



360 Portage Avenue (22) • Winnipeg Manitoba Canada • R3C 0G8
Telephone / N° de téléphone: 204-360-3946 • Fax / N° de télécopieur: 204-360-6147 • pjramage@hydro.mb.ca

July 20, 2020

Dr. D. Christle
Secretary and Executive Director
Public Utilities Board
400-330 Portage Avenue
Winnipeg, Manitoba
R3C 0C4

Dear Dr. Christle:

**RE: MANITOBA HYDRO
FIRST NATION ON-RESERVE RESIDENTIAL CUSTOMER CLASS**

On June 23, 2020, consistent with the Manitoba Court of Appeal decision with respect to Directive 6 of Order 59/18, Manitoba Hydro filed with the Manitoba Public Utilities Board ("PUB") revised rate schedules migrating the former First Nations On-Reserve Residential ("FNORR") customers to the Residential Customer class and updating the Diesel Residential Tariff 2019-03 to reflect the current PUB-approved rates for all residential customers.

Manitoba Hydro is in receipt of the PUB's letter dated July 13, 2020 whereby the PUB has requested additional information and clarification with respect to Manitoba Hydro's June 23rd submission, and has directed Manitoba Hydro not to implement the revised rate schedules on August 1, 2020 until the PUB has reviewed the additional information provided herein, sought comments from past interveners and determined if any further process to review the revised rate schedules is required.

Please find below Manitoba Hydro's responses to the PUB's questions.

- 1. In its letter, Hydro states that it is not seeking to "retroactively recover the estimated \$5.5 million of foregone revenues from the former FNORR customers for the fiscal periods 2018/19 through to 2020/21 as doing so would increase the financial impacts experienced by these customers". Provide the following:**
 - a. calculations demonstrating the foregone revenues from FNORR and Diesel Zone Residential customers separately from maintaining the August 1, 2017 rates for those customers effective both June 1, 2018 and June 1, 2019, and for each set of these customers and by fiscal year, demonstrating the total of \$5.5 million foregone from these customers.**

Please refer to the table below that shows the revenues collected from the FNORR and the Diesel Residential classes (through to July 2020) compared to what would have been collected had they paid the applicable approved Residential class rate for the same period. Since the implementation of the FNORR class, customers in that class have paid approximately \$5.5

million less than what they otherwise would have paid if they had been charged the approved Residential class rate.

Table 1 – FNORR and Diesel Residential Revenues (Actual vs. Calculated @ Residential Rate)

| | 2018/19 \$000s | 2019/20 \$000s | 2020/21* \$000s | Cumulative \$000s |
|---|-------------------|-------------------|--------------------|----------------------|
| FNORR Actual Revenue at FNORR Rates | 38,551 | 47,392 | 49,438 | |
| FNORR Calculated Revenue at Approved Residential Rates | 40,109 | 50,327 | 50,339 | |
| <i>First Nations on Reserve Residential Class Difference</i> | <i>(1,558)</i> | <i>(2,935)</i> | <i>(901)</i> | <i>(5,394)</i> |
| Diesel Residential Actual Revenue at FNORR Rates | 809 | 768 | 862 | |
| Diesel Residential Calculated Revenue at Approved Residential Rates | 835 | 815 | 881 | |
| <i>Diesel Residential Class Difference</i> | <i>(26)</i> | <i>(47)</i> | <i>(19)</i> | <i>(92)</i> |
| Total Difference | (1,583) | (2,982) | (921) | (5,486) |

*Assumes the elimination of the FNORR class effective August 1, 2020. Revenue based on April & May actuals and June & July forecast.

- b. calculations demonstrating the additional revenues recovered from other customer classes, by fiscal year and by customer class, on account of maintaining the August 1, 2017 rates for FNORR and Diesel Zone Residential customers effective June 1, 2018 and the Board's approval of a 3.6% general revenue increase for Hydro, and**

In Order 59/18, dated May 1, 2018, the PUB approved a 3.6% average revenue increase for Manitoba Hydro and directed the Corporation to create a First Nations On-Reserve Residential customer class with rates for this class as well as Diesel Zone residential customers being maintained at levels approved by the PUB effective August 2017.

To generate the additional revenues from the PUB-approved 3.6% general revenue increase as well as the revenues that would have otherwise been collected from the FNORR and Diesel Zone Residential customers had they not received a 0% rate increase effective June 1, 2018, the overall average rate increase applied to all other customer classes was 3.73%.

The total additional revenue from the 0.13% applied to all other customer classes over the 2018/19 and 2019/20 fiscal years and those forecast in 2020/21 (through to July 2020) as a result of maintaining the August 1, 2017 rates for FNORR and Diesel Zone Residential customers effective June 1, 2018, is \$4.3 million as shown in Attachment 1.

- c. calculations demonstrating the additional revenues recovered from other customer classes, by fiscal year and by customer class, on account of maintaining the August 1, 2017 rates for FNORR and Diesel Zone Residential customers effective June 1, 2019.**

There are no additional revenues being recovered from other customer classes as a result of maintaining the August 1, 2017 rates for FNORR and Diesel Zone Residential customers effective June 1, 2019 as directed in Order 69/19.

In Order 69/19 issued May 28, 2019, the PUB granted an electric rate increase effective June 1, 2019 of 2.5% for most rate classes. Electricity rates for the FNORR class and Residential Diesel class customers did not increase, but instead continued to be maintained at levels approved by the PUB effective August 2017. In addition, rates for the General Service Small Non-Demand class were adjusted to more accurately reflect the cost to serve these customers.

The rate schedules approved by the PUB in Order 75/19 reflected rate increases of 2.5% applied to the Residential, General Service Small Demand, General Service Medium, General Service Large and Area & Roadway Lighting customer classes and 1.3% applied to the General Service Small Non-Demand class. No incremental rate increases were applied to these classes to generate revenue equivalent to what would have been generated by also applying the 2.5% increase to the FNORR and Diesel Residential classes.

As a result of select rate classes receiving rate increases that were lower than 2.5%, or zero percent rate increases, the overall impact to Manitoba Hydro was a 2.3% increase in domestic revenue. This was demonstrated in the annualized Proof of Revenue that was filed with the PUB in support of the proposed rate schedules to be effective June 1, 2019 that were approved by the PUB in Order 75/19 (please see Attachment 2).

d. In Hydro's view:

- i. were the rates effective June 1, 2018 for other customer classes designed to recover the approved revenue increase of 3.6%, including the revenues foregone from the FNORR and Diesel Zone Residential customers on account of maintaining the August 1, 2017 rates for those customers in that year?**

Yes. In Order 59/18, dated May 1, 2018, the PUB approved a 3.6% average revenue increase for Manitoba Hydro and directed the Corporation to create a First Nations On-Reserve Residential customer class. The PUB further directed that rates for the FNORR customer class and the First Nations Residential customers in the diesel zone communities would be maintained at levels approved by the PUB effective August 2017. In order to generate the additional revenues from the PUB-approved 3.6% general revenue increase, including the revenues that would have otherwise been collected from the FNORR and Diesel Zone Residential customers had they not received a 0% rate increase effective June 1, 2018, the overall average rate increase applied to all other customer classes was 3.73%. Rate schedules reflecting these rate increases were approved by the PUB in Order 68/18 dated May 29, 2018.

- ii. were the rates effective June 1, 2019 for other customer classes designed to recover the 2.5% rate increase to the Residential, General Service Small-Demand, General Service Medium, General Service Large, and Area & Roadway Lighting customer classes and to the grid portion of the Diesel Zone General Service rates, including the revenues foregone from the FNORR and Diesel Zone Residential customers on account of maintaining the August 1, 2017 rates for those customers in that year?

As noted in the response to 1 c. above, and in Attachment 2, the rate schedules approved by the PUB in Order 75/19 reflected rate increases of 2.5% applied to the Residential, General Service Small Demand, General Service Medium, General Service Large and Area & Roadway Lighting customer classes and 1.3% applied to the General Service Small Non-Demand class (as shown in the following table). No incremental rate increases were applied to these classes to generate revenue equivalent to what would have been generated by applying the 2.5% increase to the FNORR and Diesel Residential Classes that was applicable to the Residential class.

Table 2 – Rate Increases by Customer Class effective June 1, 2019

| Customer Class | Average Increase |
|--|-------------------------|
| Residential (excluding Diesel Residential) | 2.5% |
| First Nations on Reserve Residential, and Diesel Residential | 0.0% |
| General Service Small Non-Demand | 1.3% |
| General Service Small Demand | 2.5% |
| General Service Medium | 2.5% |
| General Service Large 750V – 30 kV | 2.5% |
| General Service Large 30-100 kV | 2.5% |
| General Service Large >100 kV | 2.5% |
| Area & Roadway Lighting | 2.5% |

- iii. if Hydro's response to d(i) and/or d(ii) is yes, identify what revenues were foregone by Hydro and why Hydro says that it was not kept whole.

The reference to "forgone revenues" in Manitoba Hydro's June 23, 2020 letter was not referring to revenues forgone to Manitoba Hydro, but rather that FNORR and Diesel Residential customers paid \$5.5 million less (as shown in the table in the response to 1 a.) than they would have paid if they had been charged the approved Residential class rate effective June 1, 2018 and June 1, 2019.

- 2. The rate for Diesel Zone Residential customers under tariff 2019-03 approved by the Board in Order 75/19 is 8.196 cents/kWh with a Basic Charge of \$8.08.**
 - a. Please provide Hydro's rationale and basis for applying the current Residential rate to the Diesel Zone Residential Class;**
 - b. Advise whether MH intends to change this rate without seeking approval from the Board.**

Following the 2017/18 & 2018/19 General Rate Application ("GRA"), the PUB issued Order 59/18 and Order 68/18 approving rate increases for all existing customer classes, including the Residential class and for the first time, directed the creation of the FNORR class for whom no rate increase was to be applied and that no rate increase was to be applied to the Diesel Residential rate class. The Court of Appeal has struck down that Directive on the basis that not only did the directive breach section 39(2.2) of the Manitoba Hydro Act but also constituted the creation and implementation of general social policy, an area outside the PUB's jurisdiction, and that it resulted in the use of Manitoba Hydro funds and revenues for government purposes contrary to section 43(3) of The Manitoba Hydro Act.

In Order 148/11 the PUB approved the elimination of the higher tail rate for Diesel Residential customers such that this customer class would pay the same rates as residential grid customers. Since November 1, 2011, electricity rates charged to the Diesel Residential class have been equivalent to the rates charged to all residential customers. Approved rates for the Diesel residential class have been consistent with this long-standing directive (i.e. the grid Residential Rate was applied to Diesel Residential customers in Orders 85/17, 68/16, 77/15, 51/14, 48/13, and 117/12). Manitoba Hydro sought approval in its 2017/18 & 2018/19 GRA to apply the requested rate increase for 2018/19 to all components of rates for all customer classes (including the Diesel Residential class) and to the grid portion of the General Service Diesel customer class rates. The PUB's direction in Order 59/18 (Directive 6) to apply a 0% rate increase to residential customers in the Diesel zone, consistent with FNORR grid customers and its subsequent direction in Order 69/19 that the Diesel Residential rates remain unchanged in 2019/20 has resulted in a discrepancy between the rates charged to Diesel Residential customers and residential grid customers.

In its June 23rd filing Manitoba Hydro filed revised rate schedules that reflect increases to the basic monthly charge from \$8.08 to \$8.62 and the energy charge from \$0.08196 to \$0.08740 per kWh for the Diesel Residential tariff 2019-03. The change to the Diesel Residential tariff is necessary to bring the rates charged to First Nations diesel zone residential customers in line with current PUB-approved rates for all residential customers, consistent with previous direction of the PUB to charge residential customers in the Diesel zones the same rates as residential customers in the interconnected grid system, and consistent with the Court of Appeal decision to set aside Directive 6 of Order 59/18.

Manitoba Hydro provided revised rate schedules to the PUB for its review and invited the PUB to ask questions regarding the rate schedules. Upon reflection, based on the PUB's questions, Manitoba Hydro now understands the PUB's perspective regarding approval of the Diesel residential rate. Given the PUB's long-standing direction to maintain Diesel residential rates at the same level as residential grid rates, and in the absence of any cost-based reason to apply a lower rate to the Diesel customer class, Manitoba Hydro requests the PUB's continued approval to apply the residential grid rate to Diesel residential customers.

3. Explain the basis for Hydro's statement that the revised rate schedules submitted by Hydro are not new or changed rates. In particular, why are these rates not new or changed for FNORR customers and Diesel Zone Residential customers?

Following the 2017/18 & 2018/19 GRA, the PUB issued Order 59/18 and Order 68/18 approving rate increases for all existing customer classes and for the first time, issuing a Directive creating a new class of First Nations on Reserve Residential customers for whom no rate increase was to be applied. The Court of Appeal has struck down that Directive stating that the PUB exceeded its jurisdiction in creating a FNORR customer class and applying a 0% rate increase to that class and to the First Nations residential customers in the Diesel Zone. As a result, former FNORR customers fall within the existing, currently approved, Residential rate class. There is no new or changed rate being implemented by Manitoba Hydro, rather, the revised rate schedules demonstrate that Manitoba Hydro is applying the currently approved residential rate in accordance with the findings of the Manitoba Court of Appeal.

The statement that the rate schedules are not new or changed was made in specific reference to the requirement under section 25 (1) of The Crown Corporations Governance and Accountability Act that rates for services charged by Manitoba Hydro shall be reviewed by the PUB and no change in rates for services shall be made and no new rates for services shall be introduced without the approval of the PUB. The term "rates for service" is defined as meaning the price charged by Manitoba Hydro for the provision of power. The rates for service (or price charged by Manitoba Hydro) contained in the rate schedules submitted in Manitoba Hydro's June 23, 2020 correspondence were most recently approved by the PUB in Order 75/19. It is acknowledged that the FNORR customer class has been removed from the rate schedules provided June 23, 2020. This change was made in accordance with the decision of the Manitoba Court of Appeal that set aside the directive. Removing the FNORR customer class in accordance with a decision of the Court of Appeal cannot be considered a change that requires PUB approval, particularly where it has been determined that the FNORR rate in question was contrary to law and that the residential rate which will be charged is in accordance with the most recent order of the PUB for residential customers. As such the rates, or prices charged for power, are not new or changed in the context of the requirements of s. 25(1) of The Crown Corporations Governance and Accountability Act.

Manitoba Hydro acknowledges that applying the existing residential rate represents a rate increase for the FNORR customers. These rate increases were approved in Order 68/18 and 75/19 and are only now being implemented because the creation of the FNORR sub-class of customers and the PUB's order denying rate increases to FNORR customers was found to be beyond its jurisdiction. The requirements of section 25(1) of The Crown Corporations Governance and Accountability Act have been met. There is no justification for the PUB to return to the 2017/18 & 2018/19 GRA to again review these rates. The hearing has concluded, final orders were issued, and appealed.

Please see Manitoba Hydro's response to Question 2 above regarding the impact of the Court of Appeal's decision on residential Diesel rates.

4. Hydro states in its letter that the former FNORR customer class and Diesel Zone Residential customers will be subject to a 6.6% rate increase.

- a. Will Hydro receive increased revenue from customers as a result of those rate increases?
- b. If so, provide the additional revenues (for both 2020/21 and on an annualized basis) from migrating FNORR customers to the current Residential rate and amending the Diesel Zone Residential rates that will flow to i) general revenues and ii) the Major Capital Deferral Account.

Based on an August 1, 2020 implementation date, the expected additional revenue from applying a one-time 6.6% rate increase to the former FNORR customers as well as the Diesel Zone Residential customers in order to bring their rates in line with other residential customer rates is \$2.3 million for fiscal year 2020/21, with \$1.4 million flowing to general revenues and \$0.9 million flowing to the Major Capital Deferral Account. On an annualized basis the additional revenue is approximately \$3.1 million; with \$1.9 million flowing to general revenues and \$1.2 million flowing to the Major Capital Deferral Account.

As discussed in question 1 d. above, rates to all other classes were increased by 0.13% effective June 1, 2018 in order to maintain the 3.6% general revenue increase granted in Order 59/18. Transitioning the FNORR and Diesel Residential classes to the approved residential rate in August without a corresponding decrease in all other rates results in incremental revenue of 0.13% or approximately \$2 million dollars annually. In comparison to Manitoba Hydro's \$1.7 billion annual general consumers revenue base this does not constitute a material change in circumstance and is well within normal revenue variation from load and weather fluctuations. Further, the bill impacts for the typical residential customer of not reducing rates by the 0.13% are also not material, calculated as 11 cents per month to customers without electric heat using an average of 1,000 kWhs per month and 21 cents per month for an electrically-heated customer using 2,000 kWhs.

5. Calculate rates for all customer classes as of June 1, 2018 based on the Order 59/18 decision to approve a 3.6% general revenue increase, assuming no FNORR class, no 0% increase to Diesel Zone Residential rates, and implementation of the differentiated rate increases that address revenue to cost coverage ratios that are outside the zone of reasonableness as directed in Order 59/18.

Manitoba Hydro has recalculated the rates to remove the incremental 0.13% increase that was applied to other customer classes to recover the overall 3.6% increase on account of the 0% increase to FNORR and Diesel customers. Cost of service related rate differentiation to the GSL 0-30 kVA, GSL >100 kVA and General Service Small Non-Demand classes, as per Order 59/18, were maintained. The recalculated rates for Residential Customers are shown in the table below. Please see Attachment 3 for the recalculated rates for all customer classes.

Table 3 – Recalculated Residential Rates (per Question 5)

| | | 01-Jun-18 | 01-Jun-19 |
|---|----------------------|-----------|-----------|
| Residential Rates as Approved | Basic Monthly Charge | 8.41 | 8.62 |
| | Energy Charge | 0.08527 | 0.08740 |
| Recalculated Residential Rates had FNORR not been created | Basic Monthly Charge | 8.40 | 8.61 |
| | Energy Charge | 0.08517 | 0.08730 |

6. Using the recalculated rates from the prior request as the starting point, calculate rates for all customer classes as of June 1, 2019 based on the Order 69/19 decision to approve a 2.5% rate increase, assuming no FNORR class, no 0% increase to Diesel Zone Residential rates, and implementation of the differentiated rate increases that address revenue to cost coverage ratios that are outside the zone of reasonableness as directed in Order 69/19.

Please see Attachment 3 for the recalculated rates for all customer classes. Rates were calculated by increasing rates derived in Question 5 by 2.5% for the Residential (including the former FNORR class and Diesel Residential class), 2.5% to General Service Small Demand, General Service Medium, General Service Large, Area & Roadway Lighting and 1.3% to the General Service Small Non-Demand class.

7. Based on the June 1, 2019 recalculated rates in the prior request, calculate the bill impacts for Residential customers including former FNORR and Diesel Zone Residential customers if those rates were implemented August 1, 2020.

Table 4 below identifies the bill impacts for all Residential customers at the approved June 1, 2019 Residential rates compared to the implementation of recalculated rates in Questions 5 & 6, which remove the 0.13% incremental rate increase applied to all customer classes effective June 1, 2018, as a result of the FNORR and Diesel Residential customers receiving a 0% rate increase.

Table 4 – Residential Bill Impact Approved vs. Recalculated Rates (per questions 5 & 6)

| kWh | Residential Approved Rate June 1, 2019 \$ / Month | Recalculated June 1, 2019 Rate \$ / Month | Difference in \$ / Month | Percent Change |
|-------|---|---|--------------------------|----------------|
| 500 | \$52.32 | \$52.26 | (\$0.06) | -0.1% |
| 1 000 | \$96.02 | \$95.91 | (\$0.11) | -0.1% |
| 2 500 | \$227.12 | \$226.86 | (\$0.26) | -0.1% |
| 3 000 | \$270.82 | \$270.51 | (\$0.31) | -0.1% |
| 5 000 | \$445.62 | \$445.11 | (\$0.51) | -0.1% |

Table 5 below identifies the bill impacts for FNORR and Diesel Zone Residential customers at the approved FNORR and Diesel Residential rates compared to the implementation of recalculated rates in Questions 5 & 6. The rate increase to the FNORR and Diesel Residential class changes from 6.6% in Manitoba Hydro's June 23, 2020 submission to 6.5%.

Table 5 – FNORR and Diesel Residential One-time Bill Impact Approved vs. Recalculated Rates (per questions 5 &6)

| kWh | Approved FNORR & Diesel Residential Rate June 1, 2019 \$/ Month | Recalculated June 1, 2019 Rate \$/ Month | Difference in \$ / Month | Percent Change |
|-------|---|---|-----------------------------|-------------------|
| 500 | \$49.06 | \$52.26 | \$3.20 | 6.5% |
| 1 000 | \$90.04 | \$95.91 | \$5.87 | 6.5% |
| 2 500 | \$212.98 | \$226.86 | \$13.88 | 6.5% |
| 3 000 | \$253.96 | \$270.51 | \$16.55 | 6.5% |
| 5 000 | \$417.88 | \$445.11 | \$27.23 | 6.5% |

Please find as Attachment 4 the revised electric rate schedules, which are unchanged from those filed on June 23, 2020. In order to implement the rate change to the FNORR and Diesel Residential customers on August 1, 2020, Manitoba Hydro would appreciate the PUB's response by July 31, 2020.

Manitoba Hydro fully appreciates that migration to the Residential rate class and associated rate impacts are not welcome by the affected customers and are an unfortunate but not unanticipated result of this process. It is sincerely hoped, however, that the information presented herein satisfies the PUB that the revised rate schedules are consistent with the Court of Appeal's decision and that further review is not warranted as it does not constitute a substantial change of circumstance. As such, Manitoba Hydro requests that the PUB withdraw its directive not to implement the revised rate schedules on August 1, 2020 to allow Manitoba Hydro to migrate the FNORR customers to the residential rate class, and approve the application of the residential grid rate to the Diesel residential class.

If you have any further questions with respect to this matter, please do not hesitate to contact the writer at 204-360-3946.

Yours truly,

MANITOBA HYDRO LEGAL SERVICES DIVISION

Per:



Patricia J. Ramage
Barrister & Solicitor

Att.

ATTACHMENT 1 - Response to PUB Letter Question #1b

| | 2019 Fiscal Year | | | 2020 Fiscal Year | | | 2021 Fiscal Year* | | | Total additional revenue related to Order 59/18 |
|--------------|-----------------------|---------------------------------------|--|-----------------------|---------------------------------------|--|-----------------------|---------------------------------------|--|---|
| | Actual Revenue \$000s | Revised Revenue (no FNORR Adj) \$000s | Additional Revenue from June 2018 Adj \$000s | Actual Revenue \$000s | Revised Revenue (no FNORR Adj) \$000s | Additional Revenue from June 2018 Adj \$000s | Actual Revenue \$000s | Revised Revenue (no FNORR Adj) \$000s | Additional Revenue from June 2018 Adj \$000s | |
| Residential | 687 283 | 686 553 | 730 | 673 898 | 673 056 | 842 | 90 461 | 90 344 | 117 | 1 689 |
| GSSND | 169 374 | 169 194 | 180 | 168 132 | 167 922 | 210 | 48 734 | 48 671 | 63 | 453 |
| GSSD | 168 881 | 168 701 | 180 | 171 236 | 171 022 | 214 | 51 207 | 51 140 | 67 | 461 |
| GSM | 222 735 | 222 498 | 236 | 221 554 | 221 277 | 277 | 67 011 | 66 924 | 87 | 600 |
| GSL 0-30 | 104 146 | 104 036 | 110 | 105 984 | 105 852 | 132 | 33 217 | 33 174 | 43 | 285 |
| GSL 30-100 | 90 664 | 90 570 | 95 | 96 083 | 95 962 | 120 | 28 549 | 28 512 | 37 | 252 |
| GSL >100 | 185 683 | 185 490 | 192 | 178 965 | 178 741 | 224 | 60 442 | 60 363 | 79 | 495 |
| A&RL | 24 701 | 24 675 | 26 | 24 991 | 24 960 | 31 | 8 369 | 8 358 | 11 | 68 |
| Other | 7 356 | 7 344 | 12 | 6 773 | 6 764 | 8 | 432 | 431 | 1 | 21 |
| Total | | | 1 760 | | | 2 058 | | | 504 | 4 323 |

* Revenue based on April, May, June actuals and July forecast.

PROOF OF REVENUE
June 1, 2018 Rates vs June 1 2019 Rates
Annualized for the year ended March 31, 2020
(\$000s)

| | Calculated Revenue June 1, 2018 Rates | Calculated Revenue June 1, 2019 Rates | Diff. in Revenue Dollars | Diff. in Revenue Percent |
|------------------------------------|---|---|--------------------------------|--------------------------------|
| Basic | 659,339 | 675,809 | 16,469 | 2.5% |
| Residential on Reserve | 47,837 | 47,837 | - | 0.0% |
| Diesel | 713 | 713 | - | 0.0% |
| Seasonal | 7,976 | 8,175 | 199 | 2.5% |
| FRWH | 1,059 | 1,085 | 26 | 2.5% |
| Residential | \$ 716,925 | \$ 733,620 | \$ 16,695 | 2.3% |
| Small Non-Demand | 158,204 | 160,267 | 2,063 | 1.3% |
| Small Demand | 180,252 | 184,740 | 4,488 | 2.5% |
| Seasonal | 710 | 705 | (5) | -0.7% |
| FRWH | 438 | 444 | 6 | 1.3% |
| GS Small | \$ 339,604 | \$ 346,156 | \$ 6,552 | 1.9% |
| GS Medium | \$ 220,907 | \$ 226,488 | \$ 5,581 | 2.5% |
| Large 750 V - 30 kV | 115,307 | 118,166 | 2,860 | 2.5% |
| Large 30 - 100 kV | 89,074 | 91,309 | 2,235 | 2.5% |
| Large > 100 kV | 178,843 | 183,323 | 4,480 | 2.5% |
| GS Large | \$ 383,224 | \$ 392,798 | \$ 9,575 | 2.5% |
| Diesel GS & Gov. | 7,172 | 7,171 | (1) | 0.0% |
| SEP | 975 | 975 | - | 0.0% |
| General Service | \$ 951,882 | \$ 973,588 | \$ 21,707 | 2.3% |
| Area & Roadway Lighting | \$ 23,512 | \$ 24,100 | \$ 588 | 2.5% |
| Misc & Adjs | \$ 6,570 | \$ 6,734 | \$ 164 | 2.5% |
| DOMESTIC REVENUE | \$ 1,698,888 | \$ 1,738,042 | \$ 39,154 | 2.3% |

Note: Calculated Class Revenues now include the impact of DSM savings, which were previously reported on a consolidated basis as a separate line item entitled DSM Reduction.

ATTACHMENT 3 - Response to PUB Letter Questions #5 and #6

| <u>RESIDENTIAL</u> | Approved Rates effective June 1, 2018 | Recalculated Rates (per question 5) | Difference | Approved Rates effective June 1, 2019 | Recalculated Rates (per question 6) | Difference |
|---|--|--|-------------------|--|--|-------------------|
| Residential | | | | | | |
| Basic Monthly Charge | \$8.41 | \$8.40 | -0.1% | \$8.62 | \$8.61 | -0.1% |
| Additional charge if >200 amp | \$8.41 | \$8.40 | -0.1% | \$8.62 | \$8.61 | -0.1% |
| Energy Charge per kWh | \$0.08527 | \$0.08517 | -0.1% | \$0.08740 | \$0.08730 | -0.1% |
| First Nations on Reserve Residential | | | | | | |
| Basic Monthly Charge | \$8.08 | \$8.40 | 4.0% | \$8.08 | \$8.61 | 6.6% |
| Additional charge if >200 amp | \$8.08 | \$8.40 | 4.0% | \$8.08 | \$8.61 | 6.6% |
| Energy Charge per kWh | \$0.08196 | \$0.08517 | 3.9% | \$0.08196 | \$0.08730 | 6.5% |
| Residential Diesel | | | | | | |
| Basic Monthly Charge | \$8.08 | \$8.40 | 4.0% | \$8.08 | \$8.61 | 6.6% |
| Energy Charge per kWh | \$0.08196 | \$0.08517 | 3.9% | \$0.08196 | \$0.08730 | 6.5% |
| Residential Seasonal | | | | | | |
| Annual Customer Charge | \$100.92 | \$100.80 | -0.1% | \$103.44 | \$103.32 | -0.1% |
| Energy Charge per kWh | \$0.08527 | \$0.08517 | -0.1% | \$0.08740 | \$0.08730 | -0.1% |

| | Approved Rates effective June 1, 2018 | Recalculated Rates (per question 5) | Effective Increase | Approved Rates effective June 1, 2019 | Recalculated Rates (per question 6) | Effective Increase |
|--|---|--|-----------------------|---|--|-----------------------|
| GENERAL SERVICE | | | | | | |
| Small Non-Demand | | | | | | |
| Basic Monthly Charge | \$21.07 | \$21.07 | 0.0% | \$20.09 | \$20.09 | 0.0% |
| Additional Charge for 3 Phase | \$8.63 | \$8.63 | 0.0% | \$11.49 | \$11.49 | 0.0% |
| Energy charge - 1st 11000 kWh | \$0.08896 | \$0.08889 | -0.1% | \$0.09012 | \$0.09005 | -0.1% |
| Balance of kWh | \$0.06320 | \$0.06320 | 0.0% | \$0.06662 | \$0.06662 | 0.0% |
| Small Demand | | | | | | |
| Basic Monthly Charge | \$21.07 | \$21.07 | 0.0% | \$20.09 | \$20.09 | 0.0% |
| Additional Charge for 3 Phase | \$8.63 | \$8.63 | 0.0% | \$11.49 | \$11.49 | 0.0% |
| Energy charge - 1st 11000 kWh | \$0.08896 | \$0.08889 | -0.1% | \$0.09012 | \$0.09005 | -0.1% |
| Energy Charge - Next 8500 kWh block | \$0.06320 | \$0.06320 | 0.0% | \$0.06662 | \$0.06662 | 0.0% |
| Energy Charge - Balance of kWh | \$0.04108 | \$0.04105 | -0.1% | \$0.04211 | \$0.04208 | -0.1% |
| Monthly Demand Charge per kVA | \$10.52 | \$10.51 | -0.1% | \$10.78 | \$10.77 | -0.1% |
| LUBD Small | | | | | | |
| Basic Monthly Charge | \$21.07 | \$21.07 | 0.0% | \$20.09 | \$20.09 | 0.0% |
| Additional Charge for 3 Phase | \$8.63 | \$8.63 | 0.0% | \$11.49 | \$11.49 | 0.0% |
| Energy Charge per kWh | \$0.10177 | \$0.10168 | -0.1% | \$0.10426 | \$0.10423 | 0.0% |
| Monthly Demand Charge per kVA | \$2.63 | \$2.63 | 0.0% | \$2.70 | \$2.69 | -0.4% |
| Seasonal | | | | | | |
| Mthly Avg Custs | \$252.84 | \$252.84 | 0.0% | \$241.08 | \$241.08 | 0.0% |
| 3Ph Cust Months | \$103.56 | \$103.56 | 0.0% | \$137.88 | \$137.88 | 0.0% |
| 1st 11000 kWh block | \$0.08896 | \$0.08889 | -0.1% | \$0.09012 | \$0.09005 | -0.1% |
| Next 8500 kWh block | \$0.06320 | \$0.06320 | 0.0% | \$0.06662 | \$0.06662 | 0.0% |
| Medium Demand | | | | | | |
| Basic Monthly Charge | \$31.35 | \$31.35 | 0.0% | \$31.58 | \$31.58 | 0.0% |
| Energy Charge - 1st 11000 kWh block | \$0.08896 | \$0.08889 | -0.1% | \$0.09012 | \$0.09005 | -0.1% |
| Energy Charge - Next 8500 kWh block | \$0.06320 | \$0.06320 | 0.0% | \$0.06662 | \$0.06662 | 0.0% |
| Energy Charge - Balance of kWh | \$0.04108 | \$0.04105 | -0.1% | \$0.04211 | \$0.04208 | -0.1% |
| Monthly Demand Charge per kVA | \$10.52 | \$10.51 | -0.1% | \$10.78 | \$10.77 | -0.1% |
| LUBD Medium | | | | | | |
| Basic Monthly Charge | \$31.35 | \$31.35 | 0.0% | \$31.58 | \$31.58 | 0.0% |
| Energy Charge per kWh | \$0.10177 | \$0.10168 | -0.1% | \$0.10426 | \$0.10423 | 0.0% |
| Monthly Demand Charge per kVA | \$2.63 | \$2.63 | 0.0% | \$2.70 | \$2.69 | -0.4% |
| Diesel Govt | | | | | | |
| Basic Monthly Charge | \$21.07 | \$21.07 | 0.0% | \$20.09 | \$20.09 | 0.0% |
| Energy Charge per kWh | \$2.59382 | \$2.59382 | 0.0% | \$2.59382 | \$2.59382 | 0.0% |
| Diesel Non-Govt | | | | | | |
| Basic Monthly Charge | \$21.07 | \$21.07 | 0.0% | \$20.09 | \$20.09 | 0.0% |
| Energy Charge per kWh - 1st 2000 kWh block | \$0.08896 | \$0.08889 | -0.1% | \$0.09012 | \$0.09005 | -0.1% |
| Energy Charge - Balance of kWh | \$0.42617 | \$0.42617 | 0.0% | \$0.42617 | \$0.42617 | 0.0% |

| | Approved Rates effective June 1, 2018 | Recalculated Rates (per question 5) | Effective Increase | Approved Rates effective June 1, 2019 | Recalculated Rates (per question 6) | Effective Increase |
|-------------------------------|---|--|-----------------------|---|--|-----------------------|
| GENERAL SERVICE | | | | | | |
| Large 750V-30kV | | | | | | |
| Energy Charge per kWh | \$0.03859 | \$0.03854 | -0.1% | \$0.03955 | \$0.03950 | -0.1% |
| Monthly Demand Charge per kVA | \$8.92 | \$8.91 | -0.1% | \$9.14 | \$9.13 | -0.1% |
| LUBD Lrg 750V-30kV | | | | | | |
| Energy Charge per kWh | \$0.09005 | \$0.08994 | -0.1% | \$0.09224 | \$0.09219 | -0.1% |
| Monthly Demand Charge per kVA | \$2.23 | \$2.23 | 0.0% | \$2.29 | \$2.28 | -0.4% |
| Large 30-100 kV | | | | | | |
| Energy Charge per kWh | \$0.03550 | \$0.03546 | -0.1% | \$0.03639 | \$0.03635 | -0.1% |
| Monthly Demand Charge per kVA | \$7.56 | \$7.55 | -0.1% | \$7.75 | \$7.74 | -0.1% |
| LUBD Large 30-100 kV | | | | | | |
| Energy Charge per kWh | \$0.07912 | \$0.07902 | -0.1% | \$0.08108 | \$0.08097 | -0.1% |
| Monthly Demand Charge per kVA | \$1.89 | \$1.89 | 0.0% | \$1.94 | \$1.94 | 0.0% |
| Large >100 kV | | | | | | |
| Energy Charge per kWh | \$0.03443 | \$0.03440 | -0.1% | \$0.03529 | \$0.03526 | -0.1% |
| Monthly Demand Charge per kVA | \$6.73 | \$6.72 | -0.1% | \$6.90 | \$6.89 | -0.1% |
| LUBD Lrg >100 kV | | | | | | |
| Energy Charge per kWh | \$0.07326 | \$0.07317 | -0.1% | \$0.07506 | \$0.07503 | 0.0% |
| Monthly Demand Charge per kVA | \$1.68 | \$1.68 | 0.0% | \$1.73 | \$1.72 | -0.6% |

AREA & ROADWAY LIGHTING

| | Approved Rates effective June 1, 2018 | Recalculated Rates (per question 5) | Effective Increase | Approved Rates effective June 1, 2019 | Recalculated Rates (per question 6) | Effective Increase |
|---|---|--|-----------------------|---|--|-----------------------|
| <u>Outdoor Lighting</u> | | | | | | |
| Shared - Incandescent | | | | | | |
| 100 INC | \$5.27 | \$5.27 | 0.0% | \$5.40 | \$5.40 | 0.0% |
| 500 INC | \$13.82 | \$13.80 | -0.1% | \$14.17 | \$14.15 | -0.1% |
| Shared Mercury Vapour | | | | | | |
| 175 MV | \$10.22 | \$10.20 | -0.2% | \$10.48 | \$10.46 | -0.2% |
| 250 MV | \$11.69 | \$11.68 | -0.1% | \$11.98 | \$11.97 | -0.1% |
| 400 MV | \$16.03 | \$16.01 | -0.1% | \$16.43 | \$16.41 | -0.1% |
| Shared High Pressure Sodium Vapour | | | | | | |
| 70 HPS | \$8.78 | \$8.77 | -0.1% | \$9.00 | \$8.99 | -0.1% |
| 100 HPS | \$9.11 | \$9.10 | -0.1% | \$9.34 | \$9.33 | -0.1% |
| 150 HPS | \$11.17 | \$11.16 | -0.1% | \$11.45 | \$11.44 | -0.1% |
| 250 HPS | \$14.23 | \$14.22 | -0.1% | \$14.59 | \$14.58 | -0.1% |
| 400 HPS | \$16.33 | \$16.31 | -0.1% | \$16.74 | \$16.72 | -0.1% |
| 750 HPS | \$25.32 | \$25.29 | -0.1% | \$25.95 | \$25.92 | -0.1% |
| Shared Light Emitting Diode | | | | | | |
| 40 LED | \$7.55 | \$7.54 | -0.1% | \$7.74 | \$7.73 | -0.1% |
| 60 LED (incl old 80 W) | \$7.71 | \$7.70 | -0.1% | \$7.90 | \$7.89 | -0.1% |
| 90 LED (incl old 110 W) | \$9.23 | \$9.22 | -0.1% | \$9.46 | \$9.45 | -0.1% |
| 150 LED (incl old 180W) | \$10.99 | \$10.97 | -0.2% | \$11.26 | \$11.24 | -0.2% |
| 250 LED | \$11.14 | \$11.13 | -0.1% | \$11.42 | \$11.41 | -0.1% |
| Exclusive | | | | | | |
| 200 FLORESC. | \$11.48 | \$11.46 | -0.2% | \$11.77 | \$11.75 | -0.2% |
| 20 COMPACT FL. | \$2.46 | \$2.45 | -0.4% | \$2.52 | \$2.51 | -0.4% |
| Exclusive Incandescent | | | | | | |
| 100 INC | \$11.48 | \$11.46 | -0.2% | \$11.77 | \$11.75 | -0.2% |
| 150 INC | \$11.48 | \$11.46 | -0.2% | \$11.77 | \$11.75 | -0.2% |
| 300 INC | \$16.35 | \$16.34 | -0.1% | \$16.76 | \$16.75 | -0.1% |
| 500 INC | \$22.53 | \$22.51 | -0.1% | \$23.09 | \$23.07 | -0.1% |
| Exclusive Metal Halide | | | | | | |
| 400 MH | \$27.47 | \$27.43 | -0.1% | \$28.16 | \$28.12 | -0.1% |
| Exclusive Mercury Vapour | | | | | | |
| 175 MV | \$16.35 | \$16.34 | -0.1% | \$16.76 | \$16.75 | -0.1% |
| 250 MV | \$18.52 | \$18.50 | -0.1% | \$18.98 | \$18.96 | -0.1% |
| 400 MV | \$22.15 | \$22.12 | -0.1% | \$22.70 | \$22.67 | -0.1% |
| Exclusive High Pressure Sodium | | | | | | |
| 70 HPS | \$14.42 | \$14.40 | -0.1% | \$14.78 | \$14.76 | -0.1% |
| 70 HPS 24 | \$16.21 | \$16.19 | -0.1% | \$16.62 | \$16.59 | -0.2% |
| 100 HPS | \$15.21 | \$15.19 | -0.1% | \$15.59 | \$15.57 | -0.1% |
| 150 HPS | \$17.18 | \$17.16 | -0.1% | \$17.61 | \$17.59 | -0.1% |
| 250 HPS | \$19.80 | \$19.78 | -0.1% | \$20.30 | \$20.27 | -0.1% |
| 400 HPS | \$27.47 | \$27.43 | -0.1% | \$28.16 | \$28.12 | -0.1% |
| 400 HPS 2-100 | \$42.46 | \$42.41 | -0.1% | \$43.52 | \$43.47 | -0.1% |
| 400 HPS 4-100 | \$31.18 | \$31.14 | -0.1% | \$31.96 | \$31.92 | -0.1% |
| 750 HPS | \$40.15 | \$40.10 | -0.1% | \$41.15 | \$41.10 | -0.1% |
| 1000 HPS | \$46.59 | \$46.53 | -0.1% | \$47.75 | \$47.69 | -0.1% |
| 1000 HPS 1-60 | \$47.66 | \$47.60 | -0.1% | \$48.85 | \$48.79 | -0.1% |
| 1000 HPS 2-100 | \$57.12 | \$57.05 | -0.1% | \$58.55 | \$58.48 | -0.1% |
| 1000 HPS 4-100 | \$48.98 | \$48.92 | -0.1% | \$50.20 | \$50.14 | -0.1% |
| Exclusive Light Emitting Diode | | | | | | |
| 10 W LED | \$2.24 | \$2.23 | -0.4% | \$2.30 | \$2.29 | -0.4% |
| 40 LED | \$13.18 | \$13.17 | -0.1% | \$13.51 | \$13.50 | -0.1% |
| 60 LED (incl old 80 W) | \$13.80 | \$13.78 | -0.1% | \$14.15 | \$14.12 | -0.2% |
| 90 LED (incl old 110 W) | \$15.23 | \$15.21 | -0.1% | \$15.61 | \$15.59 | -0.1% |
| 150 LED (incl old 180W) | \$16.55 | \$16.53 | -0.1% | \$16.96 | \$16.94 | -0.1% |
| 150 LED 2/100' | \$26.79 | \$26.76 | -0.1% | \$27.46 | \$27.43 | -0.1% |
| 150 LED 4/100' | \$18.69 | \$18.66 | -0.2% | \$19.16 | \$19.13 | -0.2% |
| 250 LED | \$22.27 | \$22.25 | -0.1% | \$22.83 | \$22.81 | -0.1% |
| 250 LED 2/100' | \$37.26 | \$37.21 | -0.1% | \$38.19 | \$38.14 | -0.1% |
| 250 LED 4/100' | \$25.99 | \$25.96 | -0.1% | \$26.64 | \$26.61 | -0.1% |

| | Approved Rates effective June 1, 2019 | Recalculated Rates (per question 5) | Effective Increase | Approved Rates effective June 1, 2019 | Recalculated Rates (per question 6) | Effective Increase |
|---------------------------------|---|--|-----------------------|---|--|-----------------------|
| <u>Flood Lighting</u> | | | | | | |
| Shared - Incandescent | | | | | | |
| 100 INCF | \$5.98 | \$5.98 | 0.0% | \$6.13 | \$6.13 | 0.0% |
| 150 INCF | \$5.98 | \$5.98 | 0.0% | \$6.13 | \$6.13 | 0.0% |
| 300 INCF | \$10.90 | \$10.89 | -0.1% | \$11.17 | \$11.16 | -0.1% |
| 500 INCF | \$14.68 | \$14.66 | -0.1% | \$15.05 | \$15.03 | -0.1% |
| Shared Mercury Vapour | | | | | | |
| 250 MVF | \$13.51 | \$13.50 | -0.1% | \$13.85 | \$13.84 | -0.1% |
| 400 MVF | \$16.52 | \$16.50 | -0.1% | \$16.93 | \$16.91 | -0.1% |
| Shared Quartz | | | | | | |
| 500 QF | \$22.71 | \$22.68 | -0.1% | \$23.28 | \$23.25 | -0.1% |
| Exclusive Incandescent | | | | | | |
| 150 INCF | \$12.40 | \$12.39 | -0.1% | \$12.71 | \$12.70 | -0.1% |
| 500 INCF | \$24.03 | \$24.00 | -0.1% | \$24.63 | \$24.60 | -0.1% |
| Exclusive Mercury Vapour | | | | | | |
| 250 MVF | \$19.78 | \$19.75 | -0.2% | \$20.27 | \$20.24 | -0.1% |
| 400 MVF | \$22.18 | \$22.15 | -0.1% | \$22.73 | \$22.70 | -0.1% |
| Exclusive Quartz | | | | | | |
| 500 QF | \$28.78 | \$28.74 | -0.1% | \$29.50 | \$29.46 | -0.1% |

| | Approved Rates effective June 1, 2019 | Recalculated Rates (per question 5) | Effective Increase | Approved Rates effective June 1, 2019 | Recalculated Rates (per question 6) | Effective Increase |
|---------------------------------------|---|--|-----------------------|---|--|-----------------------|
| <u>Seasonal Lighting</u> | | | | | | |
| Shared High Pressure Sodium | | | | | | |
| 70 HPS | \$8.78 | \$8.77 | -0.1% | \$9.00 | \$8.99 | -0.1% |
| 100 HPS | \$9.11 | \$9.10 | -0.1% | \$9.34 | \$9.33 | -0.1% |
| 150 HPS | \$11.17 | \$11.16 | -0.1% | \$11.45 | \$11.44 | -0.1% |
| 250 HPS | \$14.23 | \$14.21 | -0.1% | \$14.59 | \$14.57 | -0.1% |
| Shared Light Emitting Diode | | | | | | |
| 40 LED (> 30 – 50 W) | \$7.55 | \$7.54 | -0.1% | \$7.74 | \$7.73 | -0.1% |
| 60 LED (> 50 – 80 W) | \$7.71 | \$7.70 | -0.1% | \$7.90 | \$7.89 | -0.1% |
| 90 LED(> 80 – 120 W) | \$9.23 | \$9.22 | -0.1% | \$9.46 | \$9.45 | -0.1% |
| 150 LED (> 120 – 180 W) | \$10.99 | \$10.98 | -0.1% | \$11.26 | \$11.25 | -0.1% |
| 250 LED(> 180 – 280 W) | \$11.14 | \$11.13 | -0.1% | \$11.42 | \$11.41 | -0.1% |
| Exclusive High Pressure Sodium | | | | | | |
| 70 HPS | \$14.42 | \$14.40 | -0.1% | \$14.78 | \$14.76 | -0.1% |
| 100 HPS | \$15.21 | \$15.19 | -0.1% | \$15.59 | \$15.57 | -0.1% |
| 150 HPS | \$17.18 | \$17.16 | -0.1% | \$17.61 | \$17.59 | -0.1% |
| 250 HPS | \$19.80 | \$19.78 | -0.1% | \$20.30 | \$20.27 | -0.1% |
| Exclusive Light Emitting Diode | | | | | | |
| 40 LED (> 30 – 50 W) | \$13.18 | \$13.16 | -0.2% | \$13.51 | \$13.49 | -0.1% |
| 60 LED (> 50 – 80 W) | \$13.80 | \$13.78 | -0.1% | \$14.15 | \$14.12 | -0.2% |
| 90 LED(> 80 – 120 W) | \$15.23 | \$15.21 | -0.1% | \$15.61 | \$15.59 | -0.1% |
| 150 LED (> 120 – 180 W) | \$16.55 | \$16.53 | -0.1% | \$16.96 | \$16.94 | -0.1% |
| 250 LED(> 180 – 280 W) | \$22.27 | \$22.24 | -0.1% | \$22.83 | \$22.80 | -0.1% |

| <u>Sentinel Flat Rate (Energy & Rental)</u> | Approved Rates effective June 1, 2019 | Recalculated Rates (per question 5) | Effective Increase | Approved Rates effective June 1, 2019 | Recalculated Rates (per question 6) | Effective Increase |
|--|--|--|-------------------------------|--|--|-------------------------------|
| High Pressure Sodium | | | | | | |
| 100 HPS | \$11.30 | \$11.29 | -0.1% | \$11.58 | \$11.57 | -0.1% |
| 150 HPS | \$14.97 | \$14.95 | -0.1% | \$15.34 | \$15.32 | -0.1% |
| Mercury Vapour | | | | | | |
| 175 MV | \$11.66 | \$11.65 | -0.1% | \$11.95 | \$11.94 | -0.1% |
| 400 MV | \$19.30 | \$19.28 | -0.1% | \$19.78 | \$19.76 | -0.1% |
| Light Emitting Diode | | | | | | |
| 60 LED | \$9.89 | \$9.88 | -0.1% | \$10.14 | \$10.13 | -0.1% |
| 90 LED | \$13.03 | \$13.01 | -0.2% | \$13.36 | \$13.34 | -0.1% |

| <u>Sentinel Metered (Rental Only)</u> | Approved Rates effective June 1, 2019 | Recalculated Rates (per question 5) | Effective Increase | Approved Rates effective June 1, 2019 | Recalculated Rates (per question 6) | Effective Increase |
|--|--|--|-------------------------------|--|--|-------------------------------|
| High Pressure Sodium | | | | | | |
| 100 HPS | \$7.79 | \$7.78 | -0.1% | \$7.98 | \$7.97 | -0.1% |
| 150 HPS | \$10.63 | \$10.62 | -0.1% | \$10.90 | \$10.89 | -0.1% |
| Mercury Vapour | | | | | | |
| 175 MV | \$7.79 | \$7.78 | -0.1% | \$7.98 | \$7.97 | -0.1% |
| 400 MV | \$10.63 | \$10.62 | -0.1% | \$10.90 | \$10.89 | -0.1% |
| Light Emitting Diode | | | | | | |
| 60 LED | \$7.79 | \$7.78 | -0.1% | \$7.98 | \$7.97 | -0.1% |
| 90 LED | \$10.63 | \$10.62 | -0.1% | \$10.90 | \$10.89 | -0.1% |

FLAT RATE WATER HEATING

| <i>Residential Flat Rate Water Heating</i> | Approved Rates effective June 1, 2019 | Recalculated Rates (per question 5) | Effective Increase | Approved Rates effective June 1, 2019 | Recalculated Rates (per question 6) | Effective Increase |
|---|--|--|-------------------------------|--|--|-------------------------------|
| Controlled | | | | | | |
| Controlled-500W | \$13.13 | \$13.11 | -0.2% | \$13.46 | \$13.44 | -0.1% |
| Controlled-600W | \$15.56 | \$15.55 | -0.1% | \$15.95 | \$15.94 | -0.1% |
| Controlled-750W | \$19.10 | \$19.08 | -0.1% | \$19.58 | \$19.56 | -0.1% |
| Controlled-900W | \$22.71 | \$22.68 | -0.1% | \$23.28 | \$23.25 | -0.1% |
| Controlled-1000W | \$25.04 | \$25.01 | -0.1% | \$25.67 | \$25.64 | -0.1% |
| Controlled-1200W | \$28.43 | \$28.40 | -0.1% | \$29.14 | \$29.11 | -0.1% |
| Controlled-1250W | \$29.28 | \$29.24 | -0.1% | \$30.01 | \$29.97 | -0.1% |
| Controlled-1500W | \$33.51 | \$33.47 | -0.1% | \$34.35 | \$34.31 | -0.1% |
| Controlled-2000W | \$40.33 | \$40.28 | -0.1% | \$41.34 | \$41.29 | -0.1% |
| Controlled-3000W | \$49.69 | \$49.63 | -0.1% | \$50.93 | \$50.87 | -0.1% |
| Controlled-4000W | \$61.94 | \$61.86 | -0.1% | \$63.49 | \$63.41 | -0.1% |
| Controlled-4500W | \$69.17 | \$69.08 | -0.1% | \$70.90 | \$70.81 | -0.1% |
| Controlled QR-1500 / 1000W | \$26.06 | \$26.03 | -0.1% | \$26.71 | \$26.68 | -0.1% |
| Controlled QR-3000 / 1000W | \$27.31 | \$27.28 | -0.1% | \$27.99 | \$27.96 | -0.1% |
| Controlled QR-2000 / 1500W | \$36.28 | \$36.24 | -0.1% | \$37.19 | \$37.15 | -0.1% |
| Controlled QR-3000 / 1500W | \$37.13 | \$37.09 | -0.1% | \$38.06 | \$38.02 | -0.1% |
| Controlled QR-4500 / 1500W | \$38.40 | \$38.36 | -0.1% | \$39.36 | \$39.32 | -0.1% |
| Uncontrolled | | | | | | |
| Uncontrolled-500W | \$17.35 | \$17.33 | -0.1% | \$17.78 | \$17.76 | -0.1% |
| Uncontrolled-600W | \$20.65 | \$20.63 | -0.1% | \$21.17 | \$21.15 | -0.1% |
| Uncontrolled-750W | \$25.47 | \$25.44 | -0.1% | \$26.11 | \$26.08 | -0.1% |
| Uncontrolled-900W | \$30.27 | \$30.23 | -0.1% | \$31.03 | \$30.99 | -0.1% |
| Uncontrolled-1000W | \$33.51 | \$33.47 | -0.1% | \$34.35 | \$34.31 | -0.1% |
| Uncontrolled-1200W | \$37.60 | \$37.56 | -0.1% | \$38.54 | \$38.50 | -0.1% |
| Uncontrolled-1500W | \$43.63 | \$43.58 | -0.1% | \$44.72 | \$44.67 | -0.1% |
| Uncontrolled-2000W | \$52.61 | \$52.55 | -0.1% | \$53.93 | \$53.86 | -0.1% |
| Uncontrolled-2500W | \$58.95 | \$58.88 | -0.1% | \$60.42 | \$60.35 | -0.1% |
| Uncontrolled-3000W | \$65.36 | \$65.28 | -0.1% | \$66.99 | \$66.91 | -0.1% |
| Uncontrolled-4000W | \$80.25 | \$80.15 | -0.1% | \$82.26 | \$82.15 | -0.1% |
| Uncontrolled-4500W | \$89.09 | \$88.98 | -0.1% | \$91.32 | \$91.20 | -0.1% |
| Uncontrolled QR-15 / 10W | \$34.85 | \$34.81 | -0.1% | \$35.72 | \$35.68 | -0.1% |
| Uncontrolled QR-20 / 10W | \$35.72 | \$35.67 | -0.1% | \$36.61 | \$36.56 | -0.1% |
| Uncontrolled QR-30 / 10W | \$36.99 | \$36.94 | -0.1% | \$37.91 | \$37.86 | -0.1% |
| Uncontrolled QR-20 / 15W | \$48.50 | \$48.45 | -0.1% | \$49.71 | \$49.66 | -0.1% |
| Uncontrolled QR-30 / 15W | \$49.41 | \$49.35 | -0.1% | \$50.65 | \$50.58 | -0.1% |
| Uncontrolled QR-45 / 15W | \$51.39 | \$51.32 | -0.1% | \$52.67 | \$52.60 | -0.1% |

FLAT RATE WATER HEATING

| <i>General Service Flat Rate Water Heating</i> | Approved Rates effective June 1, 2019 | Recalculated Rates (per question 5) | Effective Increase | Approved Rates effective June 1, 2019 | Recalculated Rates (per question 6) | Effective Increase |
|--|---|--|-----------------------|---|--|-----------------------|
| 500W | \$18.24 | \$18.22 | -0.1% | \$18.48 | \$18.46 | -0.1% |
| 750W | \$27.22 | \$27.19 | -0.1% | \$27.57 | \$27.54 | -0.1% |
| 1000W | \$36.60 | \$36.56 | -0.1% | \$37.08 | \$37.04 | -0.1% |
| 1200W | \$43.49 | \$43.74 | 0.6% | \$44.36 | \$44.31 | -0.1% |
| 1500W | \$54.47 | \$54.41 | -0.1% | \$55.18 | \$55.12 | -0.1% |
| 2000W | \$68.28 | \$68.22 | -0.1% | \$69.17 | \$69.11 | -0.1% |
| 2500W | \$82.11 | \$82.03 | -0.1% | \$83.18 | \$83.10 | -0.1% |
| 3000W | \$95.54 | \$95.45 | -0.1% | \$96.78 | \$96.69 | -0.1% |
| 3500W | \$108.98 | \$108.87 | -0.1% | \$110.40 | \$110.29 | -0.1% |
| 4000W | \$122.41 | \$122.29 | -0.1% | \$124.00 | \$123.88 | -0.1% |
| 4500W | \$135.85 | \$135.72 | -0.1% | \$137.62 | \$137.48 | -0.1% |
| 5000W | \$149.28 | \$149.13 | -0.1% | \$151.22 | \$151.07 | -0.1% |
| 6000W | \$176.16 | \$175.99 | -0.1% | \$178.45 | \$178.28 | -0.1% |
| 6500W | \$195.04 | \$194.85 | -0.1% | \$197.58 | \$197.38 | -0.1% |
| 7000W | \$203.00 | \$202.80 | -0.1% | \$205.64 | \$205.44 | -0.1% |
| 7500W | \$222.67 | \$222.45 | -0.1% | \$225.56 | \$225.34 | -0.1% |
| 8000W | \$229.86 | \$229.64 | -0.1% | \$232.85 | \$232.63 | -0.1% |
| 9000W | \$256.70 | \$256.45 | -0.1% | \$260.04 | \$259.78 | -0.1% |
| 10000W | \$283.60 | \$283.33 | -0.1% | \$287.29 | \$287.01 | -0.1% |
| 10500W | \$297.09 | \$296.80 | -0.1% | \$300.95 | \$300.66 | -0.1% |
| 12000W | \$337.36 | \$337.03 | -0.1% | \$341.75 | \$341.41 | -0.1% |
| 12500W | \$350.80 | \$350.45 | -0.1% | \$355.36 | \$355.01 | -0.1% |
| 13000W | \$364.24 | \$363.89 | -0.1% | \$368.98 | \$368.62 | -0.1% |
| 13500W | \$377.52 | \$377.15 | -0.1% | \$382.43 | \$382.05 | -0.1% |
| 15000W | \$417.95 | \$417.54 | -0.1% | \$423.38 | \$422.97 | -0.1% |
| 16000W | \$444.82 | \$444.38 | -0.1% | \$450.60 | \$450.16 | -0.1% |
| 18000W | \$498.62 | \$498.13 | -0.1% | \$505.10 | \$504.61 | -0.1% |
| 20000W | \$552.31 | \$551.78 | -0.1% | \$559.49 | \$558.95 | -0.1% |
| 3000 / 1000W | \$44.59 | \$44.54 | -0.1% | \$45.17 | \$45.12 | -0.1% |
| 4500 / 1500W | \$58.46 | \$58.41 | -0.1% | \$59.22 | \$59.17 | -0.1% |

APPROVED RATES

EFFECTIVE

JUNE 1, 2019

IN ACCORDANCE WITH

BOARD ORDER 69/19

AND AS AMENDED BY THE PUB

EFFECTIVE AUGUST 1, 2020



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DEFINITIONS

All Rates Schedules in the publication are applied on a MONTHLY basis except as noted.

The following expressions shall have the following meanings:

- a) “Basic Charge”: a fixed charge that that does not change with the amount of electricity used. This includes the direct costs of metering, portions of the distribution system, as well as billing administration.
- b) “Billing Demand”: the greatest of the following (expressed in kVA)
 - i. measured demand; or
 - ii. % of contract demand; or
 - iii. % of the highest measured demand in the previous 12 months.
- c) “Billing Month”: the period of time, generally 30 days, in which Energy and/or Demand is consumed and thereafter billed to the Customer.
- d) “Demand”: the maximum use of power within a specified period of time.
- e) “Demand Charge”: the portion of the charge for electric service based upon the electric capacity (kVA) consumed and billed on the basis of the billing demand under an applicable rate schedule.
- f) “Energy”: power integrated over time and measured or expressed in kilowatt-hours (kWh).
- g) “Energy Charge”: the portion of the charge for electric service based upon the electric energy (kWh) consumed or billed.
- h) “Kilo-Volt Amperes (kVA)”: also referred to as apparent power, is the product of the volts times current of a circuit divided by 1000. It is composed of both real and reactive power.
- i) “Kilowatt Hour (kWh)”: the basic unit of electric energy equal to one kilowatt of power supplied to or taken from an electric circuit steadily for one hour.
- j) “Measured Demand”: the highest demand recorded in the Billing Month.
- k) “Power Factor”: the ratio of real power (kW) to apparent power (kVA) for any given load and time. Generally it is expressed as a percentage ratio.
- l) “Watt (W)”: the electrical unit of power or rate of doing work; the rate of energy transfer equivalent to one ampere flowing under a pressure of one volt at unity power factor.

RESIDENTIAL RATES

RESIDENTIAL - TARIFF NO. 2019-01

| | |
|----------------|-----------------|
| Basic Charge: | \$ 8.62 |
| PLUS | |
| Energy Charge: | |
| All kWh | @ 8.740 ¢ / kWh |
| Minimum Bill: | \$ 8.62 |

Services over 200 amps will have \$8.62 added to the Basic Charge.

Applicability:

The Residential rate is applicable for all residential purposes as follows:

- a) individually metered single family dwellings including those in multiple residential projects and single or three phase farm operations served through the same meter if:
 - i. the connected business load does NOT exceed 3 kW; or
 - ii. the combined agricultural and residential load does NOT exceed a demand of 50 kW.

- b) services for personal use outside the home, such as residential water wells, private garages, boat houses and swimming pools (use can be for household, recreational and hobby activities).

- c) single metered multiple residential projects meeting all the following criteria:
 - i. monthly demand does not exceed 50 kVA;
 - ii. the meter serves four or less individual suites or dwelling units;
 - iii. none of the units are used for business purposes;
 - iv. individual dwelling units are:
 - self-contained rental apartments with common facilities; or
 - row housing with self-contained rental dwelling units and common facilities;
 - or
 - buildings with condominium type dwellings incorporated under *the Condominium Act*; or individual residential services within a trailer park established prior to May 1, 1969.

RESIDENTIAL RATES

SEASONAL - TARIFF NO. 2019-02

| | |
|----------------------|-----------------|
| Annual Basic Charge: | \$ 103.44 |
| PLUS | |
| Energy Charge: | |
| All kWh | @ 8.740 ¢ / kWh |
| Minimum Annual Bill: | \$ 103.44 |

The account is billed twice a year, April and October, each for a six-month period. The April billing is for the Annual Basic Charge plus past winter season's consumption. The October billing is for the summer season's consumption only.

Applicability:

The Seasonal rate is applicable to customers outside of the Winnipeg area using less than 7,500 kWh per season and is for residential purposes on an individually metered service when usage is of a casual or intermittent nature.

DIESEL - TARIFF NO. 2019-03

| | |
|----------------|-----------------|
| Basic Charge: | \$ 8.62 |
| PLUS | |
| Energy Charge: | |
| All kWh | @ 8.740 ¢ / kWh |
| Minimum Bill: | \$ 8.62 |

Applicability:

The Residential rate applies to all residential services in the Diesel Communities, provided the service capacity does not exceed 60 A, 120/240 V, single phase.

RESIDENTIAL

FLAT RATE WATER HEATING RATES

(NOT available for new services)

| <u>Element Size</u> | <u>TARIFF NO. 2019-09</u> <u>Controlled</u> | <u>TARIFF NO. 2019-10</u> <u>Uncontrolled</u> |
|---------------------|--|--|
| 500 W | \$ 13.46 | \$ 17.78 |
| 600 W | \$ 15.95 | \$ 21.17 |
| 750 W | \$ 19.58 | \$ 26.11 |
| 900 W | \$ 23.28 | \$ 31.03 |
| 1,000 W | \$ 25.67 | \$ 34.35 |
| 1,200 W | \$ 29.14 | \$ 38.54 |
| 1,250 W | \$ 30.01 | \$ 39.65 |
| 1,500 W | \$ 34.35 | \$ 44.72 |
| 2,000 W | \$ 41.34 | \$ 53.93 |
| 2,500 W | \$ 46.54 | \$ 60.42 |
| 3,000 W | \$ 50.93 | \$ 66.99 |
| 3,500 W | \$ 57.26 | \$ 74.62 |
| 4,000 W | \$ 63.49 | \$ 82.26 |
| 4,500 W | \$ 70.90 | \$ 91.32 |
| 6,000 W | \$ - | \$ 118.30 |
| 1,500 / 1,000 W | \$ 26.71 | \$ 35.72 |
| 2,000 / 1,000 W | \$ 27.41 | \$ 36.61 |
| 3,000 / 1,000 W | \$ 27.99 | \$ 37.91 |
| 2,000 / 1,500 W | \$ 37.19 | \$ 49.71 |
| 3,000 / 1,500 W | \$ 38.06 | \$ 50.65 |
| 4,500 / 1,500 W | \$ 39.36 | \$ 52.67 |
| 3,000 / 2,000 W | \$ 45.70 | \$ 61.27 |

Applicability:

Available only for services continuously energized since November 11, 1969.

GENERAL SERVICE

0 TO NOT EXCEEDING 200 kVA

(Utility-Owned Transformation)

SMALL SINGLE PHASE - TARIFF NO. 2019-20

| | | |
|--|------------------|----------|
| Basic Charge: | | \$ 20.09 |
| PLUS | | |
| Energy Charge: | | |
| First 11,000 kWh | @ 9.012 ¢ / kWh | |
| Next 8,500 kWh | @ 6.662 ¢ / kWh | |
| Balance of kWh | @ 4.211 ¢ / kWh | |
| | PLUS | |
| Demand Charge: | | |
| First 50 kVA of Monthly Billing Demand | No Charge | |
| Balance of Billing Demand | @ \$ 10.78 / kVA | |
| Minimum Bill: | | |
| Demand Charge PLUS Basic Charge | | |

SMALL THREE PHASE - TARIFF NO. 2019-21

| | | |
|--|------------------|----------|
| Basic Charge: | | \$ 31.58 |
| PLUS | | |
| Energy Charge: | | |
| First 11,000 kWh | @ 9.012 ¢ / kWh | |
| Next 8,500 kWh | @ 6.662 ¢ / kWh | |
| Balance of kWh | @ 4.211 ¢ / kWh | |
| | PLUS | |
| Demand Charge: | | |
| First 50 kVA of Monthly Billing Demand | No Charge | |
| Balance of Billing Demand | @ \$ 10.78 / kVA | |
| Minimum Bill: | | |
| Demand Charge PLUS Basic Charge | | |

Accounts where the Monthly Billing Demand is 50 kVA or less within the past 12-month period, ALL energy in excess of 11,000 kWh will be charged @ 6.662 ¢ / kWh.

Primary metering of multiple Utility-Owned transformation services has an additional 2% added to the kVA for each transformation greater than one. There is also a 1% reduction on recorded demand and energy to account for transformer losses.

Applicability:

The General Service Small Rate is applicable to:

- a) service with Utility-Owned transformation for all non-residential purposes including churches, community clubs and other community service and recreation facilities and all commercial and general purposes wherein the conduct of business activities or operation is associated with the distribution of goods and/or services.
- b) occupied dwellings where the connected business load exceeds 3 kW to not exceeding 200 kW.
- c) single metered multiple residential projects meeting any of the following criteria:
 - i. monthly demand exceeds 50 kVA to not exceeding 200 kVA ; or
 - ii. the meter serves five or more individual suites or dwelling units; or
 - iii. any of the units are used for business purposes.
- d) farm services:
 - i. without an occupied dwelling being used for agricultural or commercial purposes;
or
 - ii. where the connected business load exceeds 3 kW to not exceeding 200 kW; or
 - iii. where the combined agricultural and residential load exceeds a demand of 50 kVA to not exceeding 200 kVA.

GENERAL SERVICE

0 TO NOT EXCEEDING 50 kVA

(Utility-Owned Transformation)

SEASONAL - TARIFF NO. 2019-22

| | |
|----------------------|-----------------|
| Annual Basic Charge: | \$ 241.08 |
| PLUS | |
| First 66,000 kWh | @ 9.012 ¢ / kWh |
| Balance of kWh | @ 6.662 ¢ / kWh |
| Minimum Annual Bill: | \$ 241.08 |

SEASONAL THREE PHASE - TARIFF NO. 2019-27

| | |
|----------------------|-----------------|
| Annual Basic Charge: | \$ 378.96 |
| PLUS | |
| First 66,000 kWh | @ 9.012 ¢ / kWh |
| Balance of kWh | @ 6.662 ¢ / kWh |
| Minimum Annual Bill: | \$ 378.96 |

The account is billed twice a year, April and October, each for a six-month period. The April billing is for the Annual Basic Charge plus past winter season's consumption. The October billing is for the summer season's consumption only.

Applicability:

The General Service Seasonal rate is applicable for businesses outside of the Winnipeg area whose:

- a) demand does NOT exceed 50 kVA;
- b) usage is of an intermittent or casual nature;
- c) consumption is primarily summer time and usage is limited in the winter; and
- d) business load is greater than 3 kW in a residence.

GENERAL SERVICE

0 TO NOT EXCEEDING 200 kVA

(Utility-Owned Transformation)

COOKING AND HEATING STANDARD - TARIFF NO. 2019-23

| | |
|------------------|-----------------|
| Basic Charge: | \$ 20.09 |
| PLUS | |
| Energy Charge: | |
| First 11,000 kWh | @ 9.012 ¢ / kWh |
| Balance of kWh | @ 6.662 ¢ / kWh |
| Minimum Bill: | \$ 20.09 |

COOKING AND HEATING SEASONAL - TARIFF NO. 2019-24

| | |
|----------------------|-----------------|
| Annual Basic Charge: | \$ 241.08 |
| PLUS | |
| Energy Charge: | |
| First 66,000 kWh | @ 9.012 ¢ / kWh |
| Balance of kWh | @ 6.662 ¢ / kWh |
| Minimum Annual Bill: | \$ 241.08 |

Seasonal Cooking and Heating accounts are billed twice a year, April and October, each for a six-month period. The April billing is for the Annual Basic Charge plus past winter season's consumption. The October billing is for the summer season's consumption only.

Applicability:

The General Service Cooking and Heating rate is applicable to services existing prior to April 1, 1976 for separately metered cooking, heating, process heating or car plug service in the same building or an extension of that building where the primary requirement is for General Service.

GENERAL SERVICE

DIESEL - TARIFF NO. 2019-40

| | |
|-----------------|------------------|
| Basic Charge: | \$ 20.09 |
| PLUS | |
| Energy Charge: | |
| First 2,000 kWh | @ 9.012 ¢ / kWh |
| Balance of kWh | @ 42.617 ¢ / kWh |
| Minimum Bill: | \$ 20.09 |

The General Service rate applies to all commercial accounts excluding those classed as Government and /or First Nation Education.

GOVERNMENT AND FIRST NATION EDUCATION - TARIFF NO. 2019-41

| | |
|----------------|-------------------|
| Basic Charge: | \$ 20.09 |
| PLUS | |
| Energy Charge: | @ \$2.59382 / kWh |
| Minimum Bill: | \$ 20.09 |

The First Nation Education rate is applicable to all Diesel First Nation facilities providing instructional services for members of the Diesel First Nations, including schools, teacherages and student residences.

GENERAL SERVICE

EXCEEDING 200 kVA

(Utility-Owned transformation)

MEDIUM - TARIFF NO. 2019-30

| | |
|--|------------------|
| Basic Charge: | \$ 31.58 |
| PLUS | |
| Energy Charge: | |
| First 11,000 kWh | @ 9.012 ¢ / kWh |
| Next 8,500 kWh | @ 6.662 ¢ / kWh |
| Balance of kWh | @ 4.211 ¢ / kWh |
| PLUS | |
| * Demand Charge: | |
| First 50 kVA of Monthly Billing Demand | No Charge |
| Balance of Billing Demand | @ \$ 10.78 / kVA |

Minimum Bill:
Demand Charge PLUS Basic Charge

Monthly Billing Demand *

The greatest of the following (expressed in kVA):

- a) measured demand; or
- b) 25 % of contract demand; or
- c) 25% of the highest measured demand in the previous 12 months.

Primary metering of multiple Utility-Owned transformation services has an additional 2% added to the kVA for each transformation greater than one. There is also a 1% reduction on recorded demand and energy to account for transformer losses.

Applicability:

The General Service Medium rate is applicable to services where the registered demand exceeds 200 kVA and where the transformation is provided by the Corporation.

Customers who, by nature of their business, do not require service during the months of December, January, and February may qualify for the General Service Short-Term Power rate. For further details see page 17.

GENERAL SERVICE

(Customer-Owned Transformation)

LARGE 750 V TO NOT EXCEEDING 30 KV - TARIFF NO. 2019-60

Energy Charge:
@ 3.955 ¢ / kWh

PLUS

* Demand Charge: @ \$ 9.14 / kVA

Minimum Bill: Demand Charge

LARGE 30 KV TO NOT EXCEEDING 100 KV - TARIFF NO. 2019-61

Energy Charge: @ 3.639 ¢ / kWh

PLUS

* Demand Charge: @ \$ 7.75 / kVA

Minimum Bill: Demand Charge

LARGE EXCEEDING 100 KV - TARIFF NO. 2019-62

Energy Charge: @ 3.529 ¢ / kWh

PLUS

* Demand Charge: @ \$ 6.90 / kVA

Minimum Bill: Demand Charge

Monthly Billing Demand *

The greatest of the following (expressed in kVA):

- a) measured demand; or
- b) 25 % of contract demand; or
- c) 25% of the highest measured demand in the previous 12 months.

Applicability:

The General Service Large rate is applicable to services where the transformation is provided by the customer and connected directly to the Corporation's distribution, subtransmission or transmission lines. Customers who, by nature of their business, do not require service during the months of December, January and February may qualify for the General Service Short-Term Power rate.

GENERAL SERVICE

LIMITED USE OF BILLING DEMAND RATE OPTION

0 TO NOT EXCEEDING 200 kVA

(Utility-Owned Transformation)

LUBD SMALL SINGLE PHASE - TARIFF NO. 2019-50

| | |
|---|------------------|
| Basic Charge: | \$ 20.09 |
| PLUS | |
| Energy Charge: | @ 10.426 ¢ / kWh |
| PLUS | |
| Demand Charge: | |
| First 50 kVA of Monthly Recorded Demand | No Charge |
| Balance of Recorded Demand | @ \$ 2.70 / kVA |
| Minimum Bill: | |
| Demand Charge PLUS Basic Charge: | |

LUBD SMALL THREE PHASE - TARIFF NO. 2019-51

| | |
|---|------------------|
| Basic Charge: | \$ 31.58 |
| PLUS | |
| Energy Charge: | @ 10.426 ¢ / kWh |
| PLUS | |
| Demand Charge: | |
| First 50 kVA of Monthly Recorded Demand | No Charge |
| Balance of Recorded Demand | @ \$ 2.70 / kVA |
| Minimum Bill: | |
| Demand Charge PLUS Basic Charge: | |

Primary metering of multiple Utility-Owned transformation services has an additional 2% added to the kVA for each transformation greater than one. There is also a 1% reduction on recorded demand and energy to account for transformer losses.

Eligibility:

Any customer eligible for service on the General Service Small rate can request billing on this option, except customers who have been billed on this option during the 12 months prior to their request, but subsequently reverted to billing at regular General Service Small rates.

GENERAL SERVICE

LIMITED USE OF BILLING DEMAND RATE OPTION

EXCEEDING 200 kVA

(Utility-Owned Transformation)

LUBD MEDIUM - TARIFF NO. 2019-52

| | |
|---|------------------|
| Basic Charge: | \$ 31.58 |
| PLUS | |
| Energy Charge: | @ 10.426 ¢ / kWh |
| PLUS | |
| * Demand Charge: | |
| First 50 kVA of Monthly Recorded Demand | No Charge |
| Balance of Recorded Demand | @ \$ 2.70 / kVA |
| Minimum Bill: | |
| Demand Charge PLUS Basic Charge | |

Monthly Billing Demand *

The greatest of the following (expressed in kVA):

- a) measured demand; or
- b) 25% of contract demand; or
- c) 25% of the highest measured demand in the previous 12 months.

Primary metering of multiple Utility-Owned transformation services has an additional 2% added to the kVA for each transformation greater than one. There is also a 1% reduction on recorded demand and energy to account for transformer losses.

Eligibility:

Any customer eligible for service on the General Service Medium rate can request billing on this option, except customers who have been billed on this option during the 12 months prior to their request, but subsequently reverted to billing at regular General Service Medium rates.

GENERAL SERVICE

LIMITED USE OF BILLING DEMAND RATE OPTION

(Customer-Owned Transformation)

LUBD LARGE 750 V TO NOT EXCEEDING 30 KV - TARIFF NO. 2019-53

Energy Charge: @ 9.228 ¢ / kWh
PLUS
* Demand Charge: @ \$ 2.29 / kVA

Minimum Bill: Demand Charge

LUBD LARGE 30 KV TO NOT EXCEEDING 100 KV - TARIFF NO. 2019-54

Energy Charge: @ 8.110 ¢ / kWh
PLUS
* Demand Charge: @ \$ 1.94 / kVA

Minimum Bill: Demand Charge

LUBD LARGE EXCEEDING 100 KV - TARIFF NO. 2019-55

Energy Charge: @ 7.506 ¢ / kWh
PLUS
* Demand Charge: @ \$ 1.73 / kVA

Minimum Bill: Demand Charge

Monthly Billing Demand *

The greatest of the following (expressed in kVA):

- a) measured demand; or
- b) 25 % of contract demand; or
- c) 25% of the highest measured demand in the previous 12 months.

Eligibility:

Any customer eligible for service on the General Service Large rate can request billing on this option, except customers who have been billed on this option during the 12 months prior to their request, but subsequently reverted to billing at regular General Service Large rates.

**GENERAL SERVICE
FLAT RATE WATER HEATING RATES
(NOT available for new services)**

TARIFF NO. 2019-29

| <u>Element Size</u> | <u>Uncontrolled</u> |
|---------------------|---------------------|
| 500 W | \$ 18.48 |
| 600 W | \$ 22.10 |
| 750 W | \$ 27.57 |
| 1,000 W | \$ 37.08 |
| 1,200 W | \$ 44.36 |
| 1,500 W | \$ 55.18 |
| 2,000 W | \$ 69.17 |
| 2,500 W | \$ 83.18 |
| 3,000 W | \$ 96.78 |
| 3,500 W | \$ 110.40 |
| 3,800 W | \$ 122.02 |
| 4,000 W | \$ 124.00 |
| 4,500 W | \$ 137.62 |
| 5,000 W | \$ 151.22 |
| 6,000 W | \$ 178.45 |
| 6,500 W | \$ 197.58 |
| 7,000 W | \$ 205.64 |
| 7,500 W | \$ 225.56 |
| 8,000 W | \$ 232.85 |
| 9,000 W | \$ 260.04 |
| 10,000 W | \$ 287.29 |
| 10,500 W | \$ 300.95 |
| 12,000 W | \$ 341.75 |
| 12,500 W | \$ 355.36 |
| 13,000 W | \$ 368.98 |
| 13,500 W | \$ 382.43 |
| 14,500 W | \$ 409.65 |
| 15,000 W | \$ 423.38 |
| 16,000 W | \$ 450.60 |
| 16,500 W | \$ 477.51 |
| 18,000 W | \$ 505.10 |
| 19,000 W | \$ 547.42 |
| 20,000 W | \$ 559.49 |
| 23,000 W | \$ 659.42 |
| 24,000 W | \$ 687.46 |
| 25,000 W | \$ 695.49 |
| 3,000 / 1,000 W | \$ 45.17 |
| 2,000 / 1,500 W | \$ 57.18 |
| 3,000 / 1,500 W | \$ 57.82 |
| 4,500 / 1,500 W | \$ 59.22 |

GENERAL SERVICE

SHORT-TERM POWER RATE

The General Service Short-Term application is available throughout the Province of Manitoba except in the Diesel Zone, for customers with services exceeding 200 kVA who, by the nature of their business, do not require service during the months of December, January, and February. Qualifying customers will be billed at, and subject to the conditions of, the appropriate General Service Medium or Large rate.

Services must be disconnected from 00:00 hours, December 1 to 24:00 hours, February 28/29. Customers may use up to a maximum of 1,000 kWh during these months for security purposes only (i.e. alarm system, security lighting) but must notify Manitoba Hydro each year in advance of their operation shutdown.

Service must be taken for a minimum of four months, normally consecutively, during the period March 1 to November 30. Customers will be subject to the same 25% ratchet provisions as applicable to General Service Medium and Large customers, with the exception that no ratchets will apply for the months of December, January or February unless the customer exceeds the 1,000 kWh per month allowable use during those months.

General Service Short-Term is NOT available in conjunction with other services at the same point of delivery.

UNMETERED SERVICES

Billed on the General Service Small Rate Tariff No. 2019-20 or 2019-21:

The Unmetered Service rate is applicable:

- a) for non-residential customers where the load is constant and the consumption is consistent and metering is unnecessary or undesirable, specifically including traffic signals, pedestrian walkway lighting, directional traffic signs, hazard flashers, cable television power amplifiers, telephone booths, transit shelters (both heated and unheated), cathodic protection rectifiers (for oil and natural gas pipelines), water gauge wells, highway traffic counters, governmental navigational lights (both nautical and aerial), municipal sirens and Canadian Emergency Measures Organization emergency siren alarms.
- b) for existing railway crossings, sign lighting and window lighting. Customers will be required to provide metering facilities if additional load is connected.
- c) for services such as fairs, summer midways, television production and welding schools where service is required for less than 30 days.

- d) for oil field pumping services connected prior to April 1, 1980 with oil pumping motors of the counter balanced (nodding or piston) type.

GENERAL SERVICE

SHORT-DURATION, INTERMITTENT RATE

TERMS AND CONDITIONS

General

Manitoba Hydro will supply short-duration, intermittent power and energy to customers whose operation requires short periods of high demand combined with overall, very low energy consumption.

The Corporation may regulate timing of the customer's demand requirements so that they do not coincide with other system peak demands.

The Corporation may interrupt the supply at any time, for any length of time and for any reason.

Conditions of Service

Qualifying customers will be billed at, and subject to the conditions of, the appropriate General Service Large or Medium rate with the following provisions:

- a) Measured demand will be reduced by 50% for billing purposes.
- b) Customers will be assessed a monthly energy entitlement based on a 1% load factor (monthly demand x 0.01 x 730) to be billed at the applicable General Service rate.
- c) Energy consumption in excess of the monthly energy entitlement will be billed at a rate equal to 10 times the usual applicable General Service rate.

Customers will be required to enter into a formal contract with Manitoba Hydro. The contract will document the above conditions as well as any others considered necessary due to the nature of a specific service.

Rate Application

The General Service Short-Term, Intermittent rate is available to all customers, except those in the Diesel Rate Zone, to customers qualifying for the General Service Large and General Service Medium rates.

AREA AND ROADWAY LIGHTING

OUTDOOR LIGHTING

LEGEND

| | |
|-----|-----------------------------|
| I | Incandescent |
| F | Fluorescent |
| CF | Compact Fluorescent |
| LED | Light Emitting Diode |
| MH | Metal Halide |
| MV | Mercury Vapour |
| HPS | High Pressure Sodium Vapour |
| Q | Quartz |

Exclusive Pole: A corporate-owned pole for the primary purpose of supporting outdoor lighting devices.

Shared Pole: A pole of the primary purpose of supporting electrical circuits other than outdoor lighting.

AREA AND ROADWAY LIGHTING

(Incandescent and Mercury Vapour are NOT available for new installations)

OUTDOOR LIGHTING RATE - TARIFF NO. 2019-80:

| Watts | Rate Per Month | |
|------------------|-----------------------|--------------------------|
| | Shared Pole/Luminaire | Exclusive Pole/Luminaire |
| 200 F | - | \$ 11.77 |
| 20 CF | - | \$ 2.52 |
| 100 I | \$ 5.40 | \$ 11.77 |
| 150 I | - | \$ 11.77 |
| 300 I | - | \$ 16.76 |
| 500 I | \$ 14.17 | \$ 23.09 |
| 400 MH | - | \$ 28.16 |
| 175 MV | \$ 10.48 | \$ 16.76 |
| 250 MV | \$ 11.98 | \$ 18.98 |
| 400 MV | \$ 16.43 | \$ 22.70 |
| 70 HPS | \$ 9.00 | \$ 14.78 |
| 70 HPS 24 hours | - | \$ 16.62 |
| 100 HPS | \$ 9.34 | \$ 15.59 |
| 150 HPS | \$ 11.45 | \$ 17.61 |
| 250 HPS | \$ 14.59 | \$ 20.30 |
| 400 HPS | \$ 16.74 | \$ 28.16 |
| 400 HPS 2/100' | - | \$ 43.52 |
| 400 HPS 4/100' | - | \$ 31.96 |
| 750 HPS | \$ 25.95 | \$ 41.15 |
| 1 000 HPS | - | \$ 47.75 |
| 1 000 HPS 1/60' | - | \$ 48.85 |
| 1 000 HPS 2/100' | - | \$ 58.55 |
| 1 000 HPS 4/100' | - | \$ 50.20 |

Applicability:

The Area and Roadway rate is available throughout the Province of Manitoba and applies to area and roadway lighting installed by agreement for public authorities

AREA AND ROADWAY LIGHTING

OUTDOOR LIGHTING RATE - *TARIFF NO. 2019-80*:

| Watts | Rate Per Month | |
|--------------------------------|-----------------------|--------------------------|
| | Shared Pole/Luminaire | Exclusive Pole/Luminaire |
| 10 LED (1 – 30 W) | - | \$ 2.30 |
| 40 LED (> 30 – 50 W) | \$ 7.74 | \$ 13.51 |
| 40 LED 24 hr (> 30 – 50 W) | - | \$ 15.34 |
| 60 LED (> 50 – 80 W) | \$ 7.90 | \$ 14.15 |
| 90 LED (> 80 – 120 W) | \$ 9.46 | \$ 15.61 |
| 150 LED (> 120 – 180 W) | \$ 11.26 | \$ 16.96 |
| 150 LED 2/100' (>120 – 180) | - | \$ 27.46 |
| 150 LED 4/100' (>120 – 180) | - | \$ 19.16 |
| 250 LED (> 180 – 280 W) | \$ 11.42 | \$ 22.83 |
| 250 LED 2/100' (> 180 – 280 W) | - | \$ 38.19 |
| 250 LED 4/100' (> 180 – 280 W) | - | \$ 26.64 |

Applicability:

The Area and Roadway rate is available throughout the Province of Manitoba and applies to area and roadway lighting installed by agreement for public authorities.

AREA AND ROADWAY LIGHTING

(NOT available for new installations)

FLOOD LIGHTING RATE - *TARIFF NO. 2019-81:*

| Watts | Rate Per Month | |
|--------|-----------------------|--------------------------|
| | Shared Pole/Luminaire | Exclusive Pole/Luminaire |
| 100 I | \$ 6.13 | - |
| 150 I | \$ 6.13 | \$ 12.71 |
| 300 I | \$ 11.17 | - |
| 500 I | \$ 15.05 | \$ 24.63 |
| 250 MV | \$ 13.85 | \$ 20.27 |
| 400 MV | \$ 16.93 | \$ 22.73 |
| 500 Q | \$ 23.28 | \$ 29.50 |

Applicability:

The Floodlighting rate is applicable for floodlighting services existing prior to April 1, 1976 for lighting of public buildings, structures, monuments, parks, grounds and Department of Highways overhead signs served from the Corporation distribution system where the Corporation owns and maintains the luminaires.

AREA AND ROADWAY LIGHTING

SEASONAL RATE - TARIFF NO. 2019-82:

| Watts | Rate Per Month | |
|-------------------------|-----------------------|--------------------------|
| | Shared Pole/Luminaire | Exclusive Pole/Luminaire |
| 70 HPS | \$ 9.00 | \$ 14.78 |
| 100 HPS | \$ 9.34 | \$ 15.59 |
| 150 HPS | \$ 11.45 | \$ 17.61 |
| 250 HPS | \$ 14.59 | \$ 20.30 |
| 40 LED (> 30 – 50 W) | \$ 7.74 | \$ 13.51 |
| 60 LED (> 50 – 80 W) | \$ 7.90 | \$ 14.15 |
| 90 LED (> 80 – 120 W) | \$ 9.46 | \$ 15.61 |
| 150 LED (> 120 – 180 W) | \$ 11.26 | \$ 16.96 |
| 250 LED (> 180 – 280 W) | \$ 11.42 | \$ 22.83 |

Applicability:

The Seasonal Area and Roadway Lighting rate is available only outside the City of Winnipeg and is applicable for area and roadway lighting installed by agreement for Municipal Corporation, local government districts, Provincial and Federal Governments.

Lighting will be energized from May 1 to October 31 of each year and will be disconnected from November 1 to April 30.

AREA AND ROADWAY LIGHTING

SENTINEL LIGHTING RATE - *TARIFF NO. 2019-83*:

| Watts | Rate Per Month | |
|---------|----------------------------------|--------------------------|
| | Flat Rate (Energy and Rental) | Metered (Rental Only) |
| 100 HPS | \$ 11.58 | \$ 7.98 |
| 150 HPS | \$ 15.34 | \$ 10.90 |
| 175 MV | \$ 11.95 | \$ 7.98 |
| 400 MV | \$ 19.78 | \$ 10.90 |
| 60 LED | \$ 10.14 | \$ 7.98 |
| 90 LED | \$ 13.36 | \$ 10.90 |

Applicability:

Sentinel lighting is available for security lighting of private or public areas on a dusk-to-dawn basis throughout the Province of Manitoba. Rental units are intended for continuous year-round service and are not provided on a temporary basis.

Sentinel lighting is available for rental as follows:

- a) on a flat rate basis when connected directly to the Manitoba Hydro distribution system;
or
- b) exclusive of electricity if connected to the customer's metered circuits.

AREA AND ROADWAY LIGHTING

DECORATIVE LIGHTING - *TARIFF NO. 2019-85*

Connected load @ \$1.031/kW per night of scheduled use:

Minimum Monthly Bill: \$ 21.07

Applicability:

The Decorative Lighting rate is applicable for new and existing unmetered municipally-owned decorative lights on frames or modules mounted on roadway lighting poles or ornamental standards and/or Christmas trees. The customer is required to advise the Corporation prior to any change in the nights contracted for operation and/or the connected lighting kilowatts.