

CHAPLEAU PUBLIC UTILITIES CORPORATION

	2012 Test Year at Existing Rates	2012 Test Year Required Revenue
Revenue Deficiency	\$ -	\$ 200,442
Distribution Revenue @ current rates	\$ 622,588	\$ 622,588
Other Operating Revenue	\$ 41,735	\$ 41,735
Total Revenue	\$ 664,323	\$ 864,765
Operatrion and Maintenance	\$ 205,440	\$ 205,440
Administration and General	\$ 364,700	\$ 364,700
Billing and Collection	\$ 84,200	\$ 84,200
Depreciation - Plant and Equipment	\$ 75,576	\$ 75,576
Property Taxes	\$ 10,150	\$ 10,150
Other Expenses	\$ 3,000	\$ 3,000
Deemed Interest	\$ 54,591	\$ 54,591
Total Costs and Expenses	\$ 797,657	\$ 797,657
Income Before Income Taxes	-\$ 133,334	\$ 67,108
Corporate Income Taxes	-\$ 16,018	\$ 15,050
Net Income	-\$ 117,316	\$ 52,058
Total Rate Base	\$ 1,518,609	\$ 1,518,609
Exemption	\$ 15,000,000	\$ 15,000,000
Deemed Taxable Capital	-\$ 13,481,391	-\$ 13,481,391
Ontario Capital Tax	\$ -	\$ -
Income Before Taxes	-\$ 133,334	\$ 67,108
Tax Adjustments to Income	\$ 29,990	\$ 29,990
Taxable Income	-\$ 103,344	\$ 97,098
Income Tax Expense	-\$ 16,018	\$ 15,050
Tax rate Reflecting Tax Credit	15.50%	15.50%
Rate Base	\$ 1,518,609	\$ 1,518,609
Interest Expense	\$ 54,591	\$ 54,591
Net Income	-\$ 117,316	\$ 52,058
Actual Return on Rate Base	-\$ 62,725	\$ 106,649
Actual Return on Rate Base	-4.13%	7.02%
Required Return on Rate Base		
Rate Base	\$ 1,518,609	\$ 1,518,609
Return Rates		
Return on Debt (weighted)	5.99%	5.99%
Return on Equity	8.57%	8.57%
Deemed Interest Expense	\$ 54,591	\$ 54,591
Return On Equity	\$ 52,058	\$ 52,058
Total return	\$ 106,649	\$ 106,649
Expected Return on Rate Base	7.02%	7.02%
Revenue Deficiency Before Tax	\$ 169,374	\$ -
Revenue Deficiency After Tax	\$ 200,442	\$ -

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Adjustments Required to Sheet O1 in CA Model to reassess revenue, costs and net asset applications for actual 27 km.

Adjustment Detail	TOTAL	Res	<50 kW	>50kW	Street L	Sentinel L	USL
Misc Revenue - COS for 0 - 22 km	\$ 41,735	\$ 27,828	\$ 8,253	\$ 3,859	\$ 1,481	\$ 211	\$ 104
Misc Revenue - COS for 22 - 44 km	\$ 41,735	\$ 28,085	\$ 7,896	\$ 3,424	\$ 1,972	\$ 245	\$ 113
Difference	\$ -	-\$ 257	\$ 357	\$ 435	-\$ 492	-\$ 34	-\$ 9
Adj. Required to Misc Revenue for 27 km	-\$ 0	-\$ 199	\$ 276	\$ 336	-\$ 380	-\$ 26	-\$ 7
Total Expenses - COS for 0 - 22 km	\$ 812,706	\$ 533,724	\$ 161,395	\$ 80,479	\$ 31,865	\$ 3,645	\$ 1,599
Total Expenses - COS for 22 - 44 km	\$ 812,706	\$ 538,195	\$ 153,583	\$ 72,701	\$ 42,098	\$ 4,347	\$ 1,782
Difference	\$ -	-\$ 4,471	\$ 7,812	\$ 7,778	-\$ 10,233	-\$ 702	-\$ 183
Adj. Required to Total Expenses for 27 km	-\$ 0	-\$ 3,455	\$ 6,036	\$ 6,010	-\$ 7,907	-\$ 542	-\$ 141
Allocated Net Income - COS Model for 0 - 22 km	\$ 52,058	\$ 34,116	\$ 10,118	\$ 6,006	\$ 1,670	\$ 117	\$ 31
Allocated Net Income - COS Model for 22 - 44 km	\$ 52,058	\$ 34,263	\$ 9,784	\$ 5,740	\$ 2,087	\$ 146	\$ 38
Difference	\$ -	-\$ 147	\$ 334	\$ 266	-\$ 417	-\$ 29	-\$ 7
Adj. Required to Allocated Net Income for 27 km	\$ -	-\$ 114	\$ 258	\$ 206	-\$ 322	-\$ 22	-\$ 5
Total Net Plant - COS Model for 0 - 22 km	\$ 1,036,683	\$ 679,393	\$ 201,486	\$ 119,605	\$ 33,250	\$ 2,336	\$ 614
Total Net Plant - COS Model for 22 - 44 km	\$ 1,036,683	\$ 682,306	\$ 194,842	\$ 114,303	\$ 41,563	\$ 2,906	\$ 763
Difference	\$ -	-\$ 2,913	\$ 6,644	\$ 5,302	-\$ 8,313	-\$ 570	-\$ 149
Adj. Required to Total Net Plant for 27 km	-\$ 0	-\$ 2,251	\$ 5,134	\$ 4,097	-\$ 6,425	-\$ 440	-\$ 115
OM&A Expenses - COS Model for 0 - 22 km	\$ 664,490	\$ 433,845	\$ 132,933	\$ 65,127	\$ 27,709	\$ 3,353	\$ 1,522
OM&A Expenses - COS Model for 22 - 44 km	\$ 664,490	\$ 437,951	\$ 125,952	\$ 58,012	\$ 36,903	\$ 3,984	\$ 1,687
Difference	\$ -	-\$ 4,106	\$ 6,981	\$ 7,115	-\$ 9,194	-\$ 631	-\$ 165
Adj. Required to OM&A Expenses for 27 km	\$ 0	-\$ 3,173	\$ 5,394	\$ 5,498	-\$ 7,104	-\$ 488	-\$ 128