

All our energy.
All the time.



December 17, 2021



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 ECAM Rate Adjustment of \$0.00402 per kWh beginning on March 1, 2022 in accordance with Section N-0 of the Company's Rates and General Rules and Regulations.

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, appearing to read "Michelle Francis".

Michelle Francis
Vice President, Finance & Chief Financial Officer

MF63
Attachments

C A N A D A

PROVINCE OF PRINCE EDWARD ISLAND

**BEFORE THE ISLAND REGULATORY
AND APPEALS COMMISSION**

IN THE MATTER of Section 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 March 1, 2022 to February 28, 2023 and for certain approvals incidental to such an order.

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

December 17, 2021

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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**

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11 **IN THE MATTER** of Section 10, 13(1) and 20 of the
12 Electric Power Act (R.S.P.E.I. 1988, Cap. E-4) and **IN**
13 **THE MATTER** of the Application of Maritime Electric
14 Company, Limited for an order approving an Energy
15 Cost Adjustment Mechanism rate adjustment to
16 customers' bills for the period March 1, 2022 to
17 February 28, 2023 and for certain approvals
18 incidental to such an order.
19
20

21 **Introduction**

22 1. Maritime Electric Company, Limited (“Maritime Electric” or the “Company”) is a public
23 utility subject to the Electric Power Act engaged in the production, purchase,
24 transmission, distribution and sale of electricity within Prince Edward Island.
25

26 **Application**

27 2. Maritime Electric hereby applies for an order of the Island Regulatory and Appeals
28 Commission (“IRAC” or the “Commission”) approving an Energy Cost Adjustment
29 Mechanism rate adjustment to customers' bills for the period March 1, 2022 to
30 February 28, 2023 and for certain approvals incidental to such an order.
31

32 **Procedure**

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

SECTION 1 – APPLICATION

36 Dated at Charlottetown, Province of Prince Edward Island, this 17th day of December, 2021.

37

38

39

40



41

D. Spencer Campbell, Q.C.

42

43

44

45

46

47

48

STEWART MCKELVEY
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Charlottetown PE C1A 8B9
Telephone: 902-629-4549
Facsimile: 902-892-2485
Solicitors for Maritime Electric Company, Limited

December 17, 2021

49 **2.0 AFFIDAVIT**

50

51 **C A N A D A**

52

53 **PROVINCE OF PRINCE EDWARD ISLAND**

54

55 **BEFORE THE ISLAND REGULATORY**
56 **AND APPEALS COMMISSION**

57

58 **IN THE MATTER** of Section 10, 13(1) and 20 of the
59 Electric Power Act (R.S.P.E.I. 1988, Cap. E-4) and **IN**
60 **THE MATTER** of the Application of Maritime Electric
61 Company, Limited for an order approving an Energy
62 Cost Adjustment Mechanism rate adjustment to
63 customers' bills for the period March 1, 2022 to
64 February 28, 2023 and for certain approvals
65 incidental to such an order.
66

67 **AFFIDAVIT**

68

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

72

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

79

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

SECTION 2 – AFFIDAVIT

83 3. We prepared or supervised the preparation of the evidence and to the best of our
84 knowledge and belief the evidence is true in substance and in fact.

85

86 SWORN TO SEVERALLY at
87 Charlottetown, Prince Edward Island,
88 the 17th day of December, 2021.

89

90



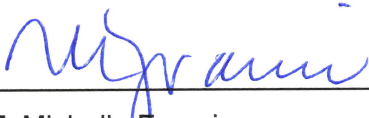
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92 Jason C. Roberts

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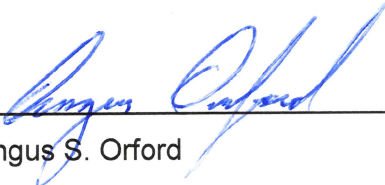
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97 T. Michelle Francis

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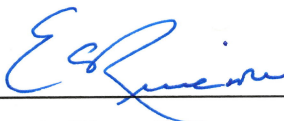
101

102 Angus S. Orford

103

104

105



106

107 Enrique A. Riveroll

108

109



110

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

December 17, 2021

114 **3.0 EXECUTIVE SUMMARY**

115

116 **3.1 Background**

117 The Energy Cost Adjustment Mechanism (“ECAM”), as approved by the Island
118 Regulatory and Appeals Commission, is a mechanism that ensures the timely
119 collection of prudently incurred energy supply costs from customers and allows for the
120 deferral of unplanned fluctuations in energy supply costs during a rate-setting period.

121

122 At the beginning of a rate-setting period, the basic energy charge included in customer
123 rates reflects a forecast of annual energy supply costs based on the Base Rate Cost,
124 as defined in the ECAM and approved by the Commission. As actual energy supply
125 costs incurred by Maritime Electric differ from the Base Rate Cost, the difference is
126 deferred in the ECAM account to be collected from or refunded to customers in a future
127 period via an ECAM Rate Adjustment applied to customers’ bills, as approved by the
128 Commission.

129

130 In June 2020, the Company filed with the Commission a comprehensive review of the
131 energy supply accounts included in the ECAM. In Order UE21-05, the Commission
132 approved the continued operation of the ECAM, including the Company’s proposed
133 revisions to the accounts to be included in the ECAM. These revisions will be
134 implemented in the Company’s next General Rate Application (“GRA”). The
135 Commission did not approve the Company’s proposal for an automatic resetting of the
136 ECAM Rate Adjustment applied to customers’ bills as the Commission felt it would
137 remove regulatory oversight, and may introduce greater rate fluctuations and less
138 predictability in customer rates. The Company, therefore, submits this Application
139 requesting approval of an ECAM Rate Adjustment effective March 1, 2022 and to
140 remain in effect until February 28, 2023 or until otherwise approved by the Commission.

141

142 **3.2 2021 Energy Cost Adjustment Mechanism (“ECAM”) Balance**

143 The ECAM account is forecast to reach a receivable or recoverable balance of \$5.6
144 million by December 31, 2021, as discussed in Section 5.0 of this Application. A
145 monthly ECAM schedule of actual energy costs deferred to November 30, 2021 and
146 the forecast for December 2021 is provided in Appendix A.

147
148 The primary reasons for the accumulated ECAM balance are unscheduled outages at
149 the Point Lepreau Nuclear Generating Station (“Point Lepreau”) in 2021 and additional
150 operating and maintenance costs related to Point Lepreau. There were three
151 unscheduled outages at Point Lepreau that resulted in the Company having to secure
152 approximately \$5.0 million in replacement energy along with additional Point Lepreau
153 operating and maintenance costs of \$1.2 million, partially offset by various other cost
154 reductions of \$0.6 million, as discussed in Section 6.0 of this Application.

155
156 **3.3 Proposed ECAM Rate Adjustment Applied to Customers’ Bills**

157 Based on the approved formula set out in Section N-0 of the Company’s Rates and
158 General Rules and Regulations, the Company requests approval of an ECAM Rate
159 Adjustment to be applied to customers’ bills of \$0.00402 per kWh effective March 1,
160 2022 to February 28, 2023 or until otherwise approved by the Commission, as
161 discussed in Section 7.0 of this Application.

162
163 **3.4 Customer Impact**

164 A schedule of existing rates for all customer classes, which were effective January 1,
165 2021, and the proposed rates for March 1, 2022, which include the proposed ECAM
166 Rate Adjustment, are provided in Appendix B.

167
168 Typical Residential and General Service customers will experience annual cost
169 increases of 2.0 per cent as a result of the proposed ECAM Rate Adjustment, as per
170 Tables 8, 9 and 10 in this Application.¹ Industrial customers have widely varying
171 consumption and demand profiles, which will result in varying impacts to their annual

¹ A typical Residential customer is a customer that consumes 650 kilowatt hours of energy per month. A typical General Service customer is a customer that consumes 10,000 kilowatt hours of energy and uses 50 KW of demand per month.

SECTION 3 – EXECUTIVE SUMMARY

172 costs; however, a reasonable estimate would be a 2.7 per cent increase for Small
173 Industrial customers and 3.7 to 4.3 per cent increase for Large Industrial customers. A
174 comparison, by customer class, of existing rates to the proposed rates including the
175 ECAM Rate Adjustment is provided in Section 8.0 of this Application.

176 **4.0 INTRODUCTION**

177

178 **4.1 Corporate Profile**

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

183

184 Maritime Electric is the primary provider of electricity on PEI delivering approximately
185 90 per cent of the energy supplied on PEI. To meet customers’ energy demand and
186 supply requirements, the Company has contractual entitlement to capacity and energy
187 from NB Power’s Point Lepreau and an agreement for the purchase of capacity and
188 system energy from NB Power delivered via four submarine cables owned by the
189 Province of PEI. Through various contracts with the PEI Energy Corporation, the
190 Company purchases the capacity and energy from 92.5 megawatts (“MW”) of wind
191 generation on PEI.

192

193 Maritime Electric is a public utility subject to the provisions of the Electric Power Act.
194 As a public utility, the Company is subject to regulatory oversight and approvals of the
195 Commission. IRAC’s jurisdiction to regulate public utilities is found in the Electric Power
196 Act and the Island Regulatory and Appeals Commission Act.

197

198 **4.2 Purpose**

199 The purpose of this Application is to seek approval to change Maritime Electric’s ECAM
200 Rate Adjustment applied to customers’ bills in order to collect the accumulated ECAM
201 balance, which is a result of actual costs of purchased and produced electricity being
202 higher than the Base Cost approved by the Commission in 2021.

203 **4.3 Overview of ECAM**

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

207

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

213

214 Secondly, by deferring unplanned fluctuations in energy-related costs during a rate-
215 setting period, the ECAM offers a measure of customer rate predictability. The deferral
216 of uncontrollable changes in energy-related costs enables the Company to develop
217 rate proposals that appropriately smooth the customer impact of collecting current
218 period costs.

219

220 Together, these have been the fundamental objectives of the ECAM, which the
221 Company and IRAC have followed in establishing customer rates and recovering or
222 rebating uncontrollable fluctuations in energy-related costs.

223

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

226

227 First, customers pay substantially all of the energy supply costs at the time the energy
228 is consumed through the basic energy charge that forms part of customers' rates. The
229 energy supply costs included in the basic energy charge is determined by the Base
230 Rate Cost, as defined in the ECAM, which is set to recover the forecast annual energy
231 supply costs for the year.

² 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

232 Second, customers pay any deferred energy supply costs that resulted from variances
233 in actual energy supply costs from forecast in a prior period. The customers' ECAM
234 Rate Adjustment is designed by the Company, and approved by the Commission, to
235 appropriately collect the deferred energy supply costs over a reasonable period,
236 thereby providing rate stability and predictability.

237

238 The operation of the ECAM serves an important function to customers, the Company
239 and the Commission for the following reasons:

240

- 241 ▪ it provides stable and predictable rates for customers over a rate-setting period;
- 242 ▪ it provides earnings stability for Maritime Electric, supporting the Company's
243 financial health; and
- 244 ▪ it provides regulatory efficiency by avoiding frequent rate change applications
245 to address energy supply cost fluctuations.

246

247 In Order UE20-06, the Company was ordered to reduce the December 31, 2020 ECAM
248 balance to nil by applying the balance to the Rate of Return Adjustment ("RORA")
249 account, and the Company was ordered to not include an ECAM collection rate in
250 customer rates effective January 1, 2021.

251

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

SECTION 5 – 2021 ENERGY SUPPLY COSTS - BASE VERSUS FORECAST

255 **5.0 2021 ENERGY SUPPLY COSTS - BASE VERSUS FORECAST**

256

257 Current customer rates are based on a forecast Base Rate Cost for purchased and produced
258 electricity of \$0.09244 per kilowatt hour (“kWh”). This Base Rate Cost is set out in Section N-
259 0 of the Company’s Rates and General Rules and Regulations, effective January 1, 2021, and
260 is specifically approved by the Commission in Order UE21-03.

261

262 Actual energy costs incurred by the Company in 2021 have been higher than forecast and
263 used to set the Base Rate Cost, and the resulting increase in purchased and produced
264 electricity costs was appropriately deferred in the ECAM account.

265

266 The ECAM account is forecast to have a receivable or recoverable balance of approximately
267 \$5.6 million by December 31, 2021. The ECAM balance is comprised of approximately \$5.4
268 million of excess energy costs incurred up to the end of November and an additional \$0.2
269 million of excess energy costs forecast to be incurred in December 2021. A monthly ECAM
270 schedule of actual energy costs deferred to November 30, 2021 and the forecast for December
271 2021 is provided in Appendix A, and a summary is provided in Table 1.

272

TABLE 1		
Energy Costs Deferred to ECAM		
January 1 to December 31, 2021		
Total Actual/Forecast Energy Costs Applicable to ECAM	A	\$ 137,898,121
Total Actual/Forecast Net Purchased and Produced Energy (kWh)	B	1,431,708,602
ECAM Base Rate per kWh	C	\$ 0.09244
Total Base Energy Costs	D = B X C	\$ 132,347,143
2021 Energy Costs Deferred to ECAM	E = A - D	\$ 5,550,978

273

SECTION 6 – POINT LEPREAU IMPACT ON 2021 ENERGY SUPPLY COSTS

6.0 POINT LEPREAU IMPACT ON 2021 ENERGY SUPPLY COSTS

275

6.1 Introduction

276 As discussed in Section 5.0 of this Application, energy supply costs incurred in 2021
277 have been significantly higher than those originally forecast and used to set the Base
278 Rate Cost. The excess energy supply costs were appropriately deferred to the ECAM
279 account, which is forecast to reach a receivable balance of approximately \$5.6 million
280 by December 31, 2021. The primary reasons for this increase in energy supply costs
281 are unscheduled outages at Point Lepreau, as outlined in Table 2, and higher than plan
282 operating and maintenance costs for Point Lepreau.
283

284

TABLE 2			
Point Lepreau - 2021 Unscheduled Outages			
Outage Period	Full Outage Days	De-rated Output Days³	Total Days
January/February	41	3	44
April	13	1	14
November/December	19	23 ⁴	42 ⁴
TOTAL	73	27	100

285

286 These three unscheduled outage periods at Point Lepreau impact the energy supply
287 costs incurred by the Company in two ways. First, the Company must secure
288 replacement energy. Second, the Company's share of Point Lepreau's operating and
289 maintenance costs was also higher than planned. It is important to note that the
290 Company continues to incur its share of the ongoing operating and maintenance costs
291 for Point Lepreau even when the facility is not producing energy.

³ De-rated output days are days when Point Lepreau is generating electricity but is not producing at its full generating capacity.

⁴ Point Lepreau is currently scheduled to return to full service generation on December 24, 2021. The actual date of return to full service may differ from the current scheduled date.

SECTION 6 – POINT LEPREAU IMPACT ON 2021 ENERGY SUPPLY COSTS

292 **6.2 Replacement Energy Costs**

293 The cost of replacement energy for the unscheduled Point Lepreau outages in 2021
294 was approximately \$5.0 million as outlined in Table 3.

295

TABLE 3		
Replacement Energy Cost		
Outage Period	Total Days	Cost
January/February	44	\$ 2,804,522
April	14	680,240
November/December ⁵	42	1,510,888
TOTAL	100	\$ 4,995,650

296

297 **6.3 Unplanned Point Lepreau Operating and Maintenance Costs**

298 Under the terms of the Point Lepreau Participation Agreement, the Company is
299 required to pay its proportionate share of the ongoing operating and maintenance costs
300 of the facility whether or not it is producing energy. In 2021, the Company's share of
301 the Point Lepreau operating and maintenance costs was \$1.2 million higher than
302 budgeted. This increase was primarily due to increased maintenance and repair costs
303 of \$1.7 million, partially offset by fuel and cost of capital savings of approximately \$0.5
304 million.

305

306 Together the Point Lepreau replacement energy and operating and maintenance costs
307 variance results in a \$6.2 million increase in actual energy costs above the originally
308 forecast base energy costs approved in rates. Various other non-Point Lepreau energy
309 costs were lower than forecast in the Base Rate Cost and resulted in net reductions of
310 \$0.65 million to bring the ECAM to the forecast \$5.6 million balance at December 31,
311 2021.

⁵ The replacement energy required in December 2021 is estimated based on the schedule for Point Lepreau to return to full service generation and estimated energy pricing from NB Power.

312 **7.0 PROPOSED ECAM RATE ADJUSTMENT**

313

314 **7.1 Introduction**

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

317

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

321

322 6. *Determine the total of the excess (or deficiency) costs on the*
323 *Balance Sheet at the end of the third month proceeding the*
324 *month in which the ECAM rate will be applied.*

325 7. *Determine the forecast total kilowatt hour sales for the twelve*
326 *month period commencing with the month in which the ECAM*
327 *rate will be applied.*

328 8. *Divide the amount calculated in (6) above by the amount*
329 *calculated in (7) above to determine the ECAM rate adjustment*
330 *required in cents per kilowatt hour sold and which will be applied*
331 *to Customers' bills. Rate adjustment shall be calculated to the*
332 *nearest three decimal places (five decimal places on the dollar).*

333

334 **7.2 Proposed ECAM Rate Adjustment Applied to Customers' Bills**

335 Based on the above formula, the proposed ECAM Rate Adjustment applied to
336 customers' bills effective March 1, 2022 and until February 28, 2023, or as otherwise
337 ordered by the Commission, is \$0.00402 per kWh, as shown in Table 4.

SECTION 7 – PROPOSED ECAM RATE ADJUSTMENT

TABLE 4		
Proposed ECAM Rate Adjustment to Customers' Bills		
Forecast ECAM Balance, December 31, 2021	A	\$ 5,550,978
Forecast kWh Sales - March 1, 2022 to February 28, 2023	B	1,379,340,200
Proposed ECAM Rate Adjustment	C = A/B	\$ 0.00402

338

339 **7.3 Forecast ECAM Balance at December 31, 2021**

340 As discussed in Sections 5.0 and 6.0 of this Application, the ECAM balance is forecast
341 to be \$5.6 million at December 31, 2021, comprised of year-to-date actuals to the end
342 of November 2021 of \$5.4 million and a forecast of \$0.2 million for December 2021.
343 The forecast for December 2021 reflects the estimated replacement energy required
344 due to lower production from Point Lepreau from December 1, 2021 to December 24,
345 2021 as the facility is gradually brought back to full generating capacity.

346

347 To support the evidence provided in this Application, the Company proposes the
348 engagement of Deloitte LLP to provide a special purpose audit opinion on the ECAM
349 balance at December 31, 2021. The purpose of this audit is to provide assurance to
350 the Commission that the costs accumulated in the ECAM account in 2021 are
351 independently verified by a third party and the amounts deferred are in accordance with
352 the ECAM formula approved by the Commission. This audit opinion will be provided to
353 the Commission by January 28, 2022.

354

355 The actual ECAM balance at December 31, 2021 will vary from the forecast provided
356 herein. To address this, the Company will provide the Commission an update on the
357 actual ECAM balance by mid-January 2022, which will include a revision to the
358 proposed ECAM rate adjustment if the ECAM balance is materially different from the
359 balance forecast in this Application.⁶

⁶ For the purpose of determining whether the proposed ECAM rate adjustment should be updated, a material difference in the ECAM balance at December 31, 2021 is considered to be \$555,000 or 10% of the expected balance of \$5.6 million.

SECTION 7 – PROPOSED ECAM RATE ADJUSTMENT

360 **7.4 Forecast kWh Sales from March 1, 2022 to February 28, 2023**

361 Table 5 provides a comparison of the actual or forecast kWh sales for the current twelve
362 months ending February 28, 2022⁷ to the forecast kWh sales over the proposed ECAM
363 rate adjustment collection period of March 1, 2022 to February 28, 2023.

364

Table 5 Forecast kWh Sales			
Class	Consumption Period		Forecast Growth
	March 1, 2021 to February 28, 2022	March 1, 2022 to February 28, 2023	
Residential	699,401,400	710,421,600	1.6%
General Service	387,780,100	400,885,300	3.4%
Large Industrial	158,014,600	163,622,200	3.5%
Small Industrial	94,383,100	98,058,200	3.9%
Street Lighting	4,048,100	3,803,800	(6.0)%
Unmetered	2,509,200	2,549,100	1.6%
Total Sales	1,346,136,500	1,379,340,200	2.5%

365

366 The forecast sales for the period March 1, 2022 to February 28, 2023 is based on the
367 Company’s most recent customer load forecast updated in December 2021. This
368 forecast is based on a methodology consistent with the forecast provided in the
369 Company’s Application for an Order approving changes to the Schedules of Rates
370 effective March 1, 2020 and March 1, 2021. This forecast methodology was reviewed
371 by the Commission’s expert, Grant Thornton LLP. In their report dated October 14,
372 2020, Section 2.6, Grant Thornton concluded that “*MECL’s approach to load
373 forecasting is an acceptable methodology within the industry*”.

374

375 The residential load forecast reflects the Conference Board of Canada (“CBOC”)
376 forecast population growth for PEI, which is used to estimate housing starts for each
377 year of the forecast period. The estimate of housing starts for each year is then broken
378 down by the various types of housing (using input from the CBOC forecast), and

⁷ The forecast for the twelve months ended February 28, 2022 reflects actual sales from March 1, 2021 to November 30, 2021 and forecast sales from December 1, 2021 to February 28, 2022.

SECTION 7 – PROPOSED ECAM RATE ADJUSTMENT

379 multiplied by the average annual kWh usage for space heating and non-space heating
380 loads for each of the various types of housing. The result is the estimated increase in
381 these loads for each year of the forecast period. The annual increase in space heating
382 load is divided by the ten-year average for Heating Degree Days (“HDD”) so as to
383 express it as an increase in the Residential space heating load coefficient (i.e. in terms
384 of MWh per HDD).

385
386 The estimated space heating load for a given year is the cumulative MWh per HDD
387 coefficient multiplied by the ten-year average (2012 to 2021) for HDD. The latter is the
388 primary driver for the forecast growth in residential sales in 2022, as shown in Table 5,
389 as HDD in 2021 were lower than normal. This increase in residential heating load is
390 partially offset by a forecast reduction in residential non-space heating loads as
391 customers are expected to return to work locations in 2022. Residential non-space
392 heating load in 2021 was higher than normal due to customers working from home.

393
394 In addition, the estimated non-space heating component of the residential load is
395 reduced by the forecast of energy savings due to efficiencyPEI’s Electricity Efficiency
396 and Conservation Plan⁸ and the estimated impact of rooftop solar photovoltaic
397 installations.

398
399 The Company experienced lower than expected commercial loads in 2020 and 2021
400 due to pandemic-related restrictions causing many Island businesses to either close or
401 operate at a reduced capacity. The forecast increases in General Service, Large
402 Industrial and Small Industrial sales, shown in Table 5, is driven by an expected return
403 to pre-pandemic commercial activities in 2022.

404
405 Street Lighting load has been declining since 2015 due to the conversion of traditional
406 lighting technologies to LED lighting. LED street lighting fixtures use approximately

⁸ 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

407 55 per cent of the energy used by traditional technologies. The LED conversion
408 program is expected to be substantially completed by the end of 2022.

409

410 **7.5 Forecast ECAM Collection from Customers from March 1, 2022 to February 28,** 411 **2023**

412 The forecast monthly ECAM collection from customers from March 1, 2022 to
413 February 28, 2023 is provided in Table 6. The monthly collection of ECAM is the
414 product of the proposed ECAM rate adjustment per kWh per Table 4 and the forecast
415 kWh energy sales per Table 5.

416

Table 6			
Monthly ECAM Collected from Customers			
Collection Month	Forecast kWh Sales	ECAM Rate Adjustment per kWh	ECAM Collected from Customers
March 2022 ⁹	60,309,600	\$ 0.00402	\$ 242,445
April 2022	115,725,400	0.00402	465,216
May 2022	107,077,500	0.00402	430,452
June 2022	101,618,900	0.00402	408,508
July 2022	100,207,900	0.00402	402,836
August 2022	111,220,500	0.00402	447,106
September 2022	105,024,000	0.00402	422,196
October 2022	99,694,900	0.00402	400,773
November 2022	112,603,400	0.00402	452,666
December 2022	127,670,600	0.00402	513,236
January 2023	139,826,700	0.00402	562,103
February 2023	137,219,000	0.00402	551,620
March 2023 ⁹	61,141,800	0.00402	245,790
Total	1,379,340,200	\$0.00402	\$ 5,544,948¹⁰

417

418 The forecast kWh sales in Tables 5 and 6 are based on the methodology described in
419 Section 7.4 of this Application. To the extent that actual kWh sales vary from the
420 forecast, any difference between the actual amount of ECAM collected from customers

⁹ 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.

¹⁰ The difference between the forecast December 31, 2021 ECAM balance of \$5,550,978 and the total ECAM collected from customers of \$5,544,948 is due to rounding of the collection rate to five decimal places as per Section N-0 of the Company's Rates and General Rules and Regulations.

SECTION 7 – PROPOSED ECAM RATE ADJUSTMENT

421 and the amounts forecast in Table 6 will be deferred in the ECAM account to be
422 collected or refunded to customers in a future period. This approach is consistent with
423 the operation of the ECAM in previous years.

SECTION 8 – CUSTOMER IMPACT424 **8.0 CUSTOMER IMPACT**

425

426 **8.1 Proposed Customer Rates**

427 Appendix B provides a schedule of existing customer rates, by customer class, effective
 428 January 1, 2021 and the proposed customer rates for March 1, 2022 based on this
 429 Application. A summary comparison of the existing (i.e., 2021) and proposed (i.e.,
 430 2022) per kWh charge by customer class is provided in Table 7.

431

TABLE 7			
Energy Charge per kWh - Revenue Requirement (A)			
Customer Class	2021	2022	% Change
Residential - First Block	\$ 0.1450	\$ 0.1450	0.0%
Residential - Second Block	\$ 0.1146	\$ 0.1146	0.0%
General Service - First Block	\$ 0.1789	\$ 0.1789	0.0%
General Service - Second Block	\$ 0.1159	\$ 0.1159	0.0%
Small Industrial - First Block	\$ 0.1752	\$ 0.1752	0.0%
Small Industrial - Second Block	\$ 0.0868	\$ 0.0868	0.0%
Large Industrial	\$ 0.0698	\$ 0.0698	0.0%
Energy Charge per kWh - Other Amounts (B)			
Description	2021	2022	% Change
ECAM Charge per kWh	\$ -	\$ 0.0040	100.0%
Provincial Costs Recoverable per kWh	\$ 0.0036	\$ 0.0036	0.0%
Provincial Energy Efficiency Program per kWh	\$ 0.0013	\$ 0.0013	0.0%
RORA per kWh	\$ (0.0007)	\$ (0.0007)	0.0%
Total Energy Charge per kWh – Other Amounts	\$ 0.0042	\$ 0.0082	95.2%
Total Energy Charge per kWh (A+B)			
Customer Class	2021	2022	% Change
Residential - First Block	\$ 0.1492	\$ 0.1532	2.7%
Residential - Second Block	\$ 0.1188	\$ 0.1228	3.4%
General Service - First Block	\$ 0.1831	\$ 0.1871	2.2%
General Service - Second Block	\$ 0.1201	\$ 0.1241	3.3%
Small Industrial - First Block	\$ 0.1794	\$ 0.1834	2.2%
Small Industrial - Second Block	\$ 0.0910	\$ 0.0950	4.4%
Large Industrial	\$ 0.0740	\$ 0.0780	5.4%

432

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 7 and Appendix B. Other customer charges, namely the monthly service charges and demand charges, will remain unchanged. As a result, the percentage change in the total annual customer costs will be less than the percentages shown in Table 7.

439

Table 8 illustrates estimated annual cost, by component, for a typical rural residential customer using 650 kWh per month, or 7,800 kWh per year.

442

TABLE 8			
Annual Cost for Rural Residential Customer			
(650 kWh per Month/7,800 kWh per Year)			
	Mar. 1, 2020 to Feb. 28, 2021 Actual	Mar. 1, 2021 to Feb. 28, 2022 Actual	Mar. 1, 2022 to Feb. 28, 2023 Forecast
Service Charge	\$ 323.04	\$ 323.04	\$ 323.04
Basic Energy Charge	1,103.02	1,131.00	1,131.00
ECAM Charge	3.92	-	30.08
Provincial Costs Recoverable	40.08	27.97	27.97
Provincial Energy Efficiency Program	1.75	10.52	10.52
Cable Contingency Fund	1.41	-	-
RORA	(24.23)	(5.71)	(5.71)
Sub-total	1,448.99	\$ 1,486.82	\$ 1,516.90
HST	217.35	223.02	227.54
Provincial Clean Energy Rebate ¹¹	(112.60)	(116.38)	(119.39)
Total Annual Cost	\$ 1,553.74	\$ 1,593.46	\$ 1,625.05
Percentage Annual Increase (%)			
Before Tax		2.6%	2.0%
After Tax		2.6%	2.0%

443

¹¹ 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

444 Table 9 illustrates the estimated annual cost, by component, for a typical urban
445 residential customer using 650 kWh per month, or 7,800 kWh per year.
446

TABLE 9			
Annual Cost for Urban Residential Customer			
(650 kWh per Month/7,800 kWh per Year)			
	Mar. 1, 2020 to Feb. 28, 2021 Actual	Mar. 1, 2021 to Feb. 28, 2022 Actual	Mar. 1, 2022 to Feb. 28, 2023 Forecast
Service Charge	\$ 294.84	\$ 294.84	\$ 294.84
Basic Energy Charge	1,103.02	1,131.00	1,131.00
ECAM Charge	3.92	-	30.08
Provincial Costs Recoverable	40.08	27.97	27.97
Provincial Energy Efficiency Program	1.75	10.52	10.52
Cable Contingency Fund	1.41	-	-
RORA	(24.23)	(5.71)	(5.71)
Sub-total	1,420.80	1,458.62	1,488.70
HST	213.12	218.79	223.31
Provincial Clean Energy Rebate ¹²	(112.61)	(116.38)	(119.39)
Total Annual Cost	\$ 1,521.31	\$ 1,561.04	\$ 1,592.62
Percentage Annual Increase (%)			
Before Tax		2.7%	2.1%
After Tax		2.6%	2.0%

447

¹² 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

448 Table 10 illustrates the estimated annual cost, by component, for a general service
 449 customer using 10,000 kWh per month, or 600,000 kWh per year, and demand of
 450 50 KW per month, or 600 KW per year.
 451

TABLE 10			
Annual Cost for General Service Customer			
(10,000 kWh/50 KW per Month/120,000 kWh/600 KW per Year)			
	Mar. 1, 2020 to Feb. 28, 2021 Actual	Mar. 1, 2021 to Feb. 28, 2022 Actual	Mar. 1, 2022 to Feb. 28, 2023 Forecast
Service Charge	\$ 294.84	\$ 294.84	\$ 294.84
Demand Charge	4,834.80	4,834.80	4,834.80
Basic Energy Charge	17,252.25	17,688.00	17,688.00
ECAM Charge	60.38	-	462.80
Provincial Costs Recoverable	616.58	430.27	430.27
Provincial Energy Efficiency Program	21.59	161.89	161.89
Cable Contingency Fund	27.00	-	-
RORA	(372.72)	(87.85)	(87.85)
Sub-total	22,734.72	23,321.95	23,784.75
HST	3,410.21	3,498.29	3,567.71
Total Annual Cost	\$ 26,144.93	\$ 26,820.24	\$ 27,352.46
Percentage Annual Increase (%)			
Before Tax		2.6%	2.0%
After Tax		2.6%	2.0%

452
 453 Typical customers in the Small and Large Industrial classes will experience slightly
 454 larger increases in annual electricity costs than those presented for Residential and
 455 General Service Customers. This is due to the lower per kWh charge for the Large
 456 Industrial class and lower second block charge for the Small Industrial class, as the
 457 proposed ECAM Rate Adjustment represents a larger percentage increase on these
 458 lower rates. The impact for each individual customer will vary depending upon each
 459 customers' demand and consumption profile. However, a reasonable estimate of the
 460 expected rate increase for the Small Industrial customers is 2.7 per cent. The average
 461 expected rate increase for the Large Industrial class, which consists of a small number
 462 of customers with demand and consumption profiles that are wide in range, is between
 463 3.7 and 4.3 per cent.

9.0 CONCLUSION

464
465
466 Three unplanned outages at Point Lepreau have resulted in either reduced or no
467 generation at the facility for approximately 100 days in 2021. When these unplanned
468 outages occur, the Company must secure replacement energy from another source. At
469 the same time, the Company continues to be responsible for the ongoing operating and
470 maintenance costs of Point Lepreau even when the facility is not producing energy.
471 These operating and maintenance costs were higher than planned. Since these
472 outages were unscheduled, the costs associated with the replacement energy and
473 additional operating and maintenance costs were not contemplated in the Company's
474 forecast Base Rate Cost for purchased and produced electricity of \$0.09244 per kWh,
475 which is included in 2021 rates and was approved by the Commission in Orders UE20-
476 06 and UE21-03.

477
478 Together, the replacement energy and additional operating and maintenance costs
479 have been the primary drivers of the ECAM account reaching a receivable balance of
480 approximately \$5.6 million from January 1, 2021 to December 31, 2021. In this
481 Application, the Company proposes the addition of an ECAM Rate Adjustment of
482 \$0.00402 per kWh to customer bills beginning March 1, 2022 for all customer classes.
483 This adjustment will allow the Company to collect the 2021 ECAM balance from
484 customers over the period March 1, 2022 to February 28, 2023 in accordance with
485 Section N-0 of the Company's Rates and General Rules and Regulations.

486
487 In Order UE19-08, the Commission expressed concern about significant ECAM
488 balances and the potential for intergenerational inequity created if these balances
489 remain uncollected over long periods of time. The Commission also expressed concern
490 that deferring large balances of energy supply costs does not send appropriate price
491 signals to customers. These concerns support the Company's proposal to begin
492 collecting the ECAM balance on March 1, 2022 rather than continuing to defer the
493 balance until the next GRA.
494

SECTION 9 – CONCLUSION

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

497

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

502 **10.0 PROPOSED ORDER**

503

504 **C A N A D A**

505

506 **PROVINCE OF PRINCE EDWARD ISLAND**

507

508 **BEFORE THE ISLAND REGULATORY**

509 **AND APPEALS COMMISSION**

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IN THE MATTER of Section 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 March 1, 2022 to February 28, 2023 and for certain approvals incidental to such an order.

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

524

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

527

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

531

532 **AND WHEREAS** three unscheduled outages at Point Lepreau in 2021 required the Company
533 to incur replacement energy costs and higher operating and maintenance costs which have
534 resulted in actual energy costs in 2021 to be in excess of the base energy costs of \$0.09244
535 per kWh forecast in 2021 rates and approved by the Commission in Order UE21-03;

SECTION 10 – PROPOSED ORDER

536 **AND WHEREAS** the Company forecasts an ECAM balance of \$5.6 million on December 31,
537 2021 primarily as a result of these outages;

538

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

541

542 **IT IS ORDERED THAT:**

543

- 544 1. Maritime Electric shall collect an ECAM Rate Adjustment beginning on March 1, 2022
545 at the rate of \$0.00402 per kWh in accordance with Section N-0 of the Company's
546 Rates and General Rules and Regulations.

547

548 DATED at Charlottetown this ____ day of _____, 2022

549

550 BY THE COMMISSION

551

552

553 _____,

554 Chair

555

556

557 _____,

558 Commissioner

559

560

561 _____,

562 Commissioner

December 17, 2021

2021 Monthly ECAM Schedule

Energy Cost Adjustment Mechanism	ACTUAL											FORECAST	Total
	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	
Purchased Energy Costs	8,613,841	8,506,173	7,865,818	6,740,999	5,709,410	5,635,988	6,272,466	7,224,809	5,735,968	6,304,154	8,114,252	8,070,994	84,794,872
Lepreau Energy Costs	2,011,774	2,219,174	2,280,932	2,240,082	2,226,970	2,014,794	2,099,500	2,142,807	2,032,218	2,101,172	2,074,684	2,373,807	25,817,914
Generation Fuel Costs-PEI Plants	124,856	108,467	108,180	31,618	19,729	21,199	14,916	32,335	2,376	224,283	51,098	96,033	835,090
PEI Plant Operating Costs	255,378	244,126	298,914	260,981	253,000	244,887	270,352	234,519	229,514	258,919	230,072	316,159	3,096,820
Less: Insurance, Property Tax & Training	(85,685)	(80,893)	(96,328)	(82,353)	(75,966)	(83,453)	(91,637)	(70,702)	(88,097)	(88,377)	(88,097)	(87,314)	(1,018,900)
Amortization - Pt Lepreau Deferred Charge & DSM	21,700	21,700	21,700	21,700	21,700	21,700	21,700	21,700	17,327	17,327	17,327	17,127	242,707
Renewable Energy Costs	2,280,204	2,101,112	2,684,808	2,112,851	1,926,173	1,763,677	1,346,166	1,178,717	1,740,055	1,508,202	2,506,798	2,980,853	24,129,618
	13,222,068	13,119,859	13,164,025	11,325,878	10,081,017	9,618,793	9,933,462	10,764,185	9,669,362	10,325,681	12,906,134	13,767,658	137,898,121
Net Purchased & Produced Energy - kWh (NPP)	142,214,117	127,386,376	131,603,409	112,317,560	106,816,491	102,278,443	107,412,177	117,356,765	104,175,388	110,428,006	122,185,026	147,534,844	1,431,708,602
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	13,146,273	11,775,597	12,165,419	10,382,635	9,874,116	9,454,619	9,929,182	10,848,459	9,629,973	10,207,965	11,294,784	13,638,121	132,347,143
Difference Between Actual & Base Energy Costs	75,795	1,344,262	998,605	943,242	206,901	164,173	4,281	(84,274)	39,389	117,716	1,611,350	129,537	5,550,978
Opening Balance - Regular ECAM	-	75,795	1,420,057	2,418,662	3,361,905	3,568,805	3,732,979	3,737,260	3,652,986	3,692,375	3,810,091	5,421,441	-
Additions/(Reductions)	75,795	1,344,262	998,605	943,242	206,901	164,173	4,281	(84,274)	39,389	117,716	1,611,350	129,537	5,550,978
Rebated/(Collected) From Ratepayer	-	-	-	-	-	-	-	-	-	-	-	-	-
Closing Balance - Regular ECAM	75,795	1,420,057	2,418,662	3,361,905	3,568,805	3,732,979	3,737,260	3,652,986	3,692,375	3,810,091	5,421,441	5,550,978	5,550,978
General Ledger Closing Balance	75,795	1,420,057	2,418,662	3,361,905	3,568,805	3,732,979	3,737,260	3,652,986	3,692,375	3,810,091	5,421,441	5,550,978	5,550,978

Maritime Electric Company, Limited			
Schedule of Rates			
Rate Code		January 1, 2021	March 1, 2022
110 Residential			
	Service Charge	\$ 24.57	\$ 24.57
	Energy Charge per kWh for first 2,000 kWh	\$ 0.1492	\$ 0.1532
	Energy Charge per kWh for balance kWh	\$ 0.1188	\$ 0.1228
130 Residential Rural			
	Service Charge	\$ 26.92	\$ 26.92
	Energy Charge per kWh for first 2,000 kWh	\$ 0.1492	\$ 0.1532
	Energy Charge per kWh for balance kWh	\$ 0.1188	\$ 0.1228
131 Residential Seasonal			
	Service Charge	\$ 26.92	\$ 26.92
	Energy Charge per kWh for first 2,000 kWh	\$ 0.1492	\$ 0.1532
	Energy Charge per kWh for balance of kWh	\$ 0.1188	\$ 0.1228
133 Residential Seasonal Option			
	Service Charge	\$ 37.50	\$ 37.50
	Energy Charge per kWh for first 2,000 kWh	\$ 0.1492	\$ 0.1532
	Energy Charge per kWh for balance of kWh	\$ 0.1188	\$ 0.1228
232 General Service			
	Service Charge	\$ 24.57	\$ 24.57
	Demand Charge - per kW for first 20 kW	\$ -	\$ -
	Demand Charge - per kW for balance of kW	\$ 13.43	\$ 13.43
	Energy Charge per kWh for first 5,000 kWh	\$ 0.1831	\$ 0.1871
	Energy Charge per kWh for balance of kWh	\$ 0.1201	\$ 0.1241
233 General Service - Seasonal Operators Option			
	Service Charge	\$ 24.57	\$ 24.57
	Demand Charge - per kW for first 20 kW	\$ -	\$ -
	Demand Charge - per kW for balance of kW	\$ 13.43	\$ 13.43
	Energy Charge per kWh for first 5,000 kWh	\$ 0.1831	\$ 0.1871
	Energy Charge per kWh for balance of kWh	\$ 0.1201	\$ 0.1241
320 Small Industrial			
	Demand Charge - per kW	\$ 7.46	\$ 7.46
	Energy Charge per kWh for first 100 kWh per kW billing demand	\$ 0.1794	\$ 0.1834
	Energy Charge per kWh for balance of kWh	\$ 0.0910	\$ 0.0950
310 Large Industrial			
	Demand Charge per kW	\$ 14.50	\$ 14.50
	Energy Charge per kWh	\$ 0.0740	\$ 0.0780
340 Long Term Contract (Currently no customers in this rate category)			
	Demand Charge per kW	\$ 15.51	\$ 15.51
	Energy Charge per kWh	\$ 0.1004	\$ 0.1044
330 Short Term Contract (Currently no customers in this rate category)			
	Demand Charge - per kW	\$ 16.79	\$ 16.79
	Energy Charge per kWh for all kWh in the first block	\$ 0.0995	\$ 0.1036
	Energy Charge per kWh for balance of kWh in the month	\$ 0.0828	\$ 0.0869

Maritime Electric Company, Limited									
Schedule of Rates									
	Residential	Type		Annual	Monthly	Approved			
				kWh	kWh	January 1, 2021	March 1, 2022		
	619	LED	70 W HPS Equivalent St Lights - Rented		15	\$	12.43	\$	12.49
	625	LED	100 W HPS Equivalent St Lights - Rented		17	\$	12.86	\$	12.93
*	630	HPS	St Lights - Rented	389	32	\$	16.44	\$	16.57
*	631	HPS	St Lights - Rented	553	46	\$	20.88	\$	21.06
*	632	HPS	St Lights - Rented	799	66	\$	29.85	\$	30.12
	633	HPS	St Lights - Rented	1283	106	\$	40.59	\$	41.02
	634	HPS	St Lights - Rented	1886	157	\$	47.47	\$	48.10
*	635	MV	St Lights - Rented	656	54	\$	16.28	\$	16.50
	639	Lanterns	City Lanterns - Rented	389	32	\$	60.43	\$	60.56
*	640	HPS	St Lights - Owned	389	32	\$	6.46	\$	6.59
*	641	HPS	St Lights - Owned	553	46	\$	8.52	\$	8.70
*	642	HPS	St Lights - Owned	779	65	\$	11.44	\$	11.70
	643	HPS	St Lights - Owned	1283	107	\$	18.13	\$	18.56
	644	HPS	St Lights - Owned	1886	157	\$	28.59	\$	29.22
	651	LED	St Lights - Owned	78	7	\$	1.16	\$	1.19
	652	LED	St Lights - Owned	246	21	\$	3.67	\$	3.75
	653	LED	St Lights - Owned	205	17	\$	3.06	\$	3.13
	666	LED	175 W MV Equivalent St Lights - Rented		25	\$	14.31	\$	14.41
	670	LED	St Lights - Rented	410	34	\$	16.64	\$	16.78
	675	LED	150 W/200 W HPS Equivalent St Lights - Rented		37	\$	15.46	\$	15.61
	719	LED	St Lights - Owned	176	15	\$	2.63	\$	2.69
*	730	HPS	Yard Lights - Rented	389	32	\$	16.44	\$	16.57
*	731	HPS	Yard Lights - Rented	553	46	\$	20.88	\$	21.06
*	732	HPS	Yard Lights - Rented	799	66	\$	29.85	\$	30.12
	733	HPS	Yard Lights - Rented	1283	106	\$	40.59	\$	41.02
	734	HPS	Yard Lights - Rented	1886	157	\$	47.47	\$	48.10
*	735	MV	Yard Lights - Rented	656	54	\$	16.28	\$	16.50
*	737	MV	Yard Lights - Rented	1210	100	\$	28.79	\$	29.19
*	740	HPS	Yard Lights - Owned	389	32	\$	6.46	\$	6.59
*	741	HPS	Yard Lights - Owned	553	46	\$	8.52	\$	8.70
	742	HPS	Yard Lights - Owned	779	65	\$	11.44	\$	11.70
	743	HPS	Yard Lights - Owned	1283	107	\$	18.13	\$	18.56
	744	HPS	Yard Lights - Owned	1886	157	\$	28.59	\$	29.22
	749	LPS	Yard Lights - Owned	869	72	\$	13.34	\$	13.63
	753	Flood	Yard Lights - Rented	1283	107	\$	38.73	\$	39.16
	754	Flood	Yard Lights - Rented	1886	157	\$	48.21	\$	48.84
	755	Halide	Yard Lights - Rented	1148	95	\$	40.79	\$	41.17
	756	Halide	Yard Lights - Rented	1878	156	\$	50.20	\$	50.83
	757	Halide	Yard Lights - Rented	4346	362	\$	86.16	\$	87.62
	759	Halide	St Lights - Owned	533	44	\$	7.96	\$	8.14
	760	Halide	St Lights - Owned	894	74	\$	13.37	\$	13.67
	761	Halide	St Lights - Owned	1148	95	\$	17.15	\$	17.53
	762	Halide	St Lights - Owned	1878	156	\$	28.04	\$	28.67
	764	LED	St Lights - Owned	410	34	\$	6.12	\$	6.26
	765	Halide	St Lights - Owned	759	63	\$	11.33	\$	11.58
	766	LED	St Lights - Owned	295	25	\$	4.40	\$	4.50
	775	LED	St Lights - Owned	438	37	\$	6.54	\$	6.69
	780	LED	St Lights - Owned	586	49	\$	8.75	\$	8.95
	785	LED	St Lights - Owned	718	60	\$	10.70	\$	10.94

* These charges are applicable to existing fixtures only.

Maritime Electric Company, Limited		
Schedule of Rates		
	January 1, 2021	March 1, 2022
610 Pole Rental -Wood Residential Unmetered Rates (based on 100 watt fixture)	\$ 4.38	\$ 4.38
810 8 Hour Lighting per kWh Minimum Charge	\$ 0.1790 \$ 11.67	\$ 0.1830 \$ 11.67
820 12 Hour Lighting per kWh Minimum Charge	\$ 0.1790 \$ 11.67	\$ 0.1830 \$ 11.67
830 24 Hour Lighting per kWh Minimum Charge	\$ 0.1790 \$ 11.67	\$ 0.1830 \$ 11.67
840 Air Raid & Fire Sirens		
850 Outdoor Christmas Lighting - 5.77¢ per watt of connected load per week		
234 Customer Owned Outdoor Recreational Lighting Service Charge	\$ 24.57	\$ 24.57
Energy Charge per kWh for first 5,000 kWh	\$ 0.1790	\$ 0.1830
Energy Charge per kWh for balance of kWh	\$ 0.1099	\$ 0.1139
Short Term Unmetered Rates		
Energy Charge: per kWh of estimated consumption	\$ 0.1790	\$ 0.1830
Connection Charge:		
A. Connecting to existing secondary voltage	Single-Phase \$99.08	Three-Phase \$99.08
B. Where transformer installations are required, the following connection charges will apply:		
	Single-Phase	Three-Phase
(1) Up to and including 10 kVA	\$148.87	\$209.17
(2) 11 kVA to 15 kVA	\$240.79	\$301.01
(3) 16 kVA to 25 kVA	\$269.20	\$336.64
(4) 26 kVA to 37 kVA	\$301.01	\$336.64
(5) 38 kVA to 50 kVA	\$336.64	\$336.64
(6) 51 kVA to 75 kVA	\$369.58	\$523.96
(7) 76 kVA to 125 kVA	\$431.07	\$555.59
(8) Above 125 kVA	0	\$594.94