



ORDER

IN THE MATTER OF an Application by New Brunswick Power Corporation pursuant to subsection 103(1) of the *Electricity Act*, S.N.B. 2013, c. 7, for approval of the schedules of rates for the fiscal year commencing April 1, 2018.

AND IN THE MATTER OF an Application by New Brunswick Power Corporation pursuant to section 107 of the *Electricity Act*, S.N.B. 2013, c. 7, for approval of a capital project consisting of the procurement and deployment of Advanced Metering Infrastructure.

(Matter No. 375)

July 27, 2018

ORDER

- [1] New Brunswick Power Corporation (NB Power) applied for rates to be approved by the New Brunswick Energy and Utilities Board (Board) for the 2018/2019 fiscal year.
- [2] In a Decision dated July 20, 2018, the Board ordered a reduction of \$8.7 million to the revised revenue requirements. The Board approved the 2018/2019 total revenue requirements of \$1,689.7 million.
- [3] NB Power was directed to file with the Board for review, its calculations of revised average and differential rate increases for all customer classes and revised proposed schedules of rates.
- [4] NB Power filed this information and indicated that, using its approved rate design and with the Board's approved revenue requirements of \$1,689.7 million an average rate increase of 0.88% is required.
- [5] The Board has reviewed the documentation filed by NB Power and fixes the rates as described in the attached schedules of rates and finds the rates to be just and reasonable.
- [6] The rates fixed in this order are to take effect as of Wednesday, August 1, 2018.

Dated in Saint John, New Brunswick, this 27th day of July, 2018.

BY THE BOARD



Kathleen Mitchell
Chief Clerk

**N Rate Schedules and
Rate Application Guidelines**

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Residential Service Rate Schedules

That category of residential Customers located in all incorporated cities, towns and villages with population over 2000 served by NB Power.

**Residential
Urban**

Rate

Service Charge:
\$ 21.85 per Billing Period

Energy Charge:
10.91¢ per kWh for all kWh per Billing Period

That category of residential Customers located in all other areas not included under Residential Urban category served by NB Power.

**Residential
Rural**

Rate

Service Charge:
\$23.96 per Billing Period

Energy Charge:
10.91¢ per kWh for all kWh per Billing Period

That category of residential Customers who require service to a Dwelling other than a Principal Residence (e.g., summer cottages).

**Residential
Seasonal**

Rate

Service Charge:
\$23.96 per Billing Period

Energy Charge:
10.91¢ per kWh for all kWh per Billing Period

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**Rate Schedules and
Rate Application Guidelines**

Residential Service Rate Application Guidelines

**Urban and
Rural**

Customers who use electricity for living purposes in any of the following:

- Dwellings
- Dwelling out buildings
- Individually metered, self-contained Dwelling units within an Apartment Building

In addition, the Residential rate applies to:

Services to Farms and Churches.

A religious and charitable institution, excluding a church, that was served on a residential rate prior to 29 August 1979. If this Premises requires new service, reconnection or upgrade for any reason, including a change of ownership, an applicable rate will be applied as determined by the rate application guidelines.

Service for the construction phase of a Dwelling.

A Premises providing lodging with nine (9) beds or less, including boarding and rooming houses, Special Care Establishments, senior citizen homes, nursing homes, hostels and transition homes.

A Premises providing lodging with more than nine (9) beds that was served on a Residential rate prior to 1 January 1984. If this Premises requests new service, reconnection or upgrade for any reason including a change in ownership an applicable rate will be applied as determined by the rate application guidelines.

The combined usage of a Dwelling and a business operation measured by one meter, where the connected load of the business operation, excluding space heating and air conditioning, is two (2) kilowatts or less.

Seasonal

Customers who use electricity for living purposes in a Dwelling other than the Customer's Principal Residence; e.g., summer cottage.

**N Rate Schedules and
Rate Application Guidelines**

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General Service Rate Schedules

That category of Customers in all areas served by NB Power who use electricity for purposes other than those specifically covered under residential, small and large industrial, street lighting or unmetered categories.

**General
Service I**

Billing Demand:

The greater of the maximum kW demand or 90% of the maximum kVA demand in the Billing Period.

Rate

Service Charge:
\$22.79 per Billing Period

Demand Charge:
No charge for first 20 kW or less per Billing Period
\$10.49 per kW for balance kW per Billing Period

Energy Charge:
13.12¢ per kWh for first 5000 kWh per Billing Period
9.31¢ per kWh for balance kWh per Billing Period

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**Rate Schedules and
Rate Application Guidelines**

**General
Service II**
(closed)

The General Service II rate is not available to new customers as of July 1, 2006. Existing General Service II customers that request reconnection or upgrade for any reason including change of ownership will have the General Service I rate applied.

Billing Demand:

The greater of the maximum kW demand or 90% of the maximum kVA demand in the Billing Period.

Rate

Service Charge:
\$22.79 per Billing Period

Demand Charge:
No charge for first 20 kW or less per Billing Period
Charge for the balance of kilowatts per billing period:
the lesser of (a) \$7.01 per kilowatt or (b) 3.490¢ times
the number of kilowatt hours consumed in the billing
period.

Energy Charge:
13.13¢ per kWh for first 5000 kWh per Billing Period
10.07¢ per kWh for balance kWh per Billing Period

Rate Schedules and Rate Application Guidelines

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General Service Rate Application Guidelines

General Service I and II rate applications include the following:

General
Service
I and II

- Religious and charitable institutions, excluding Churches, that were served on a residential rate prior to 29 August 1979 and that request new service, reconnection or upgrade for any reason, including change of ownership, will have an applicable rate applied as determined by the rate application guidelines.
- Service for the construction phase of any Premises other than a Dwelling.
- Dwellings providing lodging with more than nine (9) beds, including boarding and rooming houses, Special Care Establishments, senior citizen homes, nursing homes, hostels and transition homes.
- Combined usage of a Dwelling and a business operation measured by one meter, where the connected load of the business operation, excluding space heating and air conditioning, is greater than two (2) kilowatts.
- Bulk metered Apartment Buildings that combine the service to the Dwelling units and/or the common use areas.
- Service to common areas in Apartment Buildings.
- Any business operation involving both manufacturing/processing and service/repair on which less than one half of the business volume is manufacturing/processing.
- Warehousing, storage and distribution centers on the same property and forming part of a manufacturing or processing operation with one meter where the warehousing, storage and distribution load is greater than one half of the total electricity consumed.
- A retail or wholesale operation on a Farm must install a separate meter to measure that retail/wholesale load.

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Rate Schedules and Rate Application Guidelines

General Service Rate Application Guidelines cont'd

- Water pumping, sewage lift stations, sewage lagoons, chlorinating plants and sewage treatment plants directly related to municipally owned water supplies or waste disposal systems are normally billed at General Service rates. At the option of the Customer, an industrial service rate may be applied.

Rate Schedules and Rate Application Guidelines

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Small Industrial Rate Schedule

That category of Customers who use electricity chiefly for manufacturing or processing of goods or for the extraction of raw materials and have a minimum contracted demand of five (5) kilowatts.

Small
Industrial

Billing Demand

The greatest of:

- the monthly maximum kW demand;
- 90% of the monthly maximum kVA demand;
- 5 kW

As a result of installed metering, both the monthly maximum kW demand and 90% of the monthly maximum kVA demand noted above may not apply.

Rate

Demand Charge:

\$6.97 per kW of billing demand per month

Energy Charge:

13.51¢ per kWh for first 100 kWh per kW of billing demand per month

6.38¢ per kWh for balance of kWh per month

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Rate Schedules and Rate Application Guidelines

Small Industrial Rate Application Guidelines

Industrial rates apply to the following SIC groups:

Division C major group:

04 Logging Industry

Division D major groups:

06 Mining Industries

07 Crude Petroleum and Natural Gas Industries

08 Quarry and Sand Pit Industries

09 Service Industries Incidental to Mineral Extraction

Division E, Manufacturing Industries

In addition:

Fish hatcheries qualify for this rate.

Any business operation involving both manufacturing/processing and service/repair on which more than one half of the business volume is manufacturing/processing.

Warehousing, storage and distribution centers on the same property and forming part of a manufacturing or processing operation with one (1) meter where the manufacturing/processing load is greater than one half of the total electricity consumed.

A processing operation on a Farm must install a separate meter to measure that processing load.

Rate Schedules and Rate Application Guidelines

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Large Industrial Rate Schedule

Large
Industrial

That category of Customers in all areas served by NB Power who use electricity chiefly for manufacturing or processing of goods or for the extraction of raw materials and have a minimum contracted demand of 750 kW.

Billing Demand:

The greatest of:

- The monthly maximum kW demand;
- 90% of the maximum kVA demand;
- 90% of the firm amount reserved in the contract for non-curtable Customers or 100% of the total contracted amount for curtable Customers;
- 90% of the maximum demand recorded during the current calendar year excluding April through November;
- 90% of the lesser of the average demand recorded during the previous calendar year, or the previous calendar year excluding April through November;

Rate:

Demand Charge:

\$14.20 per kW of the billing demand per month

Energy Charge:

5.25¢ per kWh for all kWh per month

Declining Discount Firm Rate:

New facilities coming into service after April 1, 2000 or facilities that were substantially shut down as at October 1, 2000 are eligible for a declining discount on Demand Charges for the additional firm load

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**Rate Schedules and
Rate Application Guidelines**

Large Industrial Rate Schedule cont'd
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The declining discount is available for five years to Customers who meet all of the following criteria:

- (i) the Customer is served directly from the transmission system;
- (ii) the additional firm load is at least 5,000 kW; and
- (iii) the Customer signs a five year agreement with NB Power as the electricity supplier for the total load for the Customer's Account at the site.

The declining discounts are:

<u>Year</u>	<u>\$/kW-month</u>	<u>Year</u>	<u>\$/kW-month</u>
1	\$3.75	4	\$1.50
2	\$3.00	5	\$0.75
3	\$2.25	6	\$0.00

The declining discounts are not available for loads that get incentive credits or if the Customer is in arrears at the time of the application for the declining discount.

Curtable Power Credit:

\$3.00 per kW per month for the curtable portion of the demand for curtailments up to 10 hours/day.

Effective April 1, 1999, new or additional Curtable Power Credits are no longer available.

**Start-up
Rate**

Large Industrial Customers starting new operations or expanding existing operations may request a start-up rate for a period not exceeding six (6) consecutive months.

When the new load is the result of expansion, the Customer has the option to request the start-up rate for the total firm load at that location. The request must be submitted in writing to NB Power.

Rate Schedules and Rate Application Guidelines

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Large Industrial Rate Schedule cont'd

To qualify, the Customer must agree to reduce the load for which the start-up rate applies within ten (10) minutes of a request from NB Power. Load reductions will normally be requested when the in-province load and firm commitments outside the Province are expected to exceed NB Power's supply capability.

NB Power estimates the applicable start-up rate and makes retroactive adjustments based on the Customer's actual cost per kWh, which is the aggregate of demand and energy charges, established during the six month period following the start-up period.

The start-up rate will be calculated so that the resulting cost to the Customer is the higher of:

- 7.93¢ per kWh, or
- Customer's lowest monthly aggregate cost per kWh in the six months following the start-up period.

NB Power will supply interruptible energy in excess of the demand reserved for the Customer up to the amount of the Customer's unused generation capability, if such energy is available at the Delivery Point, and can be provided with available resources over and above the requirement of other firm commitments. The rate will be based on NB Power's incremental cost of providing such energy.

**Interruptible
Energy
Charge**

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**Rate Schedules and
Rate Application Guidelines**

Large Industrial Rate Schedule cont'd

**Surplus
Energy
Charge**

To qualify for new Surplus Energy or to continue to purchase Surplus Energy after April 1, 2001, the Customer must sign a minimum three-year contract with NB Power as its sole electricity supplier. Surplus Energy is supplied only if it can be provided with available resources over and above the requirement of other firm commitments. The Customer must interrupt Surplus Energy use within ten (10) minutes of a request from NB Power. Customers can purchase Surplus Energy for load additions of 2000 kilowatts or more.

Customers who currently purchase Surplus Energy above a defined load level can continue to do so for that load and any additional load that is interruptible by signing a minimum three-year contract. NB Power may also convert all or part of a Customer's existing load to Surplus Energy if the customer has a self-generation option which it agrees to defer by at least three years.

Customers are required to interrupt Surplus Energy to meet financially firm export obligations. When Surplus Energy is interrupted to meet financially firm export obligations, the Customer is reimbursed 50 percent of the cost of the replacement energy that would have otherwise incurred to supply the export sales.

Customers who fail to interrupt will be billed an additional charge which is the higher of:

- (i) two times the monthly demand charge per kilowatt for the Large Industrial rate classification multiplied by the kilowatts that were not interrupted plus any incremental cost of supplying the energy, or
- (ii) the costs incurred for replacement energy to supply financially firm export obligations.

Rate Schedules and Rate Application Guidelines

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Large Industrial Rate Schedule cont'd

The price is based on the incremental cost of providing such energy. Incremental cost is defined as the incremental generation or purchased power cost after supplying in-province firm load and other firm supply commitments.

**Pricing of
Interruptible
and Surplus
Energy**

Interruptible and Surplus Energy prices are:

On peak price = incremental cost during on peak hours + 0.9¢/kWh.

Off peak price = incremental cost during off peak hours + 0.3¢/kWh.

The on peak period is defined as 0800 to 2400 hours Atlantic Prevailing Time on all weekdays, except statutory holidays in New Brunswick. All other hours are considered to be off peak.

NB Power will provide a week ahead forecast and day ahead firm quotes of the on and off peak prices to be paid by the customer.

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**Rate Schedules and
Rate Application Guidelines**

Large Industrial Rate Schedule cont'd
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**Rental
Charges**

At the Customer's request, NB Power will supply, own and maintain the substation facilities from the high voltage switches to the low voltage terminals of the step-down transformers, provided such transformation satisfies NB Power standards. The charge for such Rental Facilities is 1 2/3% per month of the installed costs. The Customer will supply the low voltage switch gear, concrete substation foundation pads and necessary protective fencing.

For customers with a primary service voltage of 12.47 kV, at the customer's request, NB Power will supply, own and maintain the distribution facilities at a primary service voltage of 12.47 kV, up to the secondary voltage terminals on the step down transformer. The charge for such Rental Facilities is 1 2/3% per month of the installed costs.

**Losses
Charge**

At the discretion of NB Power, electricity may be supplied at a primary service voltage between 4 kV and 25 kV. In such cases, the monthly demand and energy consumption will be increased by 1 1/2% to compensate for transformation losses.

**Transformation
Charge**

When a Customer is provided service at voltages less than 69 kV, the Customer will also be charged an "equivalent kVA rental" charge. The equivalent kVA charge is the Customer's kVA demand multiplied by \$1.46 per kVA per month.

Contracts

A Customer supplied at the large industrial rate is required, and is deemed, to have entered a firm contract providing for the payment of the rate, for an initial term of five (5) years, in the case of a Customer considered by NB Power to be a new Customer, and for an initial term of one year for a Customer considered by NB Power to be an existing Customer. The contract will continue thereafter on a firm basis subject to termination by either the Customer or NB Power at the end of the initial term, or any date thereafter by either party giving at least twelve months' notice in writing.

When a Customer's operations are jeopardized because of a failure of its electricity generating equipment, the Customer can apply to suspend any portion of its curtailable power contract and/or firm up all or part of interruptible purchases for a period of at least six months and not more than one year.

Metering

The metering point shall be at or near the transmission line terminals (69 kV or above).

Rate Schedules and Rate Application Guidelines

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Large Industrial Rate Application Guidelines

Industrial rates apply to the following SIC groups:

Division C major group:

04 Logging Industry

Division D major groups:

06 Mining Industries

07 Crude Petroleum and Natural Gas Industries

08 Quarry and Sand Pit Industries

09 Service Industries Incidental to Mineral Extraction

Division E, Manufacturing Industries

In addition, the Large Industrial Rate applies to:

Any business operation involving both manufacturing/ processing and service/repair, in which more than one half of the business volume is manufacturing/ processing.

Data centres with a total firm load of 750 kW or more. 95% of the facilities' total load must be data centre functions. Data centre functions include data storage, processing and communication, and support services including heating and cooling.

Warehousing, storage and distribution centers on the same property and forming part of a manufacturing or processing operation with one (1) meter where the manufacturing or processing load is greater than one half of the total load.

Customers whose demand is above 750 kW and less than 3000 kW may choose to be billed at the small industrial rate or the large industrial rate. To be eligible for the large industrial rate, customers must meet the conditions of the large industrial rate.

Customers with a primary service voltage of 12.47 kV whose demand is above 750 kW and less than 3000 kW who opt to change classification from the small industrial rate to the large industrial rate will be required to make a contribution toward the cost of upgrading NB Power facilities including installing primary metering.

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**Rate Schedules and
Rate Application Guidelines**

Wholesale Rate Schedule

Wholesale Saint John Energy and The Electrical Department of the
City of Edmundston.

Rate

Demand Charge:
\$14.30 per kW per month

Energy Charge:
6.69¢ per kWh for all kWh in the month

**Rate Schedules and
Rate Application Guidelines**

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Unmetered Rate Schedules

That category of Customers in all areas served by NB Power requiring unmetered service.

**Unmetered
Service**

Rate

Minimum Charge:
\$10.89 per month

Energy Charge:
13.75¢ per kWh of estimated consumption

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Rate Schedules and Rate Application Guidelines

Unmetered Rate Application Guidelines

Services for which electricity consumption is uniform and easily estimated.

Services where metering is not considered practical by NB Power.

Specific Applications of the unmetered rate include:

- traffic control lights
- self-contained sign lighting
- architectural flood lighting
- decorative lighting
- carrier repeaters
- radio transmitters
- telephone booths
- range lights
- airport runway lights
- highway traffic counters
- CATV power supply units

Estimating Consumption

Electricity consumption is estimated by multiplying the connected load in watts times the hours of usage. For example, a photoelectrically controlled 100 Watt sign light operates approximately 12 hours per day, has an estimated annual consumption calculated as follows:

100 watts x 12 hours x 365 days = 438,000 watt-hours
or 438 kWh per year.

If conditions are such as to cause reasonable doubt concerning the connected load, recording equipment will be installed to determine the kW connected load.

Rate Schedules and Rate Application Guidelines

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Miscellaneous Rate Schedules

Railway Flashing Signals	\$ 97.86 per year (billed monthly)
Railway Safety Gates	\$ 389.90 per year (billed monthly)
Air Raid and Fire Sirens (unmetered)	\$ 4.19 per month per HP of nameplate rating
Outdoor Christmas Lighting	4.28¢ per watt of connected load per week

The minimum charge is for a period of one (1) week.

These rates apply to the charging of electric vehicles at
NB Power's Charge Network.

Electric Vehicle Charging Rate Schedule

Rates

DC Fast Charge	\$15.00 per hour
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This rate is pro-rated based on the time that a vehicle is plugged in.

Level 2 Charge	\$1.50 per hour
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This rate is pro-rated based on the time that a vehicle is plugged in. The maximum charge at a Level 2 charging station is \$3.00 per session.

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**Rate Schedules and
Rate Application Guidelines**

Short Term Unmetered Rate Schedule

That category of Customers in all areas served by NB Power requiring single-phase and three-phase installations and connected for no longer than one (1) month. The installation will not be metered.

Rate

Connection Charge:	Single- Phase	Three- Phase
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A. Connection to existing secondary voltage	\$91.50	\$91.50
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B. Where transformer installations are required, the following connection charges will apply:

(1) to and including 10 kVA	\$133.43	\$187.53
(2) 11 kVA to 15 kVA	\$215.86	\$269.83
(3) 16 kVA to 25 kVA	\$241.33	\$301.79
(4) 26 kVA to 37 kVA	\$269.83	\$301.79
(5) 38 kVA to 50 kVA	\$301.79	\$301.79
(6) 51 kVA to 75 kVA	\$331.31	\$469.75
(7) 76 kVA to 125 kVA	\$386.46	\$498.10
(8) Above 125 kVA	--	\$533.38

Energy Charge:
13.75¢ per kWh of estimated consumption.

Rate Schedules and Rate Application Guidelines

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Short Term Unmetered Rate Application Guidelines

Available to serve such events as carnivals, bazaars, and unmetered installations.

Connected for no longer than one (1) month.

When the service exceeds one month, the installation will be billed and the remaining time considered as a new installation.

When meters are involved, and not disconnected, a reading will be taken and the kilowatt hours noted for record purposes only.

When poles or additional equipment other than the transformer installation are required, the installation and removal charges will be estimated and collected before work commences. Customers who have a credit history, acceptable to NB Power, may be billed using a Form 232, Customers Contribution Estimate.

Electricity consumption is estimated by multiplying the connected load in kW (or kVA times 0.9), times the hours of usage. For example, a carnival with a connected load of 25 kVA operates 12 hours per day for 10 days has an estimated consumption calculated as follows:

$25 \text{ kVA} \times 0.9 \text{ power factor} \times 12 \text{ hours} \times 10 \text{ days} = 2,700 \text{ kWh.}$

If conditions are such as to cause reasonable doubt concerning the connected load, recording equipment will be installed to determine the kVA connected load.

**Estimating
Consumption**

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**Rate Schedules and
Rate Application Guidelines**

Rental Facility Rate Schedules
**Water
Heaters**

This rate applies to Customers renting water heaters from NB Power.

Rate

Single Phase

22 gallons (100 L)	\$ 6.64 per month
40 gallons (180 L)	\$ 6.64 per month
60 gallons (270 L)	\$ 8.61 per month
100 gallons (455 L)	\$ 17.30 per month
*50 gallons (228 L) "Stainless Steel"	\$ 6.64 per month

Three Phase

100 gallons (455L) "Commercial" 208V	\$26.46 per month
100 gallons (455 L) "Commercial" 600V	\$33.50 per month

Plus Harmonized Sales Tax as applicable.

*This charge is applicable to existing water heaters only.

**Area
Lighting**

This rate applies to Customers renting area lighting from NB Power for a minimum of 12 consecutive months.

Rate**Luminaires:**

100 Watt high pressure sodium	\$14.52 per month
200 Watt high pressure sodium	\$22.82 per month
* 175 Watt mercury vapor	\$14.52 per month
* 400 Watt mercury vapor	\$26.03 per month
* 200 Watt HPS floodlight	\$25.74 per month
* 250 Watt HPS floodlight	\$27.08 per month
* 400 Watt HPS floodlight	\$33.86 per month
250 Watt Metal Halide floodlight	\$28.45 per month
400 Watt Metal Halide floodlight	\$35.22 per month
1000 Watt Metal Halide floodlight	\$60.95 per month

LED Area Lighting

100 Watt HPS Equivalent	\$13.79 per month
200 Watt HPS Equivalent	\$21.68 per month

Rate Schedules and Rate Application Guidelines

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Rental Facility Rate Schedules cont'd

Poles:

Wood Pole \$ 4.48 per month

Concrete Pole \$ 8.18 per month

*Steel Pole (concrete foundation) \$20.97 per month

*These charges are applicable to existing fixtures only.

That category of Customers renting street lighting from
NB Power.

**Street
Lighting**

Rate**Luminaires:**

Lamp Wattage	Mean Output (Lumens)	Rate Per Year (\$)
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Mercury Vapor

* 175 Watt 7500 174.70

* 250 Watt 11100 243.09

* 400 Watt 19800 340.36

Low Pressure Sodium

* 180 Watt 33000 338.90

High Pressure Sodium (HPS)

* 70 Watt 5500 137.21

100 Watt 8500 174.70

150 Watt 14400 249.63

200 Watt 19800 299.19

*250 Watt 27000 340.36

400 Watt 45000 400.14

* These charges are applicable to existing fixtures only.

Light Emitting Diode (LED)

100 Watt HPS Equivalent 160.73

150 Watt HPS Equivalent 229.66

200 Watt HPS Equivalent 275.26

400 Watt HPS Equivalent 368.14

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**Rate Schedules and
Rate Application Guidelines**

Rental Facility Rate Schedules cont'd

Pole That category of Customers renting poles from NB Power

Rate

The rental rate for poles is:

Wood pole	\$ 53.76 per pole per year
Concrete pole	\$ 98.16 per pole per year
*Steel pole (direct burial)	\$ 98.16per pole per year
*Steel pole (concrete foundation)	\$251.64 per pole per year
*Aluminum pole (concrete foundation)	\$251.64per pole per year

* These charges are applicable to existing poles only.

**Rate Schedules and
Rate Application Guidelines**

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Customer Facility Rate Schedule

That category of Customers owning street and area lighting.

**Customer Owned
Street and Area
Lighting**

Rate

Lamp Wattage Rate Per Year (\$)

Incandescent

100 Watt	55.71
200 Watt	112.17
300 Watt	167.87
500 Watt	269.11

Mercury Vapor

100 Watt	67.38
125 Watt	82.91
175 Watt	112.17
250 Watt	154.84
400 Watt	245.13
700 Watt	417.56
1000 Watt	592.84

Low Pressure Sodium

90 Watt	63.89
135 Watt	91.13
180 Watt	114.47

High Pressure Sodium

70 Watt	55.10
100 Watt	72.92
150 Watt	98.28
200 Watt	135.16
250 Watt	155.82
400 Watt	245.14
1000 Watt	588.54

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**Rate Schedules and
Rate Application Guidelines**

Customer Facility Rate Schedule cont'd

Light Emitting Diode (LED)

Range (Watts)	(\$/Year)
1-25	\$13.79
26-50	\$27.58
51-75	\$41.37
76-100	\$55.15
101-125	\$68.94
126-150	\$82.73
151-175	\$96.51
176-200	\$110.30
201-225	\$124.09
226-250	\$137.88
251-27	\$151.65
276-300	\$165.44

The above charges apply to photo-controlled lights operating from dusk to dawn. The energy charges for lights operating from dusk to 1:30 a.m. and controlled by a time switch shall be 50% of the above rates.

Rate Schedules and Rate Application Guidelines

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Customer Facility Rate Schedule cont'd

**Customer Owned
Outdoor
Recreational
Lighting**

That category of Customer owning metered outdoor lighting which operates only during the period April through November.

Rate

Service Charge: \$ 22.79 per Billing Period

Energy Charge: 13.12¢ per kWh for first 5000 kWh
per Billing Period
9.31¢ per kWh for balance kWh
per Billing Period

The above rate is available to Customers with outdoor recreation lighting. Examples of Customers on this rate include: baseball parks, soccer fields, tennis courts. Customers who have non-lighting requirements on the same service, e.g. water heaters, can also qualify for this rate if the connected non-lighting load is less than 20 kilowatts.

Customers on this rate who use electricity, other than for standby load and control equipment heating, during December through March will be assessed demand charges for each month, including the preceding April through November, in which electricity is used. The demand charges will be assessed at the General Service I Rate. Failure to pay demand charges will result in the Customer being placed on the General Service I Rate.

The changes in the rates, tolls and charges contained in Sections N and O of this manual, dated August 1, 2018, are made under the authority of the New Brunswick Electricity Act effective October 1, 2013.

Authorization

O. Fees and Charges

Service Call Fee

A service call fee of \$47.38 is applicable to the following services:

- Change from temporary to permanent service
- Reconnection of service, including reconnection for Accounts disconnected for nonpayment, installations where services have been upgraded, connections that do not require installation of a service loop, and connection of services that require a meter reading only
- If the meter is removed for testing at the Customer's request and the test results indicate the meter accuracy is within the allowable limits
- Each addition to an existing unmetered Account.

A service call fee is not applicable to the following services:

- Reconnection of service disconnected as a result of fire or other casualty or any incident not the fault of the Customer
- Transfer of service under the landlord service plan.
- Installation of area lights
- Delivery of water heaters rented by NB Power to the Customer's Premises at the location requested by the Customer
- Maintenance of water heaters rented by NB Power to the Customer, including blown fuses, thermostat adjustments and other changes of a minor nature
- Additions to street lighting or traffic control light Accounts
- Disconnection of service
- Service to a Premises to facilitate changes of a minor nature such as meter removal for replacement of siding.

Fees and Charges

Connection And Reconnection Fees

A connection fee of \$83.85 is charged for all initial service connections including metered Temporary Facilities.

For multiple metered installations, e.g., Apartment Buildings, the \$83.85 fee applies to the service for the common area. If there is no separate service for the common area, this charge applies to the first service connected. The remainder of the initial connections in multiple metered Premises will be charged the service call fee and not the connection fee.

Connection of a mobile home to NB Power Facilities that requires installation of an Overhead Service Loop is considered to be an initial installation.

A seasonal reconnection fee of \$132.21 is applicable to the reconnection of an existing seasonal service to NB Power Facilities if the reconnection is for the same occupants of the Premises.

After Hours Fee

If a Customer requests service outside NB Power's normal working hours, or prior to normal scheduled service, an after hours fee will be charged in addition to the connection or service call fee.

The after hours fee is \$68.86 for jobs requiring two (2) person hours or less, including travel. For jobs requiring more than two (2) person hours, the after hours fee is set at NB Power's incremental cost of providing the service.

Late Payment Charge

The late payment charge for all Customers is 1½% per month (effective annual rate 19.56% per annum or .04896% compounded daily rate).

The minimum late payment charge is 50¢. If an Account is less than \$4.00 in arrears, no late payment charge is applied.

Fees and Charges

Non Sufficient Funds Charge

The charge for non sufficient funds is \$15.00.

Extension Of Overhead Facilities Charges

The Construction Charge is the estimated cost times the contribution ratio of 100%.

Extension Of Overhead Facilities Refunds

Type of New Account Connected	<u>Type of Original Contribution</u>	
	Single Phase	Three Phase
Single-Phase	90 meters times the average per meter Construction Charge	90 meters times half of the average per meter Construction Charge
Three-Phase	90 meters times the average per meter Construction Charge	90 meters times the average per meter Construction Charge

RSP
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Fees and Charges

Optional Facilities Charges

Maintenance Charge for Optional Facilities:

15% of the total estimated construction cost of the optional facilities.

Nonstandard Service Entrances:

Location	\$ 83.30
Pole	\$399.95
Anchor	\$163.30

Radio Frequency Meter for Accessibility:

Location	\$ 83.30
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Facilities to Non-Fixed Premises:

Pole	\$399.95
Anchor	\$163.30

Pole Attachment Fee

Attachment to NB Power poles.

Pole	\$21.67 per pole per year
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Customer Statement of Account

NB Power charges for statements of accounts (up to 24 months) requested by customers.

Statement: \$18.09 per statement

If for some reason a customer needs two separate statements, one for each year, then the charge will be applied for each statement.

Copies of invoices for current and the previous month will be provided at no charge.

Fees and Charges

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Load Profile Metering Services Charge

NB Power provides load profile metering services which includes the installation of customer load profile meters, data retrieval, and reporting. The charge for these services are:

	Initial Installation Fee	Monthly Charge
Small Industrial and General Service:		
Mass Memory Meter	\$265.29	\$21.70
Pulse Output	\$120.59	\$36.19
Automatic Call Processor (Stick)	--	\$11.46
Monthly Report	--	\$18.09
Large Industrial:		
Pulse Output	\$836.89	--
Automatic Call Processor (Stick)	--	\$11.46
Monthly Report	--	\$18.09