

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF THE PUBLIC UTILITIES ACT

- and -

IN THE MATTER OF AN APPLICATION by the **TOWN OF MAHONE BAY**, on behalf of its **ELECTRIC UTILITY**, for approval of amendments to its Schedule of Rates for Electric Supply and Services, to allow it to pass-through to its customers Fuel Adjustment Mechanism adjustments approved by the Nova Scotia Utility and Review Board for Nova Scotia Power Inc.

BEFORE:  Peter W. Gurnham, Q.C., Chair

ORDER

WHEREAS the Town of Mahone Bay, on behalf of its Electric Utility (“Utility”), made application on February 17, 2017, to the Nova Scotia Utility and Review Board (“Board”) for approval of amendments to its Schedule of Rates for Electric Supply and Services, to allow the Utility to pass-through to its customers recent changes approved by the Board as a consequence of Board Orders related to Nova Scotia Power Inc. (“NSPI”) Fuel Adjustment Mechanism (“FAM”) adjustments for 2017 to 2019;

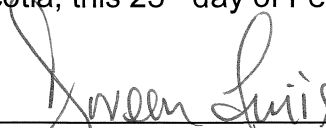
AND WHEREAS following a public hearing on December 16, 2005, the Board, by Order dated the 17th day of January 2006, approved a formula to permit the Utility to pass-through the increase in cost of electric service, to its customers, as a consequence of an increase in NSPI rates;

AND WHEREAS on January 29, 2010, the Board approved a formula to recover DSM and FAM adjustments;

AND WHEREAS the Utility has proposed to amend its rates using the formulas approved by the Board;

IT IS HEREBY ORDERED that the Schedules of Rates for Electric Supply and Services, attached hereto as Schedule “B”, are approved for services rendered on and after February 1, 2017, January 1, 2018, and January 1, 2019.

DATED at Halifax, Nova Scotia, this 23rd day of February, 2017.



Clerk of the Board

SCHEDULE "B"
TOWN OF MAHONE BAY ELECTRIC UTILITY

SCHEDULE OF RATES FOR ELECTRIC SUPPLY AND SERVICES
PROPOSED RATES

(Effective for services rendered on and after February 01, 2017)

RATES

The rates set out below are the rates for electric supply and service when payment is made within 30 days from the date rendered as shown on the bill.

Bills which are not paid within 30 days will be subject to an interest rate of 1.5% per month or part thereof to a maximum of 18.72% per year.

Each bill shall show the amount payable within 15 days from the date rendered as shown on the bill and the interest rate of 1.5% per month or part thereof which is charged on amounts unpaid after the due date.

"Nova Scotia Power Inc. (NSPI) Municipal Rate Class **Across the Board** Increases"

In order to recover increased costs due to NSPI increases and upon notice by the Council of the Town of Mahone Bay to the Nova Scotia Utility and Review Board, (the Board), the Board may amend the Rates for Domestic service, Small General, Large General and Street and Yard Lighting based on the following formula without the necessity of a public hearing.

$$1) \quad A \times B = C$$
$$C \div D = F\%$$

$$2) \quad G \times H = 1$$
$$I \div J = K\%$$

$$3) \quad \frac{F\% + K\%}{2} = L\%$$

A = 2nd previous years power purchase cost from NSPI;

B = NSPI approved increase %;

D = 2nd previous fiscal year total sales for the above classes;

G = Previous fiscal years power purchase costs from NSPI;

H = NSPI approved Increase %;

J = Previous fiscal years total sales for the above classes;

L = Average % change required to the Town of Mahone Bay Electric rates to recover increased power purchase costs.

“Nova Scotia Power Inc. (NSPI) Municipal Rate Class Adjustments due to DSM and FAM”

In order to recover DSM and FAM adjustments due to NSPI approved DSM and FAM adjustments and upon notice by the Council of the Town of Mahone Bay to the Nova Scotia Utility and Review Board (the Board), the Board may amend the kWh Rates for Domestic Service, Small General, General, Large General and Street and Yard Lighting based on the following, without the necessity of a public hearing.

For Domestic Service, Small General, General the following formula will apply:

$$A+B=C$$

$$C \times D/100=E$$

$$E/F*100=G$$

A= NSPI DSM Rate to Municipal Class (cents per KWH)

B= NSPI FAM Rate to Municipal Class (cents per KWH)

D =KWH Purchases from NSPI for previous complete fiscal year.

F=KWH Sold by Municipal Electric Utility for previous complete fiscal year.

G= Adjustment to Municipal Electric Rates as a result of DSM & FAM Charges (cents per KWH)

For Street and Yard Lighting Categories the following formula will apply:

$$G * H *(4,000//1000/12)/100= I$$

G= Adjustment to Municipal Electric Rates as a result of DSM & FAM Charges (cents per KWH)

H= Rated Wattage of Street Light

I= Adjustment of monthly charge per Street Light as a result of DSM & FAM Charge

For Domestic Time of Use Rates the following will apply:

On peak, charges are twice the Regular Domestic 2nd Block KWH rate;

Shoulder charges are equal to the Regular 2nd Block Domestic KWH rate;

The off-peak charges are equal to 58.10% of the Regular 2nd Block Domestic KWH Rate:

DOMESTIC SERVICE

<u>Service Charge:</u>	Three-wire service - \$11.69 per month
<u>Energy Charge:</u>	15.28 cents per kilowatt-hour for the first 200 kilowatt hours per month 13.23 cents per kilowatt hour for all additional consumption
<u>Minimum Bill:</u>	The Service Charge 11.69
<u>Availability:</u>	This rate is applicable to electric service supplied to any customer in a private residence for the customer's own domestic or household use, including lighting, cooking, heating and power for ordinary household appliances. It shall not apply to hotels, public boarding houses or institutional dormitories.

SMALL GENERAL SERVICE

<u>Service Charge:</u>	\$13.80 per month
<u>Energy Rates:</u>	15.20 cents per kilowatt-hour for the first 100 kilowatt-hours per month per kilowatt of connected load or maximum demand, whichever is the basis of the Base Charge. 13.64 cents per kilowatt-hour for all additional consumption
<u>Minimum Bill:</u>	\$13.80 per month
<u>Availability:</u>	This rate is applicable to all electric loads other than domestic, street lighting or area lighting where the connected load is 10 KW or less.

GENERAL SERVICE

<u>Demand Charge:</u>	\$4.76 per month per kilowatt of maximum demand
<u>Energy Rates:</u>	15.38 cents per kilowatt hour for the first 200 kilowatt hours per month per kilowatt of maximum demand
	9.57 cents per kilowatt hour for all additional consumption
<u>Minimum Bill:</u>	\$23.91 per month
<u>Availability:</u>	This rate is applicable to all electric loads other than domestic service, street lighting and area lighting where the connected load exceeds 10 KW.

STREET LIGHTING

Town Street Lighting

<u>Lamp type and Rating</u>	<u>\$/Month</u>
LPS, 55 watt	\$ 17.23
HPS, 100 watt	\$ 17.57
HPS, 150 watt	\$ 21.48
MV, 250 watt	\$ 24.89
Inc., 189 watt	\$ 22.87

<u>Availability:</u>	The above rates are applicable to street lighting supplied to the Town of Mahone Bay. They include supply and installation of equipment on existing poles, power and energy for approximately 4,000 hours operation per year and costs of ordinary repair and maintenance.
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Area Lighting

<u>Lamp Type and Rating</u>	<u>\$/Month</u>
Inc., 200 watt	17.13
Inc., 500 watt	29.73
MV, 250 watt	18.50
MV, 400 watt	33.49

<u>Availability:</u>	These rates are applicable to outdoor lighting supplied to customers other than the Town of Mahone Bay for the illumination of yards, driveways and all other energy for approximately 4,000 hours per year and costs of ordinary repair and maintenance
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DOMESTIC SERVICE TIME-OF-DAY RATE (OPTIONAL)

Service Charge

\$22.62 PER MONTH

Energy Charge

December, January and February

07:00 am to 1:00 pm	25.90 cents per kilowatt hour
1:00 pm to 4:00 pm	13.23 cents per kilowatt hour
4:00 pm to 10:00 pm	25.90 cents per kilowatt hour
10:00 pm to 7:00 am	7.92 cents per kilowatt hour

The above rates apply weekdays (Monday through Friday inclusive), excluding statutory holidays. For Saturdays, Sundays and statutory holidays, all consumption will be billed at the rate of 7.92 cents per kilowatt hour.

March to November

7:00 am to 10:00 pm	13.23 cents per kilowatt hour
10:00 am to 7:00 pm	7.92 cents per kilowatt hour

The above rates apply weekdays (Monday through Friday inclusive), excluding statutory holidays. For Saturdays, Sundays, and statutory holidays, all consumption will be billed at the rate of 7.92 cents per kilowatt hour.

Minimum Monthly Charge

The minimum monthly charge shall be \$22.62

Availability

This rate is only available to customers employing Electric Thermal Storage (ETS) equipment and electric in-floor radiant (i.e. hydronic) heating systems utilizing time shifting technology approved by the Utility.

SCHEDULE "B"
TOWN OF MAHONE BAY ELECTRIC UTILITY



SCHEDULE OF RATES FOR ELECTRIC SUPPLY AND SERVICES
PROPOSED RATES

(Effective for services rendered on and after January 01, 2018)

RATES

The rates set out below are the rates for electric supply and service when payment is made within 30 days from the date rendered as shown on the bill.

Bills which are not paid within 30 days will be subject to an interest rate of 1.5% per month or part thereof to a maximum of 18.72% per year.

Each bill shall show the amount payable within 15 days from the date rendered as shown on the bill and the interest rate of 1.5% per month or part thereof which is charged on amounts unpaid after the due date.

"Nova Scotia Power Inc. (NSPI) Municipal Rate Class **Across the Board** Increases"

In order to recover increased costs due to NSPI increases and upon notice by the Council of the Town of Mahone Bay to the Nova Scotia Utility and Review Board, (the Board), the Board may amend the Rates for Domestic service, Small General, Large General and Street and Yard Lighting based on the following formula without the necessity of a public hearing.

$$1) \quad \begin{aligned} A \times B &= C \\ C \div D &= F\% \end{aligned}$$

$$2) \quad \begin{aligned} G \times H &= 1 \\ I \div J &= K\% \end{aligned}$$

$$3) \quad \frac{F\% + K\%}{2} = L\%$$

- A = 2nd previous years power purchase cost from NSPI;
- B = NSPI approved increase %;
- D = 2nd previous fiscal year total sales for the above classes;
- G = Previous fiscal years power purchase costs from NSPI;
- H = NSPI approved Increase %;
- J = Previous fiscal years total sales for the above classes;
- L = Average % change required to the Town of Mahone Bay Electric rates to recover increased power purchase costs.

“Nova Scotia Power Inc. (NSPI) Municipal Rate Class Adjustments due to DSM and FAM”

In order to recover DSM and FAM adjustments due to NSPI approved DSM and FAM adjustments and upon notice by the Council of the Town of Mahone Bay to the Nova Scotia Utility and Review Board (the Board), the Board may amend the kWh Rates for Domestic Service, Small General, General, Large General and Street and Yard Lighting based on the following, without the necessity of a public hearing.

For Domestic Service, Small General, General the following formula will apply:

$$A+B=C$$

$$C \times D/100=E$$

$$E/F*100=G$$

A= NSPI DSM Rate to Municipal Class (cents per KWH)

B= NSPI FAM Rate to Municipal Class (cents per KWH)

D =KWH Purchases from NSPI for previous complete fiscal year.

F=KWH Sold by Municipal Electric Utility for previous complete fiscal year.

G= Adjustment to Municipal Electric Rates as a result of DSM & FAM Charges (cents per KWH)

For Street and Yard Lighting Categories the following formula will apply:

$$G * H *(4,000//1000/12)/100= I$$

G= Adjustment to Municipal Electric Rates as a result of DSM & FAM Charges (cents per KWH)

H= Rated Wattage of Street Light

I= Adjustment of monthly charge per Street Light as a result of DSM & FAM Charge

For Domestic Time of Use Rates the following will apply:

On peak, charges are twice the Regular Domestic 2nd Block KWH rate;

Shoulder charges are equal to the Regular 2nd Block Domestic KWH rate;

The off-peak charges are equal to 58.10% of the Regular 2nd Block Domestic KWH Rate:

DOMESTIC SERVICE

<u>Service Charge:</u>	Three-wire service - \$11.80 per month
<u>Energy Charge:</u>	15.43 cents per kilowatt-hour for the first 200 kilowatt hours per month 13.36 cents per kilowatt hour for all additional consumption
<u>Minimum Bill:</u>	The Service Charge 11.80
<u>Availability:</u>	This rate is applicable to electric service supplied to any customer in a private residence for the customer's own domestic or household use, including lighting, cooking, heating and power for ordinary household appliances. It shall not apply to hotels, public boarding houses or institutional dormitories.

SMALL GENERAL SERVICE

<u>Service Charge:</u>	\$13.93 per month
<u>Energy Rates:</u>	15.34 cents per kilowatt-hour for the first 100 kilowatt-hours per month per kilowatt of connected load or maximum demand, whichever is the basis of the Base Charge. 13.77 cents per kilowatt-hour for all additional consumption
<u>Minimum Bill:</u>	\$13.93 per month
<u>Availability:</u>	This rate is applicable to all electric loads other than domestic, street lighting or area lighting where the connected load is 10 KW or less.

GENERAL SERVICE

<u>Demand Charge:</u>	\$4.81 per month per kilowatt of maximum demand
<u>Energy Rates:</u>	15.53 cents per kilowatt hour for the first 200 kilowatt hours per month per kilowatt of maximum demand
	9.66 cents per kilowatt hour for all additional consumption
<u>Minimum Bill:</u>	\$24.14per month
<u>Availability:</u>	This rate is applicable to all electric loads other than domestic service, street lighting and area lighting where the connected load exceeds 10 KW.

STREET LIGHTING

Town Street Lighting

<u>Lamp type and Rating</u>	<u>\$/Month</u>
LPS, 55 watt	\$ 17.39
HPS, 100 watt	\$ 17.74
HPS, 150 watt	\$ 21.68
MV, 250 watt	\$ 25.13
Inc., 189 watt	\$ 23.09

<u>Availability:</u>	The above rates are applicable to street lighting supplied to the Town of Mahone Bay. They include supply and installation of equipment on existing poles, power and energy for approximately 4,000 hours operation per year and costs of ordinary repair and maintenance.
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Area Lighting

<u>Lamp Type and Rating</u>	<u>\$/Month</u>
Inc., 200 watt	17.29
Inc., 500 watt	30.01
MV, 250 watt	18.68
MV, 400 watt	33.81

<u>Availability:</u>	These rates are applicable to outdoor lighting supplied to customers other than the Town of Mahone Bay for the illumination of yards, driveways and all other energy for approximately 4,000 hours per year and costs of ordinary repair and maintenance
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DOMESTIC SERVICE TIME-OF-DAY RATE (OPTIONAL)

Service Charge

\$22.83 PER MONTH

Energy Charge

December, January and February

07:00 am to 1:00 pm	26.15 cents per kilowatt hour
1:00 pm to 4:00 pm	13.36 cents per kilowatt hour
4:00 pm to 10:00 pm	26.15 cents per kilowatt hour
10:00 pm to 7:00 am	8.00 cents per kilowatt hour

The above rates apply weekdays (Monday through Friday inclusive), excluding statutory holidays. For Saturdays, Sundays and statutory holidays, all consumption will be billed at the rate of 8.00 cents per kilowatt hour.

March to November

7:00 am to 10:00 pm	13.36 cents per kilowatt hour
10:00 am to 7:00 pm	8.00 cents per kilowatt hour

The above rates apply weekdays (Monday through Friday inclusive), excluding statutory holidays. For Saturdays, Sundays, and statutory holidays, all consumption will be billed at the rate of 8.00 cents per kilowatt hour.

Minimum Monthly Charge

The minimum monthly charge shall be \$22.83

Availability

This rate is only available to customers employing Electric Thermal Storage (ETS) equipment and electric in-floor radiant (i.e. hydronic) heating systems utilizing time shifting technology approved by the Utility.

SCHEDULE "B"
TOWN OF MAHONE BAY ELECTRIC UTILITY

SCHEDULE OF RATES FOR ELECTRIC SUPPLY AND SERVICES
PROPOSED RATES

(Effective for services rendered on and after January 01, 2019)



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In order to recover increased costs due to NSPI increases and upon notice by the Council of the Town of Mahone Bay to the Nova Scotia Utility and Review Board, (the Board), the Board may amend the Rates for Domestic service, Small General, Large General and Street and Yard Lighting based on the following formula without the necessity of a public hearing.

$$1) \quad A \times B = C$$
$$C \div D = F\%$$

$$2) \quad G \times H = 1$$
$$I \div J = K\%$$

$$3) \quad \frac{F\% + K\%}{2} = L\%$$

- A = 2nd previous years power purchase cost from NSPI;
- B = NSPI approved increase %;
- D = 2nd previous fiscal year total sales for the above classes;
- G = Previous fiscal years power purchase costs from NSPI;
- H = NSPI approved Increase %;
- J = Previous fiscal years total sales for the above classes;
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In order to recover DSM and FAM adjustments due to NSPI approved DSM and FAM adjustments and upon notice by the Council of the Town of Mahone Bay to the Nova Scotia Utility and Review Board (the Board), the Board may amend the kWh Rates for Domestic Service, Small General, General, Large General and Street and Yard Lighting based on the following, without the necessity of a public hearing.

For Domestic Service, Small General, General the following formula will apply:

$$A+B=C$$

$$C \times D/100=E$$

$$E/F*100=G$$

A= NSPI DSM Rate to Municipal Class (cents per KWH)

B= NSPI FAM Rate to Municipal Class (cents per KWH)

D =KWH Purchases from NSPI for previous complete fiscal year.

F=KWH Sold by Municipal Electric Utility for previous complete fiscal year.

G= Adjustment to Municipal Electric Rates as a result of DSM & FAM Charges (cents per KWH)

For Street and Yard Lighting Categories the following formula will apply:

$$G * H *(4,000//1000/12)/100= I$$

G= Adjustment to Municipal Electric Rates as a result of DSM & FAM Charges (cents per KWH)

H= Rated Wattage of Street Light

I= Adjustment of monthly charge per Street Light as a result of DSM & FAM Charge

For Domestic Time of Use Rates the following will apply:

On peak, charges are twice the Regular Domestic 2nd Block KWH rate;

Shoulder charges are equal to the Regular 2nd Block Domestic KWH rate;

The off-peak charges are equal to 58.10% of the Regular 2nd Block Domestic KWH Rate:

DOMESTIC SERVICE

<u>Service Charge:</u>	Three-wire service - \$11.91per month
<u>Energy Charge:</u>	15.58 cents per kilowatt-hour for the first 200 kilowatt hours per month 13.49 cents per kilowatt hour for all additional consumption
<u>Minimum Bill:</u>	The Service Charge 11.91
<u>Availability:</u>	This rate is applicable to electric service supplied to any customer in a private residence for the customer's own domestic or household use, including lighting, cooking, heating and power for ordinary household appliances. It shall not apply to hotels, public boarding houses or institutional dormitories.

SMALL GENERAL SERVICE

<u>Service Charge:</u>	\$14.06 per month
<u>Energy Rates:</u>	15.49 cents per kilowatt-hour for the first 100 kilowatt-hours per month per kilowatt of connected load or maximum demand, whichever is the basis of the Base Charge. 13.90 cents per kilowatt-hour for all additional consumption
<u>Minimum Bill:</u>	\$14.06 per month
<u>Availability:</u>	This rate is applicable to all electric loads other than domestic, street lighting or area lighting where the connected load is 10 KW or less.

GENERAL SERVICE

<u>Demand Charge:</u>	\$4.86 per month per kilowatt of maximum demand
<u>Energy Rates:</u>	15.68 cents per kilowatt hour for the first 200 kilowatt hours per month per kilowatt of maximum demand
	9.75 cents per kilowatt hour for all additional consumption
<u>Minimum Bill:</u>	\$24.37 per month
<u>Availability:</u>	This rate is applicable to all electric loads other than domestic service, street lighting and area lighting where the connected load exceeds 10 KW.

STREET LIGHTING

Town Street Lighting

<u>Lamp type and Rating</u>	<u>\$/Month</u>
LPS, 55 watt	\$ 17.56
HPS, 100 watt	\$ 17.91
HPS, 150 watt	\$ 21.89
MV, 250 watt	\$ 25.37
Inc., 189 watt	\$ 23.31

<u>Availability:</u>	The above rates are applicable to street lighting supplied to the Town of Mahone Bay. They include supply and installation of equipment on existing poles, power and energy for approximately 4,000 hours operation per year and costs of ordinary repair and maintenance.
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Area Lighting

<u>Lamp Type and Rating</u>	<u>\$/Month</u>
Inc., 200 watt	17.45
Inc., 500 watt	30.30
MV, 250 watt	18.86
MV, 400 watt	34.13

<u>Availability:</u>	These rates are applicable to outdoor lighting supplied to customers other than the Town of Mahone Bay for the illumination of yards, driveways and all other energy for approximately 4,000 hours per year and costs of ordinary repair and maintenance
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DOMESTIC SERVICE TIME-OF-DAY RATE (OPTIONAL)

Service Charge

\$23.05 PER MONTH

Energy Charge

December, January and February

07:00 am to 1:00 pm	26.40 cents per kilowatt hour
1:00 pm to 4:00 pm	13.49 cents per kilowatt hour
4:00 pm to 10:00 pm	26.40 cents per kilowatt hour
10:00 pm to 7:00 am	8.08 cents per kilowatt hour

The above rates apply weekdays (Monday through Friday inclusive), excluding statutory holidays. For Saturdays, Sundays and statutory holidays, all consumption will be billed at the rate of 8.08 cents per kilowatt hour.

March to November

7:00 am to 10:00 pm	13.49 cents per kilowatt hour
10:00 am to 7:00 pm	8.08 cents per kilowatt hour

The above rates apply weekdays (Monday through Friday inclusive), excluding statutory holidays. For Saturdays, Sundays, and statutory holidays, all consumption will be billed at the rate of 8.08 cents per kilowatt hour.

Minimum Monthly Charge

The minimum monthly charge shall be \$23.05

Availability

This rate is only available to customers employing Electric Thermal Storage (ETS) equipment and electric in-floor radiant (i.e. hydronic) heating systems utilizing time shifting technology approved by the Utility.