

July 3, 2008

Ms. K. Walli Board Secretary Ontario Energy Board Suite 2701 2300 Yonge Street Toronto, Ontario M4P 1E4

#### By Hand

Re: Chapleau Public Utilities Corporation – 2008 Distribution Rates

**Board File Number EB-2007-0755** 

Response to Board Staff Submissions on draft Rate Order

Dear Ms. Walli:

Please find attached Chapleau Public Utilities Corporations' response to Board Staff submissions on the draft rate order which includes the following documentation:

- A proposed tariff of rates and charges; and,
- Supporting excel worksheets

These documents have been filed on behalf of Chapleau PUC electronically and in hard copy (2) with the Board. The Vulnerable Energy Consumers Coalition has received an electronic copy as well.

If you require additional information or further clarification please contact the undersigned.

Respectfully Submitted,

#### Peter Ioannou

cc. Ms. M. Morin, Chapleau PUC

# 2008 ELECTRICITY DISTRIBUTION RATES

#### EB-2007-0755

Chapleau Public Utilities Corporations' response to Board staff comments of June 24, 2008 on the draft Rate Order of June 11, 2008.

Chapleau PUC has made the following changes to its' draft Rate Order submission of June 11, 2008.

#### **Working Capital Allowance**

Chapleau PUCs' calculation of the cost of power used in the Working Capital Allowance calculation is based on the average wholesale purchases for the years 2006 of 29,569,274 kWh and 30,316,796 kWh for 2007 (average of 29,943,035 kWh). Chapleau PUC will recalculate the cost of power in accordance with the forecasted load documented in the Board's decision and adjusted for losses. The net change in the Working Capital Allowance (and Rate Base) is an increase of \$835.

The Low Voltage cost calculation of \$33,742 used in the Working Capital Allowance, as well as an expense directly recoverable in rates, is the correct amount not \$31,486, referenced on page 16 of the June 2, 2008 Decision. The difference of \$2,256 is related to a monthly service charge of \$188 and has been acknowledged by Board staff in their comments on the draft Rate Order of June 11, 2008.

The recalculated charges were shown in our May 5, 2008 submission "Comments and Clarifications to Board Staff Submission" page 7 as a total of \$33,742.35.

The costs are made up follows:

Shared Line	\$1,231
Shared D/S	<u>\$30,255</u>
Sub Total	\$31,486
Monthly Service Charge	<u>\$2,256</u>
Total	\$33,742

Note that the amount of \$31,486, referenced on page 16 of the June 2, 2008 Decision excluded the monthly charges.

#### **Cost of capital and Capital Structure**

The rate base of \$1,261,122 used to calculate Chapleau PUCs' service revenue requirement was a typographical error. The amount should have been \$1,260,325, however having applied the changes to the working Capital Allowance (above) the new recalculated rate base is now \$1,261,160 and is shown in the excel worksheet "Rate Base", included with this submission.

#### **Rate Design**

Due to a misunderstanding Chapleau PUC held all monthly service charges constant for all classes in the draft Rate Order, and will therefore adjust monthly service charges for the Unmetered Scattered Load, Sentinel Lights and Street Light classes to those proposed in our submission and identified on page 17 of the Boards' Decision of June 2, 2008. These rates, as shown below, have been adjusted and are identified in our excel worksheet "Rate Design", included with this submission.

Unmetered Scattered Load	\$20.17
Sentinel Lights	\$4.42
Street Lights	\$1.50

Chapleau PUC has identified the adjustment to the Unmetered Scattered Load class rates from those submitted in the application, therefore Chapleau PUC has corrected its' calculation for USL to that submitted in the application (worksheets) in "Exhibit 9 (a) Rate Design" and "Exhibit 9 (b) CA Rate Design". These changes have been made to the excel worksheet, included with this submission, "Rate Design"

#### **Revenue to Cost Ratios**

In the informational filing the results produced by the cost allocation process identified customer classes that are being subsidized (under100%) and those that are being overcontributing (over 100%). The following is the summary of these results taken from the Cost Allocation Model (Run 2).

	Revenue to Cost Ratio	\$ Over Contributing \$ (Subsidized)
Residential	113.51%	55,035
GS <50kW	91.37%	(11,199)
GS >50kW	78.79%	(14,819)
Unmetered Scattered Load	78.67%	(458)
Sentinel Lights	45.37%	(1,334)
Street Lights	17.39%	(27,226)

In Chapleau PUCs' original submission Exhibit 8, pages 35 and 36, and subsequent Interrogatory adjustments to rates Chapleau PUC has consistently maintained changes in Revenue to Cost Ratios to the General Service and USL classes. The proposed changes were that the GS <50 kW and the GS >50kW, that are under-contributing would be increased to 100%, from 91.4% and 78.8% respectively and for the USL class an increase from 78.7% to 84.7% and offset the Residential class that is over-contributing from 113.5% to 105.6%.

The following table shows the customer class Revenue to Cost Ratios between the Informational filing and the proposed 2008 filing and amount of the adjustment.

Customer Class	Informational Filing	Proposed 2008 Filing	Adjustment \$
Residential	113.5%	105.6%	(\$32,554)
General Service <50 kW	91.4%	100.0%	\$11,198
General Service >50 kW	78.8%	100.0%	\$14,819
Unmetered Scattered Load	78.7%	84.7%	\$130
Sentinel Lighting	45.4%	70.0%	\$602
Street Lighting	17.4%	35.0%	\$5,805

Following the customer class revenue adjustments from the EDR Model to Cost Allocated customer class revenues, Chapleau PUC has not changed the structure of allocating revenue to customer classes from our original submission as shown below.

<b>Customer Class</b>	EDR Model	Cost Allocation	Original	Current
	Allocation	Informational Filing	Submission	Submission
Residential	71.60%	63.20%	67.14%	66.73%
General Service <50 kW	18.43%	20.14%	20.14%	20.14%
General Service >50 kW	8.72%	10.84%	10.84%	10.84%
Unmetered Scattered Load	0.20%	0.33%	0.24%	0.24%
Sentinel Lighting	0.17%	0.38%	0.25%	0.27%
Street Lighting	0.88%	5.11%	1.42%	1.79%

Revenue to Cost Ratio adjustments made (as directed by the Board) to the Sentinel and Street-Lighting classes, to 70% and 35% respectively, are the only deviations to revenues from our original submission and offsetting the residential class.

The changes proposed by Chapleau PUC to eliminate or reduce cross subsidization between classes will be offset by the refunds of the deferral and variance accounts, over 3 years, and will have minimal customer impacts. The following are typical monthly customer impacts determined excluding the RSVA refunds and Rate Rider rates and also inclusive of all charges.

<b>Customer Class</b>	Consumption	% & \$ Increase (Decrease)		
		Excl. Other Rates	All Inclusive	
Residential	1,000 kWh	0.01% / \$0.80	(5.53%) / (\$7.00)	
GS <50kW	2,000 kWh	4.34% / \$8.00	(2.05%) / (\$5.03)	
GS >50kW	210,000 kWh 100 kW	0.01% / \$89.73	(0.074%) / (\$146.01)	
USL	200 kWh	19.04% / \$5.62	13.95% / \$5.06	
Sentinel Lights	222 kWh 0.6 kW	19.13% / \$3.56	2.16% / \$0.58	
Street Lights	865 kWh 2.3 kW	18.42% / \$11.31	7.76% / \$6.61	

# Chapleau Public Utilities Corporation DRAFT TARIFF OF RATES AND CHARGES

Effective May 1, 2008

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2007-0755

#### **APPLICATION**

- The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Codes, Guidelines or Orders of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.
- No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code, Guideline or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.
- This schedule does not contain any rates and charges relating to the electricity commodity (e.g. the Regulated Price Plan).

#### **EFFECTIVE DATES**

DISTRIBUTION RATES - May 1, 2008 for all consumption or deemed consumption services used on or after that date. SPECIFIC SERVICE CHARGES - May 1, 2008 for all charges incurred by customers on or after that date. LOSS FACTOR ADJUSTMENT – May 1, 2008 unless the distributor is not capable of prorating changed loss factors jointly with distribution rates. In that case, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

#### SERVICE CLASSIFICATIONS

#### Residential

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively by a single family unit, non-commercial. This can be a separately metered living accommodation, town house, apartment, semi-detached, duplex, triplex or quadruplex with residential zoning.

#### General Service Less Than 50 kW

This classification refers to a non residential account taking electricity at 750 volts or less whose average monthly average peak demand is less than, or is forecast to be less than, 50 kW.

#### General Service 50 to 4,999 kW

This classification refers to a non residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW.

#### **Unmetered Scattered Load**

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load.

#### Sentinel Lighting

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light.

#### Street Lighting

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template.

# Chapleau Public Utilities Corporation DRAFT TARIFF OF RATES AND CHARGES

Effective May 1, 2008

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2007-0755

#### **MONTHLY RATES AND CHARGES**

#### Residential

Service Charge	\$	19.92
Distribution Volumetric Rate	\$/kWh	0.0120
Regulatory Asset Recovery	\$/kWh	(0.0030)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0041
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0012
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### General Service Less Than 50 kW

Service Charge	\$	31.17
Distribution Volumetric Rate	\$/kWh	0.0136
Regulatory Asset Recovery	\$/kWh	(0.0031)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0037
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0011
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### General Service 50 to 4,999 kW

Service Charge	\$	152.82
Distribution Volumetric Rate	\$/kW	2.5441
Regulatory Asset Recovery	\$/kW	(1.1903)
Retail Transmission Rate – Network Service Rate	\$/kW	1.5137
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.4202
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### **Unmetered Scattered Load**

Service Charge (per connection)	\$	20.17
Distribution Volumetric Rate	\$/kWh	0.0136
Regulatory Asset Recovery	\$/kWh	(0.0009)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0037
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0011
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### **Sentinel Lighting**

Service Charge (per connection)	\$	4.42
Distribution Volumetric Rate	\$/kW	7.0857
Regulatory Asset Recovery	\$/kW	(0.9209)
Retail Transmission Rate – Network Service Rate	\$/kW	1.1474
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.3317
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Chapleau Public Utilities Corporation DRAFT TARIFF OF RATES AND CHARGES

Effective May 1, 2008

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

approved schedules of Rates, Charges and Loss Factors	F	B-2007-0755
Street Lighting	_	.D-2001-0133
Service Charge (per connection) Distribution Volumetric Rate Regulatory Asset Recovery Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)	\$ \$/kW \$/kW \$/kW \$/kWh \$/kWh \$	1.50 7.3354 (1.1014) 1.1416 0.3249 0.0052 0.0010 0.25
Specific Service Charges		
Customer Administration Arrears certificate Credit reference/credit check (plus credit agency costs) Returned Cheque (plus bank charges) Account set up charge/change of occupancy charge (plus credit agency costs if applicable) Special meter reads Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$ \$ \$ \$ \$	15.00 15.00 15.00 30.00 30.00 30.00
Non-Payment of Account  Late Payment - per month  Late Payment - per annum  Collection of account charge – no disconnection  Disconnect/Reconnect at meter – during regular hours	% % \$ \$	1.50 19.56 30.00 65.00
Install/Remove load control device – during regular hours Specific Charge for Access to the Power Poles – per pole/year	\$ \$	65.00 22.35
Allowances Transformer Allowance for Ownership - per kW of billing demand/month Primary Metering Allowance for transformer losses – applied to measured demand and energy	\$/kW %	(0.60) (1.00)
LOSS FACTORS		
Total Loss Factor – Secondary Metered Customer < 5,000 kW Total Loss Factor – Secondary Metered Customer > 5,000 kW Total Loss Factor – Primary Metered Customer < 5,000 kW Total Loss Factor – Primary Metered Customer > 5,000 kW		1.0654 N/A 1.0506 N/A

## Board File Number EB-2007-0755

License Number: ED-2002-0528

**EXHIBIT 2** 

Rate Base Calculation	Submission					Amended Submission				
		Test Ye	ar 2	2008		Test Ye	ar 2	800		
Net Fixed Assets			\$	909,588			\$	881,552		
Working Capital Allowance										
Power Purchased	\$	1,751,917			\$	1,637,462				
WMS charges	\$	153,468			\$	148,159				
Network charges	\$	133,613			\$	121,642				
Connection charges	\$	49,458			\$	33,168				
Low Voltage charges	\$	36,947			\$	33,742				
Power adjustment	\$	2,125,403			\$	1,974,173				
Expenses - Net of Depreciation										
less Low Voltage Charges	\$	567,822			\$	556,550				
Working Capital	\$	2,693,225			\$	2,530,723				
Working Capital Allowance @15%			\$ 4	403,983.75		_	\$	379,608		
Rate Base			\$	1,313,572			\$	1,261,160		
Service Revenue Requirement										
Rate Base	\$	1,313,572			\$	1,261,160				
Cost of Capital		7.25%				7.19%				
Return on Ratebase			\$	95,280			\$	90,677		
Distribution Expenses			\$	641,288			\$	592,526		
Revenue Requirement Before Income Taxes			\$	699,665			\$	683,203		
Income Taxes - from PILS Model			\$	-			\$	-		
Service Revenue Requirement			\$	699,665			\$	683,203		
Board Approoved Charges										
Specific Service Charges	\$	17,728			\$	17,728				
Late Payment Charges	\$	4,665			\$	4,665				
Other Distribution Revenue	\$	1,735			\$	1,735				
Other Income & Deductions	\$	20,852	\$	44,980	\$	20,852	\$	44,980		
Service Revenue Requirement			\$	654,685			\$	638,223		

Board File Number EB-2007-0755

License Number: ED-2002-0528

COST ALLOCATION AND RATE DESIGN

Results from the 2006 Cost Allocation Information Filing	F (F	Revenue Requiren		Revenue quirement From CA Model)			Proposed Adjustments		Adjusted Revenue Requirement		% Revenue Requirement (Per CA Model)	Proposed Revenue to Cost Ratio %	Informational Filing Revenue to Cost Ratios
Residential	\$	462,558	\$	407,234	-\$	55,324	-\$	32,554	\$	430,004	66.73%	105.6%	113.5%
General Service <50kW	\$	118,553	\$	129,751	\$	11,198	\$	11,198	\$	129,751	20.14%	100.0%	91.4%
General Service >50kW	\$	55,037	\$	69,856	\$	14,819	\$	14,819	\$	69,856	10.84%	100.0%	78.8%
Un-metered Scattered Load	\$	1,402	\$	2,148	\$	747	\$	130	\$	1,532	0.24%	71.3%	78.7%
Sentinel Lighting	\$	1,107	\$	2,441	\$	1,334	\$	602	\$	1,709	0.27%	70.0%	45.4%
Street lighting	\$	5,729	\$	32,955	\$	27,226	\$	5,805	\$	11,534	1.79%	35.0%	17.4%
	1												
TOTAL	\$	644,385	\$	644,385	\$	-	\$	-	\$	644,385	100.00%		

Customer Classes	Number of Customers/ Connections	kWh	kW	Distribution Revenue	2007 Ap Rates Ex Smart Me	clud	ding	Allocation to Customer Classes
					Fixed	١	Variable	
Residential	1,164	14,611,894		420,730	\$ 19.66	\$	0.0100	71.60%
General Service <50kW	166	5,500,653		108,328	\$ 30.91	\$	0.0085	18.43%
General Service >50kW	14	7,762,369	21,169	51,242	\$ 152.56	\$	1.2099	8.72%
Un-metered Scattered Load	6	6,991		1,173	\$ 15.46	\$	0.0085	0.20%
Sentinel Lighting	24	23,871	66	1,011	\$ 2.65	\$	3.7484	0.17%
Street lighting	341	295,064	780	5,168	\$ 0.80	\$	2.4286	0.88%
Total	1,715	28,200,842	22,015	587,652				100.00%

	A	pproved	Α	llocated	Cost	Р	roposed		Proposed		Fixed	١	/ariable	Fixed Charge	
Customer Classes	200	7 Service	F	Revenue	Allocated	Ac	djustment		Cost		Charge		Charge	as % of	
	(	Charge	Re	quirement	Revenue	to	Revenue		Allocated	Ċ	omponent	Со	mponent	Total	
					Requirement	Re	quirement		Revenue						
Residential	\$	19.66	\$	463,817	432,305	-\$	31,512	\$	432,305	\$	274,611	\$	157,694	63.5%	0.66730842
General Service <50kW	\$	30.91	\$	119,422	130,445	\$	11,023	\$	130,445	\$	61,573	\$	68,873	47.2%	
General Service >50kW	\$	152.56	\$	56,490	70,230	\$	13,740	\$	70,230	\$	25,630	\$	44,600	36.5%	
Un-metered Scattered Load	\$	20.17	\$	1,293	1,540	\$	247	\$	1,540	\$	1,452	\$	87	94.3%	
Sentinel Lighting	\$	4.42	\$	1,114	1,718	\$	604	\$	1,718	\$	1,273	\$	445	74.1%	
Street lighting	\$	1.50	\$	5,697	11,596	\$	5,899	\$	11,596	\$	6,138	\$	5,458	52.9%	
Total	ł		\$	647,833	647,833	-\$	0	\$	647,833	\$	370,677	\$	277,157	57.2%	
	•		\$	9,610	Less Transfor	mer	r Credits	-	,						
			\$	638,223	Base revenue	Rec	quirement f	ror	n Rate Base						

Customer Classes	Number of Customers/	kWh	kW	_	Oraft Service		Propose 2008 Varia			
	Connections			Cł	narge	kWh			kW	
Residential General Service <50kW	1,164 166	14,611,894 5,500,653		\$ \$	19.66 30.91	\$	0.0108 0.0125			
General Service >50kW Un-metered Scattered Load	14	7,762,369 6,991	21,169	\$	152.56 20.17	\$	0.0125	\$	2.1068	
Sentinel Lighting Street lighting	24 341	23,871 295,064	66 780		4.42 1.50			\$ \$	6.7407 6.9974	
Total	1,715	28,200,842	22,015							

		Draft	Propos	ed D	)raft	Sm	art Meter	Propose	ed D	raft			Dra	ft 2008 Rates	;	
Customer Classes	200	8 Service	2008 Varia	able	Rates	Rat	te Adder	Low Volt	age	Rate	,	Service		Variable	Rate	es
		Charge	kWh		kW			kWh		kW	Ch	arge/Mth		kWh		kW
Residential	\$	19.66	\$ 0.0108			\$	0.26	\$ 0.0012			\$	19.92	\$	0.0120		
General Service <50kW	\$	30.91	\$ 0.0125			\$	0.26	\$ 0.0011			\$	31.17	\$	0.0136		
General Service >50kW	\$	152.56		\$	2.1068	\$	0.26		\$	0.4372	\$	152.82			\$	2.5441
Un-metered Scattered Load	\$	20.17	\$ 0.0125			\$	-	\$ 0.0011			\$	20.17	\$	0.0136		
Sentinel Lighting	\$	4.42		\$	6.7407	\$	-		\$	0.3451	\$	4.42			\$	7.0857
Street lighting	\$	1.50		\$	6.9974	\$	-		\$	0.3380	\$	1.50			\$	7.3354
Total																

#### **Board File Number EB-2007-0755**

License Number: ED-2002-0528

#### **CALCULATION OF LOW VOLTAGE RATES**

To be allocated in proportion to the revenue from the Retail Transmission Service Connection rate

2007 actual Retail Transmission Service Connection R€ \$ 137,969

Low Voltage Cost \$ 33,742 24.46%

Low Voltage Rates are 24.46% of the Retail Transmission Service Connection Rates

#### **RSVA DRAFT RATES**

		Curr	ent	Rates				Proposed Draft Rates								
Customer Class	Unit of							WMS	N	letwork	C	onnection	Lov	w Voltage		
	measure	WMS	N	letwork		Connection	(N	lo Change)	Re	educe by	R	educe by	(2	4.46% of		
												17.3%		76.5%		nnection)
Residential	kWh	\$ 0.0052	\$	0.0049	\$	0.0050	\$	0.0052	\$	0.0041	\$	0.0012	\$	0.0012		
GS <50kW	kWh	\$ 0.0052	\$	0.0045	\$	0.0045	\$	0.0052	\$	0.0037	\$	0.0011	\$	0.0011		
GS >50kW	kW	\$ 0.0052	\$	1.8304	\$	1.7882	\$	0.0052	\$	1.5137	\$	0.4202	\$	0.4372		
USL	kWh	\$ 0.0052	\$	0.0045	\$	0.0045	\$	0.0052	\$	0.0037	\$	0.0011	\$	0.0011		
Sentinel Lights	kW	\$ 0.0052	\$	1.3874	\$	1.4113	\$	0.0052	\$	1.1474	\$	0.3317	\$	0.3451		
Street Lights	kW	\$ 0.0052	\$	1.3804	\$	1.3824	\$	0.0052	\$	1.1416	\$	0.3249	\$	0.3380		

Board File Number EB-2007-0755

License Number: ED-2002-0528

#### **DEFERRAL AND VARIANCE ACCOUNTS - DISPOSITION**

		Amount for		Method of Disposition
Account Description	a/c #	Dis	sposition	
Other Regulatory Assets	1508	\$	22,965	Distribution Revenue Shares
LV Variance	1550	\$	14,121	kWh
RSVA - Wholesale Market Service Charge	1580	-\$	27,372	kWh
RSVA - Retail Transmission Network Charge	1584	-\$	27,480	kWh
RSVA - Retail Transmission Connection Charge	1586	-\$	207,193	kWh
RSVA - Power	1588	-\$	36,389	kWh
Total		-\$	261,348	

CUSTOMER CLASS	kW	kWh	Number of Customers (Connections)	 stribution evenues	2008 DRAI Fixed	RATES ariable	
Residential		14,611,894	1,164	\$ 453,799	\$ 19.92	\$	0.0120
General Service <50kW		5,500,653	166	\$ 137,015	\$ 31.17	\$	0.0136
General Service >50kW	21,169	7,762,369	14	\$ 79,529	\$ 152.82	\$	2.5441
Un-metered Scattered Load		6,991	6	\$ 1,547	\$ 20.17	\$	0.0136
Sentinel Lighting	66	23,871	24	\$ 1,741	\$ 4.42	\$	7.0857
Street lighting	780	295,064	341	\$ 11,860	\$ 1.50	\$	7.3354
TOTAL	22,015	28,200,842	1,715	\$ 685,491			

#### INTERIM RATE RIDER CALCULATION

	Total	Residential	GS <50kW	GS >50kW	USL Se	ent. Lights Street Lights
Distribution Revenue	\$ 685,491	\$ 453,799	\$ 137,015	\$ 79,529 \$	1,547 \$	5 1,741 \$ 11,860
Customer class Allocation	100.02%	66.21%	19.99%	11.60%	0.23%	0.25% 1.73%
2008 kWh Consumption	28,200,842	14,611,894	5,500,653	7,762,369	6,991	23,871 295,064
Customer class kWh Allocation	100.00%	51.81%	19.51%	27.53%	0.02%	0.08% 1.05%
2008 kW Consumption	22,015			21,169		66 780
Other Regulatory Assets	\$ 22,965	\$ 15,206.13	\$ 4,591.18	\$ 2,664.89 \$	51.85 \$	58.33 \$ 397.40
LV Variance	\$ 14,121	\$ 7,316.61	\$ 2,754.34	\$ 3,886.85 \$	3.50 \$	11.95 \$ 147.75
RSVA - Wholesale Market Service Charge	-\$ 27,372	-\$ 14,182.44	-\$ 5,338.99	-\$ 7,534.23 -\$	6.79 -\$	23.17 -\$ 286.39
RSVA - Retail Transmission Network Charge	-\$ 27,480	-\$ 14,238.40	-\$ 5,360.05	-\$ 7,563.96 -\$	6.81 -\$	23.26 -\$ 287.52
RSVA - Retail Transmission Connection Charge	-\$ 207,193	-\$ 107,354.32	-\$40,413.57	-\$ 57,030.51 -\$	51.36 -\$	175.38 -\$ 2,167.85
RSVA - Power	-\$ 36,389	-\$ 18,854.48	-\$ 7,097.78	-\$ 10,016.18 -\$	9.02 -\$	30.80 -\$ 380.74
Total	-\$ 261,348	-\$ 132,107	-\$ 50,865	-\$ 75,593 -\$	19 -\$	182 -\$ 2,577
Rate per kWh/kW - Over 3 Years	-\$87,116	(0.0030)	(0.0031)	(1.1903)	(0.0009)	(0.9209) (1.1014)

# Chapleau Public Utilities Corporation DRAFT Tariff OF RATES AND CHARGES

Effective May 1, 2008

Board File Number: EB-2007-0755 License Number: ED-2002-0528

#### MONTHLY RATES AND CHARGES

Regulatory Asset Recovery

Retail Transmission Rate - Network Service Rate

$D \wedge c$	·ida	ntia	1

Residential		
Service Charge	\$	19.92
Distribution Volumetric Rate	\$/kWh	0.0120
Regulatory Asset Recovery	\$/kWh	(0.0030)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0041
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0012
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Regulated Price Plan – Administration Charge	\$	0.25
General Service Less Than 50 kW		
Service Charge	\$	31.17
Distribution Volumetric Rate	\$/kWh	0.0136
Regulatory Asset Recovery	\$/kWh	(0.0031)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0037
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0011
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Regulated Price Plan – Administration Charge	\$	0.25
General Service 50 to 4,999 kW		
Service Charge	\$	152.82
Distribution Volumetric Rate	\$/kW	2.5441
Regulatory Asset Recovery	\$/kW	(1.1903)
Retail Transmission Rate – Network Service Rate	\$/kW	1.5137
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.4202
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Regulated Price Plan – Administration Charge	\$	0.25
Unmetered Scattered Load		
Service Charge	\$	20.17
Distribution Volumetric Rate	\$/kWh	0.0136
Regulatory Asset Recovery	\$/kWh	(0.0009)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0037
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0011
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Regulated Price Plan – Administration Charge	\$	0.25
Sentinel Lighting		
Service Charge	\$	4.42
Distribution Volumetric Rate	\$/kW	7.0857
Regulatory Asset Recovery	\$/kW	(0.9209)
Retail Transmission Rate – Network Service Rate	\$/kW	1.1474
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.3317
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Regulated Price Plan – Administration Charge	\$	0.25
	*	3.23
Street Lighting		
Service Charge	\$	1.50
Distribution Volumetric Rate	\$/kW	7.3354
Description Asset Description	A // 14/	(4

\$/kW

(1.1014)

etail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.3249
Nholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Regulated Price Plan – Administration Charge	\$	0.25
Specific Service Charges Customer Administration		
Arrears certificate	\$	15.00
Credit reference/credit check (plus credit agency costs)	<u> </u>	15.00
Returned cheque charge (plus bank charges)	<u> </u>	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)		30.00
Special meter reads		30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	<u> </u>	30.00
	<del>-</del>	
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Disconnect/Reconnect at meter - during regular hours	\$	65.00
	\$	
	-	
Install/Remove load control device - during regular hours	\$	65.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35
	\$	
Allowances		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	-0.60
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	-1.00
	\$/kW	
LOSS FACTORS		
Total Loss Factor – Secondary Metered Customer < 5,000 kW		1.0654
Total Loss Factor – Secondary Metered Customer > 5,000 kW		N/A
Total Loss Factor – Primary Metered Customer < 5,000 kW		1.0506
Total Loss Factor – Primary Metered Customer > 5,000 kW		N/A

# Chapleau Public Utilities Corporation License Number: ED-2002-0528

License Number: ED-2002-0528 Board File Number: EB-2006-0755

**EXHIBIT** 

**Customer Impacts - Annualized Average** 

#### Residential

Consumption	100 kWh	Loss Factor	1.0654
Consumption	0 kW	LUSS T ACTO	1.0054

	2	007 BIL	L		2	00	08 BIL	L				<b>IMPACT</b>	
	Volume	RATE \$	Cŀ	HARGE \$	Volume		RATE \$	CI	HARGE \$		\$	%	% of Total Bill
Monthly Service Charge			\$	19.92				\$	19.92	\$	-	0.00%	68.76%
Distribution (kWh)	100	\$ 0.0100	\$	1.00	100	\$	0.0120	\$	1.20	\$	0.2000	20.00%	4.14%
Distribution (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$	-	0.00%	0.00%
Regulatory Assets (kWh)	100	\$ 0.0007	\$	0.07	100	-\$	0.0030	-\$	0.30	\$	(0.37)	-528.57%	-1.04%
Regulatory Assets (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$		0.00%	0.00%
Sub-Total			\$	20.99				\$	20.82	-\$	0.17	-0.81%	71.87%
Other Charges (kWh)	107	\$ 0.0231	\$	2.46	107	\$	0.0185	\$	1.97	\$	(0.49)	-19.91%	6.80%
Other Charges (kW)	0	\$ -	\$		0	\$	-	\$	-	\$	-	0.00%	0.00%
Cost of Power Commodity	107	\$ 0.0580	\$	6.18	107	\$	0.0580	\$	6.18	\$	-	0.00%	21.33%
Cost of Power Commodity	0	\$ 0.0670	\$	-	0	\$	0.0670	\$	-	\$		0.00%	0.00%
Total Bill before Taxes			\$	29.63				\$	28.97	\$	(0.66)	-2.23%	100%
GST ( 6%)			\$	1.78				\$	1.74	\$	(0.04)	-2.23%	
Total Bill after Taxes			\$	31.41				\$	30.71	\$	(0.70)	-2.23%	

Residential

Consumption 250 kWh Loss Factor 1.0654

	2	2007 BIL	L		2	00	08 BIL	L		IMPACT				
	Volume	RATE \$	CI	HARGE \$	Volume		RATE \$	С	HARGE \$		\$	%	% of Total Bill	
Monthly Service Charge			\$	19.92				\$	19.92	\$	-	0.00%	46.82%	
Distribution (kWh)	250	\$ 0.0100	\$	2.50	250	\$	0.0120	\$	3.00	\$	0.5000	20.00%	7.05%	
Distribution (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$	-	0.00%	0.00%	
Regulatory Assets (kWh)	250	\$ 0.0007	\$	0.18	250	-\$	0.0030	-\$	0.75	\$	(0.93)	-528.57%	-1.76%	
Regulatory Assets (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$	-	0.00%	0.00%	
Sub-Total			\$	22.60				\$	22.17	\$	0.43	-1.88%	52.11%	
Other Charges (kWh)	266	\$ 0.0231	\$	6.15	266	\$	0.0185	\$	4.93	\$	(1.23)	-19.91%	11.58%	
Other Charges (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$	-	0.00%	0.00%	
Cost of Power Commodity	266	\$ 0.0580	\$	15.45	266	\$	0.0580	\$	15.45	\$	-	0.00%	36.31%	
Cost of Power Commodity	0	\$ 0.0670	\$		0	\$	0.0670	\$	-	\$		0.00%	0.00%	
Total Bill before Taxes			\$	44.20				\$	42.55	\$	(1.65)	-3.73%	100%	
GST ( 6%)			\$	2.65				\$	2.55	\$	(0.10)	-3.73%		
Total Bill after Taxes			\$	46.85				\$	45.10	\$	(1.75)	-3.73%		

#### **Residential**

Concumntion	500 kWh	Loca Factor	4.0CE4
Consumption	0 kW	Loss Factor	1.0654

	2	2	00	8 BIL	L		IMPACT						
	Volume	RATE \$	С	HARGE \$	Volume		RATE \$	С	HARGE \$		\$	%	% of Total Bill
Monthly Service Charge			\$	19.92				\$	19.92	\$	-	0.00%	30.57%
Distribution (kWh)	500	\$ 0.0100	\$	5.00	500	\$	0.0120	\$	6.00	\$	1.0000	20.00%	9.21%
Distribution (kW)	0	\$ -	\$	-	0	\$	-	\$		\$	-	0.00%	0.00%
Regulatory Assets (kWh)	500	\$ 0.0007	\$	0.35	500	-\$	0.0030	-\$	1.50	\$	(1.85)	-528.57%	-2.30%
Regulatory Assets (kW)	0	\$ -	\$		0	\$	-	\$	-	\$	-	0.00%	0.00%
Sub-Total			\$	25.27				\$	24.42	-\$	0.85	-3.36%	37.47%

Other Charges (kWh)	533	\$ 0.0231	\$ 12.31	533	\$ 0.0185	\$ 9.85	\$ (2.45)	-19.91%	15.12%
Other Charges (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$ -	0.00%	0.00%
Cost of Power Commodity	533	\$ 0.0580	\$ 30.90	533	\$ 0.0580	\$ 30.90	\$ -	0.00%	47.41%
Cost of Power Commodity	0	\$ 0.0670	\$ -	0	\$ 0.0670	\$ -	\$	0.00%	0.00%
Total Bill before Taxes			\$ 68.47			\$ 65.17	\$ (3.30)	-4.82%	100%
GST ( 6%)			\$ 4.11			\$ 3.91	\$ (0.20)	-4.82%	
Total Bill after Taxes			\$ 72.58			\$ 69.08	\$ (3.50)	-4.82%	

## Residential

Consumption	1,000 kWh	Loss Footor	1.0654	$\Box$
Consumption	0 kW	Loss Factor	1.0034	

	2	007 BIL	.L		2	200	8 BIL	L		IMPACT				
	Volume	RATE \$	CI	HARGE \$	Volume		RATE \$	С	HARGE \$		\$	%	% of Total Bill	
Monthly Service Charge			\$	19.92				\$	19.92	\$		0.00%	17.66%	
Distribution (kWh)	1,000	\$ 0.0100	\$	10.00	1,000	\$	0.0120	\$	12.00	\$	2.0000	20.00%	10.64%	
Distribution (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$	-	0.00%	0.00%	
Regulatory Assets (kWh)	1,000	\$ 0.0007	\$	0.70	1,000	-\$	0.0030	-\$	3.00	\$	(3.70)	-528.57%	-2.66%	
Regulatory Assets (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$	-	0.00%	0.00%	
Sub-Total			\$	30.62				\$	28.92	-\$	1.70	-5.55%	25.64%	
Other Charges (kWh)	1065	\$ 0.0231	\$	24.61	1065	\$	0.0185	\$	19.71	\$	(4.90)	-19.91%	17.47%	
Other Charges (kW)	0	\$ -	\$		0	\$	-	\$	-	\$		0.00%	0.00%	
Cost of Power Commodity	800	\$ 0.0580	\$	46.40	800	\$	0.0580	\$	46.40	\$		0.00%	41.13%	
Cost of Power Commodity	265	\$ 0.0670	\$	17.78	265	\$	0.0670	\$	17.78	\$	-	0.00%	15.76%	
Total Bill before Taxes			\$	119.41				\$	112.81	\$	(6.60)	-5.53%	100%	
GST ( 6%)			\$	7.16				\$	6.77	\$	(0.40)	-5.53%		
Total Bill after Taxes			\$	126.58				\$	119.58	\$	(7.00)	-5.53%		
			\$	94.10				\$	94.90	\$	0.80	1.008501431		

## Residential

Consumption 2,000 kWh	Loss Factor 1.0654
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	2	007 BIL	L		2	00	8 BIL	L		IMPACT				
	Volume	RATE \$	Cl	HARGE \$	Volume		RATE \$	С	HARGE \$		\$	%	% of Total Bill	
Monthly Service Charge			\$	19.92				\$	19.92	\$	-	0.00%	9.36%	
Distribution (kWh)	2,000	\$ 0.0100	\$	20.00	2,000	\$	0.0120	\$	24.00	\$	4.0000	20.00%	11.27%	
Distribution (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$	-	0.00%	0.00%	
Regulatory Assets (kWh)	2,000	\$ 0.0007	\$	1.40	2,000	-\$	0.0030	-\$	6.00	\$	(7.40)	-528.57%	-2.82%	
Regulatory Assets (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$	-	0.00%	0.00%	
Sub-Total			\$	41.32				\$	37.92	-\$	3.40	-8.23%	17.81%	
Other Charges (kWh)	2131	\$ 0.0231	\$	49.22	2131	\$	0.0185	\$	39.42	\$	(9.80)	-19.91%	18.52%	
Other Charges (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$	-	0.00%	0.00%	
Cost of Power Commodity	800	\$ 0.0580	\$	46.40	800	\$	0.0580	\$	46.40	\$	-	0.00%	21.79%	
Cost of Power Commodity	1,331	\$ 0.0670	\$	89.16	1,331	\$	0.0670	\$	89.16	\$	-	0.00%	41.88%	
Total Bill before Taxes			\$	226.11				\$	212.90	\$	(13.20)	-5.84%	100%	
GST ( 6%)			\$	13.57				\$	12.77	\$	(0.79)	-5.84%		
Total Bill after Taxes			\$	239.67				\$	225.68	\$	(13.99)	-5.84%		

## General Service Less Than 50 kW

Consumption	1,000 kWh	Loss Factor	1.0654
Consumption	0 kW	2033 / 4010/	1.0004

	2007 BILL				2	00	8 BIL	L		IMPACT			
	Volume	RATE \$	CHA	RGE	Volume		RATE \$	C	HARGE \$		\$	%	% of Total Bill
Monthly Service Charge			\$	31.17				\$	31.17	\$	-	0.00%	25.42%
Distribution (kWh)	1,000	\$ 0.0085	\$	8.50	1,000	\$	0.0136	\$	13.60	\$	5.1000	60.00%	11.09%
Distribution (kW)	0	\$ -	\$		0	\$	-	\$		\$	-	0.00%	0.00%
Regulatory Assets (kWh)	1,000	-\$ 0.0001	-\$	0.10	1,000	-\$	0.0031	\$	3.10	\$	(3.00)	3000.00%	-2.53%
Regulatory Assets (kW)	0	\$ -	\$	-	0	\$	_	\$	-	\$	-	0.00%	0.00%
Sub-Total			\$	39.57				\$	41.67	\$	2.10	5.31%	33.98%
Other Charges (kWh)	1065	\$ 0.0222	\$	23.65	1065	\$	0.0180	\$	19.18	\$	(4.47)	-18.92%	15.64%
Other Charges (kW)	0	\$ -	\$	,	0			\$		\$	-	0.00%	0.00%
Cost of Power Commodity	1,065	\$ 0.0580	\$	61.79	1,065	\$	0.0580	\$	61.79	\$	-	0.00%	50.39%

Cost of Power Commodity	0	\$ 0.0670	\$ -	0	(	0.0670	\$ -	\$ -	0.00%	0.00%
Total Bill before Taxes			\$ 125.02				\$ 122.64	\$ (2.37)	-1.90%	100%
GST (6%)			\$ 7.50				\$ 7.36	\$ (0.14)	-1.90%	
Total Bill after Taxes			\$ 132.52				\$ 130.00	\$ (2.52)	-1.90%	

#### General Service Less Than 50 kW

Consumption	2,000 kWh	Loss Factor	1.0654
Consumption	0 kW	LOSS Tactor	1.0034

	2	007 BIL	L.		2	00	8 BIL	L		IMPACT			
	Volume	RATE \$	CI	HARGE \$	Volume		RATE \$	С	HARGE \$		\$	%	% of Total Bill
Monthly Service Charge			\$	31.17				\$	31.17	\$	-	0.00%	13.76%
Distribution (kWh)	2,000	\$ 0.0085	\$	17.00	2,000	\$	0.0136	\$	27.20	\$	10.2000	60.00%	12.01%
Distribution (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$	-	0.00%	0.00%
Regulatory Assets (kWh)	2,000	-\$ 0.0001	-\$	0.20	2,000	-\$	0.0031	-\$	6.20	\$	(6.00)	3000.00%	-2.74%
Regulatory Assets (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$	-	0.00%	0.00%
Sub-Total			\$	47.97				\$	52.17	\$	4.20	8.76%	23.03%
Other Charges (kWh)	2131	\$ 0.0222	\$	47.30	2131	\$	0.0180	\$	38.35	\$	(8.95)	-18.92%	16.93%
Other Charges (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$	-	0.00%	0.00%
Cost of Power Commodity	750	\$ 0.0580	\$	43.50	750	\$	0.0580	\$	43.50	\$	-	0.00%	19.20%
Cost of Power Commodity	1,381	\$ 0.0670	\$	92.51	1,381	\$	0.0670	\$	92.51	\$	-	0.00%	40.84%
Total Bill before Taxes			\$	231.29				\$	226.54	\$	(4.75)	-2.05%	100%
GST ( 6%)			\$	13.88				\$	13.59	\$	(0.28)	-2.05%	
Total Bill after Taxes			\$	245.16				\$	240.13	\$	(5.03)	-2.05%	
			\$	184.18				\$	192.18	\$	8.00	1.04343492	

#### General Service Less Than 50 kW

Concumention	10,000 kWh	Long Footon	4.0054
Consumption	0 kW	Loss Factor	1.0654

	2	007 BIL	L		2	00	8 BIL	L			<b>IMPACT</b>	
	Volume	RATE \$	С	HARGE \$	Volume		RATE \$	(	CHARGE \$	\$	%	% of Total Bill
Monthly Service Charge			\$	31.17				\$	31.17	\$ -	0.00%	3.01%
Distribution (kWh)	10,000	\$ 0.0085	\$	85.00	10,000	\$	0.0136	\$	136.00	\$ 51.0000	60.00%	13.14%
Distribution (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$ -	0.00%	0.00%
Regulatory Assets (kWh)	10,000	-\$ 0.0001	-\$	1.00	10,000	-\$	0.0031	-\$	31.00	\$ (30.00)	3000.00%	-3.00%
Regulatory Assets (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$ -	0.00%	0.00%
Sub-Total			\$	115.17				\$	136.17	\$ 21.00	18.23%	13.16%
Other Charges (kWh)	10654	\$ 0.0222	\$	236.52	10654	\$	0.0180	\$	191.77	\$ (44.75)	-18.92%	18.53%
Other Charges (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$ -	0.00%	0.00%
Cost of Power Commodity	750	\$ 0.0580	\$	43.50	750	\$	0.0580	\$	43.50	\$ -	0.00%	4.20%
Cost of Power Commodity	9,904	\$ 0.0670	\$	663.57	9,904	\$	0.0670	\$	663.57	\$ -	0.00%	64.11%
Total Bill before Taxes			\$	1,058.76				\$	1,035.01	\$ (23.75)	-2.24%	100%
GST ( 6%)			\$	63.53				\$	62.10	\$ (1.42)	-2.24%	
Total Bill after Taxes			\$	1,122.28				\$	1,097.11	\$ (25.17)	-2.24%	

#### General Service 50 to 4,999 kW

Consumntion	5,000 kWh	Laca Factor	1.0654
Consumption	50 kW	Loss Factor	1.0034

	2007 BILL				2008 BILL					IMPACT			
	Volume	RATE \$	C	HARGE \$	Volume		RATE \$	С	HARGE \$		\$	%	% of Total Bill
Monthly Service Charge			\$	152.79				\$	152.82	\$	0.03	0.02%	20.54%
Distribution (kWh)	5,000	\$ -	\$	-	5,000	\$	-	\$	-	\$	-	0.00%	0.00%
Distribution (kW)	50	\$ 1.2099	\$	60.50	50	\$	2.5441	\$	127.21	\$	66.71	110.27%	17.10%
Regulatory Assets (kWh)	5,000	\$ -	\$	-	5,000	\$	-	\$		\$	-	0.00%	0.00%
Regulatory Assets (kW)	50	-\$ 0.2732	-\$	13.66	50	-\$	1.1903	\$	59.52	\$	(45.86)	335.69%	-8.00%
Sub-Total			\$	199.63				\$	220.51	\$	20.89	10.46%	29.64%
Other Charges (kWh)	5327	\$ 0.0132	\$	70.32	5327	\$	0.0132	\$	70.32	\$	-	0.00%	9.45%
Other Charges (kW)	53	\$ 3.6186	\$	192.76	53	\$	1.9339	\$	103.02	\$	(89.74)	-46.56%	13.85%
Cost of Power Commodity	750	\$ 0.0580	\$	43.50	750	\$	0.0580	\$	43.50	\$	-	0.00%	5.85%
Cost of Power Commodity	4,577	\$ 0.0670	\$	306.66	4,577	\$	0.0670	\$	306.66	\$	-	0.00%	41.22%
Total Bill before Taxes			\$	812.86				\$	744.00	\$	(68.86)	-8.47%	100%

GST ( 6%)	\$ 48.77	\$	44.64	\$ (4.13)	-8.47%	
Total Bill after Taxes	\$ 861.64	\$	788.64	\$ (72.99)	-8.47%	

## General Service 50 to 4,999 kW

Consumption 210,000 kWh 100 kW Loss Factor 1.0654

	2	007 BIL	L	2	008 BIL	L		IMPACT	
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Monthly Service Charge			\$ 152.79			\$ 152.82	\$ 0.03	0.02%	0.83%
Distribution (kWh)	210,000	\$ -	\$ -	210,000	\$ -	\$ -	\$ -	0.00%	0.00%
Distribution (kW)	100	\$ 1.2099	\$ 120.99	100	\$ 2.5441	\$ 254.41	\$ 133.42	110.27%	1.38%
Regulatory Assets (kWh)	210,000	\$ -	\$ -	210,000	\$ -	\$ -	\$ -	0.00%	0.00%
Regulatory Assets (kW)	100	-\$ 0.2732	-\$ 27.32	100	-\$ 1.1903	-\$ 119.03	\$ (91.71)	335.69%	-0.65%
Sub-Total			\$ 246.46			\$ 288.20	\$ 41.74	16.94%	1.56%
Other Charges (kWh)	223734	\$ 0.0132	\$ 2,953.29	223734	\$ 0.0132	\$ 2,953.29	\$ -	0.00%	16.02%
Other Charges (kW)	107	\$ 3.6186	\$ 385.53	107	\$ 1.9339	\$ 206.04	\$ (179.49)	-46.56%	1.12%
Cost of Power Commodity	750	\$ 0.0580	\$ 43.50	750	\$ 0.0580	\$ 43.50	\$ -	0.00%	0.24%
Cost of Power Commodity	222,984	\$ 0.0670	\$ 14,939.93	222,984	\$ 0.0670	\$ 14,939.93	\$ -	0.00%	81.06%
Total Bill before Taxes			\$ 18,568.70			\$ 18,430.95	\$ (137.75)	-0.74%	100%
GST ( 6%)			\$ 1,114.12			\$ 1,105.86	\$ (8.26)	-0.74%	
Total Bill after Taxes			\$ 19,682.82			\$ 19,536.81	\$ (146.01)	-0.74%	

\$ 15,257.21 \$ 15,346.94 \$ 89.73 1.005881155

#### General Service 50 to 4,999 kW

Consumption 100,000 kWh 500 kW Loss Factor 1.0654

	2	007 BIL	L	2	2008 BIL	L	IMPACT			
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill	
Monthly Service Charge			\$ 152.79			\$ 152.82	\$ 0.03	0.02%	1.47%	
Distribution (kWh)	100,000	\$ -	\$ -	100,000	\$ -	\$	\$ -	0.00%	0.00%	
Distribution (kW)	500	\$ 1.2099	\$ 604.95	500	\$ 2.5441	\$ 1,272.05	\$ 667.10	110.27%	12.23%	
Regulatory Assets (kWh)	100,000	\$ -	\$ -	100,000	\$ -	\$ -	\$ -	0.00%	0.00%	
Regulatory Assets (kW)	500	-\$ 0.2732	-\$ 136.60	500	-\$ 1.1903	-\$ 595.15	\$ (458.55)	335.69%	-5.72%	
Sub-Total			\$ 621.14			\$ 829.72	\$ 208.58	33.58%	7.98%	
Other Charges (kWh)	106540	\$ 0.0132	\$ 1,406.33	106540	\$ 0.0132	\$ 1,406.33	\$ -	0.00%	13.53%	
Other Charges (kW)	533	\$ 3.6186	\$ 1,927.63	533	\$ 1.9339	\$ 1,030.19	\$ (897.44)	-46.56%	9.91%	
Cost of Power Commodity	750	\$ 0.0580	\$ 43.50	750	\$ 0.0580	\$ 43.50	\$ -	0.00%	0.42%	
Cost of Power Commodity	105,790	\$ 0.0670	\$ 7,087.93	105,790	\$ 0.0670	\$ 7,087.93	\$ -	0.00%	68.17%	
Total Bill before Taxes			\$ 11,086.53			\$ 10,397.67	\$ (688.86)	-6.21%	100%	
GST ( 6%)			\$ 665.19			\$ 623.86	\$ (41.33)	-6.21%		
Total Bill after Taxes			\$ 11,751.72			\$ 11,021.53	\$ (730.19)	-6.21%		

#### General Service 50 to 4,999 kW

Consumption 400,000 kWh Loss Factor 1.0654

2	2007 BILI	L		2	008 BIL	.L	IMPACT			
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill	
Monthly Service Charge			\$ 152.79			\$ 152.82	\$ 0.03	0.02%	0.42%	
Distribution (kWh)	400,000	\$ -	\$ -	400,000	\$ -	\$ -	\$ -	0.00%	0.00%	
Distribution (kW)	500	\$ 1.2099	\$ 604.95	500	\$ 2.5441	\$ 1,272.05	\$ 667.10	110.27%	3.53%	
Regulatory Assets (kWh)	400,000	\$ -	\$ -	400,000	\$ -	\$ -	\$ -	0.00%	0.00%	
Regulatory Assets (kW)	500	-\$ 0.2732	-\$ 136.60	500	-\$ 1.1903	-\$ 595.15	\$ (458.55)	335.69%	-1.65%	
Sub-Total			\$ 621.14			\$ 829.72	\$ 208.58	33.58%	2.30%	
Other Charges (kWh)	426160	\$ 0.0132	\$ 5,625.31	426160	\$ 0.0132	\$ 5,625.31	\$ -	0.00%	15.61%	
Other Charges (kW)	533	\$ 3.6186	\$ 1,927.63	533	\$ 1.9339	\$ 1,030.19	\$ (897.44)	-46.56%	2.86%	
Cost of Power Commodity	750	\$ 0.0580	\$ 43.50	750	\$ 0.0580	\$ 43.50	\$ -	0.00%	0.12%	
Cost of Power Commodity	425,410	\$ 0.0670	\$ 28,502.47	425,410	\$ 0.0670	\$ 28,502.47	\$ -	0.00%	79.10%	
Total Bill before Taxes			\$ 36,720.05			\$ 36,031.19	\$ (688.86)	-1.88%	100%	
GST ( 6%)			\$ 2,203.20			\$ 2,161.87	\$ (41.33)	-1.88%		
Total Bill after Taxes			\$ 38,923.25			\$ 38,193.06	\$ (730.19)	-1.88%		

#### **Unmetered Scattered Load**

Consumntion	100 kWh	Laca Factor	1.0654
Consumption	kW	Loss Factor	1.0034

2	2007 BILI	_			2	00	8 BIL	L			IMPACT	
	Volume	RATE \$	CHARG \$	ΞE	Volume		RATE \$	С	HARGE \$	\$	%	% of Total Bill
Monthly Service Charge			\$ 15	5.46				\$	20.17	\$ 4.71	30.47%	68.17%
Distribution (kWh)	100	\$ 0.0085	\$ 0	0.85	100	\$	0.0136	\$	1.36	\$ 0.5100	60.00%	4.60%
Distribution (kW)	0	\$ -	\$	-	0	69	-	\$	-	\$	0.00%	0.00%
Regulatory Assets (kWh)	100	-\$ 0.0001	-\$ C	0.01	100	-\$	0.0004	-\$	0.04	\$ (0.03)	300.00%	-0.14%
Regulatory Assets (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$ -	0.00%	0.00%
Sub-Total			\$ 16	6.30				\$	21.49	\$ 5.19	31.84%	72.63%
Other Charges (kWh)	107	\$ 0.0222	\$ 2	37	107	\$	0.0180	\$	1.92	\$ (0.45)	-18.92%	6.48%
Other Charges (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$	0.00%	0.00%
Cost of Power Commodity	107	\$ 0.0580	\$ 6	5.18	107	\$	0.0580	\$	6.18	\$	0.00%	20.89%
Cost of Power Commodity	0	\$ 0.0670	\$	-	0	\$	0.0670	\$	-	\$ -	0.00%	0.00%
Total Bill before Taxes			\$ 24	.84				\$	29.59	\$ 4.74	19.09%	100%
GST ( 6%)			\$ 1	.49				\$	1.78	\$ 0.28	19.09%	
Total Bill after Taxes			\$ 26	5.34				\$	31.36	\$ 5.03	19.09%	
			\$ 22	.49				\$	27.60	\$ 5.11	1.227218964	

#### **Unmetered Scattered Load**

Compumention	200 kWh	Lana Fantas	4.0054
Consumption	0 kW	Loss Factor	1.0654

2	2007 BIL	L			2008 BILL					IMPACT			
	Volume	RATE \$	С	HARGE \$	Volume		RATE \$	С	HARGE \$		\$	%	% of Total Bill
Monthly Service Charge			\$	15.46				\$	20.17	\$	4.71	30.47%	51.71%
Distribution (kWh)	200	\$ 0.0085	\$	1.70	200	\$	0.0136	\$	2.72	\$	1.0200	60.00%	6.97%
Distribution (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$		0.00%	0.00%
Regulatory Assets (kWh)	200	-\$ 0.0001	-\$	0.02	200	-\$	0.0004	-\$	0.08	\$	(0.06)	300.00%	-0.21%
Regulatory Assets (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$	-	0.00%	0.00%
Sub-Total			\$	17.14				\$	22.81	\$	5.67	33.08%	58.48%
Other Charges (kWh)	213	\$ 0.0222	\$	4.73	213	\$	0.0180	\$	3.84	\$	(0.89)	-18.92%	9.83%
Other Charges (kW)	0	\$ -	\$		0	\$	-	\$	-	\$		0.00%	0.00%
Cost of Power Commodity	213	\$ 0.0580	\$	12.36	213	\$	0.0580	\$	12.36	\$		0.00%	31.69%
Cost of Power Commodity	0	\$ 0.0670	\$		0	\$	0.0670	\$	-	\$	-	0.00%	0.00%
Total Bill before Taxes			\$	34.23				\$	39.00	\$	4.78	13.95%	100%
GST ( 6%)			\$	2.05				\$	2.34	\$	0.29	13.95%	
Total Bill after Taxes			\$	36.28				\$	41.34	\$	5.06	13.95%	
			\$	29.52				\$	35.14	\$	5.62	1.190388175	

#### **Unmetered Scattered Load**

Comprometica	1,000 kWh	Lana Fantou	4.0054
Consumption	0 kW	Loss Factor	1.0654

2	2007 BIL	L			2	200	08 BIL	L		IMPACT			
	Volume	RATE \$	CI	HARGE \$	Volume		RATE \$	С	HARGE \$		\$	%	% of Total Bill
Monthly Service Charge			\$	15.46				\$	20.17	\$	4.71	30.47%	17.21%
Distribution (kWh)	1,000	\$ 0.0085	\$	8.50	1,000	\$	0.0136	\$	13.60	\$	5.1000	60.00%	11.61%
Distribution (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$	-	0.00%	0.00%
Regulatory Assets (kWh)	1,000	-\$ 0.0001	-\$	0.10	1,000	-\$	0.0004	-\$	0.40	\$	(0.30)	300.00%	-0.34%
Regulatory Assets (kW)	0	\$ -	\$	-	0	\$	-	\$	-	\$		0.00%	0.00%
Sub-Total			\$	23.86				\$	33.37	\$	9.51	39.86%	28.48%
Other Charges (kWh)	1065	\$ 0.0222	\$	23.65	1065	\$	0.0180	\$	19.18	\$	(4.47)	-18.92%	16.37%
Other Charges (kW)	0	\$ -	\$		0	\$	-	\$	-	\$		0.00%	0.00%
Cost of Power Commodity	750	\$ 0.0580	\$	43.50	750	\$	0.0580	\$	43.50	\$	-	0.00%	37.12%
Cost of Power Commodity	315	\$ 0.0670	\$	21.13	315	\$	0.0670	\$	21.13	\$		0.00%	18.03%
Total Bill before Taxes			\$	112.14				\$	117.18	\$	5.04	4.49%	100%
GST ( 6%)			\$	6.73				\$	7.03	\$	0.30	4.49%	
Total Bill after Taxes			\$	118.87				\$	124.21	\$	5.34	4.49%	

#### **Sentinel Lighting**

Consumption	222 kWh	Loss Factor	1.0654
Consumption	0.6 kW	LUSS FACIO	1.0034

2	2007 BILI	L			2	00	8 BIL	L			<b>IMPACT</b>	
	Volume	RATE \$	CHAR(	GE	Volume		RATE \$	С	HARGE \$	\$	%	% of Total Bill
Monthly Service Charge			\$	2.65				\$	4.42	\$ 1.77	66.79%	17.06%
Distribution (kWh)	222	\$ -	\$	-	222	\$	-	\$	-	\$	0.00%	0.00%
Distribution (kW)	0.6	\$ 3.7484	\$	2.25	0.6	\$	7.0857	\$	4.25	\$ 2.00	89.03%	16.41%
Regulatory Assets (kWh)	222	\$ -	\$		222	\$	-	\$	-	\$	0.00%	0.00%
Regulatory Assets (kW)	0.6	\$ 3.0482	\$	1.83	0.6	-\$	0.9209	-\$	0.55	\$ (2.38)	-130.21%	-2.13%
Sub-Total			\$	6.73				\$	8.12	\$ 1.39	20.67%	31.34%
Other Charges (kWh)	237	\$ 0.0132	\$	3.12	237	\$	0.0132	\$	3.12	\$ -	0.00%	12.05%
Other Charges (kW)	1	\$ 2.7987	\$ :	1.79	1	\$	1.4791	\$	0.95	\$ (0.84)	-47.15%	3.65%
Cost of Power Commodity	237	\$ 0.0580	\$ 13	3.72	237	\$	0.0580	\$	13.72	\$	0.00%	52.96%
Cost of Power Commodity	0	\$ 0.0670	\$	-	0	\$	0.0670	\$	-	\$	0.00%	0.00%
Total Bill before Taxes			\$ 2	5.36				\$	25.90	\$ 0.55	2.16%	100%
GST ( 6%)			\$	1.52				\$	1.55	\$ 0.03	2.16%	
Total Bill after Taxes			\$ 2	6.88				\$	27.46	\$ 0.58	2.16%	
			\$ 18	8.62				\$	22.18	\$ 3.56	1.191349576	

#### **Sentinel Lighting**

Comprised	865 kWh	Long Footon	4.0054
Consumption	2.3 kW	Loss Factor	1.0654

2	2007 BILI	L			2	00	8 BIL	L		IMPACT			
	Volume	RATE \$	CH	IARGE \$	Volume		RATE \$	С	HARGE \$		\$	%	% of Total Bill
Monthly Service Charge			\$	2.65				\$	4.42	\$	1.77	66.79%	4.94%
Distribution (kWh)	865	\$ -	\$	-	865	\$	-	\$	-	\$	-	0.00%	0.00%
Distribution (kW)	2.3	\$ 3.7484	\$	8.62	2.3	\$	7.0857	\$	16.30	\$	7.68	89.03%	18.23%
Regulatory Assets (kWh)	865	\$ -	\$	-	865	\$	-	\$		69	-	0.00%	0.00%
Regulatory Assets (kW)	2.3	\$ 3.0482	\$	7.01	2.3	-\$	0.9209	-\$	2.12	\$	(9.13)	-130.21%	-2.37%
Sub-Total			\$	18.28				\$	18.60	\$	0.32	1.73%	20.81%
Other Charges (kWh)	922	\$ 0.0132	\$	12.16	922	\$	0.0132	\$	12.16	\$	-	0.00%	13.61%
Other Charges (kW)	2	\$ 2.7987	\$	6.86	2	\$	1.4791	\$	3.62	\$	(3.23)	-47.15%	4.05%
Cost of Power Commodity	750	\$ 0.0580	\$	43.50	750	\$	0.0580	\$	43.50	69	-	0.00%	48.67%
Cost of Power Commodity	172	\$ 0.0670	\$	11.50	172	\$	0.0670	\$	11.50	\$	-	0.00%	12.86%
Total Bill before Taxes			\$	92.30				\$	89.38	\$	(2.92)	-3.16%	100%
GST ( 6%)	•		\$	5.54				\$	5.36	\$	(0.18)	-3.16%	
Total Bill after Taxes			\$	97.84				\$	94.75	\$	(3.09)	-3.16%	

#### **Sentinel Lighting**

Consumntion	2,000 kWh	Lana Fantas	4.0054
Consumption	5 kW	Loss Factor	1.0654

2007 BILL					2008 BILL					IMPACT			
	Volume	RATE \$	С	HARGE \$	Volume		RATE \$	С	HARGE \$		\$	%	% of Total Bill
Monthly Service Charge			\$	2.65				\$	4.42	\$	1.77	66.79%	2.13%
Distribution (kWh)	2,000	\$ -	\$	-	2,000	\$	-	\$		\$		0.00%	0.00%
Distribution (kW)	5	\$ 3.7484	\$	18.74	5	\$	7.0857	\$	35.43	\$	16.69	89.03%	17.09%
Regulatory Assets (kWh)	2,000	\$ -	\$	-	2,000	\$	-	\$		\$		0.00%	0.00%
Regulatory Assets (kW)	5	\$ 3.0482	\$	15.24	5	-\$	0.9209	-\$	4.60	\$	(19.85)	-130.21%	-2.22%
Sub-Total			\$	36.63				\$	35.24	-\$	1.39	-3.79%	17.00%
Other Charges (kWh)	2131	\$ 0.0132	\$	28.13	2131	\$	0.0132	\$	28.13	\$	-	0.00%	13.57%
Other Charges (kW)	5	\$ 2.7987	\$	14.91	5	\$	1.4791	\$	7.88	\$	(7.03)	-47.15%	3.80%
Cost of Power Commodity	750	\$ 0.0580	\$	43.50	750	\$	0.0580	\$	43.50	\$	-	0.00%	20.99%
Cost of Power Commodity	1,381	\$ 0.0670	\$	92.51	1,381	\$	0.0670	\$	92.51	\$	-	0.00%	44.64%
Total Bill before Taxes			\$	215.68				\$	207.26	\$	(8.42)	-3.90%	100%
GST ( 6%)			\$	12.94				\$	12.44	\$	(0.51)	-3.90%	
Total Bill after Taxes			\$	228.62				\$	219.70	\$	(8.92)	-3.90%	

#### **Street Lighting**

Consumption	865 kWh	Loss Factor	1.0654
	2.3 kW	LOSS Factor	1.0034

2007 BILL				2	008 BIL	L	IMPACT			
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill	
Monthly Service Charge			\$ 0.80			\$ 1.50	\$ 1.50	187.50%	1.73%	
Distribution (kWh)	865	\$ -	\$ -	865	\$ -	\$ -	\$ -	0.00%	0.00%	
Distribution (kW)	2	\$ 2.4286	\$ 5.59	2	\$ 7.3354	\$ 16.87	\$ 11.29	202.04%	19.48%	
Regulatory Assets (kWh)	865	\$ -	\$ -	865	\$ -	\$ -	\$ -	0.00%	0.00%	
Regulatory Assets (kW)	2	\$ 0.0178	\$ 0.04	- 2	-\$ 1.1014	-\$ 2.53	\$ (2.57)	-6287.64%	-2.93%	
Sub-Total			\$ 6.43			\$ 15.84	\$ 10.21	158.89%	18.29%	
Other Charges (kWh)	922	\$ 0.0132	\$ 12.16	922	\$ 0.0132	\$ 12.16	\$ -	0.00%	14.05%	
Other Charges (kW)	2	\$ 2.7628	\$ 6.77	2	\$ 1.4665	\$ 3.59	\$ (3.18)	-46.92%	4.15%	
Cost of Power Commodity	750	\$ 0.0580	\$ 43.50	750	\$ 0.0580	\$ 43.50	\$ -	0.00%	50.24%	
Cost of Power Commodity	172	\$ 0.0670	\$ 11.50	172	\$ 0.0670	\$ 11.50	\$ -	0.00%	13.28%	
Total Bill before Taxes			\$ 80.36	i		\$ 86.59	\$ 7.04	8.75%	100%	
GST ( 6%)			\$ 4.82	!		\$ 5.20	\$ 0.37	7.76%		
Total Bill after Taxes			\$ 85.18	8		\$ 91.79	\$ 6.61	7.76%		
			\$ 61.38			\$ 72.69	\$ 11.31	1.18418783		

#### Street Lighting

Concumution	24,500 kWh	Loop Footon	4.0054
Consumption	65 kW	Loss Factor	1.065 <b>4</b>

2007 BILL					2008 BILL					IMPACT			
	Volume	RATE \$	С	HARGE \$	Volume		RATE \$	(	CHARGE \$		\$	%	% of Total Bill
Monthly Service Charge			\$	272.80				\$	511.50	\$	238.70	87.50%	16.47%
Distribution (kWh)	24,500	\$ -	\$		24,500	\$	-	\$	-	\$	-	0.00%	0.00%
Distribution (kW)	65	\$ 2.4286	\$	157.86	65	\$	7.3354	69	476.80	\$	318.94	202.04%	15.36%
Regulatory Assets (kWh)	24,500	\$ -	\$	-	24,500	\$	-	\$	-	\$	-	0.00%	0.00%
Regulatory Assets (kW)	65	\$ 0.0178	\$	1.16	65	-\$	1.1014	\$	71.59	\$	(72.75)	-6287.64%	-2.31%
Sub-Total			\$	431.82				\$	916.71	\$	484.89	112.29%	29.52%
Other Charges (kWh)	26102	\$ 0.0132	\$	344.55	26102	\$	0.0132	\$	344.55	\$	-	0.00%	11.10%
Other Charges (kW)	69	\$ 2.7628	\$	191.33	69	\$	1.4665	\$	101.56	\$	(89.77)	-46.92%	3.27%
Cost of Power Commodity	750	\$ 0.0580	\$	43.50	750	\$	0.0580	\$	43.50	\$	-	0.00%	1.40%
Cost of Power Commodity	25,352	\$ 0.0670	\$	1,698.60	25,352	\$	0.0670	\$	1,698.60	\$	-	0.00%	54.71%
Total Bill before Taxes			\$	2,709.80				\$	3,104.92	\$	395.12	14.58%	100%
GST ( 6%)			\$	162.59				\$	186.30	\$	23.71	14.58%	
Total Bill after Taxes			\$	2,872.38				\$	3,291.22	\$	418.83	14.58%	