Industrial Loads) | |
| Customer-Owned Transformation | 28 |
| Population Statistics | 34 |
| Canadian Utilities Surveyed | 35 |

Residential

One Month Bill For:

| | 375 kWh | 750 kWh | 1,000 kWh | 2,000 kWh | 5,000 kWh |
|--------------------------|-----------------|-----------------|-----------------|------------------|------------------|
| Calgary AB ¹ | \$ 53.17 | \$ 84.88 | \$ 106.02 | \$ 190.57 | \$ 444.25 |
| Edmonton AB ² | \$ 53.64 | \$ 84.16 | \$ 104.50 | \$ 185.88 | \$ 430.02 |
| Halifax NS | \$ 67.32 | \$ 123.80 | \$ 161.46 | \$ 312.09 | \$ 763.98 |
| Moncton NB | \$ 62.14 | \$ 102.68 | \$ 129.70 | \$ 237.80 | \$ 562.10 |
| Montreal QC | \$ 34.02 | \$ 55.84 | \$ 70.70 | \$ 159.90 | \$ 427.50 |
| Ottawa, ON ³ | \$ 61.87 | \$ 107.48 | \$ 137.90 | \$ 259.53 | \$ 624.49 |
| Regina SK | \$ 73.54 | \$ 125.06 | \$ 159.41 | \$ 296.81 | \$ 709.01 |
| Saskatoon SK | \$ 73.52 | \$ 125.03 | \$ 159.37 | \$ 296.74 | \$ 708.83 |
| Saint John NB | \$ 53.85 | \$ 91.09 | \$ 115.91 | \$ 215.21 | \$ 513.11 |
| St. John's NL | \$ 51.71 | \$ 87.60 | \$ 111.52 | \$ 207.23 | \$ 494.34 |
| Vancouver BC | \$ 39.85 | \$ 77.01 | \$ 110.79 | \$ 245.92 | \$ 651.33 |
| Winnipeg MB | \$ 37.56 | \$ 67.30 | \$ 87.12 | \$ 166.42 | \$ 404.32 |

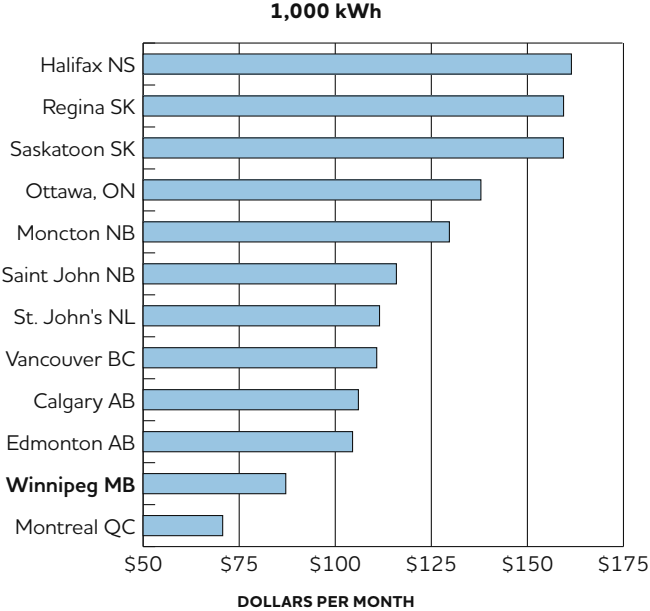
Note:

- ¹ Bills are based on a 12 month average Calgary Regulated Rate Option (RRO) energy charge of 3.9069 ¢/kWh.
- ² Bills are based on a 12 month average Edmonton Regulated Rate Option (RRO) energy charge of 3.9821 ¢/kWh.
- ³ Bills are based on the Time of Use (TOU) Summer commodity price.

Residential

One Month Bill For:

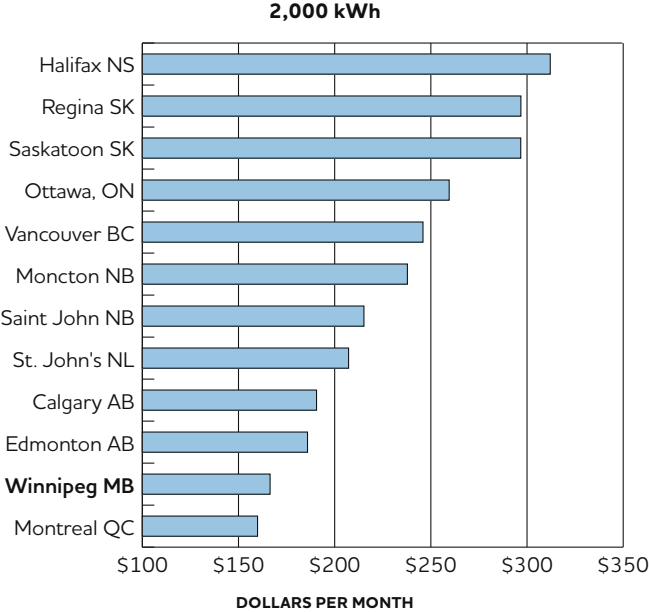
| | 1,000 kWh | ¢/kWh |
|--------------------|-----------------|--------------|
| Halifax NS | \$ 161.46 | 16.146 |
| Regina SK | \$ 159.41 | 15.941 |
| Saskatoon SK | \$ 159.37 | 15.937 |
| Ottawa, ON | \$ 137.90 | 13.790 |
| Moncton NB | \$ 129.70 | 12.970 |
| Saint John NB | \$ 115.91 | 11.591 |
| St. John's NL | \$ 111.52 | 11.152 |
| Vancouver BC | \$ 110.79 | 11.079 |
| Calgary AB | \$ 106.02 | 10.602 |
| Edmonton AB | \$ 104.50 | 10.450 |
| Winnipeg MB | \$ 87.12 | 8.712 |
| Montreal QC | \$ 70.70 | 7.070 |



Residential

One Month Bill For:

| | 2,000 kWh | ¢/kWh |
|--------------------|------------------|--------------|
| Halifax NS | \$ 312.09 | 15.605 |
| Regina SK | \$ 296.81 | 14.841 |
| Saskatoon SK | \$ 296.74 | 14.837 |
| Ottawa, ON | \$ 259.53 | 12.977 |
| Vancouver BC | \$ 245.92 | 12.296 |
| Moncton NB | \$ 237.80 | 11.890 |
| Saint John NB | \$ 215.21 | 10.761 |
| St. John's NL | \$ 207.23 | 10.362 |
| Calgary AB | \$ 190.57 | 9.528 |
| Edmonton AB | \$ 185.88 | 9.294 |
| Winnipeg MB | \$ 166.42 | 8.321 |
| Montreal QC | \$ 159.90 | 7.995 |



Analysis of Residential Rates

Ranked in Order of Run-Off Rate

| Location | No. of Blocks | kWh in Block | \$ in Block | Fixed Charges | Run-off Rate ¢/kWh | Minimum Bill \$ |
|--------------------|---------------|--------------|----------------|----------------|--------------------|-----------------|
| Halifax NS | 0 | 0 | \$ 0.00 | \$ 10.83 | 15.063 | \$ 10.83 |
| Regina SK | 0 | 0 | \$ 0.00 | \$ 22.01 | 13.740 | \$ 22.01 |
| Saskatoon SK | 0 | 0 | \$ 0.00 | \$ 22.01 | 13.736 | \$ 22.01 |
| Vancouver BC* | 1 | 675 | \$ 57.92 | \$ 5.77 | 12.870 | \$ 5.77 |
| Ottawa ON** | 0 | 0 | \$ 0.00 | \$ 17.66 | 12.836 | \$ 17.66 |
| Moncton NB | 0 | 0 | \$ 0.00 | \$ 21.60 | 10.810 | \$ 21.60 |
| Saint John NB | 0 | 0 | \$ 0.00 | \$ 16.61 | 9.930 | \$ 16.61 |
| St. John's NL | 0 | 0 | \$ 0.00 | \$ 15.99 | 9.719 | \$ 15.99 |
| Montreal QC | 1 | 990 | \$ 57.62 | \$ 12.19 | 8.920 | \$ 12.19 |
| Calgary AB | 0 | 0 | \$ 0.00 | \$ 21.45 | 8.456 | \$ 21.45 |
| Edmonton AB | 0 | 0 | \$ 0.00 | \$ 23.12 | 8.138 | \$ 23.12 |
| Winnipeg MB | 0 | 0 | \$ 0.00 | \$ 7.82 | 7.930 | \$ 7.82 |

Note:

* Does not include the 5.0% Deferral Account Rate Rider which is applied to the total bill.

** Does not include the 8.0% Provincial Rebate which is applied to the total bill.

General Service – Small

One Month Bill For:

| | 6 kW (6.6 kVA) 750 kWh | 7 kW (7.8 kVA) 1,000 kWh | 20 kW (22.2 kVA) 5,000 kWh | 40 kW (44.4 kVA) 10,000 kWh |
|--------------------------|---------------------------------------|---|---|--|
| Calgary AB ¹ | \$ 100.88 | \$ 120.88 | \$ 440.83 | \$ 854.82 |
| Edmonton AB ² | \$ 88.86 | \$ 113.45 | \$ 507.09 | \$ 999.15 |
| Halifax NS | \$ 120.48 | \$ 155.21 | \$ 766.35 | \$ 1,532.70 |
| Moncton NB | \$ 120.73 | \$ 153.40 | \$ 676.20 | \$ 1,348.70 |
| Montreal QC | \$ 85.68 | \$ 110.13 | \$ 501.33 | \$ 990.33 |
| Ottawa, ON ³ | \$ 118.19 | \$ 151.77 | \$ 689.19 | \$ 1,360.97 |
| Regina SK | \$ 129.07 | \$ 162.07 | \$ 690.07 | \$ 1,350.07 |
| Saskatoon SK | \$ 129.07 | \$ 162.07 | \$ 690.07 | \$ 1,350.07 |
| Saint John NB | \$ 120.45 | \$ 154.92 | \$ 665.52 | \$ 1,314.02 |
| St. John's NL | \$ 92.94 | \$ 116.63 | \$ 528.83 | \$ 1,014.23 |
| Vancouver BC | \$ 100.27 | \$ 130.17 | \$ 608.55 | \$ 1,138.40 |
| Winnipeg MB | \$ 83.67 | \$ 104.49 | \$ 437.65 | \$ 854.10 |

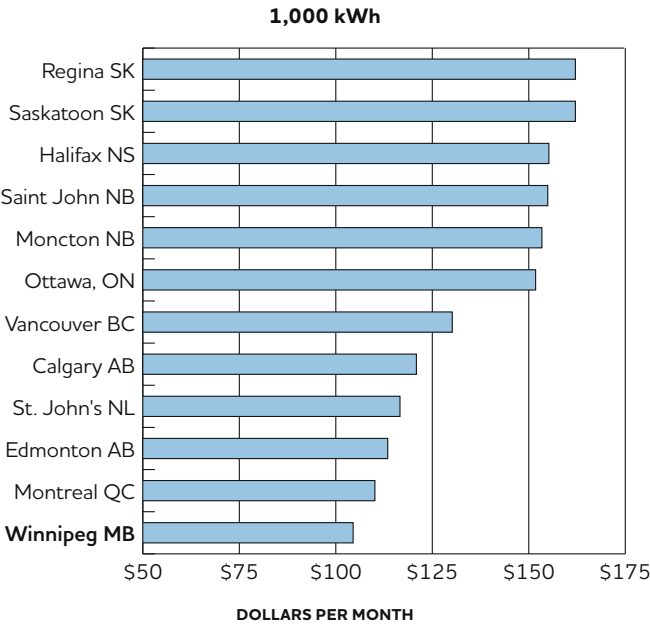
Note:

- ¹ Bills for loads ≤ 5,000 kWh are based on a 12 month average Calgary Regulated Rate Option (RRO) energy price of 3.9069 ¢/kWh. Loads > 5,000 kWh are based on the average energy price as determined by the utility.
- ² Bills are based on a 12 month average Edmonton Regulated Rate Option (RRO) energy charge of 3.9821 ¢/kWh.
- ³ Bills are based on the Time of Use (TOU) Summer commodity price.

General Service – Small

One Month Bill For:

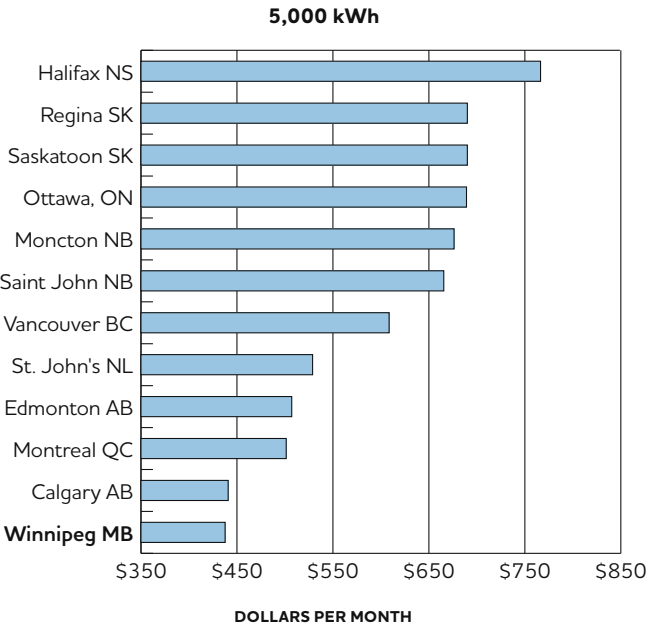
| | 7 kW (7.8 kVA) 1,000 kWh | ¢/kWh |
|---------------|--------------------------------|--------|
| Regina SK | \$ 162.07 | 16.207 |
| Saskatoon SK | \$ 162.07 | 16.207 |
| Halifax NS | \$ 155.21 | 15.521 |
| Saint John NB | \$ 154.92 | 15.492 |
| Moncton NB | \$ 153.40 | 15.340 |
| Ottawa, ON | \$ 151.77 | 15.177 |
| Vancouver BC | \$ 130.17 | 13.017 |
| Calgary AB | \$ 120.88 | 12.088 |
| St. John's NL | \$ 116.63 | 11.663 |
| Edmonton AB | \$ 113.45 | 11.345 |
| Montreal QC | \$ 110.13 | 11.013 |
| Winnipeg MB | \$ 104.49 | 10.449 |



General Service – Small

One Month Bill For:

| | 20 kW (22.2 kVA) 5,000 kWh | ¢/kWh |
|---------------|----------------------------------|--------|
| Halifax NS | \$ 766.35 | 15.327 |
| Regina SK | \$ 690.07 | 13.801 |
| Saskatoon SK | \$ 690.07 | 13.801 |
| Ottawa, ON | \$ 689.19 | 13.784 |
| Moncton NB | \$ 676.20 | 13.524 |
| Saint John NB | \$ 665.52 | 13.310 |
| Vancouver BC | \$ 608.55 | 12.171 |
| St. John's NL | \$ 528.83 | 10.577 |
| Edmonton AB | \$ 507.09 | 10.142 |
| Montreal QC | \$ 501.33 | 10.027 |
| Calgary AB | \$ 440.83 | 8.817 |
| Winnipeg MB | \$ 437.65 | 8.753 |



General Service – Medium

One Month Bill For:
Utility-Owned Transformation
Service at less than 750 Volts
90% Power Factor

| | 100 kW (111 kVA) 25,000 kWh | ¢/kWh |
|---------------------------------|--------------------------------|--------------|
| Hydro Ottawa ¹ | \$ 4,271 | 17.084 |
| Nova Scotia Power | \$ 3,832 | 15.328 |
| Saskatoon Light & Power | \$ 3,525 | 14.100 |
| SaskPower | \$ 3,525 | 14.100 |
| NB Power | \$ 3,366 | 13.464 |
| Saint John Energy | \$ 3,260 | 13.040 |
| BC Hydro | \$ 2,834 | 11.337 |
| Hydro Quebec | \$ 2,686 | 10.744 |
| Newfoundland Power ² | \$ 2,533 | 10.132 |
| Manitoba Hydro | \$ 2,235 | 8.940 |
| ENMAX Corporation ³ | \$ 1,842 | 7.368 |

Note:
¹ Based on the average energy price which includes the Class B Global Adjustment of 9.642 ¢/kWh as determined by the corresponding utility.
² Summer / Winter average bill.
³ Based on the average energy price as determined by the corresponding utility.

General Service – Medium

One Month Bill For:
Utility-Owned Transformation
Service at less than 750 Volts
90% Power Factor

| | 300 kW (333 kVA) 120,000 kWh | ¢/kWh |
|---------------------------------|---------------------------------|--------------|
| Hydro Ottawa ¹ | \$18,298 | 15.248 |
| Nova Scotia Power | \$15,323 | 12.769 |
| NB Power | \$14,263 | 11.886 |
| SaskPower | \$13,910 | 11.592 |
| Saskatoon Light & Power | \$13,907 | 11.589 |
| Saint John Energy | \$13,871 | 11.559 |
| BC Hydro | \$10,469 | 8.724 |
| Hydro Quebec | \$10,293 | 8.578 |
| Newfoundland Power ² | \$10,227 | 8.523 |
| ENMAX Corporation ³ | \$ 8,184 | 6.820 |
| Manitoba Hydro | \$ 8,039 | 6.699 |

Note:
¹ Based on the average energy price which includes the Class B Global Adjustment of 9.642 ¢/kWh as determined by the corresponding utility.
² Summer / Winter average bill.
³ Based on the average energy price as determined by the corresponding utility.

General Service – Medium

One Month Bill For:
Utility-Owned Transformation
Service at less than 750 Volts
90% Power Factor

| | 500 kW (556 kVA) 200,000 kWh | ¢/kWh |
|---------------------------------|---------------------------------|--------------|
| Hydro Ottawa ¹ | \$30,364 | 15.182 |
| Nova Scotia Power | \$25,538 | 12.769 |
| NB Power | \$23,769 | 11.885 |
| SaskPower | \$23,198 | 11.599 |
| Saskatoon Light & Power | \$23,194 | 11.597 |
| Saint John Energy | \$23,107 | 11.554 |
| BC Hydro | \$17,443 | 8.722 |
| Hydro Quebec | \$17,155 | 8.578 |
| Newfoundland Power ² | \$16,414 | 8.207 |
| Manitoba Hydro | \$13,271 | 6.635 |
| ENMAX Corporation ³ | \$13,255 | 6.628 |

Note:
¹ Based on the average energy price which includes the Class B Global Adjustment of 9.642 ¢/kWh as determined by the corresponding utility.
² Summer / Winter average bill.
³ Based on the average energy price as determined by the corresponding utility.

General Service – Large

One Month Bill For:
Customer-Owned Transformation
Service at Distribution Voltage less than 30 kV
90% Power Factor

| | 1,000 kW (1,111 kVA) 400,000 kWh | ¢/kWh |
|---------------------------------|-------------------------------------|--------------|
| Hydro Ottawa ¹ | \$60,527 | 15.132 |
| Nova Scotia Power | \$44,261 | 11.065 |
| SaskPower | \$43,221 | 10.805 |
| Saskatoon Light & Power | \$43,202 | 10.801 |
| NB Power | \$ 37,028 | 9.257 |
| Saint John Energy | \$34,930 | 8.733 |
| BC Hydro | \$ 34,616 | 8.654 |
| Newfoundland Power ² | \$ 31,128 | 7.782 |
| Hydro Quebec | \$ 30,719 | 7.680 |
| ENMAX Corporation ³ | \$23,849 | 5.962 |
| Manitoba Hydro | \$23,566 | 5.892 |

Note:
¹ Based on the average energy price which includes the Class B Global Adjustment of 9.642 ¢/kWh as determined by the corresponding utility.
² Summer / Winter average bill.
³ Based on the average energy price as determined by the corresponding utility.

General Service – Large

One Month Bill For:

Customer-Owned Transformation
Service at Distribution Voltage less than 30 kV
90% Power Factor

| | 5,000 kW (5,556 kVA) 2,555,000 kWh | ¢/kWh |
|---------------------------------|---|--------------|
| Hydro Ottawa ¹ | \$ 378,018 | 14.795 |
| Nova Scotia Power ² | \$ 243,888 | 9.546 |
| SaskPower | \$ 234,783 | 9.189 |
| Saskatoon Light & Power | \$ 234,773 | 9.189 |
| NB Power | \$ 214,435 | 8.393 |
| BC Hydro | \$ 205,099 | 8.027 |
| Saint John Energy | \$ 203,510 | 7.965 |
| Newfoundland Power ³ | \$ 183,872 | 7.197 |
| ENMAX Corporation ⁴ | \$ 141,288 | 5.530 |
| Hydro Quebec | \$ 138,648 | 5.427 |
| Manitoba Hydro | \$ 137,758 | 5.392 |

Note:

- ¹ Based on the average energy price which includes the Class B Global Adjustment of 9.642 ¢/kWh as determined by the corresponding utility.
- ² An interruptible credit has been applied.
- ³ Summer / Winter average bill.
- ⁴ Based on the average energy price as determined by the corresponding utility.

General Service – Large

One Month Bill For:
Customer-Owned Transformation
Service at Distribution Voltage less than 30 kV
90% Power Factor

| | 10,000 kW (11,111 kVA) 5,500,000 kWh | ¢/kWh |
|---------------------------------|---|--------------|
| Hydro Ottawa ¹ | \$ 575,907 | 10.471 |
| Nova Scotia Power ² | \$ 517,731 | 9.413 |
| SaskPower | \$ 489,573 | 8.901 |
| Saskatoon Light & Power | \$ 489,546 | 8.901 |
| BC Hydro | \$ 432,713 | 7.868 |
| NB Power | \$ 426,700 | 7.758 |
| Newfoundland Power ³ | \$ 389,847 | 7.088 |
| ENMAX Corporation ⁴ | \$ 299,333 | 5.442 |
| Hydro Quebec | \$ 290,634 | 5.284 |
| Manitoba Hydro | \$289,505 | 5.264 |

Note:

¹ Includes the Class A Global Adjustment as determined by the corresponding utility and is based on the utility's contribution to Ontario's peak demand.

² An interruptible credit has been applied.

³ Summer / Winter average bill.

⁴ Based on the average energy price as determined by the corresponding utility.

General Service – Large Industrial

One Month Bill For:
Customer-Owned Transformation
Service at Transmission Voltage exceeding 100 kV
100% Power Factor

| | 20,000 kW / kVA 12,000,000 kWh | ¢/kWh |
|--|-----------------------------------|--------------|
| Nova Scotia Power ¹ | \$ 1,093,260 | 9.111 |
| NB Power | \$ 905,400 | 7.545 |
| SaskPower | \$ 875,355 | 7.295 |
| Hydro Ottawa ² | \$ 858,563 | 7.155 |
| Newfoundland Power ³ | \$ 816,677 | 6.806 |
| BC Hydro | \$ 749,574 | 6.246 |
| Hydro Quebec | \$ 592,668 | 4.939 |
| Newfoundland & Labrador Hydro ⁴ | \$ 590,200 | 4.918 |
| Manitoba Hydro | \$ 514,360 | 4.286 |

Note:
¹ An interruptible credit has been applied.
² Includes the Class A Global Adjustment as determined by the corresponding utility and is based on the utility's contribution to Ontario's peak demand.
³ Summer / Winter average bill.
⁴ Does not include annual charges for customer plant in service that may apply to specific customers.

General Service – Large Industrial

One Month Bill For:
Customer-Owned Transformation
Service at Transmission Voltage exceeding 100 kV
100% Power Factor

| | 50,000 kW / kVA 31,000,000 kWh | ¢/kWh |
|--|-----------------------------------|--------------|
| Nova Scotia Power ¹ | \$ 2,809,980 | 9.064 |
| NB Power | \$ 2,315,500 | 7.469 |
| SaskPower | \$ 2,236,355 | 7.214 |
| BC Hydro | \$ 1,922,571 | 6.202 |
| Hydro Ottawa ² | \$ 1,690,519 | 5.453 |
| Hydro Quebec | \$ 1,514,370 | 4.885 |
| Newfoundland & Labrador Hydro ³ | \$ 1,513,250 | 4.881 |
| Manitoba Hydro | \$1,318,230 | 4.252 |

Note:

¹ An interruptible credit has been applied.

² Includes the Class A Global Adjustment as determined by the corresponding utility and is based on the utility's contribution to Ontario's peak demand.

³ Does not include annual charges for customer plant in service that may apply to specific customers.

General Service – Large Industrial

One Month Bill For:
Customer-Owned Transformation
Service at Transmission Voltage exceeding 100 kV
100% Power Factor

| | 100,000 kW / kVA 62,000,000 kWh | ¢/kWh |
|--|------------------------------------|--------------|
| Nova Scotia Power ¹ | \$ 5,619,960 | 9.064 |
| NB Power | \$ 4,631,000 | 7.469 |
| SaskPower | \$ 4,465,355 | 7.202 |
| BC Hydro | \$ 3,845,142 | 6.202 |
| Hydro Ottawa ² | \$ 3,055,761 | 4.929 |
| Hydro Quebec | \$ 3,028,740 | 4.885 |
| Newfoundland & Labrador Hydro ³ | \$ 3,026,500 | 4.881 |
| Manitoba Hydro | \$2,636,460 | 4.252 |

- Note:**
- ¹ An interruptible credit has been applied.
 - ² Includes the Class A Global Adjustment as determined by the corresponding utility and is based on the utility's contribution to Ontario's peak demand.
 - ³ Does not include annual charges for customer plant in service that may apply to specific customers.

Population Statistics

| Location | Population | Metro population |
|--------------------|----------------|------------------|
| Calgary AB | 1 239 220 | 1 392 609 |
| Edmonton AB | 932 546 | 1 321 426 |
| Halifax NS | 403 131 | 403 390 |
| Moncton NB | 71 889 | 144 810 |
| Montreal QC | 1 704 694 | 4 098 927 |
| Ottawa ON | 934 243 | 991 726 |
| Regina SK | 215 106 | 236 481 |
| Saint John NB | 67 575 | 126 202 |
| Saskatoon SK | 246 376 | 295 095 |
| St. John's NL | 108 860 | 205 955 |
| Vancouver BC | 631 486 | 2 463 431 |
| Winnipeg MB | 705 244 | 778 489 |

| Location | Utility |
|--------------------|-------------------------------|
| Calgary AB | ENMAX Corporation |
| Edmonton AB | EPCOR Energy Alberta Inc. |
| Halifax NS | Nova Scotia Power |
| Moncton NB | NB Power |
| Montreal QC | Hydro Quebec |
| Ottawa ON | Hydro Ottawa Limited |
| Regina SK | SaskPower |
| Saint John NB | Saint John Energy |
| Saskatoon SK | Saskatoon Light & Power |
| St. John's NL | Newfoundland Power |
| St. John's NL* | Newfoundland & Labrador Hydro |
| Vancouver BC | BC Hydro |
| Winnipeg MB | Manitoba Hydro |

Source: Statistics Canada 2016 Census web site www.statcan.gc.ca

* Only Large Industrial Rates (≥ 20,000 kW) provided for the Island interconnected area.





Available in accessible formats
upon request.

