

June 24, 2021



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

Dear Commissioners:

Comprehensive Review of the Energy Cost Adjustment Mechanism Docket UE20603

Please find attached the Company's responses to Interrogatories from Commission Staff with respect to the Comprehensive Review of the Energy Cost Adjustment Mechanism.

Yours truly,

MARITIME ELECTRIC

Gloria Crockett, CPA, CA

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Response to Interrogatories from Commission Staff with respect to the Comprehensive Review of the Energy Cost Adjustment Mechanism

Docket UE20603

Submitted June 24, 2021



The Island Regulatory and Appeals Commission (the "Commission"), in assessing the Comprehensive Review of the Energy Cost Adjustment Mechanism submitted by Maritime Electric Company, Limited ("Maritime Electric" or "MECL"), requests responses to the following interrogatories:

- IR-1 The Murphy Report filed in 2004 concluded that capacity costs should not properly be recovered through the ECAM. The Report stated that capacity costs are able to be reasonably forecast for inclusion in basic rates. However, MECL is proposing that capacity costs (namely account 7002 & account 7049) remain in the ECAM.
 - a. Please provide justification for continuing to recover capacity costs through the ECAM.

Response:

In the Company's Comprehensive Review of the Energy Cost Adjustment Mechanism ("ECAM Report") filed with the Commission on June 1, 2020, the criteria used to recommend costs that should remain in ECAM are:

- The account and changes in the costs included therein are largely outside the control of the Utility; and
- The potential variance from forecast, individually or in aggregate, may have a significant or material impact on customer rates or the Company's earnings in a particular year.

Further, the JT Browne Consulting Report¹ provided the following opinion:

"the ECAM proposed in the MECL Report, including the criteria for including the accounts in the ECAM is consistent with established regulatory principles and practice."

For customer rate setting purposes, the annual forecast amount for capacity costs are included in the ECAM Base Rate² calculation and recovered annually through basic rates. As a result, only the variances outside the Company's control are deferred in the ECAM balance on the Company's balance sheet.

The capacity costs recorded in account 7002 and 7049 should continue to be recovered through the ECAM because there is the potential for these costs to vary significantly and these variations are largely outside the Company's control.

Account 7002 records the cost of Firm Capacity that is forecast a year or more in advance of when it is needed and is currently based on pricing in the current Energy Purchase Agreement

The JT Browne Consulting Report, also filed with the Commission on June 1, 2020, is a report by an independent third party engaged by the Company to provide an opinion on whether the on the Company's ECAM as proposed in the Comprehensive Review of the Energy Cost Adjustment Mechanism is consistent with established regulatory principles and practices.

The ECAM Base Rate per kWh is calculated as the total forecast energy costs applicable to ECAM divided by the total forecast net purchased and produced energy in kWh.

("EPA") with New Brunswick Energy Marketing ("NBEM"). Account 7049 records the cost of incremental capacity that is generally identified a month or less in advance of when it is needed and must be purchased outside the EPA.

There are two primary elements that influence the total cost of a product, price and volume demand. In theory, if both price and volume are stable and predictable then the total cost can be accurately forecast.

The following discussion will demonstrate that the unit price of capacity, up to the forecast level in the EPA, is stable and predictable; however, the volume is not. The variability caused by volume (i.e., demand for energy) can significantly impact the level of capacity required (and resulting cost) and Maritime Electric cannot control that variability. Furthermore, the unit cost of the excess capacity is not known in advance, and while Maritime Electric negotiates in good faith to secure a fair unit price for excess capacity, Maritime Electric is essentially a 'price taker'.

Unit Price of Capacity

Maritime Electric is currently purchasing system capacity³ from NBEM under a five-year EPA that will expire on December 31, 2026⁴. During the negotiation of this EPA, Maritime Electric provided NBEM with a forecast of the expected capacity for the five-year term of the agreement. See Table 1 which is Appendix 3 from the EPA. In this regard, the supply of capacity <u>up to the forecast level</u> and the corresponding unit price is stable and predictable.

Table 1
Appendix 3 of the Energy Purchase Agreement

Appendix 3 - Firm Capacity Pricing

Capacity Pricing Schedule (\$CAD)

Period	Capacity (MW)	Charge (per kW month)
Mar 1, 2019- Dec 31, 2019	115	
Jan 1, 2020 - Dec 31, 2020	120	
Jan 1, 2021- Dec 31, 2021	125	
Jan 1, 2022- Dec 31,2022	165	
Jan 1, 2023 - Dec 31, 2023	173	
Jan 1, 2024 - Dec 31, 2024	180	
Jan 1, 2025 - Dec 31, 2025	185	
Jan 1, 2026 - Dec 31, 2026	190	

The unit price of any excess capacity, if required, is negotiated as needed and may be higher than unit pricing secured through the EPA. This introduces variability in the forecasting of capacity costs.

Purchasing system capacity includes reserving the required generating capacity and associated transmission capacity in order to deliver the product to PEI.

⁴ The contract, originally set to expire on February 29, 2024 was extended to 2026 on October 22, 2020.

Maritime Electric

It should be noted that the forecast capacity secured in the EPA is the amount of capacity Maritime Electric is obligated to purchase even if the actual required capacity turns out to be lower. However, if Maritime Electric is able to provide NBEM with two-years written notice⁵, Clause 3.2-b(i) in the EPA allows a decrease in Firm Capacity below those levels in Appendix 3. Removing this portion of capacity cost from the ECAM would also remove the ability to return to customers any cost savings that result from any decreases in the forecast level of capacity.

Volume of Capacity

Capacity volume, more accurately referred to as demand, is measured in megawatts ("MW") and system capacity (i.e., total capacity) must equal or exceed peak load⁶. There are a number of factors outside the Company's control that can cause peak load to change and those factors most relevant to Maritime Electric's peak load are discussed below.

Weather and Heating Load

On Prince Edward Island ("PEI"), peak load has occurred during the winter season due to heating load⁷, as such winter weather trends play a significant role in estimating future peak load. As the use of electricity for space heating increases and/or winter weather is colder than normal, Maritime Electric's peak load will continue to be difficult to accurately forecast. Such variability is outside the Company's control.

For example, in 2019 the winter peak load for January and February was trending higher than expected. This meant that the 2019 capacity forecast provided to NBEM was too low. Maritime Electric informed NBEM additional capacity of 30 MW in January and 15 MW in February was needed. The cost of this incremental capacity was approximately \$200,000 and was recorded in account 7049. The ability to record this additional cost through the ECAM allowed the Company an opportunity to recover a cost required to serve customers over which it had no control.

Electrification of Space Heating and Transportation

Electrified space heating has been on an upward trend for the past decade and has driven most of the load growth experienced by the Company in recent years. Government incentives related to heat pumps is expected to prolong this trend. With more reliance on electric space heating and the impact that climate change is having on winter weather patterns, variability in load projections is expected to increase.

Electrified transportation currently has little penetration in the PEI passenger vehicle market and negligible impact on energy demand requirements. However, Federal and Provincial purchase enticements for electric vehicles ("EVs") and plug-in hybrid EVs will incent earlier adoption than previously planned. This will increase energy demand and will likely increase peak load, which will increase the level of capacity needed. The rate at which this will occur is unknown and outside the Company's control.

While the EPA requires two-years written notice; NBEM has, on occasion, accepted a shorter notice period.

⁶ Peak load is the maximum energy demand at a point in time.

The use of electricity for space heating increases heating load. Use of air conditioning in the summer is also contributing to load growth. However, summer peak load continues to be lower than winter peak load, which means only the winter peak load currently drives the need for more system capacity.

Electrification of space heating is having a more immediate impact on Maritime Electric's peak load than electrification of transportation. However, continuing to allow capacity costs to be recovered through the ECAM will allow the Company an opportunity to recover any incremental capacity costs, which are outside the Company's control.

Impact of the Economy

The expansion or contraction of the economy on PEI affects the demand for electricity which, in turn, impacts peak load, and the impact can happen quickly.

For example, Table 2 shows the Company's forecast of Firm Capacity per the EPA that was signed in February 2018 compared to an updated forecast as of November 2019.

Table 2
Firm Capacity Forecast

Period	Firm Capacity Forecast as of February 2018 (MW)	Firm Capacity Forecast as of November 2019 (MW)	Variance (MW)
Mar 1, 2019 - Dec 31, 2019	95	115	+ 20
Jan 1, 2020 - Dec 31, 2020	95	120	+ 25
Jan 1, 2021 - Dec 31, 2021	95	125	+ 25
Jan 1, 2022 - Dec 31, 2022	130	160	+ 30
Jan 1, 2023 - Dec 31, 2023	130	160	+ 30
Jan 1, 2024 – Feb 29, 2024	130	160	+ 30

Shortly after the February 2018 EPA was signed, the PEI economy started to grow faster than anticipated and the Company's analysis indicated that the February 2018 forecast of Firm Capacity had quickly become outdated and too low. In less than 24 months, as of November 2019, the five-year forecast of Firm Capacity increased by 20 to 30 MW per year. This change in forecast capacity was outside the Company's control and would have had a material negative impact on the Company's earnings if capacity costs were no longer permitted to flow through the ECAM.

This demonstrates that the variability in capacity costs can be significant and it can occur with very little lead time.

Capacity Decreases

The discussion of weather and heating load, electrification of space heating and transportation, and the economy relate to factors that are expected to increase the need for capacity. However, if forecast capacity is determined to be too high, Clause 3.2-b(i) in the EPA allows a decrease in Firm Capacity below those levels in the EPA Appendix 3 – Firm Capacity Pricing if two-years

written notice⁸ is provided. Therefore, continuing to permit capacity costs to flow through the ECAM also allows decreases in capacity costs to be passed on to customers.

Multi-Year Rate Setting Periods

The Company and the Commission have both recognized that multi-year rate setting periods are a cost effective⁹, beneficial means of providing predictable customer rate adjustments. However, it is important to note that variability does occur between the forecast of capacity costs for a multi-year period and actual capacity costs, and that variability can be significant.

Table 3 provides a comparison of the forecast capacity costs for the 2016 General Rate Agreement ("GRA") and the 2019 General Rate Application to the actual capacity costs incurred for those periods¹⁰.

	Foreca	Tal	ole 3	ty Costs			
D	Toreca	2016 GRA	otuai Gapaci	<u> </u>	eral Rate Ap	oplication	
Description	2016	2017	2018	2019	2020	2021	
Firm Capacity (Account 7002)							
Application Forecast	\$ 1,418,00 0	\$ 2,846,15 4	\$750,000	\$ 5,086,50 0	\$ 6,600,00 0	\$ 6,600,00 0	
Actual Incurred*	1,418,000	2,550,000	3,075,000	5,199,100	7,156,200	7,500,000	
Over (Under) Variance**	-	(296,154)	2,325,000	112,600	556,200	900,000	
Other Capacity (Acco	unt 7049)						
Application Forecast	84,099	-	-	52,063	9,907	19,329	
Actual Incurred*	136,386	110,000	159,475	240,625	-	14,000	
Over (Under) Variance**	52,287	110,000	159,475	188,562	(9,907)	(5,329)	

- * 2021 is an updated forecast amount as the actual incurred amount will not be known until the end of the year.
- ** Over variance to be recovered from customers and under variance to be refunded to customers.

The variances in Table 3 demonstrate that even during a relatively short period of time (i.e., a three-year period) there can be significant variability between forecast and actual capacity costs, further supporting the continued recognition of capacity costs through the ECAM.

⁸ While the EPA requires two-years written notice, NBEM has, on occasion, accepted a shorter notice period.

⁹ Murphy Report, 2004, page 2, "Time and cost savings relating to fewer and/or shorter rate hearings".

The comparisons provided in the Comprehensive Review of the ECAM Report to the Commission were to the corresponding year's annual budget, which are updated throughout a rate setting period as new information becomes available.

Maritime Electric

- IR-2 The Murphy Report concluded that volume fluctuations (i.e. costs for the volume of energy above the budget level) should not properly be recovered through the ECAM.
 - a. In light of the Murphy Report, please provide justification for continuing to recover volume fluctuations through the ECAM.

Response:

As demonstrated in the discussion that follows, the Murphy Report conclusion pertaining to volume fluctuations is incorrect. Therefore, fluctuations in the volume of energy sold should continue to be recovered or refunded through the ECAM to ensure the Company has a fair opportunity to recover the costs of providing service.

Fundamental cost accounting principles define a cost variance as the difference between actual and budget cost and is made up of two elements, a price variance and volume variance.

A price variance is the difference between the actual versus expected price of whatever is being measured, multiplied by a standard number of units. Electric rates are designed by the Company to collect revenue from customers that includes a forecast base energy cost per kWh (i.e., price), which is based on a forecast. To the extent that actual energy costs incurred are above or below the forecast base energy cost per kWh, this variance currently flows through to the ECAM balance on the Company's balance sheet.

A volume variance is the difference between the actual versus expected unit volume of whatever is being measured, multiplied by a standard price per unit. In the case of ECAM, the volume variance is the difference between the actual net purchased and produced energy¹¹ ("NPP"), measured in kWh, and the budget NPP energy multiplied by the ECAM Base Rate. To the extent that the Company sells more energy than expected, the additional energy cost (i.e., increase in kWh sold multiplied by the base ECAM rate) is currently passed through to the Company's income statement. Alternatively, if the Company sells less energy than expected, the reduced energy costs are passed through to the Company's income statement. This is a critical step to ensuring that the energy costs that flow through to the income statement reflect changes in sales volume from budget.

The Murphy Report was written in 2004 and is now almost 17 years old. At the time, Mr. Murphy's evidence looked solely to historical fuel adjustment mechanisms that existed in the 50 years prior to 2004 and has no resemblance to energy cost deferrals in Canada as they exist today¹² which appropriately capture variances in both price and volume.

Net purchased and produced energy is the summation of the energy produced by Maritime Electric-owned generation plus energy purchased from external generation both on- and off-Island less energy consumed by Maritime Electric facilities. The net total represents the energy consumed by customers.

See Appendix 3 of the JT Browne Consulting Report on the Energy Cost Adjustment Mechanism provided as Appendix 2 to the Comprehensive Review of the Energy Cost Adjustment Mechanism filed with the Commission on June 1, 2020.

(UE20603) Comprehensive Review of the Energy Cost Adjustment Mechanism to Commission Staff

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On page 5 of the Murphy report, it states:

It is forecast that during 2004, MECL's total volume of energy [purchased] will be 9,995,0000 kWh above the level that was predicted when the budget for 2004 was prepared... thus MECL's proposed ECAM costs must be reduced by the amount of the average incremental purchased energy cost of 6.71 cents/kWh times the increased volume, an amount of \$670,655."

This leads to the Murphy Report's first conclusion on page 6 that "Costs for the volume of energy above the budget level" should not be included in ECAM.

Where Mr. Murphy erred is that the ECAM formula as it exists already addresses the issue of increased volume due to higher sales. This is accomplished by charging the actual NPP multiplied by the forecast energy cost per kWh to the income statement. Table 1 shows the operation of the ECAM formula as it exists compared to Mr. Murphy's erred assumption on its application.

Maritime Electric

Comparison of Maritime Electric an	TABLE	-	s Interpretation	n of t	he Operation o	f ECA	М
2004 ECAM Reconciliation	a the marphy ite		ritime Electric (1)	1011	Murphy (2)		Difference (3 = 2-1)
Actual Gross Energy Costs	А	\$	74,070,532	\$	74,070,532	\$	-
Lepreau Amortization	В		560,293		560,293		-
Total Costs Applicable for ECAM	C = A + B		74,630,825		74,630,825		-
Adjustment re: Murphy Report	D		-		(670,665)		(670,665
	E = C + D	\$	74,630,825	\$	73,960,161	\$	(670,665
Total NPP (kWh) - Actual vs Budget	F	1	,058,466,149	1,	049,743,000		(8,723,149
ECAM Base Rate	G	\$	0.0673	\$	0.0673	\$	0.0673
Total Base Energy Costs	$H = F \times G$	\$	71,234,772	\$	70,647,704	\$	(587,068)
ECAM Adjustment per Income Statement (difference between Actual and Base)	I = E - H	\$	3,396,053	\$	3,312,457	\$	(83,597
Net Energy Costs per Income Statement	J = A - I	\$	70,674,479	\$	70,758,075	\$	(83,597)
Reconciliation of Difference							
Forecast 2004 NPP (kWh) per Appendix 2 of Mur	phy Report		K			1,0	059,738,000
Actual NPP (kWh) for 2004 as per F above			L			1,0	058,466,149
Volume Variance			M = K - L				(1,271,851
ECAM Base Rate			N = E			\$	0.0673
Cost of Volume Variance			$O = M \times N$			\$	(85,596
Difference in NPP (kWh) per Appendix 2 Murphy	Report		Р				9,995,000
ECAM Base Rate			Q = N	\$	0.0673		
Rate used by Murphy to calculate difference			_				
(page 21 of Murphy Report)			R		0.0671	=	0.000
Difference in Energy Cost per kWh per Murphy Ro	eport		S = Q - R				0.0002
Total Difference due to Rate Differential			$T = P \times S$			\$	1,999
Reconciled Difference			U = O + T			\$	(83,597

Under item (7) on page 21 of his report, Mr. Murphy states that "... MECL recovers its costs for this additional costs at its tariff rates. Allowing such costs as part of ECAM would mean that MECL would be recovering these costs twice." This statement could only be true if the volume of energy passing through to the income statement is the budget NPP, as illustrated above in Mr. Murphy's operation of ECAM. However, that is not how the ECAM formula operates as illustrated above by the Maritime Electric operation of ECAM.

As per the letter from J. W. Geldert to IRAC dated January 5, 2005¹³, the Company choose to expense the adjustment of \$670,655 proposed in the Murphy Report (dated December 28, 2004) in order to close the books for 2004 even though the Company considered this an error by Mr. Murphy in his conclusions. In doing so, the Company essentially double charged its income statement for the energy costs associated with the additional volume of energy required to meet sales as follows:

- 1. The actual energy costs as a result of higher sales volume are included in Gross Energy Costs but excluded from flowing through to ECAM, and remain as an expense on the Income Statement.
- 2. Base energy costs were recorded at the actual NPP multiplied by the ECAM Base Rate thereby expensing the associated energy costs for higher sales volume a second time.

As a result, the ECAM adjustment reported on the Company's Income Statement for 2004 was \$2,725,389 (\$3,396,053 - \$670,655) and Net Energy Costs were \$71,345,143 (\$70,674,479 + \$670,655). This is a direct contradiction to Mr. Murphy's conclusion on page 21 of his report and is illustrated Table 2.

Comparison of 2004 Results Under No.		TABLI n of E		Resu	Its Including M	urphy A	djustment
2004 ECAM Reconciliation		Nor	mal Operation of ECAM	Ī	Actual 2004 Financial tatements ¹⁴	2004	rstatement of 4 Net Energy ts Expensed
Actual Gross Energy Costs	А	\$	74,070,532	\$	74,070,532	\$	-
Lepreau Amortization	В		560,293		560,293		-
Total Costs Applicable for ECAM	C = A + B		74,630,825		74,630,825		-
Adjustment re: Murphy Report	D		-		(670,665)		(670,665)
	E = C + D	\$	74,630,825	\$	73,960,161	\$	(670,665)
Total Actual NPP (kWh)	F	1,	058,466,149	1,	058,466,149		-
ECAM Base Rate	G	\$	0.0673	\$	0.0673	\$	-
Total Actual Base Energy Costs	$H = F \times G$	\$	71,234,772	\$	71,234,772	\$	-
ECAM Adjustment per Income Statement (Difference Between Actual & Base)	I = E - H	\$	3,396,053	\$	2,725,389	\$	(670,665)
Net Energy Costs per Income Statement	J = A - I	\$	70,674,479	\$	71,345,143	\$	(670,665)

Attached hereto as IR #2 – Attachment 1 for ease of reference.

¹⁴ Month end financial statements for December 31, 2004 are attached hereto as IR #2 – Attachment 2.

Changing the ECAM mechanism to operate in this manner would expose the Company to significant risk when sales volume variances occur. This can be demonstrated by comparing the financial results for each of the last two fiscal years when the Company experienced significant fluctuations in sales volumes compared to budget. Fiscal year 2019 demonstrates the impact of an unexpected increase in sales volume while fiscal 2020 demonstrates the impact of an unexpected decrease in sales volume.

In 2019, the economy on PEI was accelerating with new housing starts well above historical levels and high uptake of government programs supporting electrification of space heating. This led to sales being 4.7 per cent higher than plan. Had the Company reduced the gross energy costs flowing through the ECAM by the energy costs incurred to meet the increased sales volume in addition to recording base energy costs at the actual NPP, the Company would have recorded additional energy costs of \$5.5 million.

As illustrated in Table 3, higher energy costs of \$5.5 million would have more than offset 2019 RORA adjustment of \$3.5 million and reduced regulated earnings by \$1.3 million (after factoring in the income tax impact). The Company's resulting Regulated ROE would have been 8.50 per cent, well below the allowed ROE of 9.35 per cent.

Comparison of Ac	T tual 2019 Financial ∣	able 3 Results to 2004 M	lurphy Repo	ort Adjustment	
2019 ECAM Reconciliation		Maritime Electric		2004 Murphy Adjustment	Overstatement of Net Energy Costs Expensed
Actual Gross Energy Costs	Α	\$127,020,670		\$ 127,020,670	
Insurance, Property Tax and Training not included in ECAM	В	(828,143)		(828,143)	
Lepreau and DSM Amortization	С	250,598	_	250,598	
Total Costs Applicable for ECAM	D = A + B + C	126,443,125		126,443,125	
Adjustment re: Murphy Report	E		_	(5,451,062)	
	F = D + E	\$126,443,125	_	\$ 120,992,063	
Total Actual NPP (kWh)	G	1,385,298,41 0		1,385,298,410	
ECAM Base Rate	Н	\$ 0.09161		\$ 0.09161	
Total Base Energy Costs	I = G x H	\$126,907,187	_	\$ 126,907,187	
Difference Between Actual and Base	J = F - I	(464,062)	_	(5,915,125)	(5,451,062)
Net Energy Costs per Income Statement	K = J - A	\$127,484,732	=	\$ 132,935,795	\$ 5,451,062
Regulated Earnings per 2019 Financial Statements	L	\$ 14,262,630			
Increase in Energy Costs per Murphy Report	М	(5,451,062)			
Reversal of 2019 RORA Adjustment	N	3,509,123			
Tax Impact of Additional Energy Costs and RORA	O = (M + N) x 31%	602,001			
Revised Regulated Earnings	P = L + M + N + O	\$ 12,922,692	V = P/S	8.50%	
Average Regulated Common Equity per 2019 FS	Q	\$152,614,404			
After Tax Adjustment of Murphy Report Adjustment @ 50%	R = (M + N + O) x 50%	(669,969)			
Revised Common Equity	S = Q + R	151,944,435	W = S / U	39.23%	
Average Total Debt per 2019 FS	Т	235,414,037	X = T / U	60.77%	
Revised Average Total Debt & Equity	U	\$387,358,472	=	100.00%	

While 2020 started out on a similar trend to 2019, the onset of the COVID-19 pandemic in mid-March had a dramatic impact on the Island economy and electricity sales growth dropped accordingly. Sales in 2020 were 4.7 per cent below plan. Had the Company increased the gross energy costs flowing through ECAM by the energy costs saved from the reduced sales volume in addition to recording lower base energy costs at the actual NPP, the Company would have recorded \$5.4 million less in energy expenses.

Maritime Electric

As illustrated in Table 4, lower energy costs of \$5.4 million would have resulted in the Company recording a corresponding RORA adjustment of \$5.0 million in 2020 and increased regulated earnings by \$0.3 million (after factoring in the income tax impact), thereby achieving the Company's maximum Regulated ROE of 9.35 per cent.

Comparison of A	- ctual 2020 Financial	Γable 4 Results to 2004 Μ	lurphy Repo	ort Adjustment	
2020 ECAM Reconciliation		Maritime Electric		Murphy	Understatement of Net Energy Costs Expensed
Actual Gross Energy Costs	Α	\$129,519,544		\$ 129,519,544	
Insurance, Property Tax and Training not included in ECAM	В	(904,732)		(904,732)	
Lepreau and DSM Amortization	С	221,047		221,047	
Total Costs Applicable for ECAM	D = A + B + C	128,835,859	•	128,835,859	•
Adjustment re: Murphy Report	E	-		5,405,587	
	F = D + E	\$128,835,859	•	\$ 134,241,446	•
Total NPP (kWh)	G	1,391,802,56 6		1,391,802,566	
ECAM Base Rate	Н	\$ 0.09161		\$ 0.09161	
Total Base Energy Costs	I = G x H	\$127,503,033	•	\$ 127,503,033	
Difference Between Actual and Base	J = F - I	1,332,826		6,738,413	5,405,587
Net Energy Costs per IS	K = J - A	\$128,186,718		\$ 122,781,131	\$ (5,405,587)
Regulated Earnings per 2020 Financial Statements	L	\$ 14,382,353			
Decrease in Energy Costs per Murphy Report	М	5,405,587			
Adjustment to RORA	N	(5,025,000)			
Tax Impact of Additional Energy Costs and RORA	O = (M + N) x 31%	(117,982)			
Revised Regulated Earnings	P = L + M + N + O	\$ 14,762,940	V = P / S	9.35%	
Average Regulated Common Equity per 2020 FS	Q	\$157,695,640	•		•
After Tax Adjustment of Murphy Report Adjustment @ 50%	R = (M + N + O) x 50%	190,294			
Revised Common Equity	S = Q + R	157,885,934	W = S / U	39.26%	
Average Total Debt per 2020 FS	Т	244,291,569	X = T / U	60.74%	
Revised Average Total Debt and Equity	U	\$401,177,503		100.00%	

(UE20603) Comprehensive Review of the Energy Cost Adjustment Mechanism to Commission Staff

Maritime Electric

Approved basic customer rates are set based on recovering energy costs at the ECAM Base Rate. The ECAM, as it currently operates, adjusts energy costs due to volume changes in kWh sales by recording energy expenses at the actual NPP incurred multiplied by the ECAM Base Rate, thereby ensuring a proper matching of revenue and expense. Changing the mechanism to exclude gross energy costs due to sales volume changes while still recording base energy costs at the actual NPP results in double counting variances in energy costs due to volumetric changes in sales, as first demonstrated in the Table 2. Additionally, Tables 3 and 4 further demonstrate how changing the mechanism in this manner would introduce improper matching of revenue and expense and result in earnings volatility for the Company and customer electricity rate instability.

- IR-3 With respect to Account 7415 MICF Government-Owned Miscellaneous Labour & Expense, the account description indicates that costs incurred in the maintenance of Government-owned facilities associated with the Maritime Interconnection are included in this account.
 - a. Please explain why this account cannot be appropriately budgeted and included in base rates
 - b. Please provide further justification for the inclusion of this account in the ECAM.

Response:

a. Account 7415 captures all costs associated with operating and maintaining the four Government-owned submarine cables, which is required by the cable interconnection lease agreements. Such operating and maintenance costs include: (i) the cable interconnection debt collection payments; (ii) NB schedule 9 charges; (iii) contributions to the cable contingency fund; and (iv) cable inspections and testing costs, and repairs and maintenance costs. For customer rate setting purposes, the annual forecast costs are included in the ECAM Base Rate calculation and recovered annually in customer basic rates. As a result, only variances outside the Company's control are captured in the ECAM balance on the Company's balance sheet.

Cable Interconnection Debt Collection Payments

The cable interconnection debt collection payments are fixed for the current five year term, March 1, 2017 to February 28, 2022, of the PEI-NB Interconnection Facilities Debt Collection Agreement (the "Agreement"). However, under the terms of the Agreement, the debt collection renewal rates will be adjusted to incorporate any changes required to the allocation of cost to the City of Summerside and Maritime Electric (i.e., the collection ratios), changes in the interest rate available to the PEIEC, and any shortfall in collections due to other input changes during the term of the agreement.

The debt collection payment also includes contributions to a sinking fund that may be adjusted when the debt collection agreement is renewed¹⁵. The Company's next General Rate Application ("GRA") will be for a three-year rate setting period beginning on March 1, 2022. The debt collection payments for that three-year period will not be known prior to the filing of the GRA and the debt collection payments will likely change during that three-year period. Furthermore, the Company has no control over the extent to which the debt collection payments may change. To ensure the Company has a fair opportunity to recover the debt collection payment amount, variances in that amount should continue to be included in the ECAM.

NB Schedule 9 Charges

The NB Schedule 9 charge is incurred monthly under the current terms of the NB Power Open Access Transmission Tariff ("OATT"). The NB Schedule 9 charge is an operating, maintenance and administration ("OM&A") related carrying charge and includes both direct and indirect OM&A expense and taxes. Maritime Electric incurs a NB Schedule 9

The current term of the agreement will expire on February 28, 2022.

charge related to the direct assignment interconnection facility at Cape Tormentine. Similar to Maritime Electric's OATT, the NB Power OATT is updated regularly to ensure that the OATT rates are fair and reasonable. Hence, the amounts charged are subject to changes and Maritime Electric has no control over the timing or amount of changes to the tariff. To the extent that NB Power experiences a material change in its OM&A charges, it is reasonable to assume that it would request and receive approval for a change to the NB Schedule 9 charge to recover those costs. To ensure the Company has a fair opportunity to recover NB Schedule 9 charges, variances in that amount should continue to be included in the ECAM.

Contributions to the Cable Contingency Fund

Under the terms of the PEI-NB Interconnection Lease Agreement, Maritime Electric is required to remit \$375,000 annually to the PEIEC for a Cable Contingency Fund (the "Fund") until the balance of the fund reaches \$5.0 million¹⁶. The Fund will be held in trust with interest by the Prince Edward Island Energy Corporation ("PEIEC") for Capital Replacements up to the amount of the fund.

While there is limited risk that the annual contribution will change, the Company recommends that all costs related to the submarine cables, including the contribution to the Fund, continue to be recorded in account 7415.

Cable Testing and Inspections, Repairs and Maintenance Costs

The four submarine cables are in the Northumberland Strait which experiences harsh weather conditions. The Company budgets annually for inspections¹⁷ and electrical testing for the cables on a rotational basis. It is difficult; however, to accurately predict the cost to remediate issues that may be uncovered through the inspection process.

The Northumberland Strait also experiences high volumes of marine traffic from small fishing vessels to large cargo and cruise ships. In December 1997, a potato vessel dragged its anchor across one of the original cables and severed the connection. The resulting repairs took several weeks to complete and the costs were significant. In this incident, the repairs were covered by Maritime Electric's insurance¹⁸; however, any insurance claim is susceptible to denial and there could be instances where such an incident would not be covered by insurance.

In 2012, a leak in one of the original submarine cables resulted in significant repair and remediation costs over the course of two years. The majority of the costs were approved for recovery from the Cable Contingency Fund. However, not all costs were recovered and as a result, significant variances¹⁹ from budget were incurred by the Company and flowed through the ECAM account.

Based on Maritime Electric's contributions to the fund from 2013 to date, it is expected that the fund will reach the \$5.0 million balance in 2027, depending on the outcome of the Maritime Electric's Complaint filed under Section 12.5 of the OATT filed with the Commission on February 3, 2021.

Inspections require hiring highly experienced diving teams to perform visual inspections of the cables for undermining (exposed areas under the cables), areas of the cables where the top is exposed, leaks in the oil system for Cables 1 and 2, etc.

¹⁸ Under the terms of the lease agreements in place, the Company is required to insure the cables at replacement

In 2012, actual costs were \$389,000 or 1,435 per cent higher than budget and in 2013 actual costs were \$401,000 or 1,375 per cent higher than budget.

Maritime Electric

As demonstrated by the above examples, there is a significant uncertainty in forecasting the cost of testing, inspecting, repairing and maintaining the submarine cables. To ensure the Company has a fair opportunity to recover these costs, variances should continue to be included in the ECAM.

b. Maritime Electric does not own the four submarine cables. However, under the terms of the cable lease agreements, Maritime Electric shall operate, maintain and repair the cables in accordance with Good Utility Practice. In urgent or emergency situations, without Owner consultation and prior approval, Maritime Electric shall respond with operating, maintenance and repair actions. This obligation creates an uncertainty around budget amounts, and as outlined in the response to part a. of this interrogatory, and a potential variance, could have a material impact on customer rates or the Company's earnings. For these reasons, Account 7415 – M.I.C.F. Government-Owned Miscellaneous Labour & Expense should remain in ECAM.



IR-2 - Attachment 1



JUL JUG-JUG K WOLL JOK SC. JOK #45.

January 5, 2005

Island Regulatory and Appeals Commission 501 – 134 Kent Street, PO Box 577 Charlottetown, PE C1A 7L1

Dear Sirs;

Re: Murphy Report

This is in response to Mr. John Murphy's report "Evaluation of Maritime Electric Company Limited Proposed Energy Cost Adjustment Mechanism" dated December 28, 2004.

Identification of Expense Categories Qualifying Within ECAM

In his review, Mr. Murphy proposes that a number of expense classifications that Maritime Electric has included within ECAM should be excluded from the calculation and included in recovery from Basic Rates. In his conclusion (p.25) Mr. Murphy notes:

"Although it is recognized that during the 2001 – 2003 timeframe MECL was allowed to include all of the other costs within the ECAM, it would be inconsistent with other jurisdictions to allow such costs to form part of the ECAM in the long term. The regulator has many options regarding how it might make the change from the previous practice to a more theoretically correct future."

While Maritime Electric does not necessarily agree with Mr. Murphy's view on what expense classifications should be included in ECAM, it does agree with his observations that the Company's proposal should be viewed as a transitional one, to be reviewed when the Company files its next application for rates, currently expected to be in early 2006. Accordingly, Maritime Electric proposes that Mr. Murphy's comments in this regard be deferred for consideration at that time, and that the Company's proposal be viewed as a transitional mechanism.

.../2



IR-2 - Attachment 2

Cost Due to Volume-Level Changes in Total Purchased Power

On Page 21 of his report, Mr. Murphy asserts that as a result of energy sales being above budget, Maritime Electric's proposed ECAM will see a double recovery of \$670,665 in 2004. Maritime Electric believes Mr. Murphy to be in error in his conclusion; however, in order to enable the Company to close its books for 2004, Maritime Electric is prepared to expense that amount in its 2004 accounts.

Yours truly,

MARTIME ELECTRIC

J. W. Geldert

Vice President, Finance & Chief Financial Officer

JWG03

Maritime Electric Company, Limited Mionthly Report

to

Island Regulatory and Appeals Commission December 2004

- Balance Sheet
- Statement of Earnings
- Cash Flow
- Retained Earnings & Long-Term Debt Schedule
- Statement of Revenue
- Statement of Operating Expenses
- Statement of General Expenses
- Statement of Capital Projects
- Analysis of Kilowatt Hour Sales and Unit Revenue
- Statement of Purchased and Produced Energy Costs
- Ratio Analyses

Maritime Electric Balance Sheet December 31, 2004 (unaudited)

	This Year	Last Year	Change
ASSETS			
Fixed Assets			
Property, plant and equipment	317,099,121	293,006,862	24,092,259
Less: Accumulated amortization	108,237,863	101,711,427	6,526,430
Less recurrence anotherway	208,861,258	191,295,435	17,565,823
Other Long-Term Assets			
Costs recoverable from customers	10 700 000	70.701.400	(1.02.1.74)
Loss recoverable from customers Investment in FortisUS Energy	19,508,989	20,783,600	(1,274,61)
Deferred charge	15,296,022 3,361,739	15,296,022	/520.00
Deferred charge		3,922,033	(560,29
Current Assets	38,166,750	40,001,655	(1,834,905
Cash	91,832	259 900	7267 A17
Accounts receivable	75,705,842	358,449	(266,61)
Trending receivable	2,500,000	14,969,219	736,623 2,500,000
Creeke engangerable from gueromers - current			2,500,000 86,081
		3 2/5 7/7	ου,υο.
Materials and supplies	3,331,829	3,245,747	
Materials and supplies	3,331,829 414,469	412,757	1,71
Costs recoverable from customers – current Marerials and supplies Prepaid expenses. SHAREHOLDER'S EQUITY AND LIABILITIES	3,331,829		1,712 3,057,800 18,788,718
Materials and supplies Prepaid expenses SHAREHOLDER'S EQUITY AND LIABILITIES Shareholder's Equity	3,331,829 414,469 22,043,972 269,071,980	412,757 18,986,172 250,283,262	1,712 3,057,800
Materials and supplies Prepaid expenses SHAREHOLDER'S EQUITY AND LIABILITIES Shareholder's Equity Common shares	3,331,829 414,469 22,043,972 269,071,980 31,100,681	412,757 18,986,172 250,283,262 31,100,681	1,712 3,057,800 18,788,718
Materials and supplies Prepaid expenses SHAREHOLDER'S EQUITY AND LIABILITIES Shareholder's Equity	3,331,829 414,469 22,043,972 269,071,980 31,100,681 68,815,964	412,757 18,986,172 250,283,262 31,100,681 61,636,565	1,712 3,057,800 18,788,718 7,179,399
Materials and supplies Prepaid expenses SHAREHOLDER'S EQUITY AND LIABILITIES Shareholder's Equity Common shares Retained earnings	3,331,829 414,469 22,043,972 269,071,980 31,100,681 68,815,964 99,916,645	412,757 18,986,172 250,283,262 31,100,681 61,636,565 92,737,246	1,712 3,057,800 18,788,718
Materials and supplies Prepaid expenses SHAREHOLDER'S EQUITY AND LIABILITIES Shareholder's Equity Common shares Retained earnings Lung-Term Debt	3,331,829 414,469 22,043,972 269,071,980 31,100,681 68,815,964	412,757 18,986,172 250,283,262 31,100,681 61,636,565	1,712 3,057,800 18,788,718 7,179,399
Materials and supplies Prepaid expenses SHAREHOLDER'S EQUITY AND LIABILITIES Shareholder's Equity Common shares Retained carmings Long-Term Debt Other Long-Term Liabilities	3,331,829 414,469 22,043,972 269,071,980 31,100,681 68,815,964 99,916,645	412,757 18,986,172 250,283,262 31,100,681 61,636,565 92,737,246	1,712 3,057,800 18,788,718 7,179,399
Materials and supplies Prepaid expenses SHAREHOLDER'S EQUITY AND LIABILITIES Shareholder's Equity Common shares Retained earnings Long-Term Debt Other Long-Term Liabilities Employee future benefits	3,331,829 414,469 22,043,972 269,071,980 31,100,681 68,815,964 99,916,645 92,000,000 7,644,333	412,757 18,986,172 250,283,262 31,100,681 61,636,565 92,737,246 92,000,000 6,802,940	1,712 3,057,800 18,788,718 7,179,399 7,179,399 841,392
Materials and supplies Prepaid expenses SHAREHOLDER'S EQUITY AND LIABILITIES Shareholder's Equity Common shares Retained earnings Long-Term Debt Other Long-Term Liabilities Employee future benefits Future income taxes	3,331,829 414,469 22,043,972 269,071,980 31,100,681 68,815,964 99,916,645 92,000,000 7,644,333 17,999,894	412,757 18,986,172 250,283,262 31,100,681 61,636,565 92,737,246 92,000,000 6,802,940 18,499,694	1,712 3,057,800 18,788,718 7,179,399 7,179,399 841,392 (499,800
Materials and supplies Prepaid expenses SHAREHOLDER'S EQUITY AND LIABILITIES Shareholder's Equity Common shares Retained earnings Long-Term Debt Other Long-Term Liabilities Employee future benefits Future income taxes	3,331,829 414,469 22,043,972 269,071,980 31,100,681 68,815,964 99,916,645 92,000,000 7,644,333 17,999,894 11,287,317	412,757 18,986,172 250,283,262 31,100,681 61,636,565 92,737,246 92,000,000 6,802,940 18,499,694 11,091,535	1,711 3,057,800 18,788,718 7,179,399 7,179,399 841,391 (499,800 195,782
Materials and supplies Prepaid expenses SHAREHOLDER'S EQUITY AND LIABILITIES Shareholder's Equity Common shares Retained earnings Long-Term Debt Other Long-Term Liabilities Employee future benefits Future income taxes Contributions	3,331,829 414,469 22,043,972 269,071,980 31,100,681 68,815,964 99,916,645 92,000,000 7,644,333 17,999,894	412,757 18,986,172 250,283,262 31,100,681 61,636,565 92,737,246 92,000,000 6,802,940 18,499,694	1,711 3,057,800 18,788,718 7,179,399 7,179,399 841,391 (499,800 195,782
Materials and supplies Prepaid expenses SHAREHOLDER'S EQUITY AND LIABILITIES Shareholder's Equity Common shares Retained earnings Long-Term Debt Other Long-Term Liabilities Employee future benefits Future income taxes Contributions Current Liabilities	3,331,829 414,469 22,043,972 269,071,980 31,100,681 68,815,964 99,916,645 92,000,000 7,644,333 17,999,894 11,287,317 36,931,544	412,757 18,986,172 250,283,262 31,100,681 61,636,565 92,737,246 92,000,000 6,802,940 18,499,694 11,091,535 36,394,169	1,71: 3,057,800 18,788,718 7,179,399 7,179,399 (499,800 195,78: 537,379
Materials and supplies Prepaid expenses SHAREHOLDER'S EQUITY AND LIABILITIES Shareholder's Equity Common shares Retained earnings Long-Term Debt Other Long-Term Liabilities Employee future benefits Future income taxes Contributions Current Liabilities Short-term borrowings	3,331,829 414,469 22,043,972 269,071,980 31,100,681 68,815,964 99,916,645 92,000,000 7,644,333 17,999,894 11,287,317 36,931,544 22,065,000	412,757 18,986,172 250,283,262 31,100,681 61,636,565 92,737,246 92,000,000 6,802,940 18,499,694 11,091,535 36,394,169 12,100,000	1,712 3,057,806 18,788,718 7,179,399 7,179,399 7,179,399 (499,806 195,782 537,379
Materials and supplies Prepaid expenses SHAREHOLDER'S EQUITY AND LIABILITIES Shareholder's Equity Common shares Retained earnings Long-Term Debt Other Long-Term Liabilities Employee future benefits Future income taxes Contributions Current Liabilities Short-term borrowings Future income taxes	3,331,829 414,469 22,043,972 269,071,980 31,100,681 68,815,964 99,916,645 92,000,000 7,644,333 17,999,894 11,287,317 36,931,544 22,065,000 2,169,000	412,757 18,986,172 250,283,262 31,100,681 61,636,565 92,737,246 92,000,000 6,802,940 18,499,694 11,091,535 36,394,169 12,100,000 1,173,000	1,712 3,057,806 18,788,718 7,179,399 7,179,399 7,179,399 (499,806 195,782 537,375
Materials and supplies Prepaid expenses SHAREHOLDER'S EQUITY AND LIABILITIES Shareholder's Equity Common shares Retained earnings Long-Term Debt Other Long-Term Liabilities Employee future benefits Future income taxes Contributions Current Liabilities Short-term borrowings Future income taxes	3,331,829 414,469 22,043,972 269,071,980 31,100,681 68,815,964 99,916,645 92,000,000 7,644,333 17,999,894 11,287,317 36,931,544 22,065,000 2,169,000 15,989,791	412,757 18,986,172 250,283,262 31,100,681 61,636,565 92,737,246 92,000,000 6,802,940 18,499,694 11,091,535 36,394,169 12,100,000 1,173,000 15,878,847	1,712 3,057,806 18,788,718 7,179,399 7,179,399 7,179,399 (499,806 195,782 537,375 9,965,006 996,006 110,94
Materials and supplies Prepaid expenses SHAREHOLDER'S EQUITY AND LIABILITIES Shareholder's Equity Common shares Retained earnings Long-Term Debt	3,331,829 414,469 22,043,972 269,071,980 31,100,681 68,815,964 99,916,645 92,000,000 7,644,333 17,999,894 11,287,317 36,931,544 22,065,000 2,169,000	412,757 18,986,172 250,283,262 31,100,681 61,636,565 92,737,246 92,000,000 6,802,940 18,499,694 11,091,535 36,394,169 12,100,000 1,173,000	1,712 3,057,800 18,788,718 7,179,399

57.4% 42.6% 57.3% 42.7%

0.1%

-0.1%

Capital Structure as at Balance Sheet Date - PEI Forai Debt

Common Equity

Maritime Electric
Statement of Earnings
For the Twelve Months Ending December 31, 2004
(unaudited)

	,0	Current Month			Year to Date		12 Months to Date	to Date
	This Year	Budget	Last Year	This Year	Budget	Last Year	This Year	Budget
Gross Revenue	9,977,416	8,096,458	9,234,878	116,906,692	96,605,056	96,269,938	116,906,692	96,605,056
ECAM 2003 Recovery	1,333,350			(0,000,005,1)			(1,500,000)	l.
Net Revenue	11,310,766	8,096,458	9,234,878	115,406,692	96,605,056	96,269,938	115,406,692	96,605,056
Operating Expenses							:	
Energy costs	6,093,600	6,876,545	6,603,869	74,070,532	70,668,864	70,779,644	74,070,532	70,668,864
Ecam adjustment	1,134,349	(1,825,589)	(1,778,628)	(2,725,389)	(16,874,381)	(17,408,404)	(2,725,389)	(16,874,381)
Net energy costs	7,227,949	5,050,956	4,825,241	71,345,143	53,794,483	53,371,240	71,345,143	53,794,483
Transmission and distribution	259,207	224,277	335,281	2,659,484	2,720,711	2,663,230	2,659,484	2,720,711
General	1,228,251	817,225	1,583,018	9,799,569	9,081,862	9,518,415	6,799,569	9,081,862
	8,715,408	6,092,458	6,743,539	83,804,196	65,597,056	65,552,886	83,804,196	65,597,056
Amortization - other	16,691	46,691	78,381	560,294	560,294	940,574	560,294	560,294
Amortization - fixed assets	707,768	713,308	768,205	8,615,784	8,559,707	8,206,555	8,615,784	8,559,707
Operating Income	1,840,900	1,244,001	1,644,754	22,426,418	21,887,999	21,569,923	22,426,418	21,887,999
Financing Expenses				. :				
Long-term debt:	722,979	722,980	722,979	8,675,750	8,675,760	8,675,750	8,675,750	8,675,760
Short-term debt	62,786	82,909	54,561	512,496	838,000	606,650	512,496	838,000
Interest charged to construction	(4,841)	(129,980)	(56,701)	(531,861)	(797,000)	(260,671)	(531,861)	(797,000)
	780,923	675,909.	720,839	8,656,385	8,716,760	9,021,729	8,656,385	8,716,760
Earnings Before Income Taxes	1,059,976	568,092	923,915	13,770,034	13,171,239	12,548,194	13,770,034	13,171,239
Income taxes	418,673	228,000	348,876	5,590,635	5,290,000	5,370,627	5,590,635	5,290,000
Net Earnings	641,303	340,092	575,039	8,179,399	7,881,239	7,177,567	8,179,399	7,881,239
							Villa:	

Maritime Electric Statement of Cash Flows For the Twelve Months Ending December 31, 2004 (unaudited)

Tems not affecting cash Amortization 8,615,784 8,206,555 Amortization 0.600,294 940,575 Future income taxes 496,200 (885,920 Accrued employee future benefits 841,393 929,195 18,693,070 16,367,961		This Year	Last Year
Net Earnings 8,179,399 7,177,567 Items not affecting cash 36,615,784 8,206,553 Amortization - other 560,294 940,575 Future income taxes 496,200 (885,920 Accrued employee future benefits 18,693,070 16,367,966 Current assets (824,417) 416,122 Current liabilities 110,945 3,571,555 Cash Flows from (used in) Investing Activities 17,979,598 20,355,642 Costs recoverable from customers (1,225,389) (859,567) Fixed assets 19,559 (1,144) Fixed assets (26,806,148) (16,529,574) Cash Flows from (used in) Financing Activities (26,806,148) (16,529,574) Cash Flows from (used in) Financing Activities 9,965,000 (3,125,000) Contributions 820,622 640,900 Dividends (1,000,000) 10,000,000 Increase (Decrease) in Cash (266,617) 482,418 Cash (Bank Indebtedness), Beginning of Period 358,490 (123,960) Cash (Bank Indebtedness), End of Period			
Tems not affecting cash Amortization 8,615,784 8,206,555 Amortization - other 560,294 940,575 Future income taxes 496,200 (885,920 Accrued employee future benefits 841,393 929,195 Current assets (824,417 416,127 Current liabilities 110,945 3,571,555 Cash Flows from (used in) Investing Activities 17,979,598 20,355,645 Cash Flows from (used in) Investing Activities 19,559 (1,144 Fixed assets (26,806,448) (16,529,575 Cash Flows from (used in) Financing Activities (28,031,837) (17,389,136 Cash Flows from (used in) Financing Activities (26,806,448) (16,529,575 Cash Flows from (used in) Financing Activities (26,806,448) (16,529,575 Cash Flows from (used in) Financing Activities (26,806,448) (16,529,575 Cash Flows from (used in) Financing Activities (26,806,448) (16,529,575 Cash Flows from (used in) Financing Activities (26,806,448) (16,529,575 Cash Flows from (used in) Financing Activities (26,806,448) (16,529,575 Cash Flows from (used in) Financing Activities (26,806,448) (16,529,575 Cash Flows from (used in) Financing Activities (26,806,448) (16,529,575 Cash Flows from (used in) Financing Activities (26,806,448) (16,529,575 Cash Flows from (used in) Financing Activities (26,806,448) (16,529,575 Cash Flows from (used in) Financing Activities (26,806,448) (16,529,575 Cash Flows from (used in) Financing Activities (26,806,448) (16,529,575 Cash Flows from (used in) Financing Activities (26,806,448) (16,529,575 Cash Flows from (used in) Financing Activities (26,806,448) (16,529,575 Cash Flows from (used in) Financing Activities (26,806,448) (16,529,575 Cash Flows from (used in) Financing Activities (26,806,448) (16,529,575 Cash Flows from (used in) Financing Activities (26,806,448) (26,806,448) (26,806,448) (26,806,448) (26,806,448) (26,806,448) (26,806,448) (26,806,448) (26,806,448) (26,806,	Cash Flows from (used in) Operating Activities		
Amortization 8,615,784 8,206,55 Amortization - other 560,294 940,57 Future income taxes 496,200 (885,920 Accrued employee future benefits 841,393 929,19 Current assets (824,417) 416,12 Current liabilities 110,945 3,571,55 Cash Flows from (used in) Investing Activities (1,225,389) (859,564 Costs recoverable from customers (1,225,389) (859,564 Fixed assets 19,559 (1,14 Fixed assets (26,806,448) (16,529,57-4) Cash Flows from (used in) Financing Activities (28,031,837) (17,389,136) Cash Flows from (used in) Financing Activities (26,806,448) (16,529,57-4) Change in short-term borrowings 9,965,000 (3,125,006) Contributions 820,622 640,905 Dividends (1,000,000) (2,484,095) Increase (Decrease) in Cash (266,617) 482,418 Cash (Bank Indebtedness), Beginning of Period 358,449 (123,966) Cash (Bank Indebtedness), End of Period	Net Earnings	8,179,399	7,177,567
Amortization 8,615,784 8,206,55 Amortization - other 560,294 940,57 Future income taxes 496,200 (885,920 Accrued employee future benefits 841,393 929,19 Current assets (824,417) 416,12 Current liabilities 110,945 3,571,55 Cash Flows from (used in) Investing Activities (1,225,389) (859,564 Costs recoverable from customers (1,225,389) (859,564 Fixed assets 19,559 (1,14 Fixed assets (26,806,448) (16,529,57-4) Cash Flows from (used in) Financing Activities (28,031,837) (17,389,136) Cash Flows from (used in) Financing Activities (26,806,448) (16,529,57-4) Change in short-term borrowings 9,965,000 (3,125,006) Contributions 820,622 640,905 Dividends (1,000,000) (2,484,095) Increase (Decrease) in Cash (266,617) 482,418 Cash (Bank Indebtedness), Beginning of Period 358,449 (123,966) Cash (Bank Indebtedness), End of Period	Items not affecting cash		
Amortization - other 560,294 940,575 Future income taxes 496,200 (885,920) Accrued employee future benefits 841,393 929,191 18,693,070 16,367,961 Current assets (824,417) 416,122 Current liabilities 110,945 3,571,55 Cash Flows from (used in) Investing Activities 17,979,598 20,355,649 Costs recoverable from customers (1,225,389) (859,567) Fixed assets (26,806,448) (16,529,574) Fixed assets (26,806,448) (16,529,574) Cash Flows from (used in) Financing Activities 28,031,837) (17,389,136) Cash Flows from (used in) Financing Activities 820,622 640,905 Contributions 820,622 640,905 Dividends (1,000,000) 9,785,622 (2,484,095) Increase (Decrease) in Cash (266,617) 482,418 482,418 Cash (Bank Indebtedness), Beginning of Period 358,449 (123,968) Cash (Bank Indebtedness), End of Period 91,832 358,450		8,615,784	8,206,555
Future income taxes 496,200 (885,926) Accrued employee future benefits 841,393 929,192 18,693,070 16,367,968 Current assets (824,417) 416,127 Current liabilities 110,945 3,571,556 Cash Flows from (used in) Investing Activities 17,979,598 20,355,649 Cash Flows from (used in) Investing Activities (1,225,389) (859,567) Fixed assets 19,559 (1,144) Fixed assets (26,806,448) (16,529,574) Cash Flows from (used in) Financing Activities (28,031,837) (17,389,136) Cash Flows from (used in) Financing Activities 9,965,000 (3,125,000) Contributions 820,622 640,905 Contributions 820,622 640,905 Dividends (1,000,000) 9,785,622 (2,484,005) Increase (Decrease) in Cash (266,617) 482,418 626,617 482,418 Cash (Bank Indebtedness), Beginning of Period 358,449 (123,968) 626,617 482,418 626,617 482,418 626,617 482,41	Amortization - other		940,574
Accrued employee future benefits 841,393 929,192 Current assets 18,693,070 16,367,968 Current liabilities 110,945 3,571,55 Cash Flows from (used in) Investing Activities 17,979,598 20,355,649 Cash Flows from (used in) Investing Activities (1,225,389) (859,562 Fixed assets 19,559 (1,14-1) Fixed assets (26,806,448) (16,529,57-1) Cash Flows from (used in) Financing Activities (28,031,837) (17,389,130-1) Cash Flows from (used in) Financing Activities 9,965,000 (3,125,000-1) Contributions 820,622 640,903-10 Dividends (1,000,000) 9,785,622 (2,484,093-10) Increase (Decrease) in Cash (266,617) 482,418-10 Cash (Bank Indebtedness), Beginning of Period 358,449 (123,968-10) Cash (Bank Indebtedness), End of Period 91,832 358,456-10 Additional Information 91,832 358,456-10	Future income taxes	The state of the s	(885,920)
Current liabilities (824,417) 416,12° Current liabilities 110,945 3,571,554 Cash Flows from (used in) Investing Activities 17,979,598 20,355,649 Costs recoverable from customers (1,225,389) (859,567) Fixed assets 19,559 (1,14-1) Fixed assets (26,806,448) (16,529,574) Cash Flows from (used in) Financing Activities (28,031,837) (17,389,136) Change in short-term borrowings 9,965,000 (3,125,000) Contributions 820,622 640,905 Dividends (1,000,000) 97,785,622 (2,484,095) Increase (Decrease) in Cash (266,617) 482,418 Cash (Bank Indebtedness), Beginning of Period 358,449 (123,968) Cash (Bank Indebtedness), End of Period 91,832 358,450	Accrued employee future benefits	841,393	929,192
Current liabilities 110,945 3,571,556 Cash Flows from (used in) Investing Activities 17,979,598 20,355,649 Costs recoverable from customers (1,225,389) (859,562) Fixed assets 19,559 (1,144) Fixed assets (26,806,448) (16,529,574) Cash Flows from (used in) Financing Activities (28,031,837) (17,389,136) Change in short-term borrowings 9,965,000 (3,125,000) Contributions 820,622 640,905 Dividends (1,000,000) 9,785,622 (2,484,095) Increase (Decrease) in Cash (266,617) 482,418 Cash (Bank Indebtedness), Beginning of Period 358,449 (123,968) Cash (Bank Indebtedness), End of Period 91,832 358,450	· · · · · · · · · · · · · · · · · · ·	18,693,070	16,367,968
Cash Flows from (used in) Investing Activities (1,225,389) (859,564) Costs recoverable from customers (1,225,389) (859,562) Fixed assets (26,806,448) (16,529,574) Fixed assets (28,031,837) (17,389,136) Cash Flows from (used in) Financing Activities (28,031,837) (17,389,136) Contributions 820,622 640,905 Contributions 820,622 640,905 Dividends (1,000,000) Increase (Decrease) in Cash (266,617) 482,418 Cash (Bank Indebtedness), Beginning of Period 358,449 (123,968) Cash (Bank Indebtedness), End of Period 91,832 358,450 Additional Information	Current assets	(824,417)	416,127
Cash Flows from (used in) Investing Activities (1,225,389) (859,560,560,560,560,560,560,560,560,560,560	Current liabilites		3,571,554
Costs recoverable from customers (1,225,389) (859,562 Fixed assets 19,559 (1,14-1) Fixed assets (26,806,448) (16,529,57-1) Cash Flows from (used in) Financing Activities (28,031,837) (17,389,136) Change in short-term borrowings 9,965,000 (3,125,000) Contributions 820,622 640,905 Dividends (1,000,000) 9,785,622 (2,484,095) Increase (Decrease) in Cash (266,617) 482,418 Cash (Bank Indebtedness), Beginning of Period 358,449 (123,968) Cash (Bank Indebtedness), End of Period 91,832 358,450 Additional Information		17,979,598	20,355,649
Costs recoverable from customers (1,225,389) (859,562 Fixed assets 19,559 (1,14-1) Fixed assets (26,806,448) (16,529,57-1) Cash Flows from (used in) Financing Activities (28,031,837) (17,389,136) Change in short-term borrowings 9,965,000 (3,125,000) Contributions 820,622 640,905 Dividends (1,000,000) 9,785,622 (2,484,095) Increase (Decrease) in Cash (266,617) 482,418 Cash (Bank Indebtedness), Beginning of Period 358,449 (123,968) Cash (Bank Indebtedness), End of Period 91,832 358,450 Additional Information	Cash Flows from (used in) Investing Activities		
Fixed assets 19,559 (1,14- Fixed assets (26,806,448) (16,529,57- (28,031,837) (17,389,136- Cash Flows from (used in) Financing Activities 9,965,000 (3,125,006- Contributions 820,622 640,905- Dividends (1,000,000) 9,785,622 (2,484,095- Increase (Decrease) in Cash (266,617) 482,418- 482,418- Cash (Bank Indebtedness), Beginning of Period 358,449 (123,968- Cash (Bank Indebtedness), End of Period 91,832 358,450- Additional Information Additional Information 482,418-		(1 225 389)	(859 562)
Fixed assets (26,806,448) (16,529,574) (28,031,837) (17,389,136) Cash Flows from (used in) Financing Activities 9,965,000 (3,125,000) Contributions 820,622 640,905 Dividends (1,000,000) 9,785,622 (2,484,095) Increase (Decrease) in Cash (266,617) 482,418 Cash (Bank Indebtedness), Beginning of Period 358,449 (123,968) Cash (Bank Indebtedness), End of Period 91,832 358,450 Additional Information Additional Information 266,801 266,801			
Cash Flows from (used in) Financing Activities Change in short-term borrowings 9,965,000 (3,125,000 Contributions 820,622 640,905 Dividends (1,000,000) Increase (Decrease) in Cash (266,617) 482,418 Cash (Bank Indebtedness), Beginning of Period 358,449 (123,968 Cash (Bank Indebtedness), End of Period 91,832 358,450 Additional Information		· · · · · · · · · · · · · · · · · · ·	
Change in short-term borrowings 9,965,000 (3,125,000 Contributions 820,622 640,905 Dividends (1,000,000) Increase (Decrease) in Cash (266,617) 482,418 Cash (Bank Indebtedness), Beginning of Period 358,449 (123,968 Cash (Bank Indebtedness), End of Period 91,832 358,450 Additional Information Additional Information	1 1200, 100000	<u> </u>	(17,389,136)
Change in short-term borrowings 9,965,000 (3,125,000 Contributions 820,622 640,905 Dividends (1,000,000) Increase (Decrease) in Cash (266,617) 482,418 Cash (Bank Indebtedness), Beginning of Period 358,449 (123,968 Cash (Bank Indebtedness), End of Period 91,832 358,450 Additional Information Additional Information	Control Planes Come Accord to A 12 miles and a Audataba		
Contributions 820,622 640,905 Dividends (1,000,000) 9,785,622 (2,484,095 Increase (Decrease) in Cash (266,617) 482,418 Cash (Bank Indebtedness), Beginning of Period 358,449 (123,968 Cash (Bank Indebtedness), End of Period 91,832 358,450 Additional Information Additional Information 10,000,000		0.025.000	(2:1.05.000)
Dividends (1,000,000) 9,785,622 (2,484,095) Increase (Decrease) in Cash (266,617) 482,418 Cash (Bank Indebtedness), Beginning of Period 358,449 (123,968) Cash (Bank Indebtedness), End of Period 91,832 358,450 Additional Information Additional Information 358,450			
Increase (Decrease) in Cash (266,617) 482,418 Cash (Bank Indebtedness), Beginning of Period 358,449 (123,968 Cash (Bank Indebtedness), End of Period 91,832 358,450 Additional Information Additional Information 358,450		•	040,905
Increase (Decrease) in Cash Cash (Bank Indebtedness), Beginning of Period Cash (Bank Indebtedness), End of Period Odditional Information (266,617) 482,418 (123,968) (123,968) 482,418 (123,968) (1	Dividends		(2:484:095)
Cash (Bank Indebtedness), Beginning of Period 358,449 (123,968) Cash (Bank Indebtedness), End of Period 91,832 358,450 Additional Information	1. 1/2 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7,, 00,022	(=,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Cash (Bank Indebtedness), Beginning of Period 358,449 (123,968) Cash (Bank Indebtedness), End of Period 91,832 358,450 Additional Information	Increase (Decrease) in Cash	(266,617)	482,418
Cash (Bank Indebtedness), End of Period 91,832 358,450 Additional Information		the state of the s	(123,968)
			358,450
	Additional Information		
		(624,840)	(622,145)

Maritime Electric

Statement of Retained Earnings For the Twelve Months Ending December 31, 2004 and Schedule of Long-Term Debt December 31, 2004

Earnings applicable to common shares 8,179,399 7 Dividends Paid 1,000,000 68,815,964 61	458,998 177,567
Earnings applicable to common shares 8,179,399 7 Dividends Paid 1,000,000 Balance at the end of the period 68,815,964 61	
Dividends Paid 1,000,000 68,815,964 61 Balance at the end of the period 68,815,964 61	177.567
Balance at the end of the period 68,815,964 61	
	636,565
Schedule of Long-Term Debt	636,565
First Mortgage Bonds.	
	000,000
	000,000
	000,000
	000,000
	000,000

92,000,000

92,000,000

Maritime Electric
Statement of Revenue
For the Twelve Months Ending December 31, 2004
(unaudited)

•)	Current Month			Year to Date		12 Months to Date	to Date
Description	This Year	Budget	Last Year	This Year	Budget	Last Year	This Year	Budget
Electric Revenue Residential	4,806,272	3.998.500	3.824.925	55,131,900	46.594.700	44.696.080	55.131.900	46.594.700
Central Service 1	3,392,207	2,851,700	2,726,549	41,108,523	35,068,100	34,052,552	41,108,523	35,068,100
General Service II	52,845	42,000	41,953	616,468	525,400	511,583	616,468	525,400
Small Industrial	576,565	382,200	440,325	6,881,656	5,123,100	5,295,720	6,881,656	5,123,100
Large Industrial	735,980	626,600	606,705	9,371,910	7,946,700	7,919,204	9,371,910	7,946,700
Street and Yard Lighting	137,508	116,300	112,694	1,625,184	1,412,200	1,317,644	1,625,184	1,412,200
Unmetered	18,787	13,700	14,738	190,168	138,900	148,780	190,168	138,900
	9,720,165	8,031,000	7,767,889	114,925,811	96,809,100	93,941,563	114,925,811	96,809,100
Transmission	46,161	45,000	43,875	503,376	494,900	604,811	503,376	494,900
Other							:	
Penalty Revenue	36,932	33,800	38,324	433,505	385,900	405,454	433,505	385,900
Service Connections	34,628	31,300	33,333	425,857	424,800	409,406	425,857	424,800
Miscellaneous Revenue	139,530	39,900	1,005,094	618,145	449,300	1,562,341	618,145	449,300
	211,090	105,000	1,076,750	1,477,506	1,260,000	2,377,201	1,477,506	1,260,000
Gross Revenue	9,977,416	8,181,000	8,888,514	116,906,692	98,564,000	96,923,574	116,906,692	98,564,000
Cóst of Capitál LCAM 2003 Recovery	1,333;350	(84,542)	346,364	(1,500,000)	(1,958,944)	(653,636)	(1;500,000)	(1,958,944)
Total Revenue	11,310,766	8,096,458	9,234,878	115,406,692	96,605,056	96,269,938	115,406,692	96,605,056

Maritime Electoric Statement of Operating Expenses For the Twelve Months Ending December 31, 2004 (unaudited)

		Current Month			Year to Date		12 Months to Date	to Date
Description	This Year	Budget	Last Vear	This Year	Budger	Last Year	This Year	Budget
Purchased Energy Costs NB Power.	3,611,295	2,903,353	3,886,043	42,802,529	33,145,744	33.161.614	42 802 529	33 145 744
Бтега	166,005	1,188,703	214,605	3,852,294	13,105,875	8,642,428	3,852,294	13,105,875
Point Lepreau	262'968	865,678	1,070,764	11,395,973	10,084,364	10,565,072	11,395,973	10,084,364
Dalhousic	887,486	769,471	772,905	9,980,107	9,004,257	10,593,469	9,980,107	9,004,257
Wind and Other	206,992	322,409	220,279	2,282,106	2,939,789	1,383,027	2,282,106	2,939,789
	5,768,575	6,049,614	6,164,596	70,313,010	68,280,029	64,345,610	70,313,010	68,280,029
On-Island Production Costs Generation Fuel Bunker	83.03	672.742	187.736	1.505 786	03.7.07.3	3,847,040	705 903 6	646 947
Diesel	23,522	4,323	4,704	174,425	51,645	163,389	174,425	51.645
Operating and Maintenance	218,472	149,866	246,832	2,077,391	1,664,148	2,422,675	2,077,391	1,664,148
	325,026	826,931	439,272	3,757,522	2,388,835	6,434,034	3,757,522	2,388,835
Grass Finergy Costs	6,093,600	6,876,545	6,603,869	74,070,532	70,668,864	70,779,644	74,070,532	70,668,864
EÇAM Adjustment	1,134,349	(1,825,589)	(1,778,628)	(2,725,389)	(16,874,381)	(17,408,404)	(2,725,389)	(16,874,381)
Net-Energy Costs	7,227,949	5,050,956	4,825,241	71,345,143	53,794,483	53,371,240	71,345,143	53,794,483
Transmission and Distribution	;							
Maintenance Substations:	8,338	7,754	7,857	87,385	92,630	83,128	87,385	92,630
Kights of Way	40,671	25,998	80,518	440,369	829,009	504,160	440,269	829,009
Lines	105,354	84,595	166,587	1,136,589	1,010,421	1,141,135	1,136,589	1,010,421
Fills (control Dayless)	0,13/	15,265	9,553	84,274	93,486	103,379	84,274	93,486
L'ansiormers	41,267	39,960	28,496	479,764	477,056	448,797	479,764	177,056
Merers	36,623	10,217	16,535	156,563	162,698	151,275	156,563	162,698
Communication System	6,875	9,035	8,931	110,344	107,947	95,048	110,34.1	107,947
Supervisory Scada System	3,930	12,853	4,393	58,751	64,674	19,040	58,751	64,674
tingneering 1.1.	10,011	18,600	12,410	104,049	111,121	87,269	104,049	111,121
wascellancous Labor and Expense				1,496			1,496	
Total	259,207	775,422	335,281	2,659,484	2,720,711	2,663,230	2,659,484	2,720,711

Maritime Electric
Statement of General Expenses
For the Twelve Months Ending December 31, 2004
(unaudited)

		Current Month			Year to Date		12 Months	to Date
Description	This Year	Budget	Last Year	This Year	Budget	Last Year	This Year Budg	Budget
Ceneral Dapenses								
Supervision and Management	551,548	327,876	818,051	4,001,602	3.661.628	3 892 347	4 001 602	8CY 177 E
Administrative Support and General Administrat	31,087	85,766	106,187	871.324	1.011.940	004 619	871 334	1,011,010
Customer Service Support	42,738	50,412	53,495	545,988	602 205	572 070	545 088	046,110,1
Meter Reading	54,995	54,522	50,575	562,354	626,110	555 905	562,254	626 140
Insurance	46,596	45,026	40,528	593,870	537,947	562 507	503.870	517.047
Property Taxes	191,082	136,849	137,443	1,619,962	1.634.994	1585 263	3 610 062	163,003
Directors' Fees	3,496	30,000	1,743	160,464	145,000	168 602	160 JAN 041	1 15,000
Professional Services	71,716	34,076	329,943	381,053	381:739	638 545	381 053	381 730
Uncollectible Accounts	173,833	9,709	12,665	264,685	115.991	144 319	289 790	115,001
Regulatíon	45,031	19,240	27,825	646,416	210,000	336	646.416	210,000
General Property Expenses (net)	16,131	23,749	4,562	151,851	154,308	183,903	151.851	154.308
Total	1,228,251	817,225	1,583,018	9,799,569	9,081,862	9,518,415	9,799,569	9.081.862

Maritime Electric Statement of Capital Projects For the Twelve Months Ending December 31, 2004 (unaudited)

Description	Current Month	Year to Date	Budget	Percent of Budget Spent
Production				
10001 - CTGS Building and Services Projects	2,656	82,076	159,000	51.62%
10002 - CTGS Boiler Projects	16,387	423,290	534,000	
10003 - CTGS Turbine Generator Projects	374,153	941,923	950,000	
10163 - CTGS Gas Turbine	2,648,797	9,620,462	220,000	99.1370
20004 - BGS Projects	.55,089	110,617	232,000	47,68%
, ,	3,097,082	11,178,368	1,875,000	
Transmission and Distribution				
70200 - Replacements Storms, Road Alterations	7.0,085	469,415	453,000	103.62%
70202 - Distribution Transformers	51,308	2,058,997	1,856,000	
70203 - Services and Street Lighting	185,288	2,283,118	1,708,000	
70204 - Line Extensions	(8,081)	1,025,802	1,014,000	133,67% 101,16%
70205 - Line Rebuilds	173,877	2,434,961	2,044,000	
	472,477	8,272,293	7,075,000	119.13% 116.92%
Less Contributions	147,388	(820,622)	(725,000)	113.19%
	619,865	7,451,671	6,350,000	117.35%
	015,000	13.002,012	0,550,000	X # 11.55710
70206 - System Meters	99,390	505,608	379,000	133.41%
70207 - T & D Equipment	110,917	539,440	580,000	93.01%
70209 - Communications	10,914	151,847		
70210 - T & D Projects	(23)	24,402		
70220 - Substation Projects	259	1,137	1,120,000	0.10%
80219 - Transmission Projects	128,369	1,295,370	1,166,000	111.10%
	969,691	9,969,475	9,595,000	103.90%
Corporate.				
90130 - Corporate Services	1,439	151,083	149,000	101.40%
90131 - Hardware Aquisitions	11,367	114,833	122,000	94.13%
90132 - Customer Network Development	2,613	7,276	63,000	11.55%
90133 - Software Development and Upgrades	17,166	157,013	180,000	87.23°%
90134 - Mapping and GIS	(646)	90,305	107,000	84.40%
90136 - Energy Purchase System	2,529	50,929	25,000	203.72%
90138 - Field Efficiency	5,902	38,471	63,000	61.07%
90139 - Billing System Upgrades	7,444	60,765	52,000	116.86%
90141 - Transportation Equipment	81,998	556,926	611,000	91.15° o
• • • • • • • • • • • • • • • • • • • •	129,812	1,227,601	1,372,000	89.48%
Total Capital	4,196,585	22,375,444	12,842,000	174.24%
General Expense Capitalized	162,489	1,538,836	1,484,000	103.70%
Interest Charged to Construction	4,841	531,861	196,000	271.36%
	4,363,915	24,446,141	14,522,000	168.34%

Maritime Electric
Analysis of Kilowatt Hour Sales and Unit Revenue
For the Twelve Months Ending December 31, 2004
(unaudited)

		Current Month			Year to Date		2004
	This Year	Budget	Last year	This Year	Budget	Last year	Budget
Kilowatt Hour Sales							
Residential	37,493,377	36,912,000	34,569,904	410,672,368	408,749,000	397,065,743	408,749,000
General Service I	28,606,290	28,524,000	26,707,170	341,516,960	341,266,000	339,781,566	341,266,000
General Service II	429,260	414,000	401,222	5,002,534	5,010,000	4,977,236	5,010,000
Small Industrial	5,588,242	4,304,000	4,940,138	67,411,630	57,858,000	61,034,366	57,858,000
Large Industrial	11,200,472	12,100,000	10,736,406	145,296,477	146,948,000	148,008,572	146,948,000
Street & Yard Lighting	458,736	450,000	445,042	5,419,342	5,320,000	5,300,494	5,320,000
Unmetered	135,804	132,000	118,634	1,446,346	1,298,000	1,315,469	1,298,000
Total Kilowatt Hour Sales	83,912,181	82,836,000	77,918,516	976,765,657	966,449,000	957,483,446	966,449,000
				11)		5.075	
Unit Revenue (\$0.0000)				746.		}	S-1
Residential	0.1282	0:1083	0.1106	0.1342	0.1140	0.1136	0.1140
General Service I	0.1186	0.1000	0.1021	0.1204	6,1028	0.1011	0.1028
General Service II	0.1231	0.1014	0.1046	0.1232	0.1049	0,1038	0.1049
Small Industrial	0.1032	0.0888	0.0891	0.1021	0.0885	0.0875	0.0885
Large Industrial	0.0657	0.0518	0.0565	0.0645	0.0541	0.0540	0.0541
Street & Yard Lighting	0.2998	0,2584	0.2532	0.2999	0.2655	0.2509	0.2655
Unmetered	0.1383	0.1038	0.1242	0.1315	0.1070	0.1141	0.1070
Total Average Unit Revenue	0.1158	0.0970	0.0997	0.1177	0.1002	0.0990	0.1002

Maritime Electric
Statement of Purchased and Produced Energy Costs
For the Twelve Months Ending December 31, 2004
(unaudited)

		Current Month			Year to Date		2004
	This Year	Budget	Last year	This Year	Budget	Last year	Budget
Purchased Energy (kWh) NB Power	61,490,000	39,542,000	56,209,000	645,266,000	462,564,000	543,461,000	462,564,000
Emera Point Lenreau	19 375 000	14,800,000	(600,000)	20,924,000 194,052,000	171,680,000	88,693,500	171,680,000
Dalhousie	13,128,000	13,601,000	13,234,000	151,211,000	152,833,500	141,828,000	152,833,500
Wind and Other	4,236,040	5,208,000	4,185,902	38,677,340	47,544,000	20,924,706	47,544,000
	98,229,040	92,430,000	93,332,902	1,050,130,340	1,044,243,000	1,009,177,206	1,044,243,000
On-Island Generation (kWh) Charlottetown Plant Gross	181,000	5,000,000	688,640	11,257,540	5,000,000	35,082,660	2,000,000
Station Service	(282,720)		(494,589)	(3,325,611)		(4,831,073)	
Net	(101,720)	5,000,000	194,051	7,931,929	5,000,000	30,251,587	5,000,000
Borden Plant Gross Station Service	68,000 (54,347)	500,000	15,000 (55,840)	887,000. (483,120)	500,000	977,000	200,000
Net	13,653	200,000	(40,840)	403,880	500,000	516,526	500,000
Total NPP Gross	98,478,040	000,086,79	94,036,542	1,062,274,880	1,049,743,000	1,045,236,866	1,049,743,000
Total NPP Net	98,140,973	97,930,000	93,486,113	1,058,466,149	1,049,743,000	1,039,945,319	1,049,743,000
Costs per kWh All Schirges (gran)	70,00	0.0203	0.0754	A OTO K	01700	300	
MR Power	0.0587	0.0784	0.0701	CD1/0.0	0.0073	0.0080	0.0679
Emera		0.0803	0.3577	0.0603	0.0763	0.0010	71/0.0
Point Lepreau	0.0487	0.0473	0.0550	0:0616	0.0508	0.0519	0.0508
Dalhousie	0.0676	0.0566	0.0584	0.0660	0.0589	0.0747	0.0589
Wind and Other	0.0489	0.0619	0.0526	0.0590	0.0618	0.0661	0.0618
Charlottetown Plant	-2.8027	0.1640	2.1228	0.4358	0.4613	0.2036	0.4613
Borden Plant	2.9247	0.0138	-0.6694	0.7442	0.1651	0.5318	0.1651

Maritime Electric Ratio Analyses For the Twelve Months Ending December 31, 2004 (unaudited)

	Year to Date	12 MTD Average
Capital Structure Total Debt	114,065,000	109,082,500
Common Equity	84,620,623	81,030,924
	198,685,623	190,113,424
Percent Total Debt Common Equity	57.4% -42.6%	57.4% 42.6%
	.100:0%	100.0%
Return on Capital Interest on Debt Net Earnings	9,188,246 8,179,399	9,188,246 8,179,399
Cost of Total Debt Return on Equity		8.4% 10.1%
Interest Coverage - SP Interest Coverage - TD	2.60 3.88	2.60 3.88