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All the time.



July 26, 2023



Island Regulatory & Appeals Commission
PO Box 577
Charlottetown PE C1A 7L1

Dear Commissioners:

Application for an Order to Approve an ECAM Rate Adjustment

Please find enclosed five (5) copies of Maritime Electric's Application for an Order approving an increase to the ECAM Rate Adjustment of \$0.0033 per kWh beginning on October 1, 2023 pursuant to Order UE23-04. The proposed adjustment is an increase to the \$0.0059 ECAM Rate Adjustment approved by the Commission in Order UE23-04 and, if approved, will result in a total ECAM Rate Adjustment of \$0.0092 effective October 1, 2023 and \$0.0062 effective March 1, 2024.

An electronic copy will follow. If you require further information, please do not hesitate to contact me at 902-629-3701.

Yours truly,

MARITIME ELECTRIC

A handwritten signature in blue ink that appears to read "Michelle Francis".

Michelle Francis
Vice President, Finance &
Chief Financial Officer

MF35
Attachments

C A N A D A

PROVINCE OF PRINCE EDWARD ISLAND

**BEFORE THE ISLAND REGULATORY
AND APPEALS COMMISSION**

IN THE MATTER of Section 3(a), 10, 13(1) and 20 of the *Electric Power Act* (R.S.P.E.I. 1988, Cap. E-4) and **IN THE MATTER** of the Application of Maritime Electric Company, Limited for an order approving an Energy Cost Adjustment Mechanism rate adjustment to customers' bills for the period October 1, 2023 to September 30, 2024 and for certain approvals incidental to such an order.

**APPLICATION
AND
EVIDENCE OF
MARITIME ELECTRIC COMPANY, LIMITED**

July 26, 2023

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1 **1.0 APPLICATION**

2
3 **C A N A D A**

4
5 **PROVINCE OF PRINCE EDWARD ISLAND**

6
7 **BEFORE THE ISLAND REGULATORY**
8 **AND APPEALS COMMISSION**

9
10
11 **IN THE MATTER** of Section 3(a), 10, 13(1) and 20 of
12 the *Electric Power Act* (R.S.P.E.I. 1988, Cap. E-4)
13 and **IN THE MATTER** of the Application of Maritime
14 Electric Company, Limited for an order approving an
15 Energy Cost Adjustment Mechanism rate adjustment
16 to customers' bills for the period October 1, 2023 to
17 September 30, 2024 and for certain approvals
18 incidental to such an order.

19
20
21 **Introduction**

22 Maritime Electric Company, Limited ("Maritime Electric" or the "Company") is a public utility
23 subject to the *Electric Power Act* engaged in the production, purchase, transmission,
24 distribution and sale of electricity within Prince Edward Island.

25
26 **Application**

27 Maritime Electric hereby applies for an order of the Island Regulatory and Appeals Commission
28 ("IRAC" or the "Commission") approving an Energy Cost Adjustment Mechanism rate
29 adjustment to customers' bills for the period October 1, 2023 to September 30, 2024 and for
30 certain approvals incidental to such an order.

SECTION 1 – APPLICATION

31 **Procedure**

32 Filed herewith is the Affidavit of Jason C. Roberts, T. Michelle Francis, Angus S. Orford and
33 Enrique A. Riveroll which contains the evidence on which Maritime Electric relies in this
34 Application.

35

36 Dated at Charlottetown, Province of Prince Edward Island, this 26th day of July, 2023.

37

38

39



40

D. Spencer Campbell, Q.C.

41

42

43

STEWART MCKELVEY

44

65 Grafton Street, PO Box 2140

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Charlottetown PE C1A 8B9

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Telephone: 902-629-4549

47

Solicitors for Maritime Electric Company, Limited

1 **2.0 AFFIDAVIT**

2

3 **C A N A D A**

4

5 **PROVINCE OF PRINCE EDWARD ISLAND**

6

7

**BEFORE THE ISLAND REGULATORY
AND APPEALS COMMISSION**

8

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10

IN THE MATTER of Section 3(a), 10, 13(1) and 20 of
the *Electric Power Act* (R.S.P.E.I. 1988, Cap. E-4)
and **IN THE MATTER** of the Application of Maritime
Electric Company, Limited for an order approving an
Energy Cost Adjustment Mechanism rate adjustment
to customers' bills for the period October 1, 2023 to
September 30, 2024 and for certain approvals
incidental to such an order.

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19

AFFIDAVIT

20

21 We, Jason Christopher Roberts of Suffolk, T. Michelle Francis of Emyvale, Angus Sumner
22 Orford of Charlottetown and Enrique Alfonso Riveroll of New Dominion, in Queens County,
23 Province of Prince Edward Island, MAKE OATH AND SAY AS FOLLOWS:

24

25 We are the President and Chief Executive Officer, Vice President, Finance and Chief Financial
26 Officer, Vice President, Corporate Planning and Energy Supply and Vice President, Customer
27 Service for Maritime Electric Company, Limited ("Maritime Electric" or the "Company"),
28 respectively, and as such have personal knowledge of the matters deposed to herein, except
29 where noted, in which case we rely upon the information of others and in which case we verily
30 believe such information to be true.

SECTION 2 – AFFIDAVIT

1 Maritime Electric is a public utility subject to the provisions of the *Electric Power Act* engaged
2 in the production, purchase, transmission, distribution and sale of electricity within Prince
3 Edward Island.

4
5 We prepared or supervised the preparation of the evidence and to the best of our knowledge
6 and belief the evidence is true in substance and in fact.

7
8 SWORN TO SEVERALLY at
9 Charlottetown, Prince Edward Island,
10 the 26th day of July, 2023.

11
12 
13 _____

14 Jason C. Roberts

15
16 
17 _____


18 T. Michelle Francis

19
20 
21 _____

22 Angus S. Orford

23
24 
25 _____

26 Enrique A. Riveroll

27
28
29 
30 _____

31 A Commissioner for taking affidavits
in the Supreme Court of Prince Edward Island.

1 **3.0 EXECUTIVE SUMMARY**

2
3 **3.1 Background**

4 The Energy Cost Adjustment Mechanism (“ECAM”), as approved by IRAC, is a mechanism
5 that ensures the timely collection of prudently incurred energy supply costs from customers
6 and allows for the deferral of unplanned fluctuations in energy supply costs during a rate-
7 setting period or designated period of time.

8
9 At the beginning of a rate-setting period, the basic energy charge included in customer rates
10 reflects a forecast of annual energy supply costs based on the Base Rate Cost, as defined in
11 the ECAM and approved by the Commission. As actual energy supply costs incurred by
12 Maritime Electric differ from the Base Rate Cost, the difference is deferred in the ECAM
13 account to be collected from or refunded to customers in a future period via an ECAM Rate
14 Adjustment applied to customers’ bills, as approved by the Commission. The ECAM balance
15 is reported to the Commission as part of the Company’s monthly financial statements
16 submission.

17
18 In June 2020, the Company filed with the Commission a comprehensive review of the energy
19 supply accounts included in the ECAM. In Order UE21-05, the Commission approved the
20 continued operation of the ECAM, including the Company’s proposed revisions to the accounts
21 to be included in the ECAM. These revisions were implemented in the Company’s next General
22 Rate Application (“GRA”), effective May 1, 2023. The Commission did not approve the
23 Company’s proposal for an automatic resetting of the ECAM Rate Adjustment applied to
24 customers’ bills as the Commission felt it would remove regulatory oversight, and may
25 introduce greater rate fluctuations and less predictability in customer rates.

26
27 The Company, therefore, submits this Application requesting approval of an increase to the
28 ECAM Rate Adjustment effective October 1, 2023 and to remain in effect until September 30,
29 2024 or until otherwise approved by the Commission.¹

¹ The Commission approved ECAM rate adjustments of (i) \$0.00589 per kWh effective May 1, 2023 to February 29, 2024, (ii) \$0.00287 effective March 1, 2024 to February 28, 2025, and (iii) \$0.00145 per kWh effective March 1, 2025 to February 28, 2026 in GRA Order UE23-04.

1 **3.2 2022 ECAM Balance**

2 The ECAM account reached a receivable or recoverable balance of \$11.7 million by December
3 31, 2022, \$4.9 million higher than the December 31, 2022 balance forecast in the Company’s
4 GRA filed with the Commission on June 20, 2022. A monthly ECAM schedule of actual energy
5 costs deferred on December 31, 2022 is provided in Appendix A. In Order UE23-04, the
6 Commission directed the Company to file an application for approval of an increase to the
7 ECAM rate adjustment effective October 1, 2023 to collect the additional balance of ECAM as
8 of December 31, 2022.

9
10 The primary reasons for the additional ECAM balance over what was forecast in the GRA are
11 the extension of one planned outage and three unscheduled outages at the Point Lepreau
12 Nuclear Generating Station (“Point Lepreau”) in 2022. The GRA forecast contemplated one
13 60-day planned outage scheduled for April to June 2022. This outage was extended to 121
14 days. An unplanned outage began on December 14, 2022 and the unit was offline for the
15 remainder of the year. As well, there were two other unplanned events in January 2022 and
16 September 2022 where the unit was not generating to its full capacity.

17
18 Together, the extended and unplanned outages at Point Lepreau resulted in the Company
19 having to secure approximately \$8.7 million in replacement energy over and above what was
20 contemplated in the Company’s GRA forecast in order to supply customers’ electricity
21 requirements. These costs were partially offset by lower Point Lepreau operating and
22 maintenance costs of \$1.0 million as well as various other cost reductions and adjustments of
23 \$2.8 million, as discussed in Section 6.0 of this Application.²

24
25 **3.3 Proposed ECAM Rate Adjustment Applied to Customers’ Bills**

26 Based on the approved formula set out in Section N-0 of the Company’s Rates and General
27 Rules and Regulations, the Company requests approval of an increase to the ECAM Rate
28 Adjustment to be applied to customers’ bills of \$0.0033 per kWh effective October 1, 2023 to
29 September 30, 2024 or until otherwise approved by the Commission, as discussed in Section
30 7.0 of this Application.

² The cost of replacement energy (\$8.7 million) less lower operating and maintenance costs (\$1.0 million) less various other cost reductions and adjustments (\$2.8 million) equals the difference between the actual and forecast ECAM balance at December 2022 (\$4.9 million).

1 **3.4 Customer Impact**

2 A schedule of existing rates for all customer classes, which were effective May 1, 2023, and
3 the proposed rates for October 1, 2023 and March 1, 2024, which include the proposed ECAM
4 Rate Adjustment, is provided in Appendix B.

5
6 Benchmark Residential and General Service customers will experience annual cost increases
7 of 1.6 per cent as a result of the proposed increase to the ECAM Rate Adjustment, as per
8 Tables 9, 10 and 11 in this Application.³ Industrial customers have widely varying consumption
9 and demand profiles, which will result in varying impacts to their annual costs; however, a
10 reasonable estimate would be a 3.4 per cent increase. A comparison, by customer class, of
11 existing rates to the proposed rates including the ECAM Rate Adjustment is provided in Section
12 8.0 of this Application.

³ A benchmark Residential customer is a customer that consumes 650 kilowatt hours of energy per month. A benchmark General Service customer is a customer that consumes 10,000 kilowatt hours of energy and uses 50 kilowatts of demand per month.

1 **4.0 INTRODUCTION**

2
3 **4.1 Corporate Profile**

4 Maritime Electric owns and operates a fully integrated power system providing for the
5 purchase, generation, transmission, distribution and sale of electricity throughout Prince
6 Edward Island (“PEI.”) The Company’s head office is located in Charlottetown with generating
7 facilities in Charlottetown and Borden-Carleton.

8
9 Maritime Electric is the primary provider of electricity on PEI delivering approximately 90 per
10 cent of the energy supplied on PEI. To meet customers’ energy demand and supply
11 requirements, the Company has contractual entitlement to capacity and energy from NB
12 Power’s Point Lepreau and an agreement for the purchase of capacity and system energy from
13 NB Power delivered via four submarine cables owned by the Province of PEI. Through various
14 contracts with the PEI Energy Corporation, the Company purchases the capacity and energy
15 from 92.5 megawatts (“MW”) of wind generation on PEI. In the event that the contractual
16 agreements fail to provide all the energy required by customers, the Company owns and
17 operates approximately 89 MW of on-Island backup generation.

18
19 Maritime Electric is a public utility subject to the provisions of the *Electric Power Act*. As a
20 public utility, the Company is subject to regulatory oversight and approvals of the Commission.
21 IRAC’s jurisdiction to regulate public utilities is found in the *Electric Power Act* and the *Island*
22 *Regulatory and Appeals Commission Act*.

23
24 **4.2 Purpose**

25 The purpose of this Application is to seek approval to change Maritime Electric’s ECAM Rate
26 Adjustment applied to customers’ bills to collect the additional accumulated ECAM balance as
27 of December 31, 2022 as ordered by the Commission in Order UE23-04. The \$4.9 million
28 increase in the ECAM balance on December 31, 2022 is, primarily, the result of actual costs
29 of purchased and produced electricity in 2022 being higher than forecast in the Company’s
30 GRA filed with the Commission on June 20, 2022.

1 **4.3 Overview of ECAM**

2 Maritime Electric has had a mechanism to provide for changes in energy-related costs since
3 the 1970's.⁴ The mechanism has undergone several modifications; however, the fundamental
4 objectives have remained the same.

5
6 First, the ECAM provides a mechanism to ensure the timely collection or rebate of prudently
7 incurred energy-related costs from customers. This timely collection or rebate addresses
8 intergenerational equity as customers pay the related costs of the service they receive within
9 a reasonable period, so as not to unnecessarily defer costs or benefits to future customers
10 beyond the subsequent rate-setting period.

11
12 Secondly, by deferring unplanned fluctuations in energy-related costs during a rate-setting
13 period, the ECAM offers a measure of customer rate predictability. The deferral of
14 uncontrollable changes in energy-related costs enables the Company to develop rate
15 proposals that appropriately manage the customer impact of collecting current period costs.

16
17 Together, these have been the fundamental objectives of the ECAM, which the Company and
18 IRAC have followed in establishing customer rates and recovering or rebating uncontrollable
19 fluctuations in energy-related costs. These types of regulatory mechanisms are commonly
20 used in the electricity industry.

21
22 The energy supply costs incurred by Maritime Electric on behalf of its customers are passed
23 through to customers via the ECAM by two means.

24
25 First, customers pay substantially all of the energy supply costs at the time the energy is
26 consumed through the basic energy charge that forms part of customers' rates. The energy
27 supply costs included in the basic energy charge is determined by the Base Rate Cost, as
28 defined in the ECAM, which is set to recover the forecast annual energy supply costs for the
29 year.

⁴ During the price cap regulation period under the Maritime Electric Regulation Act period of 1994 to 2000 there was no mechanism in place.

SECTION 4 – INTRODUCTION

1 Second, customers pay any deferred energy supply costs that result from variances in actual
2 energy supply costs from forecast in a prior period. The customers' ECAM Rate Adjustment is
3 calculated by the Company, and approved by the Commission, to appropriately collect the
4 deferred energy supply costs over a reasonable period, thereby providing rate stability and
5 predictability.

6
7 The operation of the ECAM serves an important function to customers, the Company and the
8 Commission for the following reasons:

- 9
- 10 ▪ it provides stable and predictable rates for customers over a rate-setting period;
 - 11 ▪ it provides financial stability for Maritime Electric, and timely collection of incurred
12 energy-related costs, supporting the Company's financial health; and
 - 13 ▪ it provides regulatory efficiency by avoiding frequent rate change applications to
14 address energy supply cost fluctuations.
- 15

16 In Order UE21-05 issued July 28, 2021, the Commission approved the continued operation of
17 the ECAM following a comprehensive review of the ECAM, which had been filed with the
18 Commission on June 1, 2020.

19
20 In Order UE23-04 issued April 24, 2023, the Commission approved an ECAM collection rate
21 per kilowatt hour ("kWh") of \$0.00589 for the period May 1, 2023 to February 29, 2024 and
22 \$0.00287 for the period March 1, 2024 to February 28, 2025 based on the Company's GRA
23 filed on June 21, 2022.

24
25 The ECAM adjustment proposed in this Application of \$0.0033 per kWh effective from October
26 1, 2023 to September 30, 2024 or until otherwise determined by the Commission, is in addition
27 to the ECAM adjustments previously approved by the Commission in Order UE23-04.

SECTION 5 – 2022 ENERGY SUPPLY COSTS – ACTUAL VERSUS GRA FORECAST

5.0 2022 ENERGY SUPPLY COSTS – ACTUAL VERSUS GRA FORECAST

From January 1, 2022 to December 31, 2022, customer rates were based on a forecast Base Rate Cost for purchased and produced electricity of \$0.09244 per kWh. This Base Rate Cost was set out in Section N-0 of the Company’s Rates and General Rules and Regulations, effective January 1, 2021, and is specifically approved by the Commission in Order UE21-03.

Actual energy costs incurred by the Company in 2022 were higher than forecast, and the resulting increase in purchased and produced electricity costs was appropriately deferred in the ECAM account.

The ECAM account had a receivable or recoverable balance of \$11.7 million by December 31, 2022, which was \$4.9 million higher than forecast in the GRA. The additional ECAM balance is comprised of approximately \$4.8 million of additional energy costs incurred up to the end of 2022 as summarized in Table 1.

TABLE 1 Energy Costs Deferred to ECAM January 1 to December 31, 2022		
Total Actual Energy Costs Applicable to ECAM	A	\$ 149,199,760
Total Actual Net Purchased and Produced Energy (kWh)	B	1,498,710,488
ECAM Base Rate per kWh	C	0.09244
Total Base Energy Costs	D = B X C	138,540,798
2022 Energy Costs Deferred to ECAM	E = A - D	\$ 10,568,963
GRA Forecast 2022 Costs Deferred to ECAM	F	5,845,867
Additional 2022 Energy Costs Deferred over GRA Forecast	G = E - F	\$ 4,813,096

While actual energy costs were higher than contemplated in the GRA, forecast sales were slightly lower than forecast resulting ECAM collections from customers that were \$0.1 million lower than forecast in the GRA as summarized in Table 2.

SECTION 5 – 2022 ENERGY SUPPLY COSTS – ACTUAL VERSUS GRA FORECAST

TABLE 2 ECAM Collections from Customers January 1 to December 31, 2022		
GRA Forecast ECAM Collections from Customers in 2022 ⁵	A	\$ (4,485,371)
Actual ECAM Collections from Customers in 2022	B	(4,434,236)
Shortfall	C = B - A	\$ 51,135

1

2 Together, the increase in energy costs of \$4.8 million from Table 1 and lower than expected
3 collections of \$0.1 million from Table 2 resulted in the ECAM balance being \$4.9 million higher
4 than forecast in the GRA. A monthly ECAM schedule detailing actual energy costs deferred
5 and collections from customers is provided in Appendix A.

⁵ Per GRA Appendix H.

6.0 POINT LEPREAU AND OTHER ENERGY SUPPLY COSTS IN 2022

6.1 Introduction

As discussed in Section 5.0 of this Application, energy supply costs incurred in 2022 were significantly higher than those originally forecast in the GRA and the Base Rate Cost that was approved for 2022. The primary reasons for this increase in energy supply costs are extensions to a planned outage and unscheduled outages at Point Lepreau, as outlined in Table 3.

TABLE 3			
Point Lepreau - 2022 Extended and Unscheduled Outages			
Outage Period	Full Outage Days	De-rated Output Days	Total Days
January Unplanned	-	10	10
April – August Planned Outage Extended ⁶	115	25	140
September Unplanned	0	4	4
December Unplanned	18	-	18
TOTAL	136	36	172

These four outage and de-rated output periods at Point Lepreau impacted the energy supply costs incurred by the Company in two ways. First, the Company had to secure replacement energy to meet customer requirements. Second, the Company's share of Point Lepreau's operating and maintenance costs were \$1.0 million lower than forecast in the GRA.⁷

6.2 Point Lepreau Replacement Energy Costs

The cost of replacement energy for the extended and unscheduled Point Lepreau outages in 2022 was approximately \$8.7 million as outlined in Table 4.

⁶ The GRA forecast reflected a planned outage of 60 days from April to June 2022.

⁷ The Company continues to incur its share of the ongoing operating and maintenance costs for Point Lepreau even when the facility is not producing energy.

SECTION 6 – POINT LEPREAU AND OTHER ENERGY SUPPLY COSTS IN 2022

TABLE 4				
2022 Point Lepreau Replacement Energy Cost				
Outage Period	Total Days	GRA Forecast	Actual	Increase over GRA
January Unplanned	10	\$ -	\$ 129,000	\$ 129,000
April – August Planned Outage Extended	140	2,861,000	8,331,000	5,470,000
September Unplanned	4	-	80,000	80,000
December Unplanned	18	-	3,026,000	3,026,000
TOTAL	172	\$ 2,861,000	\$ 11,566,000	\$ 8,705,000

6.3 Other Supply Cost Variances

Under the terms of the Point Lepreau Participation Agreement, the Company is required to pay its proportionate share of the ongoing operating and maintenance costs of the facility whether or not it is producing energy. During 2022, the Company's share of the Point Lepreau operating and maintenance costs was \$1.0 million lower than forecast in the GRA. This decrease was primarily due to decreased maintenance and repair costs of \$0.6 million as well as fuel and cost of capital savings of approximately \$0.4 million.

Together, the Point Lepreau replacement energy and operating and maintenance costs variances resulted in a \$7.7 million increase in actual energy costs above the GRA forecast energy costs. This was offset by recoveries of \$3.0 million in (i) imbalance energy from Open Access Transmission Tariff ("OATT") and wind participants, and (ii) energy supplied to other utilities in the region.⁸

Variances in other energy costs and energy sales adjustments from the GRA forecast account for the remaining \$0.2 million in net additions to bring the ECAM to the actual \$11.7 million balance at December 31, 2022.⁹

⁸ Imbalance recoveries offset energy purchased by the Company on behalf of OATT and wind participants to meet their scheduled energy usage or generation. On occasion, the Company is required to generate energy to supply NB Power or Nova Scotia Power and recovers the cost of generating from these utilities.

⁹ The GRA forecast an ECAM balance of \$6.8 million on December 31, 2022 as discussed in Section 5.3.1 of the GRA filed on June 20, 2022. The forecast \$6.8 million balance + \$7.7 million Lepreau variances – 3.0 million recoveries + 0.2 million other = \$11.7 million actual ECAM balance at December 31, 2022.

SECTION 7 – PROPOSED ECAM RATE ADJUSTMENT

7.0 PROPOSED ECAM RATE ADJUSTMENT

7.1 Introduction

Section N-0 of the Company's Rates and General Rules and Regulations specifies the formula for collection or refund of the ECAM as follows:

The ECAM Rate Adjustment applied to Customers' bills shall be calculated as follows and applied to Customers' bills for not less than twelve months unless otherwise Ordered by the Commission.

6. *Determine the total of the excess (or deficiency) costs on the Balance Sheet at the end of the third month proceeding the month in which the ECAM rate will be applied.*
7. *Determine the forecast total kilowatt hour sales for the twelve month period commencing with the month in which the ECAM rate will be applied.*
8. *Divide the amount calculated in (6) above by the amount calculated in (7) above to determine the ECAM rate adjustment required in cents per kilowatt hour sold and which will be applied to Customers' bills. Rate adjustment shall be calculated to the nearest three decimal places (five decimal places on the dollar).*

7.2 Actual ECAM Balance at December 31, 2022

As discussed in Sections 5.0 and 6.0 of this Application, the actual ECAM balance was \$11.7 million at December 31, 2022.¹⁰ The rates approved by the Commission in Order UE23-04 include an ECAM adjustment rate of \$0.0589 per kWh effective from May 1, 2023 to February 28, 2024 to collect the GRA ECAM forecast balance of \$6.8 million. Therefore, in this application, the Company is requesting an increase to the ECAM rate adjustment effective October 1, 2023 to recover the remaining \$4.9 million balance in ECAM as of December 31, 2022.

¹⁰ This December 31, 2022 balance in ECAM of \$11.7 million was reviewed by the Company's external auditors, Deloitte LLP, as part of its year end audit process.

SECTION 7 – PROPOSED ECAM RATE ADJUSTMENT

7.3 Proposed Increase to the ECAM Rate Adjustment Applied to Customers' Bills

The Company is proposing an increase to the ECAM Rate Adjustment to be applied to customers' bills effective October 1, 2023 and until September 30, 2024, or as otherwise ordered by the Commission, of \$0.0033 per kWh, as shown in Table 5.

TABLE 5 Proposed Increase to the ECAM Rate Adjustment to Customers' Bills		
Additional 2022 Energy Costs Deferred over GRA Forecast from Table 1	A	\$ 4,813,096
Shortfall in Actual ECAM Collections from Customers compared to GRA Forecast from Table 2	B	51,135
Additional Balance to be Collected from Customers, December 31, 2022	C = A + B	4,864,231
Forecast kWh Sales – October 1, 2023 to September 30, 2024	D	1,474,617,600
Proposed Increase to the ECAM Rate Adjustment	E = C/D	\$ 0.0033

7.4 Forecast kWh Sales from October 1, 2023 to September 30, 2024

Table 6 provides a comparison of the actual or forecast kWh sales for the twelve months ending September 30, 2023 to the forecast kWh sales over the proposed ECAM rate adjustment collection period of October 1, 2023 to September 30, 2024.¹¹

TABLE 6 Forecast kWh Sales			
Class	Consumption Period		Forecast Growth
	October 1, 2022 to September 30, 2023	October 1, 2023 to September 30, 2024	
Residential	740,515,600	767,531,700	3.6%
General Service	411,765,000	428,530,600	4.1%
Large Industrial	166,988,400	167,552,200	0.3%
Small Industrial	98,963,800	104,440,200	5.5%
Street Lighting	3,941,100	3,982,400	1.0%
Unmetered	2,555,900	2,580,500	1.0%
TOTAL SALES	1,424,729,800	1,474,617,600	3.5%

The forecast sales for the period October 1, 2023 to September 30, 2024 is based on the Company's most recent customer load forecast updated in March 2023. This forecast is based on a methodology consistent with the forecast provided in the Company's Application for an

¹¹ The forecast for the twelve months ended September 30, 2023 reflects actual sales from October 1, 2022 to March 31, 2023 and forecast sales from April 1, 2023 to September 30, 2023.

SECTION 7 – PROPOSED ECAM RATE ADJUSTMENT

1 Order approving changes to the Schedules of Rates effective March 1, 2020 and March 1,
2 2021 and the Company’s most recent GRA. This forecast methodology was reviewed by the
3 Commission’s expert, Grant Thornton LLP. In their report dated October 14, 2020, Section 2.6,
4 Grant Thornton concluded that “*MECL’s approach to load forecasting is an acceptable*
5 *methodology within the industry*”.

6
7 The residential load forecast reflects the Statistics Canada forecast population growth for PEI,
8 which is used to estimate housing starts for each year of the forecast period. The estimate of
9 housing starts for each year is then broken down by the various types of housing, and
10 multiplied by the average annual kWh usage for space heating and non-space heating loads
11 for each of the various types of housing. The result is the estimated increase in these loads for
12 each year of the forecast period. The annual increase in space heating load is divided by the
13 ten-year average for Heating Degree Days (“HDD”) so as to express it as an increase in the
14 Residential space heating load coefficient (i.e., in terms of MWh per HDD).

15
16 The estimated space heating load for a given year is the cumulative MWh per HDD coefficient
17 multiplied by the ten-year average (2013 to 2022) for HDD. The latter is the largest driver for
18 the forecast growth in residential sales over the proposed collection period shown in Table 6,
19 as HDD in 2022 and early 2023 were lower than normal. Residential non-space heating loads
20 are also expected to increase based on expected housing starts.

21
22 In addition, the estimated space heating and non-space heating components of the residential
23 load are reduced by the forecast of energy savings due to efficiencyPEI’s Electricity Efficiency
24 and Conservation Plan.¹² The estimated non-space heating component of the residential load
25 is also reduced by the estimated impact of rooftop solar photovoltaic installations.

26
27 The forecast increases in General Service, Small Industrial and Unmetered sales, shown in
28 Table 6, is driven by an expected forecast real GDP growth forecast for the Province by the

¹² The PEIEC Application for Approval of their next Electricity Efficiency and Conservation Plan was not filed when the Company’s most recent load forecast was prepared in early December 2021. The Company’s assumption on forecast energy savings due to efficiencyPEI’s Electricity Efficiency and Conservation Plan assumes the Business As Usual Incentive Scenario savings presented in the Prince Edward Island Energy Efficiency Potential Study filed with the Commission on March 22, 2021.

SECTION 7 – PROPOSED ECAM RATE ADJUSTMENT

1 Conference Board of Canada (“CBOC”) in December 2022. The forecast of Large Industrial
2 sales is based on an examination of the trend in load for each customer in the class.

3
4 Street Lighting load has been declining since 2015 due to the conversion of high pressure
5 sodium (“HPS”) lighting technologies to LED lighting. LED street lighting fixtures use
6 approximately 55 per cent of the energy used by HPS lighting. The LED conversion program
7 was substantially completed by the end of 2022 and modest growth in this category is forecast
8 going forward.

7.5 Forecast ECAM Collections from October 1, 2023 to September 30, 2024

9
10 The forecast monthly ECAM collection from customers from October 1, 2023 to September 30,
11 2024 is provided in Table 7. The monthly collection of ECAM is the product of the proposed
12 ECAM rate adjustment per kWh per Table 5 and the forecast kWh energy sales per Table 6.
13
14

TABLE 7			
Monthly ECAM Collected from Customers			
Collection Month	Forecast kWh Sales	ECAM Rate Adjustment per kWh	ECAM Collected from Customers
October 2023 ¹³	52,690,300	\$ 0.00330	\$ 173,806
November 2023	113,148,800	0.00330	373,237
December 2023	122,072,100	0.00330	402,672
January 2024	148,248,000	0.00330	489,017
February 2024	149,288,900	0.00330	492,450
March 2024	136,977,800	0.00330	451,840
April 2024	127,482,000	0.00330	420,517
May 2024	119,381,600	0.00330	393,797
June 2024	105,961,900	0.00330	349,530
July 2024	111,175,200	0.00330	366,727
August 2024	119,837,700	0.00330	395,301
September 2024	113,620,500	0.00330	374,793
October 2024 ¹⁰	54,732,800	0.00330	180,544
TOTAL	1,474,617,600	\$ 0.00330	\$ 4,864,231

15
16 The forecast kWh sales in Tables 6 and 7 are based on the methodology described in Section
17 7.4 of this Application. To the extent that actual kWh sales vary from the forecast, any

¹³ Assumes that the proposed ECAM Rate Adjustment will be prorated on customer bills based on consumption period as set out in the Commission's letter of direction dated January 22, 2021.

SECTION 7 – PROPOSED ECAM RATE ADJUSTMENT

1 difference between the actual amount of ECAM collected from customers and the amounts
2 forecast in Table 7 will be deferred in the ECAM account to be collected or refunded to
3 customers in a future period. This approach is consistent with the operation of the ECAM in
4 previous years.

SECTION 8 – CUSTOMER IMPACT

8.0 CUSTOMER IMPACT

8.1 Proposed Customer Rates

Appendix B provides a schedule of existing customer rates, by customer class, effective May 1, 2023 and the proposed customer rates for October 1, 2023 and March 1, 2024 based on this Application. A summary comparison of the existing and proposed per kWh charge by customer class is provided in Table 8.

TABLE 8			
Energy Charge per kWh - Revenue Requirement (A)			
Customer Class	May 1, 2023	October 1, 2023	March 1, 2024
Residential - First Block	\$ 0.1554	\$ 0.1554	\$ 0.1602
Residential - Second Block	0.1229	0.1229	0.1267
General Service - First Block	0.1919	0.1919	0.1978
General Service - Second Block	0.1243	0.1243	0.1281
Small Industrial - First Block	0.1878	0.1878	0.1936
Small Industrial - Second Block	0.0931	0.0931	0.0959
Large Industrial	0.0770	0.0770	0.0797
Energy Charge per kWh - Other Amounts (B)			
Description	May 1, 2023	October 1, 2023	March 1, 2024
ECAM Charge per kWh			
Approved Order UE23-04	\$ 0.0059	\$ 0.0059	\$ 0.0029
Proposed October 1, 2023 Adjustment	-	0.0033	0.0033
Total ECAM Charge per kWh	\$ 0.0059	\$ 0.0092	\$ 0.0062
Provincial Energy Efficiency Program per kWh	-	-	0.0003
RORA per kWh ¹⁴	(0.0020)	(0.0020)	-
Total Energy Charge per kWh – Other Amounts	\$ 0.0039	\$ 0.0072	\$ 0.0065
Total Energy Charge per kWh (A+B)			
Customer Class	May 1, 2023	October 1, 2023	March 1, 2024
Residential - First Block	\$ 0.1593	\$ 0.1626	\$ 0.1667
Residential - Second Block	0.1268	0.1301	0.1332
General Service - First Block	0.1958	0.1991	0.2043
General Service - Second Block	0.1282	0.1315	0.1346
Small Industrial - First Block	0.1917	0.1950	0.2001
Small Industrial - Second Block	0.0970	0.1003	0.1024
Large Industrial	0.0809	0.0842	0.0862

¹⁴ RORA refers to the Rate of Return adjustment to refund over collection of the 2022 revenue shortfall to customers approved by the Commission in Order UE23-04.

SECTION 8 – CUSTOMER IMPACT

8.2 Impact on Annual Customer Costs

The proposed ECAM Rate Adjustment will increase the monthly energy charge per kWh as shown in Table 9 and Appendix B. Other customer charges, namely the monthly service charges, other components of the energy charge, and demand charges, will remain unchanged.

Table 9 illustrates estimated annual cost, by component, for a benchmark rural residential customer using 650 kWh per month, or 7,800 kWh per year.

TABLE 9 Annual Cost for Rural Residential Customer (650 kWh per Month/7,800 kWh per Year)		
	Approved UE23-04	Proposed
Service Charge	\$ 323.04	\$ 323.04
Basic Energy Charge	1,212.12	1,212.12
ECAM Charge	46.02	71.75
Provincial Energy Efficiency Program	-	-
RORA	(15.60)	(15.60)
Sub-total	1,565.58	1,591.31
HST	234.84	238.70
Provincial Clean Energy Rebate ¹⁵	(124.25)	(126.83)
Total Annual Cost	\$ 1,676.16	\$ 1,703.18
Percentage Annual Increase (%)		
Before Tax		1.6%
After Tax		1.6%

¹⁵ The Provincial Clean Energy Rebate is a provincial Government rebate on the first block energy up to 2,000 kWh per month for eligible Residential year-round customers.

SECTION 8 – CUSTOMER IMPACT

1 Table 10 illustrates the estimated annual cost, by component, for a benchmark urban
2 residential customer using 650 kWh per month, or 7,800 kWh per year.

3

TABLE 10		
Annual Cost for Urban Residential Customer		
(650 kWh per Month/7,800 kWh per Year)		
	Approved UE23-04	Proposed
	May 1, 2023	October 1, 2023
Service Charge	\$ 294.84	\$ 294.84
Basic Energy Charge	1,212.12	1,212.12
ECAM Charge	46.02	71.75
Provincial Energy Efficiency Program	-	-
RORA	(15.60)	(15.60)
Sub-total	1,537.38	1,563.11
HST	230.61	234.47
Provincial Clean Energy Rebate ¹⁶	(124.25)	(126.83)
Total Annual Cost	\$ 1,643.74	\$ 1,670.75
Percentage Annual Increase (%)		
Before Tax		1.7%
After Tax		1.6%

4

¹⁶ The Provincial Clean Energy Rebate is a provincial Government rebate on the first block energy up to 2,000 kWh per month for eligible Residential year-round customers.

SECTION 8 – CUSTOMER IMPACT

1 Table 11 illustrates the estimated annual cost, by component, for a general service customer
2 using 10,000 kWh per month, or 600,000 kWh per year, and demand of 50 kW per month, or
3 600 KW per year.

4

TABLE 11		
Annual Cost for General Service Customer		
(10,000 kWh/50 KW per Month/120,000 kWh/600 KW per Year)		
	Approved UE23-04 May 1, 2023	Proposed October 1, 2023
Service Charge	\$ 294.84	\$ 294.84
Demand Charge	4,834.80	4,834.80
Basic Energy Charge	18,972.00	18,972.00
ECAM Charge	708.00	1,103.84
Provincial Energy Efficiency Program	-	-
RORA	(240.00)	(240.00)
Sub-total	24,569.64	24,965.48
HST	3,685.45	3,744.82
Total Annual Cost	\$ 28,255.09	\$ 28,710.30
Percentage Annual Increase (%)		
Before Tax		1.6%
After Tax		1.6%

5

6 Benchmark customers in the Small and Large Industrial classes will experience slightly larger
7 increases in annual electricity costs than those presented for Residential and General Service
8 Customers. This is due to the lower per kWh charge for the Large Industrial class and lower
9 second block charge for the Small Industrial class, as the proposed ECAM Rate Adjustment
10 represents a larger percentage increase on these lower rates. The impact for each individual
11 customer will vary depending upon each customers' demand and consumption profile.
12 However, a reasonable estimate of the expected rate increase for Industrial customers is 3.4
13 per cent.

1 **9.0 CONCLUSION**

2
3 Outages at Point Lepreau have resulted in either reduced or no generation at the facility for
4 approximately 172 days in 2022 compared with the GRA forecast of 60 days. Whether planned
5 or unplanned, the Company must secure replacement energy from another source during
6 these outages to meet customers' electricity needs. To the extent that these outages were
7 unplanned or extended beyond the planned period, the costs associated with the additional
8 replacement energy were not contemplated in the Company's GRA filed with the Commission
9 on June 20, 2022.

10
11 At the same time, the Company continues to be responsible for its share of the ongoing
12 operating and maintenance costs of Point Lepreau even when the facility is not producing
13 energy. These operating and maintenance costs were lower than planned in 2022 and,
14 together with other energy cost reductions, helped to offset the impact of the increase in
15 replacement energy costs deferred to ECAM in 2022.

16
17 Together, the replacement energy less the offsets from other energy costs have been the
18 primary drivers of the ECAM account reaching a receivable balance of approximately \$11.7
19 million from January 1, 2022 to December 31, 2022 compared to a forecast balance of \$6.8
20 million in the GRA. In this Application, the Company proposes an addition to the ECAM Rate
21 Adjustment of \$0.0033 per kWh to customer bills beginning October 1, 2023 for all customer
22 classes. This will allow the Company to collect the additional \$4.9 million December 31, 2022
23 ECAM balance from customers over the period October 1, 2023 to September 30, 2024 in
24 accordance with Section N-0 of the Company's Rates and General Rules and Regulations.

25
26 The proposed collection of the ECAM account balance will reduce the magnitude of customer
27 rate adjustments that would otherwise occur in the next GRA.

28
29 The proposed collection of the ECAM account balance also reduces the overall financing costs
30 for customers, as the Company will be financing a lower ECAM balance compared to carrying
31 the full amount on its balance sheet until the next GRA rate adjustment.

1 **10.0 PROPOSED ORDER**

2
3 **C A N A D A**

4
5 **PROVINCE OF PRINCE EDWARD ISLAND**

6
7 **BEFORE THE ISLAND REGULATORY**
8 **AND APPEALS COMMISSION**

9
10
11 **IN THE MATTER** of Section 3(a), 10, 13(1) and
12 20 of the *Electric Power Act* (R.S.P.E.I. 1988,
13 Cap. E-4) and **IN THE MATTER** of the
14 Application of Maritime Electric Company,
15 Limited for an order approving an Energy Cost
16 Adjustment Mechanism rate adjustment to
17 customers' bills for the period October 1, 2023 to
18 September 30, 2024 and for certain approvals
19 incidental to such an order.

20
21 WHEREAS on or about September 27, 2019 the Commission issued Order UE19-08;

22
23 AND WHEREAS pursuant to Order UE19-08, Maritime Electric filed a comprehensive review
24 of the ECAM, on or about June 1, 2020;

25
26 AND WHEREAS on or about July 28, 2021 the Commission issued Order UE21-05 approving
27 the continued operation of the ECAM with revisions effective the next rate setting period but
28 not approving the automatic resetting the ECAM Rate Adjustment applied to customers' bills;

29
30 AND WHEREAS three unscheduled outages and the extension of one planned outage at Point
31 Lepreau during the period January 1, 2022 to December 31, 2022 required the Company to
32 incur replacement energy costs on behalf of customers that were partially offset by lower Point
33 Lepreau operating and maintenance costs and other energy cost adjustments;

SECTION 10 – PROPOSED ORDER

1 AND WHEREAS the Company’s actual ECAM balance of \$11.7 million on December 31, 2022
2 was \$4.9 million higher than forecast in the GRA filed with the Commission on June 21, 2022,
3 primarily as a result of these outages;

4
5 AND WHEREAS on or about April 24, 2023 the Commission issued Order UE23-04 on the
6 Company’s GRA which included a requirement to an ECAM rate adjustment application with
7 the Commission no later than July 31, 2023 for an October 1, 2023 rate adjustment to recover
8 the additional ECAM balance at December 31, 2022;

9
10 NOW AND THEREFORE pursuant to the *Electric Power Act* and the *Island Regulatory and*
11 *Appeals Commission Act*, the Commission orders as follows:

12
13 IT IS ORDERED THAT:

14
15 Maritime Electric shall increase the ECAM Rate Adjustment by \$0.0033 per kWh beginning on
16 October 1, 2023 until September 30, 2024 or until otherwise approved by the Commission, in
17 addition to the ECAM rate adjustments per kWh approved in Order UE23-04 in accordance
18 with Section N-0 of the Company’s Rates and General Rules and Regulations.

19
20 DATED at Charlottetown this ____ day of September, 2023.

21
22 BY THE COMMISSION

23
24 _____,

25 Chair

26
27 _____

28 Commissioner

29
30 _____,

31 Commissioner



APPENDIX A

2022 Energy Cost Adjustment Mechanism Continuity Schedule

2022 Monthly ECAM Schedule													
Energy Cost Adjustment Mechanism	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	TOTAL
Purchased Energy Costs	9,229,409	7,945,986	8,400,779	8,382,573	8,315,347	8,336,825	9,586,650	9,821,377	5,860,049	6,536,579	7,313,537	11,329,328	101,058,438
Lepreau Energy Costs	2,007,955	2,089,378	2,028,196	1,768,232	1,972,928	1,928,181	1,466,498	1,597,416	2,040,691	2,100,992	2,284,578	2,274,132	23,559,177
Generation Fuel Costs-PEI Plants	335,085	10,231	55,816	41,253	16,117	91,388	15,632	10,638	9,151	42,686	38,133	129,211	795,342
PEI Plant Operating Costs	249,588	263,585	271,486	243,018	241,726	300,308	228,748	250,435	286,361	249,050	278,085	170,742	3,033,132
Less: Insurance, Property Tax & Training	(90,171)	(88,254)	(86,336)	(88,254)	(90,536)	(88,710)	(85,578)	(85,578)	(85,578)	(85,578)	(85,578)	(90,984)	(1,051,133)
Amortization - Pt Lepreau Deferred Charge & DSM	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	93,600
Renewable Energy Costs	2,180,373	2,584,053	2,135,109	1,983,271	1,611,157	1,282,553	1,576,930	1,052,687	1,055,945	1,194,918	2,357,740	2,696,469	21,711,205
	13,920,039	12,812,779	12,812,850	12,337,893	12,074,539	11,858,345	12,796,681	12,654,776	9,174,420	10,046,447	12,194,294	16,516,698	149,199,760
Net Purchased & Produced Energy - kWh (NPP)	159,443,957	140,313,227	143,974,089	118,909,656	109,366,368	106,045,050	116,924,952	122,603,887	92,791,507	106,453,443	127,835,424	154,048,928	1,498,710,488
Base Rate/kWh	0.09244	0.09244	0.09244	0.09244	0.09244	0.09244	0.09244	0.09244	0.09244	0.09244	0.09244	0.09244	0.09244
Base Energy Costs	14,738,999	12,970,555	13,308,965	10,992,009	10,109,827	9,802,804	10,808,543	11,333,503	8,577,647	9,840,556	11,817,107	14,240,283	138,540,798
Difference Between Actual & Base Energy Costs	(818,961)	(157,776)	(496,114)	1,345,885	1,964,712	2,055,540	1,988,138	1,321,272	596,773	205,891	377,188	2,276,415	10,658,963
Opening Balance - Regular ECAM	5,430,574	4,611,613	4,453,838	3,428,297	4,280,034	5,799,199	7,459,803	9,030,011	9,899,486	10,065,545	9,920,834	9,895,239	5,430,574
Additions/(Reductions)	(818,961)	(157,776)	(496,114)	1,345,885	1,964,712	2,055,540	1,988,138	1,321,272	596,773	205,891	377,188	2,276,415	10,658,963
Rebated/(Collected) From Ratepayer	-	-	(529,426)	(494,148)	(445,546)	(394,936)	(417,930)	(451,797)	(430,714)	(350,602)	(402,782)	(516,354)	(4,434,236)
Closing Balance - Regular ECAM	4,611,613	4,453,838	3,428,297	4,280,034	5,799,199	7,459,803	9,030,011	9,899,486	10,065,545	9,920,834	9,895,239	11,655,301	11,655,301
General Ledger Closing Balance	4,611,613	4,453,838	3,428,297	4,280,034	5,799,199	7,459,803	9,030,011	9,899,486	10,065,545	9,920,834	9,895,239	11,655,301	11,655,301
<u>Rebated/(Collected) From Ratepayer</u>													
Energy Sales - kWh	144,805,864	142,849,475	131,698,099	122,922,370	110,832,405	98,242,798	103,962,806	112,387,382	107,142,666	87,214,549	100,194,623	128,446,156	1,390,699,193
ECAM Adjustment Rate per kWh	-	-	0.00402	0.00402	0.00402	0.00402	0.00402	0.00402	0.00402	0.00402	0.00402	0.00402	0.00319
Closing Balance - Regular ECAM	-	-	529,426	494,148	445,546	394,936	417,930	451,797	430,714	350,602	402,782	516,354	4,434,236



APPENDIX B

Section N-28 Schedule of Proposed Rates

Maritime Electric Company, Limited
Schedule of Rates

Rate Code	May 1, 2023	October 1, 2023	March 1, 2024
110 Residential Urban			
Service Charge	\$ 24.57	\$ 24.57	\$ 24.57
Energy Charge per kWh for first 2,000 kWh	\$ 0.1593	\$ 0.1626	\$ 0.1667
Energy Charge per kWh for balance kWh	\$ 0.1268	\$ 0.1301	\$ 0.1332
130 Residential Rural			
Service Charge	\$ 26.92	\$ 26.92	\$ 26.92
Energy Charge per kWh for first 2,000 kWh	\$ 0.1593	\$ 0.1626	\$ 0.1667
Energy Charge per kWh for balance kWh	\$ 0.1268	\$ 0.1301	\$ 0.1332
131 Residential Seasonal			
Service Charge	\$ 26.92	\$ 26.92	\$ 26.92
Energy Charge per kWh for first 2,000 kWh	\$ 0.1593	\$ 0.1626	\$ 0.1667
Energy Charge per kWh for balance of kWh	\$ 0.1268	\$ 0.1301	\$ 0.1332
133 Residential Seasonal Option			
Service Charge	\$ 37.50	\$ 37.50	\$ 37.50
Energy Charge per kWh for first 2,000 kWh	\$ 0.1593	\$ 0.1626	\$ 0.1667
Energy Charge per kWh for balance of kWh	\$ 0.1268	\$ 0.1301	\$ 0.1332
232 General Service			
Service Charge	\$ 24.57	\$ 24.57	\$ 24.57
Demand Charge - per kW for first 20 kW	\$ -	\$ -	\$ -
Demand Charge - per kW for balance of kW	\$13.43	\$13.43	\$ 13.43
Energy Charge per kWh for first 5,000 kWh	\$ 0.1958	\$ 0.1991	\$ 0.2043
Energy Charge per kWh for balance of kWh	\$ 0.1282	\$ 0.1315	\$ 0.1346
233 General Service - Seasonal Operators Option			
Service Charge	\$ 24.57	\$ 24.57	\$ 24.57
Demand Charge - per kW for first 20 kW	\$ -	\$ -	\$ -
Demand Charge - per kW for balance of kW	\$ 13.43	\$ 13.43	\$ 13.43
Energy Charge per kWh for first 5,000 kWh	\$ 0.1958	\$ 0.1991	\$ 0.2043
Energy Charge per kWh for balance of kWh	\$ 0.1282	\$ 0.1315	\$ 0.1346
320 Small Industrial			
Demand Charge - per kW	\$ 7.46	\$ 7.46	\$ 7.46
Energy Charge per kWh for first 100 kWh per kW billing demand	\$ 0.1917	\$ 0.1950	\$ 0.2001
Energy Charge per kWh for balance of kWh	\$ 0.0970	\$ 0.1003	\$ 0.1024
310 Large Industrial			
Demand Charge per kW	\$ 14.50	\$ 14.50	\$ 14.50
Energy Charge per kWh	\$ 0.0809	\$ 0.0842	\$ 0.0862
340 Long Term Contract (Currently no customers in this rate category)			
Demand Charge per kW	\$ 15.51	\$ 15.51	\$ 15.51
Energy Charge per kWh	\$ 0.1041	\$ 0.1074	\$ 0.1098
330 Short Term Contract (Currently no customers in this rate category)			
Demand Charge - per kW	\$ 16.79	\$ 16.79	\$ 16.79
Energy Charge per kWh for all kWh in the first block	\$ 0.1062	\$ 0.1095	\$ 0.1120
Energy Charge per kWh for balance of kWh in the month	\$ 0.0882	\$ 0.0915	\$ 0.0934

Maritime Electric Company, Limited
Schedule of Rates

	Residential	Type		Annual	Monthly			
				kWh	kWh	May 1, 2023	October 1, 2023	March 1, 2024
	619	LED	70 W HPS Equivalent St Lights - Rented		15	\$ 12.81	\$ 13.01	\$ 13.34
	625	LED	100 W HPS Equivalent St Lights - Rented		17	\$ 13.26	\$ 13.47	\$ 13.81
*	630	HPS	St Lights - Rented	389	32	\$ 17.00	\$ 17.27	\$ 17.71
*	631	HPS	St Lights - Rented	553	46	\$ 21.61	\$ 21.96	\$ 22.52
*	632	150	St Lights - Rented	799	66	\$ 30.90	\$ 31.39	\$ 32.19
	633	HPS	St Lights - Rented	1283	106	\$ 42.08	\$ 42.75	\$ 43.84
	634	HPS	St Lights - Rented	1886	157	\$ 49.35	\$ 50.14	\$ 51.42
*	635	MV	St Lights - Rented	656	54	\$ 16.93	\$ 17.20	\$ 17.64
	639	Lanterns	City Lanterns - Rented	389	32	\$ 62.13	\$ 63.12	\$ 64.74
*	640	HPS	St Lights - Owned	389	32	\$ 6.76	\$ 6.87	\$ 7.05
*	641	HPS	St Lights - Owned	553	46	\$ 8.93	\$ 9.07	\$ 9.30
*	642	HPS	St Lights - Owned	779	65	\$ 12.01	\$ 12.20	\$ 12.51
	643	HPS	St Lights - Owned	1283	107	\$ 19.04	\$ 19.34	\$ 19.84
	644	HPS	St Lights - Owned	1886	157	\$ 29.98	\$ 30.46	\$ 31.24
	651	LED	St Lights - Owned	78	7	\$ 1.22	\$ 1.24	\$ 1.27
	652	LED	St Lights - Owned	246	21	\$ 3.85	\$ 3.91	\$ 4.01
	653	LED	St Lights - Owned	205	17	\$ 3.21	\$ 3.26	\$ 3.34
	666	LED	175 W MV Equivalent St Lights - Rented		25	\$ 14.78	\$ 15.02	\$ 15.40
	670	LED	St Lights - Rented	410	34	\$ 17.21	\$ 17.49	\$ 17.94
	675	LED	150 W/200 W HPS Equivalent St Lights - Rented		37	\$ 16.01	\$ 16.27	\$ 16.69
	719	LED	St Lights - Owned	176	15	\$ 2.76	\$ 2.80	\$ 2.87
*	730	HPS	Yard Lights - Rented	389	32	\$ 17.00	\$ 17.27	\$ 17.71
*	731	HPS	Yard Lights - Rented	553	46	\$ 21.61	\$ 21.96	\$ 22.52
*	732	HPS	Yard Lights - Rented	799	66	\$ 30.90	\$ 31.39	\$ 32.19
	733	HPS	Yard Lights - Rented	1283	106	\$ 42.08	\$ 42.75	\$ 43.84
	734	HPS	Yard Lights - Rented	1886	157	\$ 49.35	\$ 50.14	\$ 51.42
*	735	MV	Yard Lights - Rented	656	54	\$ 16.93	\$ 17.20	\$ 17.64
*	736	MV	Yard Lights - Rented	881	73	\$ 21.53	\$ 21.87	\$ 22.43
*	737	MV	Yard Lights - Rented	1210	100	\$ 29.95	\$ 30.43	\$ 31.21
*	740	HPS	Yard Lights - Owned	389	32	\$ 6.76	\$ 6.87	\$ 7.05
*	741	HPS	Yard Lights - Owned	553	46	\$ 8.93	\$ 9.07	\$ 9.30
	742	HPS	Yard Lights - Owned	779	65	\$ 12.01	\$ 12.20	\$ 12.51
	743	HPS	Yard Lights - Owned	1283	107	\$ 19.04	\$ 19.34	\$ 19.84
	744	HPS	Yard Lights - Owned	1886	157	\$ 29.98	\$ 30.46	\$ 31.24
	749	LPS	Yard Lights - Owned	869	72	\$ 13.98	\$ 14.20	\$ 14.56
	753	Flood	Yard Lights - Rented	1283	107	\$ 40.18	\$ 40.82	\$ 41.86
	754	Flood	Yard Lights - Rented	1886	157	\$ 50.11	\$ 50.91	\$ 52.21
	755	Halide	Yard Lights - Rented	1148	95	\$ 42.24	\$ 42.92	\$ 44.02
	756	Halide	Yard Lights - Rented	1878	156	\$ 52.15	\$ 52.98	\$ 54.34
	757	Halide	Yard Lights - Rented	4346	362	\$ 89.89	\$ 91.33	\$ 93.67
	759	Halide	St Lights - Owned	533	44	\$ 8.35	\$ 8.48	\$ 8.70
	760	Halide	St Lights - Owned	894	74	\$ 14.02	\$ 14.24	\$ 14.60
	761	Halide	St Lights - Owned	1148	95	\$ 17.99	\$ 18.28	\$ 18.75
	762	Halide	St Lights - Owned	1878	156	\$ 29.41	\$ 29.88	\$ 30.64
	764	LED	St Lights - Owned	410	34	\$ 6.42	\$ 6.52	\$ 6.69
	765	Halide	St Lights - Owned	759	63	\$ 11.88	\$ 12.07	\$ 12.38
	766	LED	St Lights - Owned	295	25	\$ 4.62	\$ 4.69	\$ 4.81
	775	LED	St Lights - Owned	438	37	\$ 6.86	\$ 6.97	\$ 7.15
	780	LED	St Lights - Owned	586	49	\$ 9.18	\$ 9.33	\$ 9.57
	785	LED	St Lights - Owned	718	60	\$ 11.22	\$ 11.40	\$ 11.69

* These charges are applicable to existing fixtures only.

Maritime Electric Company, Limited
Schedule of Rates

	May 1, 2023	October 1, 2023	March 1, 2024
610 Pole Rental -Wood Residential Unmetered Rates (based on 100 watt fixture)	\$ 4.38	\$ 4.38	\$ 4.38
810 8 Hour Lighting per kWh Minimum Charge	\$ 0.1913 \$ 11.67	\$ 0.1946 \$ 11.67	\$ 0.1997 \$ 11.67
820 12 Hour Lighting per kWh Minimum Charge	\$ 0.1913 \$ 11.67	\$ 0.1946 \$ 11.67	\$ 0.1997 \$ 11.67
830 24 Hour Lighting per kWh Minimum Charge	\$ 0.1913 \$ 11.67	\$ 0.1946 \$ 11.67	\$ 0.1997 \$ 11.67
840 Air Raid & Fire Sirens	Currently no customers in this rate category		
850 Outdoor Christmas Lighting - 5.77¢ per watt of connected load per week	Currently no customers in this rate category		
234 Customer Owned Outdoor Recreational Lighting Service Charge	\$ 24.57	\$ 24.57	\$ 24.57
Energy Charge per kWh for first 5,000 kWh	\$ 0.1913	\$ 0.1946	\$ 0.1997
Energy Charge per kWh for balance of kWh	\$ 0.1171	\$ 0.1204	\$ 0.1231
Currently no customers in this rate category			
Short Term Unmetered Rates Energy Charge: per kWh of estimated consumption	\$ 0.1913	\$ 0.1946	\$ 0.1997
Connection Charge:			Single-Phase
A. Connecting to existing secondary voltage			\$99.08
B. Where transformer installations are required, the following connection charges will apply:			
			Single-Phase
(1) Up to and including 10 kVA			\$148.87
(2) 11 kVA to 15 kVA			\$240.79
(3) 16 kVA to 25 kVA			\$269.20
(4) 26 kVA to 37 kVA			\$301.01
(5) 38 kVA to 50 kVA			\$336.64
(6) 51 kVA to 75 kVA			\$369.58
(7) 76 kVA to 125 kVA			\$431.07
(8) Above 125 kVA			0