

Order No. 75/19

Final Order Approving June 1, 2019 Electricity Rates for Manitoba Hydro

June 3, 2019

BEFORE: Robert Gabor, Q.C., Chair
Marilyn Kapitany, B.Sc., (Hon), M.Sc., Board Vice-Chair
High Grant, Ph.D., Member
Shawn McCutcheon, Member
Larry Ring, Q.C., Member

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1.0 Background

In Board Order 69/19, the Public Utilities Board (“Board”) approved a rate increase of 2.5% to the Residential, General Service Small-Demand, General Service Medium, General Service Large, and Area & Roadway Lighting customer classes, as well as the grid portion of the Diesel Zone General Service rates, effective June 1, 2019. All revenues from the rate increase are to be placed in a Major Capital Deferral Account. The revenues from the rate increase will therefore be deferred and not recognized in Manitoba Hydro’s operating revenues until a future fiscal year, pursuant to direction of the Board.

Order 69/19 denied any rate increase to Manitoba Hydro’s revenues for its operations in the 2019/20 fiscal year.

Order 69/19 also directed Manitoba Hydro to differentiate the June 1, 2019 rate increase to the General Service Small Non-Demand class such that a 2.5% increase to the class revenue target is reduced by an amount that will gradually move this class’s Revenue to Cost Coverage ratio into the zone of reasonableness of 95-105% over a period of nine years. As well, Order 69/19 directed that there would be no increase to the rates of the First Nations On-Reserve Residential and Diesel Zone Residential customer classes effective June 1, 2019.

The rate schedules developed by Manitoba Hydro provide for a 1.304% revenue increase for the General Service Small Non-Demand customer class. In developing the rate schedules for the General Service Small Non-Demand class pursuant to the direction of the Board in Order 69/19, Manitoba Hydro was constrained due to the class consolidation of the General Service Small Non-Demand, General Service Small Demand, and General Service Medium classes. As a result, Manitoba Hydro adjusted the basic monthly charges, block energy charges, and demand charges for those classes by varying amounts in order to achieve the target increases for each class. Order 69/19 directed Manitoba Hydro to study and report at the next GRA on the issues associated with rate differentiation of the General Service Small Non-Demand customer class.

On May 30, 2019, Manitoba Hydro filed with the Board rate schedules and other documentation (“Compliance Filing”) consistent with the direction of the Board in Order 69/19, seeking the approval of the rate schedules effective June 1, 2019. On May 31, 2019, Manitoba Hydro provided an amended Compliance Filing, which corrected the Residential Flat Rate Water Hearing and the General Service Flat Rate Water Hearing rates. The other rate schedules in the Compliance Filing were unchanged.

All references in this Order to the Compliance Filing are to the amended Compliance Filing provided on May 31, 2019.

In its Compliance Filing, Manitoba Hydro also filed new evidence that was not available to be provided to the Board in the course of the hearing of the 2019/20 GRA. Specifically, Manitoba Hydro filed detailed Operating & Administrative expense (“O&A”) budgets provided with the Compliance Filing, that Manitoba Hydro states were completed following the conclusion of the GRA hearing.

In Order 69/19, the Board found that Manitoba Hydro’s 2019/20 O&A target was not accepted for rate-setting purposes. That target was provided by Manitoba Hydro without any supporting detailed schedules. The Board found that the target was premised on a high-level calculation based on targets from prior years, and that it included two prior non-recurring costs that should be normalized in establishing a target for rate-setting purposes. Specifically, the Board found that the 2019/20 O&A target should be reduced by \$8.1 million, the amount of a one-time prior increase in collection costs, and further reduced by \$7.3 million, an unallocated contingency amount for transitional business requirements arising from the Voluntary Departure Program.

Manitoba Hydro’s evidence on whether these two non-recurring costs were incorporated into the 2019/20 O&A budget was not definitive. The evidence was essentially limited to a response in cross examination that the budget was not arrived at by simply multiplying the 2018/19 budget by a 2% escalation level, but rather the budget had been “re-validated by looking at ... current staffing levels ... and current business requirements.” In contrast,

the expert witness for the Consumers Coalition provided detailed and definitive evidence that the two non-recurring costs were improperly included in the calculation of the 2019/20 O&A budget. This evidence from Intervener's expert witness was essentially unchallenged in the proceeding by Manitoba Hydro.

Beyond the reduction to the O&A target of the combined \$8.1 million and \$7.3 million non-recurring expenses, the Board found that the target should be based on an escalation of 1% above the 2018/19 Financial Outlook, rather than the 2% level used by Manitoba Hydro. Order 69/19 summarizes the expert evidence from the witness for the Consumers Coalition that supported the use of a 1% escalation level. This evidence was challenged by Manitoba Hydro in rebuttal evidence and cross-examination. The Utility argued that a 1% escalation level could not be achieved without significant staffing reductions, well beyond expected staff attrition.

In Order 69/19, the Board accepted the evidence of the witness for the Consumers Coalition on both areas of reduction to the 2019/20 O&A target; specifically, the Board found that the target could be reduced both by the combined \$8.1 million and \$7.3 million non-recurring expenses, as well as through the use of a 1% escalation level.

The detailed budgets filed with the Compliance Filing purport to show that the two one-time expenses of \$8.1 million and \$7.3 million were not incorporated by Manitoba Hydro into the O&A budget for the 2019/20 fiscal year. The detailed budgets, filed for the first time in the May 30, 2019 Compliance Filing, have not been examined or tested.

The Board's determination that Manitoba Hydro does not require a rate increase for its operations in the 2019/20 fiscal year is not affected by whether the projected O&A expenses in that test year include the two non-recurring expenses. The Board's decision denying any rate increase to Manitoba Hydro's revenues for its operations in 2019/20 was premised on the supplemental financial information filed by Manitoba Hydro in February 2019. That supplemental information showed that Manitoba Hydro's financial forecast improved by \$92 million such that the Utility is projected to attain \$64 million in positive

net income in 2019/20 even without any rate increase. Moreover, the Board found that there are diminished risks of Manitoba Hydro's financial position deteriorating in the 2019/20 test year. However, the issue of the detail of Manitoba Hydro's O&A expense will have to be reviewed at the next GRA, when all supporting information is filed such that the Board can determine the appropriate level of expenses for rate setting purposes. The Board reiterates its expectation from Order 59/18 that Manitoba Hydro will continue its efforts to reduce O&A costs through ongoing cost control, as well as the expectation from Order 69/19 that Manitoba Hydro can reduce its O&A expense in 2019/20 through the use of an escalation rate of 1%.

2.0 Board Findings

The Board finds the Compliance Filing to be in accordance with Order 69/19.

The Board approves the rate schedules in the Compliance Filing.

3.0 IT IS THEREFORE ORDERED THAT:

1. The Rate Schedules included in Manitoba Hydro's amended Compliance Filing of May 31, 2019 and attached to this Order **BE AND HEREBY ARE APPROVED** for electricity rates charged effective June 1, 2019.
2. Manitoba Hydro is to notify its customers of the approved rate increases. This customer notification is to be included in the first bill a customer receives that includes the revised rates. Manitoba Hydro is to file the proposed customer notification with the Board for approval before delivery to customers.

Board decisions may be appealed in accordance with the provisions of Section 58 of *The Public Utilities Board Act*, or reviewed in accordance with Section 36 of the Board's Rules of Practice and Procedure. The Board's Rules may be viewed on the Board's website at www.pub.gov.mb.ca.

THE PUBLIC UTILITIES BOARD

"Robert Gabor, Q.C."

Chair

"Kurt Simonsen"

Associate Secretary

Certified a true copy of Order No. 75/19
issued by The Public Utilities Board



Associate Secretary

RATE SCHEDULES

EFFECTIVE

JUNE 1, 2019

IN ACCORDANCE WITH

BOARD ORDER 69/19



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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”: that 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”: that 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”: is 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:	\$ 8.08
PLUS	
Energy Charge:	
All kWh	@ 8.196 ¢ / kWh
Minimum Bill:	\$ 8.08

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.

ON-RESERVE - TARIFF NO. 2019-04

Basic Charge:	\$ 8.08
PLUS	
Energy Charge:	
All kWh	@ 8.196 ¢ / kWh
Minimum Bill:	\$ 8.08

Applicability:

The Residential rate applies to all residential services on First Nations Reserve land.

RESIDENTIAL**FLAT RATE WATER HEATING RATES**

(NOT available for new services)

<u>Element Size</u>	<u>TARIFF NO. 2019-09</u>	<u>TARIFF NO. 2019-10</u>
	<u>Controlled</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.