## ATIKOKAN HYDRO INC

**EXHIBIT 2** 

EB-2016-0056

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## **List of Attachments**

- 2 Attachment A: Atikokan Hydro Shared Services Agreement
- 3 Attachment B: Atikokan Hydro Federal and Provincial Income Tax Returns December 31,
- 4 2015
- 5 Attachment C: Atikokan Hydro 2011-2014 Final IESO CDM Results
- 6 Attachment D: PILS Model

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2.2.1 Rate Base

2.2.1.1 Rate Base Overview

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- 4 The rate base used for the purpose of calculating revenue requirement in this application is in
- 5 accordance with the Chapter 2 of the Filing Requirements for Electricity Distribution Rate
- 6 Applications issued by the Ontario Energy Board (Board) on July 14, 2016. As such, Atikokan
- 7 calculated the rate base as the average of the net capital balances at the beginning and the end
- 8 of the 2017 Test Year plus a working capital allowance, which is 7.5% of the sum of the cost of
- 9 power and controllable expenses. The net fixed assets include those distribution assets
- 10 associated with activities that enable the conveyance of electricity for distribution purposes.
- 11 Atikokan does not have any non-distribution assets. Controllable expenses include operations,
- maintenance, billing and collecting and administration expenses (OM&A) and property tax.
- OM&A expenses included in the revenue requirement are considered reasonable. The expenses
- include the costs of operating and maintaining Atikokan's distribution assets; the associated costs
- with metering and billing customers.
- 16 As determined appropriate by the OEB; Atikokan assumed an inflation rate of 1.95% where
- 17 expense increases were unknown or unpredicted.
- 18 In accordance with the Filing Requirements, Atikokan has provided its rate base continuity
- 19 schedule for years 2012 Board Approved, 2012 Actual, 2013 Actual, 2014 Actual, 2016 Bridge
- 20 Year and 2017 Test Year. All years provided are under MIFRS.
- 21 Atikokan is proposing recovery of 2017 Test Year OM&A costs, excluding Amortization,
- 22 PILs and Interest totaling \$1,097,396 and a rate base of \$3,420,196. The rate base has also been
- used to determine the proposed Revenue Requirement; see Exhibit 6 of this application.
- The calculation of the 2017 Test Year Rate Base amount is shown in the following tables:

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### Table 2-1a Rate Base

Rate Base and Working Capital Allowance						
	2017 Test Year (MIFRS)					
Opening Balance Gross Fixed Assets	6,441,645					
Ending Balance Gross Fixed Assets	6,947,717					
Average Balance Gross Fixed Assets		\$	6,694,681			
Opening Balance Accumulated Amortization	3,619,157					
Closing Balance Accumulated Amortization	3,676,042					
Average Balance Accumulated Amortization		\$	3,647,600			
Allowance For Working Capital 7.5%		\$	373,114			
Total Rate Base		\$	3,420,196			

**Table 2-1b Working Capital Calculation** 

Working Capital Calculation	
	2017 Test Year (MIFRS)
Operations	376,877
Maintenance	120,741
Billing and Collecting	184,336
Administrative and General Expenses	415,442
Taxes other than Income Taxes (Property Tax)	20,007
Total Eligible Distribution Expenses	1,117,403
Cost of Power	3,857,454
Total Expenses for Working Capital	4,974,857
Working Capital Factor	7.5%
Total Working Capital Allowance	\$373,114

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- 6 Below Atikokan has provided a summary of its rate base calculations for the years 2012 Board
- 7 Approved, 2012 Actual. 2013 Actual, 2014 Actual, 2015 Actual, 2016 Bridge Year, and 2017 Test
- 8 Year in Table 2-2. Atikokan's last rebasing was for 2012 rates and filed under MIFRS and as
- 9 such the historical through test year data provided will be provided under MIFRS.
- 10 Year over Year variance analysis follows Table 2-2.

Table 2-2 Rate Base Trend

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SUMMARY OF RATE BASE	2012 Board Approved	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2016 Bridge Year	2017 Test Year
Opening Balance Gross Fixed Assets		5,224,251	5,483,253	5,791,257	5,972,922	6,152,522	6,441,645
Ending Balance Gross Fixed Assets		5,483,329	5,791,257	5,972,922	6,152,522	6,441,645	6,947,717
Average Gross Fixed Assets	5,438,424	5,353,790	5,637,255	5,882,090	6,062,722	6,297,084	6,694,681
Opening Balance Accumulated Depreciation		3,043,622	3,240,222	3,400,591	3,320,273	3,449,565	3,619,157
Ending Balance Accumulated Depreciation		3,240,222	3,400,591	3,320,273	3,449,565	3,619,157	3,676,042
Average Accumulated Depreciation	3,117,866	3,141,922	3,320,407	3,360,432	3,384,919	3,534,361	3,647,600
Average Net Fixed Assets	2,320,558	2,211,868	2,316,849	2,521,658	2,677,803	2,762,723	3,047,082
Working Capital	3,192,948	3,250,989	3,460,237	3,588,396	5,052,500	4,895,097	4,974,857
Working Capital Allowance	478,942	487,648	519,036	538,259	757,875	367,132	373,114
Total Rate Base	\$2,799,500	\$2,699,516	\$2,835,884	\$3,059,917	\$3,435,678	\$3,129,855	\$3,420,196

SUMMARY OF WORKING CAPITAL CALCULATION	2012 Board Approved	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2016 Bridge Year	2017 Test Year
Distribution Expenses - Operations	345,329	148,936	242,278	256,339	313,354	356,607	376,877
Distribution Expenses - Maintenance	41,177	150,317	170,353	153,751	131,756	119,078	120,741
Billing and Collecting	150,191	162,936	250,641	180,534	186,154	178,483	184,336
Community Relations							
Administrative and General Expenses	493,303	621,329	387,923	309,327	422,985	461,045	415,442
Taxes other than Income Taxes (Property Tax)						19,624	20,007
Total Eligible Distribution Expenses	1,030,000	1,083,518	1,051,195	899,951	1,054,249	1,134,837	1,117,403
Cost of Power	2,162,948	2,167,471	2,409,042	2,688,445	3,998,251	3,760,260	3,857,454
Total Expenses for Working Capital	3,192,948	3,250,989	3,460,237	3,588,396	5,052,500	4,895,097	4,974,857
Working Capital Factor	15%	15%	15%	15%	15%	7.5%	7.5%
Total Working Capital Allowance	\$478,942	\$487,648	\$519,036	\$538,259	\$757,875	\$367,132	\$373,114

- The Rate Base for the 2017 Test Year has been forecasted to increase by \$290,341 or 8.50%
- 5 from the 2016 Bridge Year. The 2017 Test Year Rate Base has been forecasted to increase by
- 6 \$620,696 or 18.1%.

## Table 2-3 Working Capital

2012 Board Approved Rate Base Versus 2017 Test Year Rate Base	2012 Board Approved	2017 Test Year	Variance \$	Variance %
Opening Balance Gross Fixed Assets	, pp. c. c.	6,441,645	•	,,,
Ending Balance Gross Fixed Assets		6,947,717		
Average Gross Fixed Assets	5,438,424	6,694,681	1,256,257	18.8%
Opening Balance Accumulated Depreciation		3,619,157		
Ending Balance Accumulated Depreciation		3,676,042		
Average Accumulated Depreciation	3,117,866	3,647,600	529,734	14.5%
Average Net Fixed Assets	2,320,558	3,047,082	726,524	23.8%
Working Capital	3,370,408	4,974,857	1,604,449	32.3%
Working Capital Allowance	478,942	373,114	(105,828)	-28.4%
Total Rate Base	\$2,799,500	\$3,420,196	\$620,696	18.1%
Working Capital Factor	15.0%	7.5%		

The main reason attributable to this variance of the 2017 Test Year Rate Base increasing since 2 2012 Board Approved Rate Base, include the following:

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- Change (increase) in cost of power expense; 54.1% since the last Board Approved 2012
  Rate Base. This increase is for two reasons: One from rising cost of power rates and
  changes in global adjustment but also Atikokan's load has increased in the 2012 Cost of
  Service Application, driving up the total cost of power expense.
- Increase and additions to Atikokan's distribution system; average net fixed assets increased by \$745,504 since last Board Approved 2012 Rate Base. Atikokan has been trying to ensure capital distribution investments exceed the annual amortization expense.
- Current annual amortization expense is greater than the last Board Approved expense; driving up the average accumulated Depreciation, impacting Rate Base calculation. This is both due to the rapidly aging infrastructure but additional amortization expenses from capital expenditures superseding the annual amortization amount.
- Rate Base variances will be discussed in greater detail in this section. Explanations will be provided where the variances meet or exceed the materiality threshold of \$50,000.

Table 2-4 2016 vs 2017 Rate Base

2016 Bridge Year Rate Base Versus 2017 Test Year Rate Base	2016 Bridge Year	2017 Test Year	Variance \$	Variance %
Opening Balance Gross Fixed Assets	6,152,522	6,441,645	289,123	
Ending Balance Gross Fixed Assets	6,441,645	6,947,717	506,072	
Average Gross Fixed Assets	6,297,084	6,694,681	397,598	5.9%
Opening Balance Accumulated Depreciation	3,449,565	3,619,157	169,592	
Ending Balance Accumulated Depreciation	3,619,157	3,676,042	56,885	
Average Accumulated Depreciation	3,534,361	3,647,600	113,239	3.1%
Average Net Fixed Assets	2,762,723	3,047,082	284,359	9.3%
Working Capital	4,895,097	4,974,857	79,760	1.6%
Working Capital Allowance	367,132	373,114	5,982	1.6%
Total Rate Base	\$3,129,855	\$3,420,196	\$290,341	8.5%
Working Capital Factor	7.5%	7.5%		

- The Rate Base for the 2017 Test Year has been forecasted to increase by \$290,341 or 8.50%
- 2 from the 2016 Bridge Year.

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#### <u>Table 2-5 2015 vs 2016 Rate Base</u>

2015 Actual Rate Base Versus 2016 Bridge Year Rate Base	2015 Actual	2016 Bridge Year	Variance \$	Variance %
Opening Balance Gross Fixed Assets	5,972,922	6,152,522		
Ending Balance Gross Fixed Assets	6,152,522	6,441,645		
Average Gross Fixed Assets	6,062,722	6,297,084	234,362	3.7%
Opening Balance Accumulated Depreciation	3,320,273	3,449,565		
Ending Balance Accumulated Depreciation	3,449,565	3,619,157		
Average Accumulated Depreciation	3,384,919	3,534,361	149,442	4.2%
Average Net Fixed Assets	2,677,803	2,762,723	84,920	3.1%
Working Capital	5,052,500	4,895,097	(157,402)	-3.2%
Working Capital Allowance	757,875	367,132	(390,743)	-106.4%
Total Rate Base	\$3,435,678	\$3,129,855	-\$305,823	-9.8%
Working Capital Factor	15.0%	7.5%		

- 5 The total forecasted Rate Base in 2016 of \$3,149,855 is \$ 305,823 or 9.8% lower than 2015. This
- 6 is mainly a result of the change (reduction) of the working capital factor from 15% to 7.5%. The
- 7 default working capital factor rate of 7.5% is in accordance with OEB filing requirements.

#### <u>Table 2-6 2014 vs 2015 Rate Base</u>

2014 Actual Rate Base Versus 2015 Actual Rate Base	2014 Actual	2015 Actual	Variance \$	Variance %
Opening Balance Gross Fixed Assets	5,791,257	5,972,922	Ψ	/0
	· · · · ·	· · ·		
Ending Balance Gross Fixed Assets	5,972,922	6,172,645		
Average Gross Fixed Assets	5,882,090	6,072,784	190,694	3.1%
Opening Balance Accumulated Depreciation	3,400,591	3,320,273		
Ending Balance Accumulated Depreciation	3,320,273	3,450,022		
Average Accumulated Depreciation	3,360,432	3,385,148	24,716	0.7%
Average Net Fixed Assets	2,521,658	2,687,636	165,979	6.2%
Working Capital	3,588,396	5,052,500	1,464,104	29.0%
Working Capital Allowance	538,259	757,875	219,616	29.0%
Total Rate Base	\$3,059,917	\$3,445,511	\$385,594	11.2%
Working Capital Factor	15.0%	15.0%		

1 The total Actual 2015 Rate Base of \$ 3,445,511 is \$ 385,594 or 11.2% greater than 2014.

### <u>Table 2-7 2013 vs 2014 Rate Base</u>

2013 Actual Rate Base Versus 2014 Actual Rate Base	2013 Actual	2014 Actual	Variance \$	Variance %
Opening Balance Gross Fixed Assets	5,483,253	5,791,257		
Ending Balance Gross Fixed Assets	5,791,257	5,972,922		
Average Gross Fixed Assets	5,637,255	5,882,090	244,835	4.2%
Opening Balance Accumulated Depreciation	3,240,222	3,400,591		
Ending Balance Accumulated Depreciation	3,400,591	3,320,273		
Average Accumulated Depreciation	3,320,407	3,360,432	40,026	1.2%
Average Net Fixed Assets	2,316,849	2,521,658	204,809	8.1%
Working Capital	3,460,237	3,588,396	128,159	3.6%
Working Capital Allowance	519,036	538,259	19,224	3.6%
Total Rate Base	\$2,835,884	\$3,059,917	\$224,033	7.3%
Working Capital Factor	15.0%	15.0%		

- 4 The total Actual 2014 Rate Base of \$3,059,917 is \$ 224,033 or 7.3% greater than 2013. The main
- 5 reasons for the variance is as follows:
  - Greater investment in distribution assets during 2014 compared to the prior year 2013,
  - Large asset disposal in 2014, reducing the accumulated amortization.

### Table 2-8 2012 vs 2012 Rate Base

2012 Board Approved Rate Base Versus 2012 Actual Rate Base	2012 Board Approved	2012 Actual	Variance \$	Variance %
Opening Balance Gross Fixed Assets		5,224,251		
Ending Balance Gross Fixed Assets		5,483,329		
Average Gross Fixed Assets	5,438,424	5,353,790	(84,634)	-1.6%
Opening Balance Accumulated Depreciation		3,043,622		
Ending Balance Accumulated Depreciation		3,240,222		
Average Accumulated Depreciation	3,117,866	3,141,922	24,056	0.8%
Average Net Fixed Assets	2,320,558	2,211,868	(108,690)	-4.9%
Working Capital	3,370,408	3,250,989	(119,419)	-3.7%
Working Capital Allowance	478,942	487,648	8,706	1.8%
Total Rate Base	\$2,799,500	\$2,699,516	-\$99,984	-3.7%
Working Capital Factor	15.0%	15.0%		

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- 1 The Actual Rate Base for 2012 (\$2,699,516) was \$99,984 or 3.7% lower than the 2012 Board
- 2 Approved Rate Base of \$2,799,500. The main reason for the variance Atikokan's rate base for
- 3 2012 included all historical smart meter assets, while the Board had only approved 50% of the
- 4 historically claimed costs in COS EB-2011-0293.

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#### Fixed Asset Continuity Schedules

- 7 In accordance with filing requirements, Board Appendix 2-BA for the 2012 Actual, 2013 Actual,
- 8 2014 Actual, 2015 Actual, 2016 Bridge and 2017 Test year have been completed and are included
- 9 below. These schedules present investments in capital assets, the associated accumulated
- amortization and the net book value for each Capital USoA Account and follow the MIFRS
- accounting standard. Atikokan made capitalization and depreciation changes in its last rebasing
- year (2012; EB-2011-0293) and has adopted IFRS financial reporting effective January 1, 2015.
- 13 Under the IFRS, customer contributions are no longer recorded in account 1995 Contributions
- and Grants but are recorded in account 2440 Deferred revenue, and amortization to revenue
- over the service life of the related asset. Board Account Procedures Handbook Article 430 states:
- 16 "For regulatory reporting and ratemaking purposes the deferred revenue arising from customer
- contributions is to be included as an offset to rate base and amortized to income over the useful
- life of the property plant and equipment to which it relates. This reclassification is necessary to
- 19 preserve continuity of the rate base for ratemaking purposes.' For this reason, Atikokan for the
- 20 purpose of Cost Allocation and continuity within this application, Atikokan included account 2440
- in the fixed assets continuity schedules. This is consistent with the Board's treatment.

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#### Appendix 2-BA

#### ATIKOKAN HYDRO INC.

#### Fixed Asset Continuity Schedule <sup>1</sup>

Accounting Standard MIFRS
Year 2012

						Cos	st				ΙL		Acc	umulated I	Depr	eciation				
CCA	OEB			Opening						Closing		Opening						Closing	١	et Book
Class 2		Description <sup>3</sup>		Balance	Ad	ditions 4	Di	isposals <sup>6</sup>		Balance	l L	Balance	Α	dditions	Dis	posals 6		Balance		Value
12	1611	Computer Software (Formally known as					١.		١.		Ш.		١.		١.		١.			
	-	Account 1925)	\$	178,186	\$	15,583	\$	-	\$	193,770	-\$	178,187	-\$	810	-\$	3,086	-\$	182,083	\$	11,687
CEC	1612	Land Rights (Formally known as Account							١.								١.		_	
A1/A	1005	1906)							\$	-	l ⊨						\$		\$	-
N/A 47	1805 1808	Land			_				\$	-	l ⊢		-				\$		\$	
13	1810	Buildings			_				\$		l ⊢		-				\$		\$	
		Leasehold Improvements	$\vdash$							-	l ⊢		-				\$			
47 47	1815 1820	Transformer Station Equipment >50 kV	\$	497.031	•		\$		\$	407.004	-9	200 400		14.465			\$ -\$	- 047.000	\$	440.400
47	1825	Distribution Station Equipment <50 kV	Þ	497,031	\$		Þ			497,031	-3	333,433	-\$	14,400	Þ			347,898	\$	149,133
47		Storage Battery Equipment Poles, Towers & Fixtures	s	2.096.474	\$	98,183	-\$	17,514	\$	2,177,142	-9	1,188,315		66.313			\$ -\$	1,254,628	\$	922,515
47			Þ	2,096,474	Э	98,183	-ф	17,514			-3	1,188,315	-\$	00,313						
		Overhead Conductors & Devices							\$	-	l ⊢		-				\$	-	\$	-
47	1840	Underground Conduit							\$		<b>!</b> ⊢		-				\$	-	\$	
47	1845	Underground Conductors & Devices		40.4.700	•		_		\$	- 405.040		074.570		40.074			\$		\$	- 400 700
47	1850	Line Transformers	\$	494,798	\$	551	\$	-	\$	495,349	-\$	374,572	-\$	12,074	\$	-	-\$	386,646	\$	108,702
47	1855	Services (Overhead & Underground)					_		\$		-						\$		\$	
47	1860	Meters	\$	156,560		-	\$	-	\$	156,560	-\$		-\$	6,262	_		-\$	52,391	\$	104,168
47	1860	Meters (Smart Meters)	\$	143,448	\$	253,960	-\$	104,713	\$	292,694	-\$		-\$	2,658	-\$	35,678	-\$	42,631	\$	250,063
N/A	1905	Land	\$	15,588	\$	-	\$	-	\$	15,588	\$		\$	•	\$	-	\$	-	\$	15,588
47		Buildings & Fixtures	\$	681,042	\$	2,635			\$	683,677	-\$	289,693	-\$	24,438	\$	-	-\$	314,131	\$	369,546
13	1910	Leasehold Improvements							\$	-	l L						\$	-	\$	-
8	1915	Office Furniture & Equipment (10 years)	\$	40,034	\$	-	\$	-	\$	40,034	-\$						-\$	40,034	\$	-
8	1915	Office Furniture & Equipment (5 years)	\$	22,685					\$	22,685	-\$	8,235	-\$	3,301			-\$	11,536	\$	11,150
10	1920	Computer Equipment - Hardware							\$	-					\$	-	\$	-	\$	-
45	1920	Computer EquipHardware(Post Mar. 22/04)	\$	90	\$	-	\$	-	\$	90	-\$	90	\$	-	\$	-	-\$	90	\$	_
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	\$	47,500	\$	5,153			\$	52,653	-9	44,734	-\$	515			-\$	45,249	\$	7,404
10	1930	Transportation Equipment	\$	762,757	\$	-	\$	-	\$	762,757	-\$	465,502	-\$	22,822	\$	-	-\$	488,324	\$	274,433
8	1935	Stores Equipment							\$	-							\$	-	\$	-
8	1940	Tools, Shop & Garage Equipment	\$	88,057	\$	5,242			\$	93,299	-\$	70,403	-\$	4,178			-\$	74,581	\$	18,718
8	1945	Measurement & Testing Equipment							\$	-							\$	-	\$	
8	1950	Power Operated Equipment							\$	-							\$	-	\$	-
8	1955	Communications Equipment							\$	-							\$	-	\$	-
8	1955	Communication Equipment (Smart Meters)							\$								\$	-	\$	-
8	1960	Miscellaneous Equipment							\$								\$	-	\$	-
	4070	Load Management Controls Customer																		
47	1970	Premises							\$	-							\$	-	\$	-
									Ť								Ť		_	
47	1975	Load Management Controls Utility Premises							\$	-							\$	-	\$	-
47	1980	System Supervisor Equipment							\$	-							\$	-	\$	-
47		Miscellaneous Fixed Assets							\$	-							\$	-	\$	-
47	1990	Other Tangible Property							\$	-							\$	-	\$	-
47	1995	Contributions & Grants							\$	-							\$	-	\$	-
47	2440	Deferred Revenue <sup>5</sup>																		
									\$	_							\$	-	\$	-
		Sub-Total	s	5,224,251	\$	381.306	-\$	122,227	\$	5,483,329	-\$	3,043,622	-s	157,836	-s	38,764	-\$	3,240,222		2,243,107
		Less Socialized Renewable Energy Generation Investments (input as negative)	Ť	-,,			,	,	\$	-,,		-,,	,	,			\$		\$	
		Less Other Non Rate-Regulated Utility							\$	-							\$	-	\$	-
		Assets (input as negative) Total PP&E	s	5.224.251	•	204 200		122,227		5,483,329		3,043,622		157,836		38,764		3.240.222	\$	2.243.107
-													-\$	157,836	-\$	38,764	-\$	3,240,222	\$	2,243,107
		Depreciation Expense adj. from gain or lo	oss o	n the retirer	nent	of assets	(po	ol of like a	ISSE	ts), if applic	able	) <sup>v</sup>			ļ					
		Total											-\$	157,836						

10	Transportation
8	Stores Equipment

Less: Fully Allocated Depreciation
Transportation
Stores Equipment
Net Depreciation

157,836

Accounting Standard Year 2013

						Co	st				Г		Accur	nulated I	Depr	eciation				
CCA	OEB		(	Opening						Closing		Opening			Ė			Closing	N	let Book
Class 2	Account <sup>3</sup>	Description <sup>3</sup>	E	Balance	Ad	ditions 4	Di	sposals 6		Balance		Balance	Add	ditions	Dis	posals 6		Balance		Value
12	1611	Computer Software (Formally known as																		
12	1011	Account 1925)	\$	193,770	\$	3,494			\$	197,263	-\$	182,083	-\$	12,561			-\$	194,644	\$	2,619
CEC	1612	Land Rights (Formally known as Account																		
	1012	1906)							\$	-							\$	-	\$	-
N/A	1805	Land							\$	-							\$	-	\$	-
47	1808	Buildings							\$	-							\$	-	\$	-
13	1810	Leasehold Improvements							\$	-							\$	-	\$	-
47	1815	Transformer Station Equipment >50 kV							\$	-							\$	-	\$	-
47	1820	Distribution Station Equipment <50 kV	\$	497,031	\$	2,672			\$	499,703	-\$	347,898	-\$	10,516			-\$	358,414	\$	141,289
47	1825	Storage Battery Equipment							\$	-							\$	-	\$	-
47	1830	Poles, Towers & Fixtures	\$	2,177,142	\$	123,522	-\$	19,953	\$	2,280,711	-\$	1,254,628	-\$	82,304	\$	42,823	-\$	1,294,109	\$	986,602
47	1835	Overhead Conductors & Devices							\$	-							\$	-	\$	-
47	1840	Underground Conduit							\$	-							\$	-	\$	
47	1845	Underground Conductors & Devices							\$	-							\$	-	\$	-
47	1850	Line Transformers	\$	495,349			-\$	5,803	\$	489,546	-\$	386,646	-\$	5,696	\$	11,329	-\$	381,013	\$	108,532
47	1855	Services (Overhead & Underground)		,				.,	\$	-				.,	Ė	,	\$	-	\$	-
47	1860	Meters	\$	156,560					\$	156,560	-\$	52,391	-\$	6,262			-\$	58,654	\$	97,906
47	1860	Meters (Smart Meters)	\$	292,619	\$	184,469			\$	477,088	-\$		-\$	37,779			-\$	80,410	\$	396,678
N/A	1905	Land	\$	15,588		. , , , ,			\$	15,588		,,,,,,					\$	-	\$	15,588
47	1908	Buildings & Fixtures	\$	683,677	\$	-	\$	-	\$	683,677	-\$	314,131	-\$	24,493			-\$	338,624	\$	345,053
13	1910	Leasehold Improvements	Ė	,					\$	-				,			\$	-	\$	-
8	1915	Office Furniture & Equipment (10 years)	\$	40.034					\$	40.034	-\$	40.034					-\$	40.034	\$	-
8	1915	Office Furniture & Equipment (5 years)	\$	22,685					\$	22,685	-\$	11,535.52	-\$	3,294			-\$	14,829		7,856
10	1920	Computer Equipment - Hardware	\$	,					\$	,,,,,,	\$	-	Ť	-,			\$		\$	-
		' '	Ť						Ť		Ψ.						Ψ		Ψ	
45	1920	Computer EquipHardware(Post Mar. 22/04)	\$	90					\$	90	-\$	90					-\$	90	\$	-
			Ť						Ť		Ψ.						Ψ		Ψ	
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	\$	52,653	\$	10,329			\$	62,982	-\$	45,249	-\$	4,633			-\$	49,882	\$	13,099
10	1930	Transportation Equipment	\$	762,757	\$	2.054			\$	764,811	-\$	488,324		23,027			-\$	511,352		253,459
8	1935	Stores Equipment	_	702,707	Ψ	2,001			\$		Ψ.	100,021	Ť	LO,OLI			\$		\$	-
8	1940	Tools, Shop & Garage Equipment	s	93,299	\$	7,221			\$	100,520	-\$	74,581	-\$	3,956			-\$	78,537	\$	21,983
8	1945	Measurement & Testing Equipment	<u> </u>	00,200	Ψ	,,			\$	100,020	Ψ.	7 1,001	<u> </u>	0,000			\$		\$	21,000
8	1950	Power Operated Equipment							\$	-							\$	-	\$	-
8	1955	Communications Equipment					H		\$	_	-		<b>-</b>				\$	_	\$	_
8	1955						H			_	-		<b>-</b>				\$		\$	_
8	1960	Miscellaneous Equipment	munication Equipment (Smart Meters) \$ - cellaneous Equipment \$ -														\$	-	\$	
- 3		Load Management Controls Customer							Ψ								Ψ		Ψ	
47	1970	Premises							\$	_							\$		\$	_
									Φ	-							φ	-	Ф	
47	1975	Load Management Controls Utility Premises							\$								\$	_	\$	
47	1980	System Supervisor Equipment							\$	-							\$		\$	
47	1980	Miscellaneous Fixed Assets							\$	-							\$		\$	-
47	1985								\$	-							\$	-	\$	-
47	1990	Other Tangible Property Contributions & Grants							\$	-							\$		\$	
									Þ	-							Ф	-	Ф	-
47	2440	Deferred Revenue <sup>5</sup>																		
		0.7		E 100 0==		000 707		05.75-	\$		-	0.040.0==		01156:			\$		\$	
		Sub-Total	\$	5,483,253	\$	333,760	-\$	25,756	\$	5,791,257	-\$	3,240,222	-\$	214,521	\$	54,152	-\$	3,400,591	\$	2,390,665
		Less Socialized Renewable Energy							1											
		Generation Investments (input as negative)																		
									\$	-							\$	-	\$	
		Less Other Non Rate-Regulated Utility																	_	
		Assets (input as negative)		E 400 0==		000 707		05.75-	\$		-	0.040.077		01150:			\$	- 100 FC:	\$	
		Total PP&E	\$	5,483,253	•	333,760			\$	5,791,257	-\$	3,240,222	-\$	214,521	\$	54,152	-\$	3,400,591	\$	2,390,665
		Depreciation Expense adj. from gain or lo	OSS OI	n the retirer	nent	ot assets	(poc	of like a	ISSE	ts), if applica	able'	•			ļ					
		Total											-\$	214,521	l					

Accounting Standard MIFRS
Year 2014

						Cos	st				lΓ			Acc	umulated I	Оер	reciation			Ì	
CCA	OEB			Opening						Closing	1 1	С	Dpening						Closing	1	let Book
Class 2	Account 3	Description <sup>3</sup>		Balance	Ad	lditions 4	D	isposals 6		Balance	Ш	В	Balance	Α	Additions	Di	sposals 6		Balance		Value
	1611	Computer Software (Formally known as									1 1										
12	1611	Account 1925)	\$	197,263	\$	1,475	-\$	167,706	\$	31,033	.	-\$	194,644	-\$	1,526	\$	167,706	-\$	28,463	\$	2,570
050	4040	Land Rights (Formally known as Account						·			1 [										
CEC	1612	1906)	\$	-					\$	-	Ш							\$	-	\$	-
N/A	1805	Land	\$	-					\$	-	1 [							\$	-	\$	-
47	1808	Buildings	\$	-					\$	-	1 [							\$	-	\$	-
13	1810	Leasehold Improvements	\$	-					\$	-	1 [							\$	-	\$	-
47	1815	Transformer Station Equipment >50 kV	\$	-					\$		1 [							\$	-	\$	-
47	1820	Distribution Station Equipment <50 kV	\$	499,703	\$	3,082			\$	502,785	1	-\$	358,414	\$	12,298			-\$	370,712	\$	132,073
47	1825	Storage Battery Equipment	\$	-					\$		] [							\$	-	\$	-
47	1830	Poles, Towers & Fixtures	\$	2,280,711	\$	414,987	-\$	13,027	\$	2,682,671		-\$	1,294,109	-\$	63,435	\$	9,584	-\$	1,347,960	\$	1,334,711
47	1835	Overhead Conductors & Devices	\$	-					\$		] [							\$	-	\$	-
47	1840	Underground Conduit	\$	-					\$		] [							\$	-	\$	-
47	1845	Underground Conductors & Devices	\$	-					\$	-	] [							\$	-	\$	-
47	1850	Line Transformers	\$	489,546	\$	21,175	-\$	54,714	\$	456,006	JE	-\$	381,013	-\$	5,378	\$	52,943	-\$	333,448	\$	122,558
47	1855	Services (Overhead & Underground)	\$	-					\$	-	IJL							\$	-	\$	-
47	1860	Meters	\$	156,560	\$	10,116			\$	166,676		-\$		-\$	7,285			-\$	65,939	\$	100,737
47	1860	Meters (Smart Meters)	\$	477,088			-\$	113		476,975		-\$	80,410	-\$	37,104			-\$	117,514		359,461
N/A	1905	Land	\$	15,588					\$	15,588		\$	-					\$	-	\$	15,588
47	1908	Buildings & Fixtures	\$	683,677	\$	-	\$	-	\$	683,677	l	-\$	338,624	-\$	36,232			-\$	374,856	\$	308,821
13	1910	Leasehold Improvements	\$	-					\$	-	ΙL							\$	-	\$	-
8	1915	Office Furniture & Equipment (10 years)	\$	40,034					\$	40,034		-\$	40,034			\$	4,078	-\$		\$	4,078
8	1915	Office Furniture & Equipment (5 years)	\$	22,685					\$	22,685	] [	-\$	14,829	-\$	2,923			-\$	17,752		4,933
10	1920	Computer Equipment - Hardware	\$	-					\$	-	ΙL							\$	-	\$	-
45	1920	Computer EquipHardware(Post Mar. 22/04)	\$	90	\$	-	\$	-	\$	90		-\$	90					-\$	90	\$	-
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	\$	62,982	\$	1,369	-\$	43,350	\$	21,000		-\$	49,882	-\$	3,159	\$	42,894	-\$	10,148	\$	10,853
10	1930	Transportation Equipment	\$	764,811	\$	-	\$	-	\$	764,811	] [	-\$	511,352	-\$	23,795			-\$	535,147	\$	229,664
8	1935	Stores Equipment	\$	-					\$	-	l L							\$	-	\$	-
8	1940	Tools, Shop & Garage Equipment	\$	100,520	\$	8,372			\$	108,892	l E	-\$	78,537	-\$	3,751			-\$	82,289	\$	26,603
8	1945	Measurement & Testing Equipment							\$	-	1							\$	-	\$	-
8	1950	Power Operated Equipment					L		\$	-	↓ ↓							\$	-	\$	-
8	1955	Communications Equipment					L		\$	-	↓ ↓							\$	-	\$	-
8	1955	Communication Equipment (Smart Meters)						\$	-	\$											
8	1960	Miscellaneous Equipment						\$	-	\$	-										
47	1970	Load Management Controls Customer Premises							\$	-								\$	-	\$	-
47	1975	Load Management Controls Utility Premises							s	-								\$	_	\$	_
47	1980	System Supervisor Equipment							\$		1 }							\$		\$	
47	1985	Miscellaneous Fixed Assets							\$		1							\$	-	\$	-
47	1990	Other Tangible Property							\$	-	1							\$		\$	-
47	1995	Contributions & Grants							\$	-	1							\$	-	\$	-
47	2440	Deferred Revenue <sup>5</sup>							Ť		1							Ψ		Ψ	
		Doining 1 to volido							\$		1 _							\$		\$	
		Sub-Total	\$	5,791,257	\$	460,575	-\$	278,910		5,972,922	Į.	-\$	3,400,591	-\$	196,885	\$	277,204	-\$	3,320,273	\$	2,652,649
		Less Socialized Renewable Energy							1		П										
		Generation Investments (input as negative)							_		П							\$			
							H		\$	-	1 }							\$	-	\$	-
		Less Other Non Rate-Regulated Utility									П							•		6	
		Assets (input as negative) \$ -   \$ -   \$   \$   \$   \$   \$   \$   \$													3,320,273	\$	2.652.649				
		Total PP&E [\$ 5,791,257 [\$ 460,575 [\$ 278,910 [\$ 5,972,922 [-\$ 3,400,591 [\$ Depreciation Expense adj. from gain or loss on the retirement of assets (pool of like assets), if applicable <sup>6</sup>													190,085	Þ	211,204	-φ	3,320,273	Þ	2,002,049
		Total	JSS 0	ıı ine retirer	nent	orassets	φo	oi of like a	1556	кы, п аррис	αĎ	ne ·		-\$	196,885						
		ı olai												-9	190,083	l					

Accounting Standard	MIFRS
Year	2015

						Co	et		-		1 [			Δcc	cumulated I	)en	reciation				
CCA Class <sup>2</sup>	OEB Account <sup>3</sup>	Description <sup>3</sup>		Opening Balance	A	dditions 4		sposals 6		Closing Balance			Opening Balance		Additions		sposals 6		Closing Balance	1	Net Book Value
12	1611	Computer Software (Formally known as Account 1925)	s	31,033	\$	11,927		7	\$			-\$			3,874		,	-\$	32,337	\$	10,622
CEC	1612	Land Rights (Formally known as Account 1906)	Ψ	01,000	Ψ	11,527			\$	42,500		Ψ	20,400	ų.	0,014			s.	02,007	\$	10,022
N/A	1805	Land							\$		1							\$		\$	
47	1808	Buildings							\$	_	1							\$	_	\$	
13	1810	Leasehold Improvements							\$	-	i i							\$	_	\$	-
47	1815	Transformer Station Equipment >50 kV							\$	-	i i							\$	_	\$	-
47	1820	Distribution Station Equipment <50 kV	\$	502.785	\$	-	\$	-	\$	502,785	1	-\$	370.712	-\$	12.478			-\$	383,190	\$	119.595
47	1825	Storage Battery Equipment	Ť		_		Ť		\$	-	i i		0.0,	Ť	,			\$	-	\$	-
47	1830	Poles, Towers & Fixtures	\$	2.682.671	\$	194,215	-\$	32,623	\$	2,844,263	1	-\$	1,347,960	-\$	67.870	\$	24,162	-\$	1,391,668	\$	1,452,596
47	1835	Overhead Conductors & Devices	Ť	_,,,,,,,,,,	_	,	Ť	02,020	\$	-,0.1,200	i i		.,,	Ť	0.,0.0	Ť		\$	-	\$	-
47	1840	Underground Conduit							\$	-	i i							\$	-	\$	_
47	1845	Underground Conductors & Devices							\$	-	it							\$		\$	_
47	1850	Line Transformers	\$	456.006	\$	6.895	-\$	2,427	\$	460.475	i i	-\$	333,448	-\$	5,595	\$	2.380	-\$	336.664	\$	123,811
47	1855	Services (Overhead & Underground)	Ť	,	_	-,	_		\$	-	it		555,115	Ť	-,	Ť	_,	ŝ	-	\$	-
47	1860	Meters	\$	166,676	\$	19,875	-\$	9,032	\$	177,518	i i	-\$	65,939	-\$	7,540	\$	1,806	-\$	71,672	\$	105,847
47	1860	Meters (Smart Meters)	\$	476,975	\$	2,830	-\$	2,921		476,884		-\$	117,514		36,951		805		153,660		323,224
N/A	1905	Land	\$	15,588	Ψ_	2,000	Ψ	2,021	\$	15,588		\$		Ť	00,001	Ť	000	\$		\$	15,588
47	1908	Buildings & Fixtures	\$	683,677					\$	683,677		-\$	374,856	-\$	11,197			-\$	386,053		297,624
13	1910	Leasehold Improvements	Ť	000,077					\$	-	l l	Ψ	07 1,000	Ť	11,101			\$	-	\$	207,021
8	1915	Office Furniture & Equipment (10 years)	\$	40,034			H		\$	40,034	1 1	-¢	35,956					-\$		\$	4,078
8	1915	Office Furniture & Equipment (5 years)	\$	22,685					\$	22,685	ŀ	-\$	17,752	-\$	2,912			-\$		\$	2,021
10	1920	Computer Equipment - Hardware	\$	-			H		\$	-	1 1	Ψ	17,702	Ψ	2,512			\$	- 20,004	\$	- 2,021
45	1920	Computer EquipHardware(Post Mar. 22/04)	\$	90					\$	90		-\$	90					-\$	90	\$	_
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	s		\$	7,436			\$	28,436	İ	-\$	10,148	-\$	3,935			-\$		\$	14,353
10	1930	Transportation Equipment	\$	764,811	\$	11,314	-\$	21,943	\$	754,182	1	-\$	535,147	-\$	23,705	\$	21,943	-\$	536,909	\$	217,273
8	1935	Stores Equipment			Ť		Ė	,,,,	\$	-	i i			Ė		Ė	,	\$	-	\$	-
8	1940	Tools, Shop & Garage Equipment	\$	108,892	\$	14,177			\$	123,069	1	-\$	82,289	-\$	4,787			-\$	87,076	\$	35,993
8	1945	Measurement & Testing Equipment			Ť				\$	-	i i		, , , , ,	Ė	, ,			\$	-	\$	-
8	1950	Power Operated Equipment							\$	-	i i							\$	-	\$	-
8	1955	Communications Equipment							\$	-	1							\$	-	\$	-
8	1955	Communication Equipment (Smart Meters)							\$	-	i i							\$	-	\$	-
8	1960	Miscellaneous Equipment							\$	-	i i							\$	-	\$	-
47	1970	Load Management Controls Customer Premises							\$	_								\$	_	\$	-
47	1975	Load Management Controls Utility Premises							\$	_								\$	_	\$	_
47	1980	System Supervisor Equipment							\$	-	1							\$	-	\$	-
47	1985	Miscellaneous Fixed Assets							\$	-	i i							\$	-	\$	
47	1990	Other Tangible Property							\$	-	i I							\$	-	\$	
47	1995	Contributions & Grants							\$	-	i I							\$	-	\$	-
47	2440	Deferred Revenue <sup>5</sup>	\$	-	-\$	20,123			-\$	20,123	֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡			\$	457			\$		-\$	19,666
		Sub-Total	\$	5,972,922	\$	248,545	-\$	68,946	\$ <b>\$</b>	6,152,522	Į.	-\$	3,320,273	-\$	180,387	\$	51,095	\$ <b>-\$</b>	3,449,565	\$ <b>\$</b>	2,702,957
		Less Socialized Renewable Energy Generation Investments (input as negative)							\$	-								\$	_	\$	_
		Less Other Non Rate-Regulated Utility Assets (input as negative)								_								œ.		•	
		Total PP&E	s	5,972,922	¢	248,545		68,946	Φ	6,152,522	H	-\$	3,320,273	e	180,387	s	51,095	φ - <b>¢</b>	3,449,565	\$	2,702,957
			<u> </u>		_		-		-				3,320,273	چ-	100,387	ð	31,093	- <b>Ф</b>	3,449,363	Ą	2,102,937
	l	Depreciation Expense adj. from gain or lo	oss c	on the retirer	nen	t of assets	(po	DI OT IIKE A	1 SS	ets), if applic	ap	ie '			400.007	ł					
		Total												-\$	180,387	l					

Accounting Standard MIFRS
Year 2016

CEC   1612   Land Rippits (Formally known as Account   5							Cos	st				] [			Ac	cumulated I	Depr	reciation				
181					Opening						Closing		(	Opening						Closing	1	let Book
1011   Account 1925    S	Class 2	Account 3			Balance	Ad	Iditions 4	Di	sposals 6		Balance	ΙL		Balance	1	Additions	Dis	sposals 6		Balance		Value
Account 1925	12	1611	Computer Software (Formally known as									ľ										
Section   Sect	12	1011		\$	42,959					\$	42,959	Ŀ	-\$	32,337	-\$	6,848			-\$	39,186	\$	3,774
No.	CEC	1612								ľ		ľ							ſ			
47   1908   Suldings   \$ -																			_			•
13   1810   Leasehold Improvements   \$   \$   \$   \$   \$   \$   \$   \$   \$																						•
47   1815   Transformer Station Equipment + 50 kV   \$ 50.78   \$ 21.200   \$ 5.3,465   \$ 83.365   \$ 83.390   \$ 12.716   \$ 99.90,96   \$ 12.00   \$ 1													\$							-		-
47   1820   Obsthution Station Equipment   S   0.27,85   \$   21,200   \$   52,385   \$   33,3190   \$   12,716   \$   \$   395,906   \$   120,007				_	-								\$						_	-		
47   1825   Storage Battery Equipment   \$   \$   \$   \$   \$   \$   \$   \$   \$					-								_									-
47   1830   Coles, Towns & Fixtures   \$ 2,844,285   \$ 279,495   \$ 10,008   \$ 3,11370   \$ 1,391,688   \$ 72,920   \$ 8,000   \$ 1,456,597   \$ 1,657,147   \$ 1,471   \$ 1,445   \$ 1,471   \$ 1,471   \$ 1,471   \$ 1,445   \$ 1,471   \$ 1,471   \$ 1,471   \$ 1,471   \$ 1,445   \$ 1,471   \$ 1,					502,785	\$	21,200							383,190	-\$	12,716				,		128,079
##   ##   ##   ##   ##   ##   ##   #					-									-								
47					2,844,263	\$	279,495	-\$	10,008						-\$	72,920	\$	8,000				
1845   Underground Conductions & Devices   \$					-										_							
1850   Line Transformers															_							
47																						
47														336,664	-\$	5,688						118,122
47														-								
NA								-\$	7,469													91,483
1908   Buildings & Fixtures   \$ 83,877   \$ 838,677   \$ 386,053 \$ 11,197   \$ 397,250   \$ 286,47   \$ 8   1915   Office Furniture & Equipment (10 years)   \$ 40,034   \$ 3,098   \$ 40,034   \$ 3,5966   \$ 3,098   \$ 2,098														153,660	-\$	36,951	\$	2,640		187,971		288,913
13														-						-		15,588
8														386,053	-\$	11,197						286,427
8														-								-
10   1920   Computer Equipment - Hardware   S   S   S   S   S   S   S   S   S																						4,078
45															-\$	2,269						248
45.1   1920	10	1920	Computer Equipment - Hardware	\$	-	\$	1,905			\$	1,905		\$	-	_				\$	-	\$	1,905
10   1930   Transportation Equipment   \$ 754,182   \$ 754,182   \$ 536,909 \$ 24,366   \$ 561,274 \$ 192,98   \$ 8 1935   Stores Equipment   \$ 123,069 \$ 4,000   \$ 127,069   \$ 8 7,069 \$ 8 7,069 \$ 5,815   \$ 9,891 \$ 34,17   \$ 8 1940   Tolos, Shop & Garage Equipment   \$ 123,069 \$ 4,000   \$ 127,069   \$ 8 7,076 \$ 5,815   \$ 92,891 \$ 34,17   \$ 8 1950   Power Operated Equipment   \$ -	45	1920	Computer EquipHardware(Post Mar. 22/04)	\$	90					\$	90		-\$	90					-\$	90	\$	
8	45.1	1920	Computer EquipHardware(Post Mar. 19/07)	\$	28,436					\$	28,436	-	-\$	14,083	\$	4,974			-\$	9,109	\$	19,327
8	10	1930	Transportation Equipment	\$	754,182					\$	754,182	l E	-\$	536,909	-\$	24,365			\$	561,274	\$	192,908
8	8	1935			-						-			-						-		-
8	8	1940			123,069	\$	4,000				127,069			87,076	-\$	5,815				92,891	\$	34,178
8	8	1945	Measurement & Testing Equipment	\$	-						-			-					\$	-		-
8					-						-			-						-		-
8					-						-			-						-		-
1970   Load Management Controls Customer					-						-									-		-
1975   Load Management Controls Utility Premises   \$ -   \$ -   \$   \$ -   \$   \$   \$   \$	8	1960	Miscellaneous Equipment	\$	-					\$	-		\$	-					\$	-	\$	-
47		1970										П										
1980   System Supervisor Equipment   \$ -	47	1910	Premises	\$	-					\$	-	L	\$						\$	-	\$	-
1980   System Supervisor Equipment   \$ -	47	1975	Load Management Controls Litility Promises																			
1985   Miscellaneous Fixed Assets   \$ -	47	1970	Load Management Controls Office Premises	\$							-			-	L_				\$	-	\$	
47   1990   Other Tangible Property   \$ -					-						-			-								-
47   1995   Contributions & Grants   \$ -	47	1985	Miscellaneous Fixed Assets	\$						\$	-		\$	-					\$	-	\$	-
47 2440 Deferred Revenue <sup>5</sup>	47	1990	Other Tangible Property	\$						\$	-		\$	-					\$	-	\$	-
Sub-Total   S	47	1995	Contributions & Grants	\$						\$	-		\$	-					\$	-	\$	-
Sub-Total   \$ 6,152,522   \$ 306,600   \$ 17,477   \$ 6,441,645   \$ 3,449,565   \$ 180,232   \$ 10,640   \$ 3,619,157   \$ 2,822,44	47	2440	Deferred Revenue <sup>5</sup>	-\$	20,123					-\$	20,123		\$	457	\$	457			\$	914	-\$	19,209
Less Socialized Renewable Energy Generation Investments (input as negative)  Less Other Non Rate-Regulated Utility Assets (input as negative)  Total PP&E \$ 6,152,522 \$ 306,600 \$ 17,477 \$ 6,441,645 \$ 3,449,565 \$ 180,232 \$ 10,640 \$ 3,619,157 \$ 2,822,48  Depreciation Expense adj. from gain or loss on the retirement of assets (pool of like assets), if applicable 6				\$	-					\$	-	IΓ							\$	-	\$	-
Comparation Investments (input as negative)			Sub-Total	\$	6,152,522	\$	306,600	-\$	17,477	\$	6,441,645	∐-	-\$	3,449,565	-\$	180,232	\$	10,640	-\$	3,619,157	\$	2,822,488
Comparison Investments (input as negative)			Les Casialized Banawahla En									П										
Less Other Non Rate-Regulated Utility  Assets (input as negative)  Total PP&E  \$ 6,152,522 \$ 306,600 \$ 17,477 \$ 6,441,645 \$ \$ 3,449,565 \$ 180,232 \$ 10,640 \$ 3,619,157 \$ 2,822,41  Depreciation Expense adj. from gain or loss on the retirement of assets (pool of like assets), if applicable 6										l		Ш										
Assets (input as negative) \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			5 - 5 -																			
Total PP&E \$ 6,152,522 \$ 306,600 -\$ 17,477 \$ 6,441,645 -\$ 3,449,565 -\$ 180,232 \$ 10,640 -\$ 3,619,157 \$ 2,822,44   Depreciation Expense adj. from gain or loss on the retirement of assets (pool of like assets), if applicable 6																						
Depreciation Expense adj. from gain or loss on the retirement of assets (pool of like assets), if applicable <sup>6</sup>			Assets (input as negative)							\$		Ш							\$	-	\$	
														3,449,565	-\$	180,232	\$	10,640	-\$	3,619,157	\$	2,822,488
Total -\$ 180,232			Depreciation Expense adj. from gain or lo	oss (	on the retiren	nent	of assets	(poc	ol of like a	ISSE	ts), if applic	abl	le <sup>6</sup>		L							
			Total												-\$	180,232	I					

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						Cos	st				ΙГ			Acc	umulated I	Оер	reciation				
CCA	OEB	_		Opening						Closing			Opening						Closing	N	let Book
Class 2	Account 3	Description <sup>3</sup>		Balance	Ad	ditions 4	Di	sposals 6		Balance	ΙL		Balance	Α	Additions	Di	sposals 6		Balance		Value
12	1611	Computer Software (Formally known as							ľ.		П										
		Account 1925)	\$	42,959					\$	42,959	ŀ	-\$	39,186	-\$	3,439			-\$	42,625	\$	335
CEC	1612	Land Rights (Formally known as Account							_		Ш	•									
N/A	1805	1906) Land	\$	-					\$	-		\$	-					\$	-	\$	-
47	1808	Buildings	\$						\$	-		\$	-					\$		\$	
13	1810	Leasehold Improvements	\$						\$			\$						\$		\$	
47	1815	Transformer Station Equipment >50 kV	\$	-					\$			\$	-					\$	_	\$	
47	1820	Distribution Station Equipment <50 kV	\$	523,985	\$	21,200			\$	545,185		-\$	395,906	-\$	12,716			-\$	408,622	\$	136,563
47	1825	Storage Battery Equipment	\$	-	-	,			\$	-	ı	\$	-	Ť	,			\$	-	\$	-
47	1830	Poles, Towers & Fixtures	\$	3,113,750	\$	232,540			\$	3,346,291	-	-\$	1,456,587	-\$	72,920	\$	8,000	-\$	1,521,507	\$	1,824,783
47	1835	Overhead Conductors & Devices	\$	-		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			\$	-		\$	-	-	,	Ť	-,	\$	-	\$	-
47	1840	Underground Conduit	\$	-					\$	-		\$	-					\$	-	\$	-
47	1845	Underground Conductors & Devices	\$	-					\$	-		\$	-					\$	-	\$	-
47	1850	Line Transformers	\$	460,475	\$	8,000			\$	468,475		-\$	342,352	-\$	5,888			-\$	348,241	\$	120,234
47	1855	Services (Overhead & Underground)	\$	-					\$	-		\$	-					\$	-	\$	-
47	1860	Meters	\$	170,049					\$	170,049		-\$	78,566	-\$	5,994			-\$	84,560	\$	85,489
47	1860	Meters (Smart Meters)	\$	476,884	\$	10,000			\$	486,884		-\$	187,971	-\$	37,561	\$	2,440	-\$	223,092	\$	263,792
N/A	1905	Land	\$	15,588					\$	15,588		\$	-					\$	-	\$	15,588
47	1908	Buildings & Fixtures	\$	683,677					\$	683,677		-\$	397,250	-\$	11,197			-\$	408,447	\$	275,230
13	1910	Leasehold Improvements	\$	-					\$	-		\$	-					\$	-	\$	-
8	1915	Office Furniture & Equipment (10 years)	\$	40,034					\$	40,034		-\$	35,956					-\$	35,956	\$	4,078
8	1915	Office Furniture & Equipment (5 years)	\$	22,685					\$	22,685		-\$	22,933	-\$	1,969			-\$	24,902	-\$	2,217
10	1920	Computer Equipment - Hardware	\$	1,905					\$	1,905	L	\$	-					\$	-	\$	1,905
45	1920	Computer EquipHardware(Post Mar. 22/04)	\$	90					\$	90	-	-\$	90					-\$	90	\$	-
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	\$	28,436					\$	28,436		-\$	9,109		4,773			-\$	13,882	\$	14,554
10	1930	Transportation Equipment	\$	754,182	\$	360,000	-\$	129,668	\$	984,514		-\$	561,274	-\$	35,198	\$	129,688	-\$	466,784	\$	517,730
8	1935	Stores Equipment	\$	<u> </u>					\$	-		\$		_				\$		\$	-
8	1940	Tools, Shop & Garage Equipment	\$	127,069	\$	4,000			\$	131,069		-\$	92,891	-\$	5,815			-\$	98,706	\$	32,363
8	1945	Measurement & Testing Equipment	\$	-					\$	-		\$	-					\$	-	\$	-
8	1950	Power Operated Equipment	\$						\$	-		\$	-					\$	-	\$	-
8	1955	Communications Equipment	\$	-					\$	-		\$	-	-				\$	-	\$	-
8	1955	Communication Equipment (Smart Meters)	\$	-					\$	-		\$	-					\$	-	\$	-
8	1960	Miscellaneous Equipment	\$	-					\$	-	H	\$	-					\$	-	\$	-
47	1970	Load Management Controls Customer Premises	\$	-					\$	-		\$	-					\$	-	\$	-
47	1975	Load Management Controls Utility Premises	\$	-					\$	-		\$	-					\$	-	\$	-
47	1980	System Supervisor Equipment	\$	-					\$	-		\$	-					\$	-	\$	-
47	1985	Miscellaneous Fixed Assets	\$	-					\$	-		\$	-					\$	-	\$	-
47	1990	Other Tangible Property	\$	-					\$	-		\$	-					\$	-	\$	-
47	1995	Contributions & Grants	\$	-					\$	-	-	\$	-					\$	-	\$	-
47	2440	Deferred Revenue <sup>5</sup>	-\$	20,123					-\$	20,123	_	\$	914	\$	457			\$	1,371	-\$	18,752
		Sub-Total	\$	6,441,645	\$	635,740	-\$	129,668	\$ <b>\$</b>	6,947,717	-	-\$	3,619,157	-\$	197,013	\$	140,128	\$ <b>-\$</b>	3,676,042	\$ <b>\$</b>	3,271,675
		Less Socialized Renewable Energy									П										
		Generation Investments (input as negative)							١.		Ш							_			
		, ,							\$	-	-							\$	-	\$	-
		Less Other Non Rate-Regulated Utility									Ш										
		Assets (input as negative)		C 444 C**	•	COF 7/0	•	400.000	\$		H	•	2 040 457		407.040		440.400	\$		\$	
		Total PP&E	\$	6,441,645		635,740		129,668		6,947,717			3,619,157	-\$	197,013	\$	140,128	-ъ	3,676,042	\$	3,271,675
		Depreciation Expense adj. from gain or lo	oss c	on the retirer	nent	or assets	(poc	of like a	sse	ts), if applic	abl	ıe °		_	407.011	ļ					
		Total												-\$	197,013	l					

Accounting Standard MIFRS

Year 2017

## 2.2.1.2 Gross Assets – Property Plant and Equipment and Accumulated Depreciation

- 5 Atikokan choose to breakdown and categorize Atikokan's assets into four categories or functions:
- 6 Distribution Plant, General Plant, Contributions and Grants and Intangible Assets. In accordance
- 7 with the Uniform System of Accounts ("USoA"), Atikokan has included Gross Assets as follows:
  - Distribution Plant Asset accounts include USoA 1820 to 1860 and USoA 1612 this
    includes assets such as distribution equipment, overhead/underground conductors and
    devices, poles, wires, transformers and meters.

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- General Plant Asset accounts include USoA 1915 to 1980 and USoA 1805, 1611 this
   includes assets such as land, buildings, computer software and hardware, office furniture
   and equipment, tools/shop/equipment and transportation equipment.
  - Contributions and Grants include USoA accounts 1995 and 2440 this account includes all contributions in aid of capital that Atikokan has received or forecast to be received as per the Distribution System Code ("DSC") and;
  - Intangible Plant Assets include USoA accounts 1606 to 1611; these captures assets such as software.
- 9 Table 2-9 categorizes Atikokan's assets into the four categories (function) mentioned above 10 according to USoA.

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## **Table 2-9 Fixed Asset Categories**

Account	
USoA	Description
	Distribution Plant
1820	Distribution Station Equipment <50 kV
1825	Storage Battery Equipment
1830	Poles, Towers & Fixtures
1835	Overhead Conductors & Devices
1840	Underground Conduit
1845	Underground Conductors & Devices
1850	Line Transformers
1855	Services (Overhead & Underground)
1860	Meters
1860	Meters (Smart Meters)
	Subtotal
	General Plant
1905	Land
1908	Buildings & Fixtures
1910	Leasehold Improvements
1915	Office Furniture & Equipment (10 years)
1915	Office Furniture & Equipment (5 years)
1920	Computer Equipment - Hardware
1920	Computer EquipHardware(Post Mar. 22/04)
1920	Computer EquipHardware(Post Mar. 19/07)
1930	Transportation Equipment
1935	Stores Equipment
1940	Tools, Shop & Garage Equipment
1945	Measurement & Testing Equipment
1950	Power Operated Equipment
1955	Communications Equipment
1955	Communication Equipment (Smart Meters)
1960	Miscellaneous Equipment
1970	Load Management Controls Customer Premises
1975	Load Management Controls Utility Premises
1980	System Supervisor Equipment
1985	Miscellaneous Fixed Assets
	Subtotal
	Intangible Assets
1611	Computer Software
	Subtotal
	Contributions & Grants
1995	Contributions & Grants
2440	Deferred Revenue

1 Variances that exceed the materiality threshold of \$50,000 will be explained.

### 2 Assets 2012 vs 2013

## 3 <u>Table 2-10: 2012 vs 2013</u>

Account USoA	Description	2012 Actual	2013 Actual	V	ariance
Distrib	oution Plant				
1820	Distribution Station Equipment <50 kV	497,031	499,703		2,672
1825	Storage Battery Equipment	-			-
1830	Poles, Towers & Fixtures	2,177,142	2,280,711		103,569
1835	Overhead Conductors & Devices	-			-
1840	Underground Conduit	-			-
1845	Underground Conductors & Devices	-			-
1850	Line Transformers	495,349	489,546		(5,803)
1855	Services (Overhead & Underground)	-			-
1860	Meters	156,560	156,560		0
1860	Meters (Smart Meters)	292,694	477,088		184,394
	Subtotal	\$ 3,618,777	\$ 3,903,608	\$	284,831
Genera	al Plant				
1905	Land	15,588	15,588		-
1908	Buildings & Fixtures	683,677	683,677		-
1910	Leasehold Improvements	-			-
1915	Office Furniture & Equipment (10 years)	40,034	40,034		-
1915	Office Furniture & Equipment (5 years)	22,685	22,685		-
1920	Computer Equipment - Hardware	-			-
1920	Computer EquipHardware(Post Mar. 22/04)	90	90		-
1920	Computer EquipHardware(Post Mar. 19/07)	52,653	62,982		10,329
1930	Transportation Equipment	762,757	764,811		2,054
1935	Stores Equipment	-			-
1940	Tools, Shop & Garage Equipment	93,299	100,520		7,221
1945	Measurement & Testing Equipment				-
1950	Power Operated Equipment				-
1955	Communications Equipment				-
1955	Communication Equipment (Smart Meters)				-
1960	Miscellaneous Equipment				-
1970	Load Mngmnt Controls Customer Premises				-
1975	Load Management Controls Utility Premises				-
1980	System Supervisor Equipment				-
1985	Miscellaneous Fixed Assets				-
	Subtotal	\$ 1,670,783	\$ 1,690,387	\$	19,604
Intangible	Assets				
1611	Computer Software	193,770	197,263		3,493
	Subtotal	193,770	197,263		3,493
Contribut	ions & Grants				
1995	Contributions & Grants				-
2440	Deferred Revenue				-
	Subtotal	-	-		-
	Total	\$ 5,483,329	\$ 5,791,258	\$	307,928

#### **Distribution Plant 2012 vs 2013**

Renewal Assets were the main focus for the 2013 fiscal year. Again infrastructure and conditioning of poles require significant capital investments into rebuilding and replacing poles and lines with net additions of \$103,569 for 2013 as the variance in table 2-10 shows. The number of poles and structures replaced cannot be accurately quantified; however, since 2013, Atikokan has developed asset management reporting strategies to track both the quantity of but specific poles where work is performed. Board decision and order EB-2013-0019; permitted Atikokan to move smart meter costs into asset accounts (rate base) from variance accounts where the costs were tracked until board approval. This accounts for the variance of \$184,394. 

### 1 Assets 2013 vs 2014

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- 2 No variances exceeding the materiality threshold; thereby non to discuss.
- 3 Distribution Plant 2013 versus 2014 Table 2-11.

## <u>Table 2-11 2013 vs 2014</u>

Account	Description	2013		2014		
USoA	-	Actual		Actual	V	ariance
	oution Plant		_		1	
1820	Distribution Station Equipment <50 kV	499,703		502,785		3,082
1825	Storage Battery Equipment	-				-
1830	Poles, Towers & Fixtures	2,280,711		2,682,671		401,960
1835	Overhead Conductors & Devices	-				-
1840	Underground Conduit	-				-
1845	Underground Conductors & Devices	-				-
1850	Line Transformers	489,546		456,006		(33,540)
1855	Services (Overhead & Underground)	-				-
1860	Meters	156,560		166,676		10,116
1860	Meters (Smart Meters)	477,088		476,975		(113)
	Subtotal	\$ 3,903,608	\$	4,285,113	\$	381,505
Gener	ral Plant					
1905	Land	15,588		15,588		-
1908	Buildings & Fixtures	683,677		683,677		-
1910	Leasehold Improvements	-				-
1915	Office Furniture & Equipment (10 years)	40,034		40,034		0
1915	Office Furniture & Equipment (5 years)	22,685		22,685		-
1920	Computer Equipment - Hardware	-				-
1920	Computer EquipHardware(Post Mar. 22/04)	90		90		-
1920	Computer EquipHardware(Post Mar. 19/07)	62,982		21,000		(41,982)
1930	Transportation Equipment	764,811		764,811		-
1935	Stores Equipment	_				-
1940	Tools, Shop & Garage Equipment	100,520		108,892		8,372
1945	Measurement & Testing Equipment	-				-
1950	Power Operated Equipment	-				-
1955	Communications Equipment	-				-
1955	Communication Equipment (Smart Meters)	-				-
1960	Miscellaneous Equipment	-				-
1970	Load Management Controls Customer Premises	-				-
1975	Load Management Controls Utility Premises	-				-
1980	System Supervisor Equipment	_				-
1985	Miscellaneous Fixed Assets	_				-
	Subtotal	\$ 1,690,387	\$	1,656,777	-\$	33,610
Intangible	e Assets	· ·				•
1611	Computer Software	197,263		31,033		(166,230)
	Subtotal	197,263		31,033		(166,230)
Contribu	tions & Grants					
1995	Contributions & Grants					-
2440	Deferred Revenue					_
	Subtotal	_		-		_
	Total	\$ 5,791,258	\$	5,972,922	\$	347,895

#### Distribution Plant 2013 vs 2014

- 2 The variance of \$401,960 reported in 1830 for poles, towers and fixtures is for various pole
- 3 replacements that do not exceed the materiality threshold of \$50,000. Atikokan did however, have
- 4 a contractor complete some capital work that Atikokan did not have the resources to complete.
- 5 This job in total came in at \$149,158.01. Atikokan breakout its poles, towers and fixtures into
- 6 feeders and lines; as a result the following net capital additions were allocated as listed below for
- 7 2014, contributing to the variance.

<u>Table 2-12 Poles 1830</u>

1830 - Poles,	Towers & Fixture	s
Feeder/Line	2014 Net Capital	Comments
Feeder 1	37,837	No single project above materialilty threshold
Feeder 2	69,243	No single project above materialilty threshold
Feeder 3	107,266	No single project above materialilty threshold
Feeder 4	0	
Feeder 5	1,012	No single project above materialilty threshold
Feeder 6	0	
3M2 Line	161,392	Two projects; \$149,158.01 Fibreglass Pole and Cross Arm change and \$12,234.04 cross arm changes. Both outsourced contractors used with little Atikokan resources
3M3 Line	25,211	No single project above materiality threshold
Total	\$ 401,960	

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### Assets 2014 vs 2015

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2 No variances exceeding the materiality threshold; thereby non to discuss in 2014 versus 2015

## Table 2-13: 2014 vs 2015

Account	Description	2014	2015		
USoA	•	Actual	Actual	٧	ariance
	oution Plant				
1820	Distribution Station Equipment <50 kV	502,785	502,785		-
1825	Storage Battery Equipment	-			-
1830	Poles, Towers & Fixtures	2,682,671	2,844,263		161,592
1835	Overhead Conductors & Devices	-			-
1840	Underground Conduit	-			-
1845	Underground Conductors & Devices	-			-
1850	Line Transformers	456,006	460,475		4,469
1855	Services (Overhead & Underground)	-			-
1860	Meters	166,676	177,518		10,842
1860	Meters (Smart Meters)	476,975	476,884		(91)
	Subtotal	\$ 4,285,113	\$ 4,461,925	\$	176,812
Gener	al Plant				
1905	Land	15,588	15,588		-
1908	Buildings & Fixtures	683,677	683,677		-
1910	Leasehold Improvements	-			-
1915	Office Furniture & Equipment (10 years)	40,034	40,034		-
1915	Office Furniture & Equipment (5 years)	22,685	22,685		-
1920	Computer Equipment - Hardware	-			-
1920	Computer EquipHardware(Post Mar. 22/04)	90	90		0
1920	Computer EquipHardware(Post Mar. 19/07)	21,000	28,436		7,436
1930	Transportation Equipment	764,811	754,182		(10,629)
1935	Stores Equipment	-			-
1940	Tools, Shop & Garage Equipment	108,892	123,069		14,177
1945	Measurement & Testing Equipment	-			-
1950	Power Operated Equipment	-			-
1955	Communications Equipment	-			-
1955	Communication Equipment (Smart Meters)	-			-
1960	Miscellaneous Equipment	-			-
1970	Load Management Controls Customer Premises	-			_
1975	Load Management Controls Utility Premises	-			-
1980	System Supervisor Equipment	-			-
1985	Miscellaneous Fixed Assets	-			-
	Subtotal	\$ 1,656,777	\$ 1,667,762	\$	10,984
Intangible	e Assets				
1611	Computer Software	31,033	42,959		11,926
	Subtotal	31,033	42,959		11,926
Contribu	tions & Grants		•		·
1995	Contributions & Grants				-
2440	Deferred Revenue		(20,123)		(20,123)
	Subtotal	-	(20,123)		(20,123)
	Total	\$ 5,972,922	\$ 6,152,523	\$	167,673

## Distribution Plant 2014 vs 2015

## **Table 2-14 Poles 1830**

Feeder/Line	2015 Net Capital	Comments
Feeder 1	2,536	
Feeder 2	51,658	No single project above materialilty threshold
Feeder 3	63,010	No single project above materialilty threshold
Feeder 4	13,213	
Feeder 5	13,511	
Feeder 6	90	
3M2 Line	0	
3M3 Line	17,575	No single project above materialilty threshold
Total	\$ 161,592	

## 1 Assets 2015 vs Bridge

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2 No variances exceeding the materiality threshold; thereby non to discuss.

## Table 2-15 2015 vs Bridge 2016

Account	Description		2015	20	16 Bridge		
USoA	·		Actual		Year	V	ariance
Distrib	oution Plant	,					
1820	Distribution Station Equipment <50 kV		502,785		523,985		21,200
1825	Storage Battery Equipment		-				-
1830	Poles, Towers & Fixtures		2,844,263		3,113,750		269,487
1835	Overhead Conductors & Devices		-				-
1840	Underground Conduit		-				-
1845	Underground Conductors & Devices		-				-
1850	Line Transformers		460,475		460,475		-
1855	Services (Overhead & Underground)		-				-
1860	Meters		177,518		170,049		(7,469
1860	Meters (Smart Meters)		476,884		476,884		-
	Subtotal	\$	4,461,925	\$	4,745,143	\$	283,218
Gene	ral Plant						
1905	Land		15,588		15,588		-
1908	Buildings & Fixtures		683,677		683,677		-
1910	Leasehold Improvements		-				-
1915	Office Furniture & Equipment (10 years)		40,034		40,034		-
1915	Office Furniture & Equipment (5 years)		22,685		22,685		-
1920	Computer Equipment - Hardware		-		1,905		1,905
1920	Computer EquipHardware(Post Mar. 22/04)		90		90		-
1920	Computer EquipHardware(Post Mar. 19/07)		28,436		28,436		-
1930	Transportation Equipment		754,182		754,182		-
1935	Stores Equipment		-				-
1940	Tools, Shop & Garage Equipment		123,069		127,069		4,000
1945	Measurement & Testing Equipment		-				-
1950	Power Operated Equipment		-				-
1955	Communications Equipment		-				-
1955	Communication Equipment (Smart Meters)		-				-
1960	Miscellaneous Equipment		-				-
1970	Load Management Controls Customer Premises		_				_
1975	Load Management Controls Utility Premises		-				-
1980	System Supervisor Equipment		-				_
1985	Miscellaneous Fixed Assets		-				_
	Subtotal	\$	1,667,762	\$	1,673,667	\$	5,905
Intangibl		т .	_,,,,,,,,,		_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	т	-,
	Computer Software		42,959		42,959		_
	Subtotal		42.959		42,959		_
Contribu	tions & Grants		,. 33		,		
1995	Contributions & Grants						_
2440	Deferred Revenue		(20,123)		(20,123)		_
	Subtotal		(20,123)		(20,123)		_
	Total	\$	6,152,523	\$	6,441,646	\$	289,123

## 1 Assets Bridge vs Test

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2 No variances exceeding the materiality threshold; thereby non to discuss.

## Table 2-15 Bridge 2016 vs Test 2017

Account USoA	Description	20	16 Bridge Year	2	017 Test Year	٧	ariance
Distril	bution Plant						
1820	Distribution Station Equipment <50 kV		523,985		545,185		21,200
1825	Storage Battery Equipment		-		,		-
1830	Poles, Towers & Fixtures		3,113,750		3,346,291		232,541
1835	Overhead Conductors & Devices		-				-
1840	Underground Conduit		-				-
1845	Underground Conductors & Devices		-				-
1850	Line Transformers		460,475		468,475		8,000
1855	Services (Overhead & Underground)		-				-
1860	Meters		170,049		170,049		-
1860	Meters (Smart Meters)		476,884		486,884		10,000
	Subtotal	\$	4,745,143	\$	5,016,884	\$	271,741
Gene	ral Plant						
1905	Land		15,588		15,588		-
1908	Buildings & Fixtures		683,677		683,677		-
1910	Leasehold Improvements		-				-
1915	Office Furniture & Equipment (10 years)		40,034		40,034		-
1915	Office Furniture & Equipment (5 years)		22,685		22,685		-
1920	Computer Equipment - Hardware		1,905		1,905		-
1920	Computer EquipHardware(Post Mar. 22/04)		90		90		-
1920	Computer EquipHardware(Post Mar. 19/07)		28,436		28,436		-
1930	Transportation Equipment		754,182		984,514		230,332
1935	Stores Equipment		-				-
1940	Tools, Shop & Garage Equipment		127,069				(127,069)
1945	Measurement & Testing Equipment		-				-
1950	Power Operated Equipment		-				-
1955	Communications Equipment		-				-
1955	Communication Equipment (Smart Meters)		-				-
1960	Miscellaneous Equipment		-				-
1970	Load Management Controls Customer Premises		-				-
1975	Load Management Controls Utility Premises		-				-
1980	System Supervisor Equipment		-				-
1985	Miscellaneous Fixed Assets		-				-
	Subtotal	\$	1,673,667	\$	1,776,930	\$	103,263
Intangibl	e Assets						
1611	Computer Software		42,959		42,959		-
	Subtotal		42,959		42,959		-
Contribu	tions & Grants						
1995	Contributions & Grants	<u> </u>					-
2440	Deferred Revenue		(20,123)		(20,123)		-
	Subtotal		(20,123)		(20,123)		-
	Total	\$	6,441,646	\$	6,816,650	\$	375,004

2.2.1.3 Allowance for Working capital

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- 3 In accordance with the filing requirements and OEB letter dated June 3, 2015, distributors may
- 4 take one of two approaches for the calculation of its working capital allowance: use a default
- 5 allowance approach or filing a lead/lag study. Atikokan used the default working capital allowance
- of 7.5% for both the 2016 Bridge and the 2017 Test Year in this Application. Atikokan did not file
- 7 a lead/lag study nor was instructed by the Board to do so.
- 8 Cost of Power
- 9 In calculating the 2017 Cost of Power, Atikokan adhered to OEB Filing Requirements and used
- the most current RPP TOU pricing and use of current Uniform Transmission Rates. Atikokan
- determined the split between RPP and non-RPP customers based on Atikokan customer data.
- 12 The following table shows a summary of the Cost of Power Expenses.

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## Table 2-16 Cost of Power 2017

2016 Load Foreacst	kWh	kW	%RPP		
Residential	9,625,755		96%		
General Service < 50 kW	5,275,055		96%		
General Service 50 to 4,999 kW	4,154,414	33,610	0%		
General Service 50 to 4,999 kW Interval	7,715,340	55,525	0%		
Street Lighting	461,749	1,430	0%		
TOTAL	27,232,313	35,040	0,0		
		23,013			
Electricity - Commodity RPP	Forecasted	2016 Loss			
Class per Load Forecast RPP	Metered	Factor		2016	
Residential	9,240,725	1.0778	9,959,653	\$0.11140	\$1,109,505
General Service < 50 kW	5,064,053	1.0778	5,458,036	\$0.11140	\$608,025
General Service 50 to 4,999 kW	. ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1.0778	0	\$0.11140	\$0
General Service 50 to 4,999 kW Interval		1.0778	0	\$0.11140	\$0
Street Lighting		1.0778	0	\$0.11140	\$0
TOTAL	14,304,778		15,417,689	7	\$1,717,531
	, ,				. , ,
Electricity - Commodity Non-RPP	Forecasted	2016 Loss			
Class per Load Forecast	Metered	Factor		2016	
Residential	385,030	1.0778	414,986	\$0.10772	\$44,702
General Service < 50 kW	211,002	1.0778	227,418	\$0.10772	\$24,497
General Service 50 to 4,999 kW	4,154,414	1.0778	4,477,627	\$0.10772	\$482,330
General Service 50 to 4,999 kW Interval	7,715,340	1.0778	8,315,594	\$0.10772	\$895,756
Street Lighting	461,749	1.0778	497,673	\$0.10772	\$53,609
TOTAL	12,927,535		13,933,298		\$1,500,895
Transmission - Network		Volume			
Class per Load Forecast		Metric		2016	
Residential		kWh	10,374,639	\$0.0046	
General Service < 50 kW		kWh	5,685,454	\$0.0041	
General Service 50 to 4,999 kW		kW	11,764	\$1.6599	
General Service 50 to 4,999 kW Interval		kW	21,847	\$1.7610	
Street Lighting		kW	1,430	\$1.2519	
TOTAL					\$215,064
Transmission - Connection		Volume			
Class per Load Forecast		Metric		2016	
Residential		kWh	10,374,639	\$0.0035	
General Service < 50 kW		kWh	5,685,454	\$0.0030	
General Service 50 to 4,999 kW		kW	11,764	\$1.1975	
General Service 50 to 4,999 kW Interval		kW	21,847	\$1.3235	
Street Lighting		kW	1,430	\$0.9256	
TOTAL					\$135,335

## 1 Table 2-16 continued

Wholesale Market Service				
Class per Load Forecast			2016	
Residential		10,374,639	\$0.0036	\$37,349
General Service < 50 kW		5,685,454	\$0.0036	\$20,468
General Service 50 to 4,999 kW		4,477,627	\$0.0036	\$16,119
General Service 50 to 4,999 kW Interval		8,315,594	\$0.0036	\$29,936
Street Lighting		497,673	\$0.0036	\$1,792
TOTAL		29,350,987	,	\$105,664
		, ,		, ,
Rural Rate Assistance				
Class per Load Forecast			2016	
Residential		10,374,639	\$0.0013	\$13,487
General Service < 50 kW		5,685,454	\$0.0013	\$7,391
General Service 50 to 4,999 kW		4,477,627	\$0.0013	\$5,821
General Service 50 to 4,999 kW Interval		8,315,594	\$0.0013	\$10,810
Street Lighting		497,673	\$0.0013	\$647
TOTAL		29,350,987		\$38,156
Ontario Electricity Support Program				
Class per Load Forecast			2016	
Residential		10,374,639	\$0.0011	\$11,412
General Service < 50 kW		5,685,454	\$0.0011	\$6,254
General Service 50 to 4,999 kW		4,477,627	\$0.0011	\$4,925
General Service 50 to 4,999 kW Interval		8,315,594	\$0.0011	\$9,147
Street Lighting		497,673	\$0.0011	\$547
TOTAL		29,350,987		\$32,286
Smart Meter Entity Charge				
Class per Load Forecast			2016	
Residential		1,389	\$0.7900	\$13,168
General Service < 50 kW		228	\$0.7900	\$2,161
General Service 50 to 4,999 kW		n/a		
General Service 50 to 4,999 kW Interval		n/a		
Street Lighting		n/a		
TOTAL		1,617		\$15,329
Cost of Power Account	2016			
4705-Power Purchased	\$3,218,425			
4708-Charges-WMS	\$105,664			
4714-Charges-NW	\$215,064			
4716-Charges-CN	\$135,335			
4730-Rural Rate Assistance	\$38,156			
Ontario Electricity Support Program	\$32,286			
Smart Meter Entity Charge	\$15,329			
4750-Low Voltage				
TOTAL	3,760,260			

- 1 The commodity price estimate used to calculate the Cost of Power included a split between RPP
- 2 and non-RPP customers based on actual Atikokan customer data. RPP Report for the period of
- 3 May 1, 2016 through April 30, 2017 published by the Board on April 14, 2016 provided the
- 4 following rate estimates used by Atikokan in the Cost of Power calculation.
- RPP TOU 11.14
- Non-RPP 10.772
- 7 Atikokan understands the commodity price will be updated to reflect any applicable changes prior
- 8 to Board Approval of this application.
- 9 Wholesale Market Service
- 10 The Wholesale Market Service Charges for the 2017 Test Year used the following rates in
- accordance with OEB Decision and rate Order EB-2016-0056
- Wholesale Market Charge \$0.0032 per kWh
- Capacity Based Recovery \$0.0004 per kWh
- Rural Rate Assistance charge \$0.0013 per kWh
- Ontario Electricity Support Program Charge \$0.0011 kwh
- These rates were used for calculating both the 2016 Bridge Year and 2017 Test Year Cost of
- 17 Power.
- 18 Network and Connection Charges monthly estimates by applying the forecasted 2017 kW by the
- 19 2015 Uniform Transmission Rates.
- 20 The network and connection charges used for cost of power calculations used the
- 21 Low Voltage Charge
- 22 Atikokan does not have low voltage charges and as such no charge was included in the Cost of
- 23 Power calculation.
- 24 Ontario Electricity Support Program
- The charge of \$0.0011 was applied to the forecasted power purchased for both the 2016 Bridge
- 26 Year and 2017 Test Year in accordance with Board decision EB-2015-0294.

- 1 Smart Meter Entity Charge
- 2 As per board approval, Atikokan included the Smart Meter Entity charge in the Cost of Power
- 3 calculation. This charge is a monthly fixed charged of \$0.79 per month for Residential and General
- 4 Service < 50 kW customers. Atikokan calculated the annual expense accordingly using load
- 5 forecasted customer count for these eligible customer rate classes.
- 6 Atikokan understands both Network and Connection Charges will be updated with applicable
- 7 changes prior to final approval of this rate application. Atikokan also understands the Smart Meter
- 8 Entity charge is subject to review and adjustment by the OEB.

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### 2.2.1.4 Treatment of Stranded Assets Related to Smart Meter Deployment

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- The OEB approved Atikokan's recovery of costs associated with stranded meters in its 2012 Cost
- of Service proceedings (EB-2011-0293). The order permitted the recovery of revenues from the
- 14 Stranded Smart Meter Rate Riders ending August 31, 2015. The USoA 1555 has a remaining
- 15 balance of \$575.61 as at December 31, 2015 (\$57.14 Principal and \$518.57 interest).
- 16 Accordingly, Atikokan is not seeking recovery of stranded meter costs in this Application.
- 17 However, Atikokan requests that this account be reconciled to stop the accumulation of interest
- on this small principal balance.
- 19 Appendix 2-S Stranded Meter table 2-17 is pictured below. Atikokan has no variances from year
- to year as Stranded Meters have been dealt with and approval for recovery in COS EB-2011-
- 21 0293.

22

#### **Table 2-17 Appendix 2-S Stranded Meter**

Year	Notes	Gross Asset Value	Accumulated Amortization	Contributed Capital (Net of Amortization)	Ne	t Asset	 oceeds on sposition	_	Residual Net Book Value
		(A)	(B)	(C)	(D) = (	A) - (B) - (C)	(E)	Ī	(F) = (D) - (E)
2006					\$	-		\$	-
2007					\$	-		\$	-
2008					\$	-		\$	-
2009		\$ 104,713	\$ 52,320		\$	52,393		\$	52,393
2010		\$ 104,713	\$ 66,829		\$	37,884		\$	37,884
2011		\$ 104,713	\$ 81,338		\$	23,375	\$ 23,376	-\$	1
2012							\$ 23,376	-\$	23,376
2013					\$	-		\$	-
2014					\$	-		\$	-
2015									
2016	(1)				\$	_		\$	-

## 2.2.2 Capital Expenditures

2 2.2.2.1 Planning

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- 4 In accordance with the Filing Requirements, Atikokan is filing a consolidated Distribution System
- 5 Plan ("DSP") as a stand-alone document in Attachment A to this Exhibit. Atikokan has organized
- the information contained in the DSP using the headings indicated in Chapter 5 of the Board's
- 7 Filing Requirements for Electricity Distribution and Transmission Applications, Consolidated
- 8 Distribution System Plan Filing Requirements dated March 23, 2013. The DSP incorporates
- 9 matters pertaining to asset management, regional planning and renewable energy generation.
- 10 The four categories of system investments have been addressed in Atikokan's capital expenditure
- plan, including system renewal, system access, system service and general plan. Atikokan has
- 12 provided historical spending by material capital project in the new categories required by the
- Board for the 2012 Actual, 2013 Actual, 2014 Actual, 2015 Actual, 2016 Bridge and 2017 Test
- 14 Years. This is Atikokan's first Distribution System Plan and as such there are no previously filed
- plans to compare to.
- Atikokan participates and coordinates with third parties including telecommunication companies,
- other utility companies, participates in the IESO led Integrated Regional Resource Planning
- 18 ("IRRP") process, communicates with the transmitter Hydro One, and foremost the needs of the
- 19 Town of Atikokan and its ratepayer requests. For more information related to Atikokan's planning
- 20 process see section 5.2.2 of the Distribution System Plan.
- 21 Based on evaluation of the distribution system Atikokan is not proposing any capital investments
- 22 for capacity upgrades to accommodate applications for the connection of renewable energy
- 23 generation plant for the 2017 year.

24

### Regional Planning

- 27 Regional planning has identified replacement of the transformers at Moose Lake TS in the early
- 28 2020s; owned by Atikokan Hydro's upstream transmitter Hydro One. This should not result in
- 29 distribution investments for Atikokan Hydro but result in greater reliability in the supply to
- 30 Atikokan's feeds. The Final IESO West of Thunder Bay IRRP Report published July 27, 2016
- 31 supports this. The final report is included as an Attachment of the Distribution System Plan.

Filed: October 3, 2016

- 1 Atikokan has in the last year had discussions with Hydro One regarding the Moose Lake TS and
- tabled the idea with Regional Planning on relocating the Moose Lake TS inside Atikokan Town
- 3 Limits. As the final IRRP Report indicates, due to the significant investment this would take; this
- 4 is not part of regional planning at this time.
- 5 While no formal discussions have occurred, as Atikokan's DS Plan indicates Atikokan has
- 6 communicated with the Ministry of Natural Resources about Steep Rock Reclamation Project.
- 7 The Steep Rock Reclamation and the rising water levels in the area is something the Regional
- 8 Planning group is familiar with. Information shared with Hydro One from the Ministry of Natural
- 9 Resources have indicated their Moose Lake TS will be affected by 2070. Atikokan Hydro has
- imminent concerns with the rising water levels. This is in discussion mode only and Atikokan
- has little input or information to share with the Board at this time. Atikokan is trying to keep
- abreast of this situation as it will clearly impact our LDC. There is little to report here because
- there has been no formal regional infrastructure plans announced. Atikokan's Distribution
- 14 System Plan has further explanation on 'Steep Rock Reclamation'.

1617 Planning Horizon

- 19 In accordance with filing requirements, Atikokan has put in place a 5 year plan for infrastructure;
- 20 Distribution System Plan. This is Atikokan's first Distribution System Plan and for this reason, this
- 21 plan of Atikokan's is considered somewhat at infancy as we continue to gather and copulate data
- so it can be easily noted where improvements are discretionary verses non- discretionary.
- 23 Atikokan had stated previously that 2017 would be our magic completion date and are striving for
- this.

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- 25 2.2.2.2 Required Information
- 27 Atikokan's Distribution System Plan (DSP) is included as an Attachment A of this Exhibit.

Filed: October 3, 2016

2.2.2.3	Capitalization Policy	y
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- 3 Atikokan does not have a formal depreciation/amortization policy. However, best practices are
- 4 adopted following IFRS guidelines supported by Atikokan's external auditors and OEB guidelines.
- 5 Atikokan presented the changes to capital asset useful life in its last COS; EB-2011-0293,
- 6 transitioning to MIFRS. These changes in capitalization and useful lives were board approved
- 7 and as such are the same practices used. Atikokan's 2015 Audited Financial Statements adopted
- 8 IFRS financial statement presentation.
- 9 Effective January 1, 2015 Atikokan adopted IFRS and as such Atikokan's 2015 Audited Financial
- 10 Statements followed the IFRS and presentation.
- Plant property and equipment includes expenditures that are directly attributable to the acquisition
- of the asset. The cost of self-constructed assets includes the costs of materials, direct labour and
- other costs directly attributable to extending the useful life of the asset. This includes Atikokan
- does not have any asset retirement obligations at this time.
- All capital additions assume the half year rule depreciation expense.

## 17 2.2.2.4 Capitalization of Overhead

19 OEB Appendix 2-D below provides a summary of OM&A before capitalization and a breakdown

of capitalized OM&A.

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#### 1

#### **Table 2.18 Overhead Expense & Capitalization**

OM&A Before Capitalization	2012 Historical Year	2013 Historical Year	2014 Historical Year	2015 Historical Year	2016 Bridge Year	2017 Test Year
	\$ 1,195,282	\$ 1,149,559	\$ 1,163,778	\$ 1,261,470	\$ 1,277,533	\$ 1,261,455
Total OM&A Before Capitalization (B)	\$ 1,195,282	\$ 1,149,559	\$ 1,163,778	\$ 1,261,470	\$ 1,277,533	\$ 1,261,455

Applicants are to provide a breakdown of capitalized OM&A in the below table. Capitalized OM&A may be broken down using the categories listed in the table below if possible. Otherwise, applicants are to provide its own break down of capitalized OM&A.

Capitalized OM&A	2012 Historical Year		2013 Ir Historical Year		2014 Historical Year		2015 Historical Year		2016 Bridge Year		2017 Test Year		Directly Attributable? (Yes/No)
Benefits			\$	4,030	\$	8,150	\$	9,085	\$	8,580	\$	8,775	Yes
Labour	\$	52,031	\$	42,582	\$	103,079	\$	83,197	\$	68,640	\$	70,184	Yes
Material	\$	40,784	\$	34,899	\$	85,087	\$	63,050	\$	54,500	\$	54,500	Yes
Trucks/Equipment	\$	18,949	\$	16,853	\$	67,510	\$	51,890	\$	30,600	\$	30,600	Yes
Total Capitalized OM&A (A)	\$	111,764	\$	98,364	\$	263,827	\$	207,221	\$	162,320	\$	164,059	

- 2
- 3 Atikokan capitalizes direct costs attributable to bringing the asset to the location and necessary
- 4 condition. These directly attributable costs include the purchase price, material costs, labour
- 5 including overhead burdens (benefits, employer portion of employee payroll) and trucks and
- 6 equipment used in construction of assets.
- 7 Atikokan relies on timesheets for both labour, trucks and equipment time to track the hours
- 8 associated to capital assets. The total hours on the job and applicable hourly rates are charged
- 9 to the asset for capitalization purposes. Labour is the hourly wage per the collective agreement;
- where payroll burdens are capitalized at \$5/hour. Atikokan believes and assumed this burden rate
- to capture the portion of payroll burdens associated with labour.
- 12 Prior to 2013, Atikokan did not capitalize payroll burdens. This is the only change in capitalization
- of overhead since Atikokan's last COS. Atikokan confirms direct labour, trucks and equipment
- were capitalized previously in prior rate applications.
- 15 Atikokan's capitalization rates are reviewed periodically by both management and external
- 16 auditors.

# 2.2.2.5 Costs of Eligible Investments for the Connection of Qualifying Generation Facilities

4 Atikokan does not have nor is seeking permission for recovery of investments and costs to

- 5 connect Qualifying Generation Facilities in its capital costs or in its Distribution System Plan. This
- 6 is consistent with Atikokan Renewable Energy Plan ("REG"). Atikokan's REG Plan has been
- 7 included as an Appendix in Atikokan's Distribution System Plan.

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9 2.2.2.6 New Policy Options for the Funding of Capital

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- In this application Atikokan is not proposing or seeking to utilize funding its capital expenditures
- under the new policy option The Advanced Capital Module.

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- 14 2.2.2.7 Addition of Previously Approved ACM and ICM Project Assets to Rate
- 15 Base

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- 17 Atikokan confirms it has not previously applied for nor received any Incremental Capital Module
- 18 ("ICM") adjustments as part of previous OEB applications. Therefore, there are no subaccounts
- 19 or variances to disclose.

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2.2.2.8 Service Quality and Reliability Performance

- 23 Atikokan follows the Board's Reporting and Record Keeping Requirements Guideline to report its
- 24 service quality indicators annually. In accordance to the Filing Requirements, OEB Appendix 2 G
- 25 is below, Table 2-18. The table provides the performance measures for the last five historical
- 26 years 2011 through 2015 and are reported in accordance with Chapter 7 of the OEB's Distribution
- 27 System Code. These indices provide Atikokan with annual measures of its service performance
- that are used for internal benchmarking purposes. Atikokan confirms the data reported in Table
- 29 2X (OEB Appendix 2 G) is consistent with Atikokan's Scorecard.

Table 2-18 - Service Reliability

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#### Service Reliability

Index	Including outages caused by loss of supply					Excludi	ing outage	es caused	by loss of	supply	Excluding Major Event Days				
illuex	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
SAIDI	0.780	4.310	3.430	0.370	4.150	0.020	0.300	3.430	0.370	0.130					
SAIFI	0.360	1.470	1.120	0.090	1.040	0.150	0.470	1.120	0.090	0.030					

5 Year Historical Average

SAIDI	2.608	0.850
SAIFI	0.816	0.372

SAIDI = System Average Interruption Duration Index

- SAIFI = System Average Interruption Frequency Index
- 3 As the table shows above, Atikokan has historically reported annually the following Service
- 4 Reliability Indices:
  - SAIDI Total Customer- Hours of Interruptions/Total Customers Served
    - SAIFI –Total Customer Interruptions/Total Customers Served
    - CAIDI Total Customer-Hours of Interruptions/Total Customer Interruptions
- 8 It should be noted, the Board issued a new reporting statistic for major events; therefore there are
- 9 no historical reporting statistics available.

#### **Service Quality**

Indicator	OEB Minimum Standard	2011	2012	2013	2014	2015	
Low Voltage Connections	90.0%	NA	100.0%	NA	NA	100.0%	
High Voltage Connections	90.0%	NA	NA	NA	NA	100.0%	
Telephone Accessibility	65.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
Appointments Met	90.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
Written Response to Enquires	80.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
Emergency Urban Response	80.0%	100.0%	100.0%	100.0%	NA	100.0%	
Emergency Rural Response	80.0%	100.0%	NA	NA	NA	NA	
Telephone Call Abandon Rate	10.0%	NA	NA	NA	NA	NA	
Appointment Scheduling	90.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
Rescheduling a Missed Appointment	100.0%	NA	NA	NA	NA	NA	
Reconnection Performance Standard	85.0%		100.0%	100.0%	100.0%	100.0%	

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- 1 Atikokan has consistently performed with in the Board's range of acceptable and targeted
- 2 performance over the historical year sand no corrective action is required.

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## 1 ATTACHMENT A: Distribution System Plan

## Appendix 2-AB Table 2 - Capital Expenditure Summary from Chapter 5 Consolidated Distribution System Plan Filing Requirements

First year of Forecast Period: 2017

	Historical Period (previous plan <sup>1</sup> & actual)														Forecast Period (planned)					
CATEGORY	2012		2013		2014		2015			2016			2017	2018	2019	2020	2021			
CATEGORT	Plan	Actual	Var	Plan	Actual	Var	Plan	Actual	Var	Plan	Actual	Var	Plan	Actual <sup>2</sup>	Var	2017	2018	2019	2020	2021
	\$ '000		%	\$ 000		%	\$ '000		%	\$ '000		%	\$ 000		%		\$ 1000			
System Access		253,960	_		184,469			10,116	-		22,705					10,000	40,000	50,000	15,000	10,000
System Renewal		98,734	_		126,193			439,244	-		201,109	-	300,695	145,805	-51.5%	261,740	92,000	114,000	167,000	182,000
System Service			_						-			-			-					
General Plant		13,029	_			-		9,741	-		32,927	_	5,905	3,340	-43.4%	364,000	73,000	37,000	28,000	18,000
TOTAL EXPENDITURE	-	365,723	_	-	310,662		-	459,100	-	-	256,741	-	306,600	149,145	-51.4%	635,740	205,000	201,000	210,000	210,000
System O&M		\$299,253	_		\$412,631			\$410,090	-			-	\$ 314,110	\$196,865	-37.3%	\$ 497,618	\$ 507,322	\$ 517,214	\$ 527,300	\$ 537,582

#### Notes to the Table

1. Historical "previous plan" data is not required unless a plan has previously been filed. However, use the last Board-approved, at least on a Total (Capital) Expenditure basis for the last cost of service rebasing year, and the applicant should include their planned budget in each subsequent historical year up to and including the Bridge Year.

2. Indicate the number of months of 'actual' data included in the last year of the Historical Period (normally a 'bridge' year):

3

4 Atikokan Hydro's Distribution System Plan in full detail has been uploaded as a separate file.