ATCO Electric
YUKON

May 1, 2023

Ms. Deana Lemke
Executive Assistant
Yukon Utilities Board
P.O. Box 31728
Whitehorse, Yukon Y1A 6L3

Dear Ms. Lemke:

Re: ATCO Electric Yukon (AEY)
2022 Annual Filing and Financial Statements

In accordance with the Public Utilities Act, please find the following information attached:

a. Utility Income and Rate of Return
b. Computation of Net Rate Base
c. Schedule of Allowance for Working Capital
d. Reconciliation of Utility Income to Net Earnings
e. Analysis of Depreciation Reserve
f. Cost of Capital Calculation
g. Property, Plant and Equipment
h. Signed Affidavit
i. List of Officers and Directors
j. Audited Financial Statements
k. Key Performance Indicators

If you have any questions, please contact me at tony.martino@atco.com.

Yours truly,

Tony Martino
Senior Manager, Regulatory

THE YUKON ELECTRICAL COMPANY LIMITED
(O/A ATCO ELECTRIC YUKON)
UTILITY INCOME AND RATE OF RETURN
For The Year Ended December 31, 2022
($000s)

Revenue			86,998
	Less:	Non-Utility Revenue	-
UTILITY REVENUE			86,998
Costs and Expenses			72,265
Less:	Non Allowables		50
	Non-Utility O&M		-
	Non Utility Income Taxes		(36)
			14
Add:	Depreciation		7,343
	Income Taxes		798
	Amortization of Contribution for Extensions		(2,033)
	Amortization of Deferred Costs		200
			6,308
UTILITY EXPENSE			78,559
UTILITY INCOME			8,440
NET RATE BASE			114,483
RATE OF RETURN			7.37%

THE YUKON ELECTRICAL COMPANY LIMITED
(O/A ATCO ELECTRIC YUKON)
COMPUTATION OF NET RATE BASE
For The Year Ended December 31, 2022
($000s)

PROPERTY PLANT AND EQUIPMENT		
BALANCE AT December 31, 2022		288,931
Add:	Regulatory Assets	1,480
Less:	Accumulated Depreciation	110,152
	Construction Work-in-Progress	16,513
		126,666
NET BALANCE AT YEAR END		163,746
Add:	Previous Year's Balance	154,560
TOTAL		318,306
MID-YEAR BALANCE		159,153
Add:	Allowance for Working Capital	4,937
Less:	Mid-Year Contribution	47,746
Add:	Mid-year Deferred Charges/Credits	(1,861)
NET RATE BASE		114,483

THE YUKON ELECTRICAL COMPANY LIMITED
(O/A ATCO ELECTRIC YUKON)
SCHEDULE OF ALLOWANCE FOR WORKING CAPITAL
For The Year Ended December 31, 2022
($000s)

Operations and Maintenance	71,990
Add: Other Taxes	275
Less: Non-Allowables and Non-Utility O&M	50
Net O&M	72,215
O&M Lag Days	4
Operating Expenses Working Capital	823
Tax installments	(764)
Income Tax Installment Lag Days	22
Tax Installments Working Capital	(46)
Income taxes receivable (payable)	722
Tax Receivable Lag Days	204
Taxes Payable Working Capital	404
Inventory (Three year average)	3,102
GST Impact on working capital	184
Return - Long Term Debt	3,126
Combined Long Term Debt Lag Days	(52)
Long Term Debt Working Capital	(445)
Return - 50% of Common Equity	2,925
Dividend Lag Days	(4)
Common Equity (Dividend) Working Capital	(32)
Return - 50% of Common Equity	2,925
Depreciation Lag Days	42
Common Equity (Retained Earnings) Working Capital	337
Net Depreciation	5,310
Depreciation Lag Days	42
Depreciation Working Capital	611
TOTAL WORKING CAPITAL	4,937

THE YUKON ELECTRICAL COMPANY LIMITED
(O/A ATCO ELECTRIC YUKON)
RECONCILIATION OF UTILITY INCOME TO NET EARNINGS
For The Year Ended December 31, 2022
($000s)

UTILITY INCOME		8,440
Add: Non-Utility Income:		
	Allowance for Funds Used During Construction	652
	Short Term Interest from Parent	92
	MDL Fair Value Adjustment	(16)
	Non-Regulated Revenues	-
		728
	Sub-Total	9,168
Less: Non-Utility Expenses:		
	Interest to Parent	3,253
	Non Regulated Expenses	-
	Other Interest	32
	Non Allowables	50
Sub-Total		5,833
Add: Income Tax Adjustment:		
	Income Tax Adjustments	36
ADJUSTED EARNINGS		5,869

THE YUKON ELECTRICAL COMPANY LIMITED
(O/A ATCO ELECTRIC YUKON)
ANALYSIS OF DEPRECIATION RESERVE
For The Year Ended December 31, 2022
($000s)

BALANCE - DECEMBER 31, 2021		105,177
Add:	Depreciation - Operating Expense	7,343
	Depreciation - Other	211
		112,731
Less:	Retirements	1,754
	Other	874
BALANCE - December 31, 2022		110,102

THE YUKON ELECTRICAL COMPANY LIMITED
(O/A ATCO ELECTRIC YUKON)
COST OF CAPITAL CALCULATION
For The Year Ended December 31, 2022
(%)

	CAPITAL RATIO	COST	RETURN COMPONENT
LONG TERM DEBT	60.13	4.54	2.73
PREFERRED SHARES	-	-	-
COMMON SHARES AND RETAINED EARNINGS	38.87	11.94	4.64
NO COST CAPITAL	1.00		-
	100.0		7.37

THE YUKON ELECTRICAL COMPANY LIMITED
(O/A ATCO ELECTRIC YUKON)
PROPERTY, PLANT & EQUIPMENT - DECEMBER 31, 2022

Function	Major Account	Major Description	Minor Account	Minor Description	User Defined	User Defined Description	01-Jan-22	Net Additions	Retirements	31-Dec-22
Corporate	TLND	LAND	38900	LAND	000000	DEFAULT	300,338	-	-	300,338
	TBDG	BUILDINGS	39000	STRUCTURES AND IMPROVEMENTS	000000	DEFAULT	5,229,380	19,843	-	5,249,223
	TOTH	OTHER PLANT EQUIPEMNT AND MACHINERY	39100	OFFICE FURNITURE AND EQUIPMEN	000000	DEFAULT	294,062	14,282	(5,995)	302,349
	TOTH	OTHER PLANT EQUIPEMNT AND MACHINERY	39110	COMPUTER HARDWARE & VOICE AI	000000	DEFAULT	103,171	3,345	(30,808)	75,708
	TOTH	OTHER PLANT EQUIPEMNT AND MACHINERY	39230	TRANSPORTATION EQUIPMENT, FLI	000000	DEFAULT	2,716,667	40,305	-	2,756,972
	TOTH	OTHER PLANT EQUIPEMNT AND MACHINERY	39220	TRANSPORTATION EQUIPMENT, FLI	000000	DEFAULT	2,759,117	716,437	(519,872)	2,955,682
	TOTH	OTHER PLANT EQUIPEMNT AND MACHINERY	39240	TRANSPORTATION EQUIPMENT, FLI	000000	DEFAULT	231,503	-	-	231,503
	TOTH	OTHER PLANT EQUIPEMNT AND MACHINERY	39400	TOOLS, SHOP, GARAGE, STORES A	000000	DEFAULT	1,698,653	144,529	(55,900)	1,787,282
	TOTH	OTHER PLANT EQUIPEMNT AND MACHINERY	36210	SYSTEM COMMUNICATION & CONTF	S48600	SYSTEM COMMUNICATION & CONTRC	1,458,879	2,530	(1,977)	1,459,432
	TBDG	BUILDINGS	39001	STRUCTURES AND IMPROVEMENTS	000000	DEFAULT	453,734	-	-	453,734
	ISFT	SOFTWARE	39122	COMPUTER SOFTWARE AND APPLI(	S49602	NEWCIS(ATCOCIS)	213,053	-	-	213,053
	ISFT	SOFTWARE	39122	COMPUTER SOFTWARE AND APPLI(	S49605	ORACLE	108,888	-	-	108,888
	ISFT	SOFTWARE	39122	COMPUTER SOFTWARE AND APPLI(	S49628	ORACLE HRXELLENCE	-	-	-	-
	ISFT	SOFTWARE	39122	COMPUTER SOFTWARE AND APPLI(	S49652	WINDOWS 7 UPGRADE	111,224	-	-	111,224
	ISFT	SOFTWARE	39122	COMPUTER SOFTWARE AND APPLI(	000000	DEFAULT	549,490	(43,863)	-	505,627
	ISFT	SOFTWARE	39122	COMPUTER SOFTWARE AND APPLI(	S49798	DEFAULT	-	-	-	-
	IOTH	OTHER INTANGIBLE ASSETS	30300	INTANGIBLE OTHER	S49550	FISH LAKE WATER LICENCE	2,312,647	-	-	2,312,647
	IOTH	OTHER INTANGIBLE ASSETS	30300	INTANGIBLE OTHER	49300	DEMAND SIDE MANAGEMENT	923,000	-	-	923,000
	IOTH	OTHER INTANGIBLE ASSETS	30200	FRANCHISES AND CONSENTS	000000	DEFAULT	-	-	-	-
Total for Corporate							19,463,806	897,408	(614,552)	19,746,662
Distribution	TLND	LAND	36000	LAND	000000	DEFAULT	23,373	-	-	23,373
	ILRT	LAND RIGHTS	36010	LAND RIGHTS	000000	DEFAULT	2,094,701	65,932	-	2,160,633
	TEDI	ELECTRICITY DISTRIBUTION	36400	POLES, TOWERS AND FIXTURES	000000	DEFAULT	50,732,361	3,947,797	(86,970)	54,593,188
	TEDI	ELECTRICITY DISTRIBUTION	36500	OVERHEAD CONDUCTORS AND DE\	000000	DEFAULT	28,109,950	818,884	(35,566)	28,893,269
	TEDI	ELECTRICITY DISTRIBUTION	36510	OVERHEAD SERVICES	000000	DEFAULT	4,658,943	600,259	(7,517)	5,251,684
	TEDI	ELECTRICITY DISTRIBUTION	36700	UNDERGROUND CONDUCTOR AND	000000	DEFAULT	33,262,424	1,942,788	(107,405)	35,097,808
	TEDI	ELECTRICITY DISTRIBUTION	36710	UNDERGROUND SERVICES	000000	DEFAULT	5,505,853	793,281	(7,849)	6,291,285
	TEDI	ELECTRICITY DISTRIBUTION	37000	CONVENTIONAL METERS	000000	DEFAULT	1,935,090	80,882	(8,384)	2,007,587
	TEDI	ELECTRICITY DISTRIBUTION	37000	CONVENTIONAL METERS	S47620	METERING EQUIPMENT	967,205	-	(1)	967,204
	TEDI	ELECTRICITY DISTRIBUTION	37100	AUTOMATED METERS	000000	DEFAULT	104,616	69,679	(596)	173,699
	TEDI	ELECTRICITY DISTRIBUTION	36200	STATION EQUIPMENT	S47710	NON FENCED SUBSTATION EQUIPMEI	4,618,189	114,346	(39,644)	4,692,891
	TEDI	ELECTRICITY DISTRIBUTION	36200	STATION EQUIPMENT	S47711	NON FENCED SUBSTATION TRANSFO	767,866	-	-	767,866
	TEDI	ELECTRICITY DISTRIBUTION	36200	STATION EQUIPMENT	S47720	SUBSTATION BUILDINGS	482,176	-	-	482,176
	TEDI	ELECTRICITY DISTRIBUTION	36200	STATION EQUIPMENT	S47730	SUBSTATION FENCES	32,718	-	-	32,718
	TEDI	ELECTRICITY DISTRIBUTION	36200	STATION EQUIPMENT	S47740	FENCED SUBSTATION EQUIPMENT	813,550	-	-	813,550
	TEDI	ELECTRICITY DISTRIBUTION	36200	STATION EQUIPMENT	S47741	FENCED SUBSTATION TRANSFORMEI	757,218	-	-	757,218
	TEDI	ELECTRICITY DISTRIBUTION	37300	STREET LIGHTS	000000	DEFAULT	13,337,644	381,370	(43,614)	13,675,400
	TEDI	ELECTRICITY DISTRIBUTION	37310	SENTINEL LIGHTS	000000	DEFAULT	285,984	-	(646)	285,338
	TEDI	ELECTRICITY DISTRIBUTION	36800	LINE TRANSFORMERS	000000	DEFAULT	37,669,340	3,124,512	-	40,793,853
	TEDI	ELECTRICITY DISTRIBUTION	36800	LINE TRANSFORMERS	S47910	INVENTORY RECLASS TRANSFORMEI	1,144,807	-	-	1,144,807
Total for Distribution							187,304,009	11,939,731	(338,193)	198,905,547
Generation	TLND	LAND	33000	LAND	000000	DEFAULT	20,912	-	-	20,912
	TPHY	POWER GENERATION HYDROELECTRIC	33100	STRUCTURES AND IMPROVEMENTS	000000	DEFAULT	1,875,642	-	-	1,875,642
	TPHY	POWER GENERATION HYDROELECTRIC	33200	RESERVOIRS, DAMS AND WATERW.	000000	DEFAULT	7,749,899	4,824	(4,793)	7,749,931
	TPHY	POWER GENERATION HYDROELECTRIC	33300	WATER WHEELS, TURBINES AND GI	000000	DEFAULT	4,261,464	11,003	(6,855)	4,265,613
	TPHY	POWER GENERATION HYDROELECTRIC	33400	ACCESSORY ELECTRIC EQUIPMENT	000000	DEFAULT	151,242	-	-	151,242
	TPHY	POWER GENERATION HYDROELECTRIC	33500	MISCELLANEOUS POWER PLANT EC	000000	DEFAULT	101,619	33,659	(24,664)	110,614
	TLND	LAND	34020	INT COMBUST LAND	000000	DEFAULT	7,130	-	-	7,130
	TPGF	POWER GENERATION GAS FIRED	34120	INT COMBUST STRUCTURES	000000	DEFAULT	6,137,246	-	(13,931)	6,123,315
	TPGF	POWER GENERATION GAS FIRED	34220	INT COMBUST FUEL HOLDERS, PRC	000000	DEFAULT	3,436,818	9,730	(8,911)	3,437,637
	TPGF	POWER GENERATION GAS FIRED	34320	INT COMBUST GENERATORS	000000	DEFAULT	18,440,335	2,893,161	(741,491)	20,592,005
	TPGF	POWER GENERATION GAS FIRED	34520	INT COMBUST ACCESSORY	000000	DEFAULT	5,155,128	-	-	5,155,128
	TPGF	POWER GENERATION GAS FIRED	34620	INT COMBUST MISCELLANEOUS	000000	DEFAULT	1,084,657	34,388	(855)	1,118,189
	TPGF	POWER GENERATION GAS FIRED	34720	RENEWABLES	SI0000	RENEWABLES	3,499,179	32,878	-	3,532,057
Total for Generation							51,921,272	3,019,643	(801,500)	54,139,415
Transmission	TLND	LAND	35000	LAND	000000	DEFAULT	(37,868)	-	-	(37,868)
	TETR	ELECTRICY TRANSMISSION	35300	STATION EQUIPMENT	S45710	STATION EQUIPMENT - MISC & INSTAI	1,144,289	-	-	1,144,289
Total for Transmission							1,106,421	-	-	1,106,421
Grand Total							259,795,507	15,856,783	(1,754,245)	273,898,044

STATUTORY DECLARATION

IN THE MATTER OF A REPORT REQUIRED BY
SECTION 84 OF THE YUKON PUBLIC UTILITIES ACT
BY K.S. TRUNZO, VICE PRESIDENT, CONTROLLER, ATCO ELECTRIC AND
C.M SEVERSON, VICE PRESIDENT, REGULATORY, ATCO ELECTRIC,
OF
THE YUKON ELECTRICAL COMPANY LIMITED O/A ATCO ELECTRIC YUKON
(the "Corporation")
(in thousands of dollars)

WE SOLEMNLY DECLARE THAT:

1. For 2022, the Net Rate Base for the Corporation was $114,453.

2. As of December 31, 2022, the total capitalization of the Corporation was $120,243 with a mid-year weighted average cost of 7.37%.

3. The revenues for the Corporation for the period from January 1, 2022 to December 31, 2022 were as follows:

Retail Sales	$ 84,470
Other Revenue	2,529
TOTAL	$ 86,999

4. Dividends paid by the Corporation for the period January 1, 2022 to December 31, 2022 were $2,900.

5. The operating and maintenance costs of the Corporation for the period from January 1, 2022 to December 31, 2022 were $15,030.

6. The Corporation estimates the following costs for new works, extensions and improvements during the current year:

Generating Plants	$ 14,594
Distribution Projects	14,058
Renewables	11,173
General Property & Equipment	2,546
TOTAL	$ 42,371

WE MAKE THIS SOLEMN DECLARATION CONSCIENTIOUSLY BELIEVING IT TO BE TRUE AND KNOWING THAT IT IS OF THE SAME FORCE AND EFFECT AS IF MADE UNDER OATH.

Severally declared before me)
at the City of Edmonton)
in the Province of Alberta)
this 26 day of April, 2023.)

K.S. (Kirsten) Trunzo

JESSE PARKES
BARRISTER & SOLICITOR

Severally declared before me)
at the City of Edmonton)
in the Province of Alberta)
this 26 day of April, 2023.)

C.M. (Corinne) Severson

JESSE PARKES
BARRISTER & SOLICITOR

ATCO Electric Yukon (formally The Yukon Electrical Company Limited)
List of Directors and Officers

Company Name

ATCO Electric Yukon (formally The Yukon Electrical Company Limited)
100-1100 Front Street
Whitehorse, Yukon Y1A 3T4

Board of Directors

Melanie L. Bayley
Brian P. Shkrobot
Nancy C. Southern

Officers

Nancy C. Southern, Chair & Chief Executive Officer;
Melanie L. Bayley, President;
Brian P. Shkrobot, Executive Vice President;
Kevin J. Burgemeister, Senior Vice President;
Jay T. Massie, Vice President;
Corinne M. Severson, Vice President;
Kirsten S. Trunzo, Vice President;
Kyle M. Brunner, Corporate Secretary; and
Rumdeep K. Basra, Assistant Corporate Secretary.