

**MANITOBA**  
**THE PUBLIC UTILITIES BOARD ACT**  
**THE MANITOBA HYDRO ACT**  
**THE CROWN CORPORATIONS PUBLIC**  
**REVIEW AND ACCOUNTABILITY ACT**

**Order No. 33/09**

**March 31, 2009**

Before: Graham Lane CA, Chair  
Robert Mayer Q.C., Vice-Chair  
Susan Proven, P.H.Ec., Member

**AN ORDER APPROVING RATES ARISING OUT OF  
BOARD ORDER NO. 32/09 FOR MANITOBA HYDRO**

## **INTRODUCTION AND BACKGROUND**

Following Manitoba Hydro's (MH's) 2008/09 General Rate Application, The Public Utilities Board (Board) issued Orders 90/08 and 116/08 setting out the decisions of the Board and the reasons for approving a rate increase effective July 1, 2009 and a further, but conditional, rate increase to be effective April 1, 2009.

By Order 116/08, the Board indicated that the April 1, 2009 conditional 4% increase was expressly subject to MH filing additional information and the Board's further review of that information. The amount of the April 1, 2009 conditional rate increase, depending on developments and the Board's review, was subject to increase or decrease.

In Order 32/09, the Board provided reasons for its decision to limit the April 1, 2009 conditional rate increase to 2.9% for all classes (except for the Area and Roadway Lighting Class for which there was no rate increase).

In response to Order 32/09, MH has recalculated and refiled, for Board approval, new rate schedules for all customer classes, for electricity consumed on and after April 1, 2009.

The Board has reviewed and approved MH's proposed rate schedules.

**IT IS THEREFORE ORDERED THAT:**

The MH Rate Schedule attached as Appendix 1 to this Order, to be effective for all electricity consumed on and after April 1, 2009, BE AND IS HEREBY APPROVED.

THE PUBLIC UTILITIES BOARD

“GRAHAM LANE, C.A.”

Chairman

“H. M. SINGH”

Acting Secretary

Certified a true copy of Order No.  
33/09 issued by The Public Utilities  
Board

\_\_\_\_\_  
Acting Secretary

**RATE SCHEDULES**

**EFFECTIVE**

**APRIL 1, 2009**

**IN COMPLIANCE WITH**

**BOARD ORDER 32/09**

Electric Rates & Regulatory Department  
March 30, 2009



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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 kV.A)
  - i. measured demand; or
  - ii. 70% of the highest measured demand in the Billing Year for the months of December, January, February; or
  - iii. 25 % of contract demand; or
  - iv. 25% 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) “Billing Year”: twelve monthly billing periods commencing with the month of December and ending the following November.
- e) “Demand”: the maximum use of power within a specified period of time.
- f) “Demand Charge”: that portion of the charge for electric service based upon the electric capacity (kV.A) consumed and billed on the basis of the billing demand under an applicable rate schedule.
- g) “Energy”: power integrated over time and measured or expressed in kilowatt-hours (kW.h).
- h) “Energy Charge”: that portion of the charge for electric service based upon the electric energy (kW.h) consumed or billed.
- i) “Kilo-Volt Amperes (kV.A)”: 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.
- j) “Kilowatt Hour (kW.h)”: the basic unit of electric energy equal to one kilowatt of power supplied to or taken from an electric circuit steadily for one hour.
- k) “Measured Demand”: the highest demand recorded in the Billing Month.
- l) “Power Factor”: is the ratio of real power (kW) to apparent power (kV.A) for any given load and time. Generally it is expressed as a percentage ratio.

- m) “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. 2009-01***

Basic Charge:	\$ 6.85
PLUS	
Energy Charge:	
First 900 kW.h	@ 6.25 ¢ / kW.h
Balance of kW.h	@ 6.30 ¢ / kW.h
Minimum Bill:	\$ 6.85

Services over 200 amps will have \$6.85 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 kV.A;
  - 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. 2009-02***

Annual Basic Charge:	\$ 82.20
PLUS	
Energy Charge:	
First 5,400 kW.h	@ 6.25 ¢ / kW.h
Balance of kW.h	@ 6.30 ¢ / kW.h
Minimum Annual Bill:	\$ 82.20

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 kW.h per season and is for residential purposes on an individually metered service when usage is of a casual or intermittent nature.

### **DIESEL - *TARIFF NO. 2009-03***

Basic Charge:	\$ 6.85
PLUS	
Energy Charge:	
First 900 kW.h	@ 6.25 ¢ / kW.h
Next 1,100 kW.h	@ 6.30 ¢ / kW.h
Balance of kW.h	@ 41.27 ¢ / kW.h
Minimum Bill:	\$ 6.85

#### 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. 2009-09</u> <u>Controlled</u>	<u>TARIFF NO. 2009-10</u> <u>Uncontrolled</u>
500 W	\$ 9.75	\$ 12.90
600 W	\$ 11.55	\$ 15.30
750 W	\$ 14.16	\$ 18.90
900 W	\$ 16.83	\$ 22.47
1,000 W	\$ 18.57	\$ 24.87
1,200 W	\$ 21.12	\$ 27.90
1,250 W	\$ 21.72	\$ 28.68
1,500 W	\$ 24.87	\$ 32.40
2,000 W	\$ 29.91	\$ 39.03
2,500 W	\$ 33.69	\$ 43.74
3,000 W	\$ 36.87	\$ 48.51
3,500 W	\$ 41.46	\$ 54.03
4,000 W	\$ 45.96	\$ 59.52
4,500 W	\$ 51.33	\$ 66.12
6,000 W	\$ -	\$ 85.62
1,500 / 1,000 W	\$ 19.35	\$ 25.86
2,000 / 1,000 W	\$ 19.83	\$ 26.49
3,000 / 1,000 W	\$ 20.25	\$ 27.42
2,000 / 1,500 W	\$ 26.94	\$ 35.97
3,000 / 1,500 W	\$ 27.54	\$ 36.69
4,500 / 1,500 W	\$ 28.47	\$ 38.13
3,000 / 2,000 W	\$ 33.09	\$ 44.37

Applicability:

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

**GENERAL SERVICE**

**0 TO NOT EXCEEDING 200 kV.A**

(Utility-Owned Transformation)

**SMALL SINGLE PHASE - *TARIFF NO. 2009-20***

Basic Charge:	\$ 17.00
PLUS	
Energy Charge:	
First 11,000 kW.h	@ 6.66 ¢ / kW.h
Next 8,500 kW.h	@ 4.48 ¢ / kW.h
Balance of kW.h	@ 2.86 ¢ / kW.h
PLUS	
Demand Charge:	
First 50 kV.A of Monthly Billing Demand	No Charge
Balance of Billing Demand	@ \$ 8.34 / kV.A
Minimum Bill:	
Demand Charge PLUS Basic Charge	

**SMALL THREE PHASE - *TARIFF NO. 2009-21***

Basic Charge:	\$ 23.74
PLUS	
Energy Charge:	
First 11,000 kW.h	@ 6.66 ¢ / kW.h
Next 8,500 kW.h	@ 4.48 ¢ / kW.h
Balance of kW.h	@ 2.86 ¢ / kW.h
PLUS	
Demand Charge:	
First 50 kV.A of Monthly Billing Demand	No Charge
Balance of Billing Demand	@ \$ 8.34 / kV.A
Minimum Bill:	
Demand Charge PLUS Basic Charge	

Accounts where the Monthly Billing Demand is 50 kV.A or less within the past 12-month period, ALL energy in excess of 11,000 kW.h will be charged @ 4.48 ¢ / kW.h.

Primary metering of multiple Utility-Owned transformation services has an additional 2% added to the kV.A 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 kV.A to not exceeding 200 kV.A ; 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 kV.A to not exceeding 200 kV.A.

**GENERAL SERVICE**

**0 TO NOT EXCEEDING 50 kV.A**

(Utility-Owned Transformation)

**SEASONAL - *TARIFF NO. 2009-22***

Annual Basic Charge:	\$ 204.00
PLUS	
First 66,000 kW.h	@ 6.66 ¢ / kW.h
Balance of kW.h	@ 4.48 ¢ / kW.h
Minimum Annual Bill:	\$ 204.00

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 kV.A;
- 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 kV.A**

(Utility-Owned Transformation)

**COOKING AND HEATING STANDARD - *TARIFF NO. 2009-23***

Basic Charge:	\$ 17.00
PLUS	
Energy Charge:	
First 11,000 kW.h	@ 6.66 ¢ / kW.h
Balance of kW.h	@ 4.48 ¢ / kW.h
Minimum Bill:	\$ 17.00

**COOKING AND HEATING SEASONAL - *TARIFF NO. 2009-24***

Annual Basic Charge:	\$ 204.00
PLUS	
Energy Charge:	
First 66,000 kW.h	@ 6.66 ¢ / kW.h
Balance of kW.h	@ 4.48 ¢ / kW.h
Minimum Annual Bill:	\$ 204.00

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. 2009-40***

Basic Charge:	\$ 17.00
PLUS	
Energy Charge:	
First 2,000 kW.h	@ 6.66 ¢ / kW.h
Balance of kW.h	@ 41.27 ¢ / kW.h
Minimum Bill:	\$ 17.00

The General Service Diesel rate applies to all commercial accounts excluding those classed as Government.

### **GOVERNMENT AND FIRST NATION EDUCATION - *TARIFF NO. 2009-41***

Basic Charge:	\$ 17.00
PLUS	
Energy Charge:	@ 138.363 ¢ / kW.h
Minimum Bill:	\$ 17.00

A surcharge of 97.093¢ per kW.h is included in the Government and First Nation Education tariff which applies to all Federal and Provincial Departments, Agencies and Crown Corporation accounts and First Nation Education accounts.

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, and which receive funding in support of the costs of providing instructional services in accord with the March 31, 1998 INAC *Capital Facilities and Maintenance and Operation Manual*, in respect of funding in support of instructional services.

### **GOVERNMENT NON-PARTICIPANT - *TARIFF NO. 2007-42***

Basic Charge:	\$ 18.05
PLUS	
Energy Charge:	@ 234.90 ¢ / kW.h
Minimum Bill:	\$ 18.05

The Government Non-Participant rate applies to all Federal and Provincial Departments who have agreed to pay their portion of the capital contribution through the rate rather than making a direct payment to Manitoba Hydro

**GENERAL SERVICE**

**EXCEEDING 200 kV.A**

(Utility-Owned transformation)

**MEDIUM - *TARIFF NO. 2009-30***

Basic Charge:	\$ 27.60
PLUS	
Energy Charge:	
First 11,000 kW.h	@ 6.42 ¢ / kW.h
Next 8,500 kW.h	@ 4.48 ¢ / kW.h
Balance of kW.h	@ 2.86 ¢ / kW.h
PLUS	
* Demand Charge:	
First 50 kV.A of Monthly Billing Demand	No Charge
Balance of Billing Demand	@ \$ 8.34 / kV.A

Minimum Bill:  
Demand Charge PLUS Basic Charge

**Monthly Billing Demand \***

The greatest of the following (expressed in kV.A):

- a) measured demand; or
- b) 70% of highest measured demand in the Billing Year for the months of December, January, February; or
- c) 25 % of contract demand; or
- d) 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 kV.A 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 kV.A 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 18.



## GENERAL SERVICE

(Customer-Owned Transformation)

### **LARGE 750 V TO NOT EXCEEDING 30 KV - *TARIFF NO. 2009-60***

Energy Charge: 2.73 ¢ / kW.h  
PLUS  
\* Demand Charge: @ \$ 7.08 / kVA

Minimum Bill: Demand Charge

### **LARGE 30 KV TO NOT EXCEEDING 100 KV - *TARIFF NO. 2009-61***

Energy Charge: 2.58 ¢ / kW.h  
PLUS  
\* Demand Charge: @ \$ 6.06 / kVA

Minimum Bill: Demand Charge

### **LARGE EXCEEDING 100 KV - *TARIFF NO. 2009-62***

Energy Charge: 2.52 ¢ / kW.h  
PLUS  
\* Demand Charge: @ \$ 5.40 / kVA

Minimum Bill: Demand Charge

### Monthly Billing Demand \*

The greatest of the following (expressed in kV.A):

- a) measured demand; or
- b) 70% of the highest measured demand in the Billing Year for the months of December, January, February; or
- c) 25 % of contract demand; or
- d) 25% of the highest measured demand in the previous 12 months.

**Applicability:**

The General Service Large Supplementary 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 kV.A**

(Utility-Owned Transformation)

**SMALL SINGLE PHASE - *TARIFF NO. 2009-50***

Basic Charge:	\$ 17.00
PLUS	
Energy Charge:	@ 7.67 ¢ / kW.h
PLUS	
Demand Charge:	
First 50 kV.A of Monthly Recorded Demand	No Charge
Balance of Recorded Demand	@ \$ 2.09 / kV.A
Minimum Bill:	
Demand Charge PLUS Basic Charge:	

**SMALL THREE PHASE - *TARIFF NO. 2009-51***

Basic Charge:	\$ 23.74
PLUS	
Energy Charge:	@ 7.67 ¢ / kW.h
PLUS	
Demand Charge:	
First 50 kV.A of Monthly Recorded Demand	No Charge
Balance of Recorded Demand	@ \$ 2.09 / kV.A
Minimum Bill:	
Demand Charge PLUS Basic Charge:	

Primary metering of multiple Utility-Owned transformation services has an additional 2% added to the kV.A 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 kV.A**

(Utility-Owned Transformation)

**MEDIUM - *TARIFF NO. 2009-52***

Basic Charge:	\$ 27.60
PLUS	
Energy Charge:	@ 7.67 ¢ / kW.h
PLUS	
* Demand Charge:	@ \$ 2.09 / kV.A

Minimum Bill:  
Demand Charge PLUS Basic Charge

**Monthly Billing Demand \***

The greatest of the following (expressed in kV.A):

- a) measured demand; or
- b) 70% of the highest measured demand in the Billing Year for the months of December, January, February; or
- c) 25% of contract demand; or
- d) 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 kV.A 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)

**LARGE 750 V TO NOT EXCEEDING 30 KV - *TARIFF NO. 2009-53***

Energy Charge: @ 6.81 ¢ / kW.h  
PLUS  
\* Demand Charge: @ \$ 1.77 / kV.A

Minimum Bill: Demand Charge

**LARGE 30 KV TO NOT EXCEEDING 100 KV - *TARIFF NO. 2009-54***

Energy Charge: @ 6.04 ¢ / kW.h  
PLUS  
\* Demand Charge: @ \$ 1.56 / kV.A

Minimum Bill: Demand Charge

**LARGE EXCEEDING 100 KV - *TARIFF NO. 2009-55***

Energy Charge: @ 5.59 ¢ / kW.h  
PLUS  
\* Demand Charge: @ \$ 1.41 / kV.A

Minimum Bill: Demand Charge

**Monthly Billing Demand \***

The greatest of the following (expressed in kV.A):

- a) measured demand; or
- b) 70% of the highest measured demand in the Billing Year for the months of December, January, February; or
- c) 25 % of contract demand; or
- d) 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. 2009-29

<u>Element Size</u>	<u>Uncontrolled</u>
500 W	\$ 13.71
600 W	\$ 16.38
750 W	\$ 20.43
1,000 W	\$ 27.45
1,200 W	\$ 32.85
1,500 W	\$ 40.89
2,000 W	\$ 51.27
2,500 W	\$ 61.65
3,000 W	\$ 71.76
3,500 W	\$ 81.84
3,800 W	\$ 90.45
4,000 W	\$ 91.92
4,500 W	\$ 102.00
5,000 W	\$ 112.11
6,000 W	\$ 132.27
6,500 W	\$ 146.46
7,000 W	\$ 152.43
7,500 W	\$ 167.19
8,000 W	\$ 172.62
9,000 W	\$ 192.78
10,000 W	\$ 212.97
10,500 W	\$ 223.08
12,000 W	\$ 253.32
12,500 W	\$ 263.40
13,000 W	\$ 273.50
13,500 W	\$ 283.50
14,500 W	\$ 303.66
15,000 W	\$ 313.86
16,000 W	\$ 334.02
16,500 W	\$ 353.97
18,000 W	\$ 374.40
19,000 W	\$ 405.81
20,000 W	\$ 414.72
23,000 W	\$ 488.82
24,000 W	\$ 509.58
25,000 W	\$ 515.55
3,000 / 1,000 W	\$ 33.48
2,000 / 1,500 W	\$ 42.39
3,000 / 1,500 W	\$ 42.87
4,500 / 1,500 W	\$ 43.92

## **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 kV.A 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 kW.h 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 kW.h 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. 2009-20 or 2009-21:**

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

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 NOT available for new installations)

### **OUTDOOR LIGHTING RATE - *TARIFF NO. 2005-80:***

Watts	Rate Per Month	
	Shared	Exclusive
200 F	-	\$ 8.92
20 CF	-	\$ 1.91
100 I	\$ 4.11	\$ 8.92
150 I	-	\$ 8.92
300 I	-	\$ 12.72
500 I	\$ 10.76	\$ 17.54
400 MH	-	\$ 21.37
175 MV	\$ 7.94	\$ 12.72
250 MV	\$ 9.10	\$ 14.41
400 MV	\$ 12.48	\$ 17.24
70 HPS	\$ 6.84	\$ 11.22
70 HPS 24 hours	-	\$ 12.61
100 HPS	\$ 7.09	\$ 11.84
150 HPS	\$ 8.69	\$ 13.36
250 HPS	\$ 11.07	\$ 15.40
400 HPS	\$ 12.71	\$ 21.37
400 HPS 2/100'	-	\$ 33.04
400 HPS 4/100'	-	\$ 24.26
750 HPS	\$ 19.69	\$ 31.25
1 000 HPS	-	\$ 36.24
1 000 HPS 1/60'	-	\$ 37.08
1 000 HPS 2/100'	-	\$ 44.45
1 000 HPS 4/100'	-	\$ 38.12

#### 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. 2005-81*:**

Watts	Rate Per Month	
	Shared Pole/Luminaire	Exclusive Pole/Luminaire
100 I	\$ 4.66	-
150 I	\$ 4.66	\$ 9.66
300 I	\$ 8.49	-
500 I	\$ 11.42	\$ 18.70
250 MV	\$ 10.52	\$ 15.38
400 MV	\$ 12.86	\$ 17.27
500 Q	\$ 17.66	\$ 22.39

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. 2005-82:***

<b>Watts</b>	<b>Rate Per Month</b>	
	<b>Shared Pole/Luminaire</b>	<b>Exclusive Pole/Luminaire</b>
70 HPS	\$ 6.84	\$ 11.22
100 HPS	\$ 7.09	\$ 11.84
150 HPS	\$ 8.69	\$ 13.36
250 HPS	\$ 11.07	\$ 15.40

**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. 2005-83*:**

<b>Watts</b>	<b>Rate Per Month</b>	
	<b>Flat Rate (Energy and Rental)</b>	<b>Metered (Rental Only)</b>
100 HPS	\$ 8.80	\$ 6.06
150 HPS	\$ 11.64	\$ 8.28
175 MV	\$ 9.08	\$ 6.06
400 MV	\$ 15.02	\$ 8.28

**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

### **FESTOON LIGHTING - *TARIFF NO. 2005-84***

Connected load @ \$0.784 / kW per night of scheduled use:

Minimum Monthly Bill: \$ 16.00

#### Applicability:

The Festoon Lighting rate is applicable only for existing unmetered municipally-owned festoon light strings suspended across streets and public thoroughfares. The customer is required to advise the Corporation prior to any changes in the nights contract for operation and/or the connected lighting kilowatts.

### **DECORATIVE LIGHTING - *TARIFF NO. 2005-85***

Connected load @ \$0.784 / kW per night of scheduled use:

Minimum Monthly Bill: \$ 16.00

#### 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.

### **CHRISTMAS LIGHTING - *TARIFF NO. 2005-86***

Connected load @ \$0.0625 / kW.h.

#### Applicability:

The Christmas Lighting rate is applicable to the City of Winnipeg Christmas lighting only. The customer is required to advise the Corporation prior to any change in the connected load.