

Chapleau Public Utilities Corporation

Load Forecast Bridge Year

Customer Classes	2011 Bridge Year		Loss Factor	Load Forecast 2011 kWh
	kWh	kW		
Residential Customers	14,430,938		1.0654	15,374,721
Gen Service <50 kW Customers	5,099,927		1.0654	5,433,462
Gen Service >50 kW Customers	7,367,030	19,462	1.0654	7,848,834
Unmetered Scattered Load	7,243		1.0654	7,717
Sentinel Lighting	26,021	66	1.0654	27,723
Street Lighting	293,647	780	1.0654	312,852
TOTAL Customers/Connections	27,224,806	20,308	1.0654	29,005,308

Load Forecast Test Year

Customer Classes	2012 Test Year		Loss Factor	Load Forecast 2012 kWh
	kWh	kW		
Residential Customers	14,574,912		1.06707	15,552,451
Gen Service <50 kW Customers	5,255,040		1.06707	5,607,496
Gen Service >50 kW Customers	7,658,952	19,530	1.06707	8,172,638
Unmetered Scattered Load	7,272		1.06707	7,760
Sentinel Lighting	25,944	66	1.06707	27,684
Street Lighting	294,624	780	1.06707	314,384
TOTAL Customers/Connections	27,816,744	20,376	1.06707	29,682,413

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Cost of Power - Bridge Year 2011

2011 Load Forecast	kWh	kW	% RPP
Residential Customers	14,430,938		97.1%
Gen Service <50 kW Customers	5,099,927		98.7%
Gen Service >50 kW Customers	7,367,030	19,462	0.0%
Unmetered Scattered Load	7,243		0
Sentinel Lighting	26,021	66	0
Street Lighting	293,647	780	0
TOTAL	27,224,806	20,308	73.2%

2011 Load Forecast RPP Customers	2011 Forecast kWh	2011 Loss Factor	kWh Purchases	2011 Cost per kWh	2011 Cost of Power
Residential Customers	14,014,550	1.0654	14,931,102	\$ 0.07298	\$ 1,089,672
Gen Service <50 kW Customers	5,031,215	1.0654	5,360,256	\$ 0.07298	\$ 391,192
Gen Service >50 kW Customers	0	1.0654	-	\$ 0.07298	\$ -
Unmetered Scattered Load	7,243	1.0654	7,717	\$ 0.07298	\$ 563
Sentinel Lighting	26,021	1.0654	27,723	\$ 0.07298	\$ 2,023
Street Lighting	293,647	1.0654	312,852	\$ 0.07298	\$ 22,832
TOTAL	19,372,676		20,639,649		1,506,282

2011 Load Forecast Non RPP Customers	2011 Forecast kWh	2011 Loss Factor	kWh Purchases	2011 Cost per kWh	2011 Cost of Power
Residential Customers	416,388	1.0654	443,620	\$ 0.07298	\$ 32,375
Gen Service <50 kW Customers	68,712	1.0654	73,206	\$ 0.07298	\$ 5,343
Gen Service >50 kW Customers	7,367,030	1.0654	7,848,834	\$ 0.07298	\$ 572,808
Unmetered Scattered Load	0	1.0654	-	\$ 0.07298	\$ -
Sentinel Lighting	0	1.0654	-	\$ 0.07298	\$ -
Street Lighting	0	1.0654	-	\$ 0.07298	\$ -
TOTAL	7,852,130		8,365,659		610,526

2011 Transmission Network Customer Class		Unit kW/kWh		2011 Cost per kW/kWh	2011 NW Cost
Residential Customers		kWh	15,374,721	\$ 0.0057	\$ 87,636
Gen Service <50 kW Customers		kWh	5,433,462	\$ 0.0051	\$ 27,711
Gen Service >50 kW Customers		kW	19,462	\$ 2.0860	\$ 40,598
Unmetered Scattered Load		kWh	7,717	\$ 0.0051	\$ 39
Sentinel Lighting		kW	66	\$ 1.5813	\$ 104
Street Lighting		kW	780	\$ 1.5733	\$ 1,227
TOTAL					157,315

2011 Transmission Connection Customer Class		Unit kW/kWh		2011 Cost per kW/kWh	2011 CN Cost
Residential Customers		kWh	15,374,721	\$ 0.0015	\$ 23,062
Gen Service <50 kW Customers		kWh	5,433,462	\$ 0.0014	\$ 7,607
Gen Service >50 kW Customers		kW	19,462	\$ 0.5269	\$ 10,255
Unmetered Scattered Load		kWh	7,717	\$ 0.0014	\$ 11
Sentinel Lighting		kW	66	\$ 0.4159	\$ 27
Street Lighting		kW	780	\$ 0.4074	\$ 318
TOTAL					41,279

2011 Wholesale Market Service Customer Class		Unit kW/kWh		2011 Cost per kW/kWh	2011 NW Cost
Residential Customers		kWh	15,374,721	\$ 0.00520	\$ 79,949
Gen Service <50 kW Customers		kWh	5,433,462	\$ 0.00520	\$ 28,254
Gen Service >50 kW Customers		kWh	7,848,834	\$ 0.00520	\$ 40,814
Unmetered Scattered Load		kWh	7,717	\$ 0.00520	\$ 40
Sentinel Lighting		kWh	27,723	\$ 0.00520	\$ 144
Street Lighting		kWh	312,852	\$ 0.00520	\$ 1,627
TOTAL			29,005,308		150,828

2011 Low Voltage Customer Class		Unit kW/kWh		2011 Cost per kW/kWh	2011 CN Cost
Residential Customers		kWh	15,374,721	\$ 0.0012	\$ 18,450
Gen Service <50 kW Customers		kWh	5,433,462	\$ 0.0011	\$ 5,977
Gen Service >50 kW Customers		kW	19,462	\$ 0.4424	\$ 8,610
Unmetered Scattered Load		kWh	7,717	\$ 0.0011	\$ 8
Sentinel Lighting		kW	66	\$ 0.3492	\$ 23
Street Lighting		kW	780	\$ 0.3420	\$ 267
TOTAL					33,335

2011 Cost of Power Summary	Account Number	2011
Cost of Power	4705	\$ 2,116,807
Cost of Transmission Network	4714	\$ 157,315
Cost of Transmission Connection	4716	\$ 41,279
Cost of Wholesale Market Service	4708	\$ 150,828
Cost of Low Voltage	4750	\$ 14,000
TOTAL		\$ 2,480,229

Chapleau Public Utilities Corporation

Cost of Power - Test Year 2012

2012 Load Forecast	kWh	kW	% RPP
Residential Customers	14,574,912		97.143%
Gen Service <50 kW Customers	5,255,040		98.692%
Gen Service >50 kW Customers	7,658,952	19,530	2.114%
Unmetered Scattered Load	7,272		0.0%
Sentinel Lighting	25,944	66	0.0%
Street Lighting	294,624	780	0.0%
TOTAL	27,816,744	20,376	73.2%

2012 Load Forecast RPP Customers	2012 Forecast kWh	2012 Loss Factor	kWh Purchases	2012 Cost per kWh	2012 Cost of Power
Residential Customers	14,158,524	1.06707	15,108,136	\$ 0.07298	\$ 1,102,592
Gen Service <50 kW Customers	5,186,328	1.06707	5,534,175	\$ 0.07298	\$ 403,884
Gen Service >50 kW Customers	161,902	1.06707	172,761	\$ 0.07298	\$ 12,608
Unmetered Scattered Load	7,272	1.06707	7,760	\$ 0.07298	\$ 566
Sentinel Lighting	25,944	1.06707	27,684	\$ 0.07298	\$ 2,020
Street Lighting	294,624	1.06707	314,384	\$ 0.07298	\$ 22,944
TOTAL	19,834,594		21,164,901		\$ 1,544,614

2012 Load Forecast Non RPP Customers	2012 Forecast kWh	2012 Loss Factor	kWh Purchases	2012 Cost per kWh	2012 Cost of Power
Residential Customers	416,388	1.06707	444,315	\$ 0.07298	\$ 32,426
Gen Service <50 kW Customers	68,712	1.06707	73,320	\$ 0.07298	\$ 5,351
Gen Service >50 kW Customers	7,497,050	1.06707	7,999,877	\$ 0.07298	\$ 583,831
Unmetered Scattered Load	0	1.06707	-	\$ 0.07298	\$ -
Sentinel Lighting	0	1.06707	-	\$ 0.07298	\$ -
Street Lighting	0	1.06707	-	\$ 0.07298	\$ -
TOTAL	7,982,150		8,517,512		\$ 621,608

2012 Transmission Network Customer Class		Unit kW/kWh		2012 Cost per kW/kWh	2012 NW Cost
Residential Customers		kWh	15,552,451	\$ 0.0061	\$ 94,870
Gen Service <50 kW Customers		kWh	5,607,496	\$ 0.0054	\$ 30,280
Gen Service >50 kW Customers		kW	19,462	\$ 2.2191	\$ 43,188
Unmetered Scattered Load		kWh	7,760	\$ 0.0054	\$ 42
Sentinel Lighting		kW	66	\$ 1.6822	\$ 111
Street Lighting		kW	780	\$ 1.6737	\$ 1,305
TOTAL					169,797

2012 Transmission Connection Customer Class		Unit kW/kWh		2012 Cost per kW/kWh	2012 CN Cost
Residential Customers		kWh	15,552,451	\$ 0.0015	\$ 23,329
Gen Service <50 kW Customers		kWh	5,607,496	\$ 0.0014	\$ 7,850
Gen Service >50 kW Customers		kW	19,462	\$ 0.5366	\$ 10,443
Unmetered Scattered Load		kWh	7,760	\$ 0.0014	\$ 11
Sentinel Lighting		kW	66	\$ 0.4236	\$ 28
Street Lighting		kW	780	\$ 0.4149	\$ 324
TOTAL					41,985

2012 Wholesale Market Service Customer Class		Unit kW/kWh		2012 Cost per kW/kWh	2012 NW Cost
Residential Customers		kWh	15,552,451	\$ 0.00520	\$ 80,873
Gen Service <50 kW Customers		kWh	5,607,496	\$ 0.00520	\$ 29,159
Gen Service >50 kW Customers		kWh	8,172,638	\$ 0.00520	\$ 42,498
Unmetered Scattered Load		kWh	7,760	\$ 0.00520	\$ 40
Sentinel Lighting		kWh	27,684	\$ 0.00520	\$ 144
Street Lighting		kWh	314,384	\$ 0.00520	\$ 1,635
TOTAL			29,682,413		154,349

2012 Low Voltage Customer Class		Unit kW/kWh		2012 Cost per kW/kWh	2012 CN Cost
Residential Customers		kWh	15,552,451	\$ 0.0012	\$ 18,663
Gen Service <50 kW Customers		kWh	5,607,496	\$ 0.0011	\$ 6,168
Gen Service >50 kW Customers		kW	19,462	\$ 0.4424	\$ 8,610
Unmetered Scattered Load		kWh	7,760	\$ 0.0011	\$ 9
Sentinel Lighting		kW	66	\$ 0.3492	\$ 23
Street Lighting		kW	780	\$ 0.3420	\$ 267
TOTAL					33,740

2012 Cost of Power Summary	Account Number	2012
Cost of Power	4705	\$ 2,166,223
Cost of Transmission Network	4714	\$ 169,797
Cost of Transmission Connection	4716	\$ 41,985
Cost of Wholesale Market Service	4708	\$ 154,349
Cost of Low Voltage	4750	\$ 16,000
TOTAL		\$ 2,548,354