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LakelandPower

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ONTARIO ENERGY BD

October 3, 2012

16/10/12
Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
P.O. Box 2319
2300 Yonge Street
Toronto, ON
M4P 1E4

VIA MAIL and E-MAIL

Dear Ms. Walli:

RE: Lakeland Power Distribution Ltd.
EB-2012-0145
2013 Cost of service rate Application

Lakeland Power Distribution Ltd submitted an application for the 2013 Distribution Rates utilizing the 2013 Cost of Service methodology, on September 6, 2012. On October 2, 2012, LPDL received a letter from the Board outlining items that were incomplete in the application. The following information addresses those omissions. This will also be filed on RESS and paper copies submitted to Board Secretary. We apologize for the omissions.

If you have any further questions, please do not hesitate to contact me.

Respectfully submitted,



Margaret Maw
CFO
Lakeland Holding Ltd.

Chapter 2 Filing Requirement Reference – Page 11

Statement as to which publication the applicant proposes that notice should appear, whether it is a paid publication or not and the readership and circulation numbers.

LPDL intends on publishing the notice regarding this application in The Weekender. The Weekender is a paid publication that reaches the largest number of households in LPDL's service territory. The current circulation is 25,000 prints with a readership rate of 1.8 people per print. It is also available online at http://www.metroland.com/Communities/100312/District_Weekender

Chapter 2 Filing Requirement Reference – Page 13

Reference to the applicant's Conditions of Service.

LPDL's Conditions of Service are posted on its website under www.lakelandpower.on.ca Customer Information-Business Policies. LPDL confirms that this is the most current version. Section 2.4 references tariffs and schedules of charges that are posted as a separate document on the website. No specific dollar value is referenced in the Conditions of Service.

Chapter 2 Filing Requirement Reference – Page 26

All data used to determine the forecasts should be presented and filed in live MS Excel spreadsheet format.

LPDL will upload the Load Forecast file to RESS in excel format. File name is Lakeland_2013_Load Forecast Data_20121003.xls for the raw data from 2002-2011.

Chapter 2 Filing Requirement Reference – Page 32

Table 4.2.23 and 4.2.25 variance in depreciation calculation is not explained.

When the tables were combined into word, a number of columns were cut off. Below the tables have been reformatted to include the explanation as well as more specific detail on the calculation related to the opening asset balances for LPDL.

Table 4.2.23 (a) – Variance Analysis on 2011 Depreciation Calculation

Account	Description	Variance ²
		(m) = (h) - (l)
1611	Computer Software (Formally known as Account 1925)	\$ 2,273.44
1611	Computer Software (Formally known as Account 1925) - Smart Meters	
1612	Land Rights (Formally known as Account 1906)	\$ -
1805	Land	\$ -
1808	Buildings	\$ 964.33
1810	Leasehold Improvements	\$ -
1815	Transformer Station Equipment >50 kV	\$ -
1820	Distribution Station Equipment <50 kV	-\$ 17,084.52
1825	Storage Battery Equipment	\$ -
1830	Poles, Towers & Fixtures	-\$ 56,330.64
1835	Overhead Conductors & Devices	-\$ 2,762.72
1840	Underground Conduit	-\$ 16,580.70
1845	Underground Conductors & Devices	-\$ 1,061.48
1850	Line Transformers	-\$ 57,522.14
1855	Services (Overhead & Underground)	\$ 1.06
1860	Meters	-\$ 701.93
1860	Meters (Stranded Meters)	\$ 40,273.95
1860	Meters (Smart Meters)	
1905	Land	\$ -
1908	Buildings & Fixtures	-\$ 328.13
1910	Leasehold Improvements	\$ -
1915	Office Furniture & Equipment (10 years)	\$ 0.45
1915	Office Furniture & Equipment (5 years)	\$ -
1920	Computer Equipment - Hardware	\$ -
1920	Computer Equip.-Hardware(Post Mar. 22/04)	\$ 3,441.97
1920	Computer Equip.-Hardware(Post Mar. 19/07)	-\$ 0.93
1920	Computer Equip.-Hardware(Post Mar. 19/07) - Smart Meters	
1930	Transportation Equipment	\$ 191.60
1935	Stores Equipment	-\$ 0.15
1940	Tools, Shop & Garage Equipment	\$ 0.27
1945	Measurement & Testing Equipment	\$ -
1950	Power Operated Equipment	\$ -
1955	Communications Equipment	\$ 0.35
1955	Communication Equipment (Smart Meters)	\$ -
1960	Miscellaneous Equipment	\$ -
1975	Load Management Controls Utility Premises	\$ -
1980	System Supervisor Equipment	\$ -
1985	Miscellaneous Fixed Assets	\$ -
1995	Contributions & Grants	-\$ 3.66
etc.		\$ -
		\$ -
	Total	-\$ 105,229.57

When the 5 LDCs merged to form LPDL, the gross asset was set up using net book value with accumulated amortization as zero as per CGAAP. The useful life was then set using the remaining useful life which was lower than the guidelines in the APH. The table below shows the NBV used in 2000 when the assets were set up and the difference that is generated due to the difference in useful life.

Table 4.2.23 (b) – Explanation of Variance on 2011 Depreciation

Account	Description	Variance ² (m) = (h) - (l)	Reason For variance	2000 Merged Value	Using APH life	Using Remaining life	Difference	Rounding & Half year at end & other
1611	Computer Software (Formally known as Account 1925)	\$ 2,273.44	half year on final year of 2006 additions					\$ 2,273.44
1611	Computer Software (Formally known as Account 1925) - Smart Meters							
1612	Land Rights (Formally known as Account 1906)	\$ -						
1805	Land	\$ -						
1808	Buildings	\$ 964.33	2000 Merged opening NBV - 38 years not 30 years	\$ 137,347.07	\$ 4,578.24	\$ 3,614.40	\$ 963.84	\$ 0.49
1810	Leasehold Improvements	\$ -						
1815	Transformer Station Equipment >50 kV	\$ -						
1820	Distribution Station Equipment <50 kV	\$ 17,084.52	2000 Merged opening NBV - 17 years not 25 years	\$ 907,649.85	\$ 36,305.99	\$ 53,391.17	-\$ 17,085.17	\$ 0.65
1825	Storage Battery Equipment	\$ -						
1830	Poles, Towers & Fixtures	-\$ 56,330.64	2000 Merged opening NBV - 17 years not 25 years	\$ 3,140,701.37	\$ 125,628.05	\$ 184,747.14	-\$ 59,119.08	\$ 2,788.44
1835	Overhead Conductors & Devices	-\$ 2,762.72	2000 Merged opening NBV - 24 years not 25 years	\$ 1,659,193.92	\$ 66,367.76	\$ 69,133.08	-\$ 2,765.32	\$ 2.60
1840	Underground Conduit	-\$ 16,580.70	2000 Merged opening NBV - 21 years not 25 years	\$ 2,536,199.65	\$ 101,447.99	\$ 117,962.77	-\$ 16,514.79	-\$ 65.91
1845	Underground Conductors & Devices	-\$ 1,061.48	2000 Merged opening NBV - 24 years not 25 years	\$ 637,415.16	\$ 25,496.61	\$ 26,558.97	-\$ 1,062.36	\$ 0.88
1850	Line Transformers	-\$ 57,522.14	2000 Merged opening NBV - 15 years not 25 years	\$ 2,005,164.26	\$ 80,206.57	\$ 138,287.19	-\$ 58,080.62	\$ 558.48
1855	Services (Overhead & Underground)	\$ 1.06	rounding					\$ 1.06
1860	Meters	\$ 701.93	2000 Merged opening NBV - 17 years not 25 years	\$ 34,756.43	\$ 1,390.26	\$ 2,044.50	-\$ 654.24	-\$ 47.69
1860	Meters (Stranded Meters)	\$ 40,273.95	no depreciation taken for 2011 - plus merged value diff	\$ 715,977.92	\$ 28,639.12	\$ 35,550.05	-\$ 6,910.93	\$ 47,184.88
1860	Meters (Smart Meters)							
1905	Land	\$ -						
1908	Buildings & Fixtures	-\$ 328.13	2000 Merged opening NBV - 27 years not 30 years	\$ 83,641.81	\$ 2,788.06	\$ 3,062.68	-\$ 274.62	-\$ 53.51
1910	Leasehold Improvements	\$ -						
1915	Office Furniture & Equipment (10 years)	\$ 0.45	rounding					\$ 0.45
1915	Office Furniture & Equipment (5 years)	\$ -						
1920	Computer Equipment - Hardware	\$ -						
1920	Computer Equip. -Hardware(Post Mar. 22/04)	\$ 3,441.97	half year on final year of 2006 additions					\$ 3,441.97
1920	Computer Equip. -Hardware(Post Mar. 19/07)	-\$ 0.93	rounding					-\$ 0.93
1920	Computer Equip. -Hardware(Post Mar. 19/07) - Smart Meters							
1930	Transportation Equipment	\$ 191.60	rounding					\$ 191.60
1935	Stores Equipment	-\$ 0.15	rounding					-\$ 0.15
1940	Tools, Shop & Garage Equipment	\$ 0.27	rounding					\$ 0.27
1945	Measurement & Testing Equipment	\$ -						
1950	Power Operated Equipment	\$ -						
1955	Communications Equipment	\$ 0.35	rounding					\$ 0.35
1955	Communication Equipment (Smart Meters)	\$ -						
1960	Miscellaneous Equipment	\$ -						
1975	Load Management Controls Utility Premises	\$ -						
1980	System Supervisor Equipment	\$ -						\$ -
1985	Miscellaneous Fixed Assets	\$ -						
1995	Contributions & Grants	-\$ 3.66	rounding					-\$ 3.66
etc.		\$ -						\$ -
		\$ -						
	Total	-\$ 105,229.57					-\$ 161,503.30	\$ 56,273.73

In addition, LPDL has always used the half year rule and this template does not take that into consideration in the calculation in column (h) in the final year of depreciation.

Table 4.2.25 (a) – Variance Analysis on 2012 Depreciation Calculation

Account	Description	Variance 2
		(m) = (h) - (l)
1611	Computer Software (Formally known as Account 1925)	\$ 1,532.64
1611	Computer Software (Formally known as Account 1925) - Smart Meters	\$ -
1612	Land Rights (Formally known as Account 1906)	\$ -
1805	Land	\$ -
1808	Buildings	\$ 964.13
1810	Leasehold Improvements	\$ -
1815	Transformer Station Equipment >50 kV	\$ -
1820	Distribution Station Equipment <50 kV	-\$ 17,084.48
1825	Storage Battery Equipment	\$ -
1830	Poles, Towers & Fixtures	-\$ 56,331.03
1835	Overhead Conductors & Devices	-\$ 2,762.68
1840	Underground Conduit	-\$ 16,580.37
1845	Underground Conductors & Devices	-\$ 1,061.06
1850	Line Transformers	-\$ 57,522.01
1855	Services (Overhead & Underground)	\$ 0.89
1860	Meters	-\$ 701.94
1860	Meters (Stranded Meters)	\$ -
1860	Meters (Smart Meters)	-\$ 0.00
1905	Land	\$ -
1908	Buildings & Fixtures	-\$ 328.59
1910	Leasehold Improvements	\$ -
1915	Office Furniture & Equipment (10 years)	\$ 0.00
1915	Office Furniture & Equipment (5 years)	\$ -
1920	Computer Equipment - Hardware	\$ -
1920	Computer Equip.-Hardware(Post Mar. 22/04)	\$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)	\$ 3,342.97
1920	Computer Equip.-Hardware(Post Mar. 19/07) - Smart Meters	-\$ 0.00
1930	Transportation Equipment	\$ 427.54
1935	Stores Equipment	-\$ 0.04
1940	Tools, Shop & Garage Equipment	-\$ 0.46
1945	Measurement & Testing Equipment	\$ -
1950	Power Operated Equipment	\$ -
1955	Communications Equipment	\$ 0.03
1955	Communication Equipment (Smart Meters)	\$ -
1960	Miscellaneous Equipment	\$ -
1975	Load Management Controls Utility Premises	\$ -
1980	System Supervisor Equipment	\$ 0.00
1985	Miscellaneous Fixed Assets	\$ -
1995	Contributions & Grants	-\$ 3.25
etc.		\$ -
		\$ -
	Total	-\$ 146,107.72

Table 4.2.25 (b) – Explanation of Variance on 2012 Depreciation

Account	Description	Variance 2 (m) = (h) - (l)	Reason For variance	2000 Merged Value	Using APH life	Using Remaining life	Difference	Rounding & Half year at end
1611	Computer Software (Formally known as Account 1925)	\$ 1,532.64	half year on final year of 2007 additions					\$ 1,532.64
1611	Computer Software (Formally known as Account 1925) - Smart Meters	\$ -						
1612	Land Rights (Formally known as Account 1906)	\$ -						
1805	Land	\$ -						
1808	Buildings	\$ 964.13	2000 Merged opening NBV - 38 years not 30 years	\$ 137,347.07	\$ 4,578.24	\$ 3,614.40	\$ 963.84	\$ 0.29
1810	Leasehold Improvements	\$ -						
1815	Transformer Station Equipment >50 kV	\$ -						
1820	Distribution Station Equipment <50 kV	-\$ 17,084.48	2000 Merged opening NBV - 17 years not 25 years	\$ 907,649.85	\$ 36,305.99	\$ 53,391.17	-\$ 17,085.17	\$ 0.69
1825	Storage Battery Equipment	\$ -						
1830	Poles, Towers & Fixtures	-\$ 56,331.03	2000 Merged opening NBV - 17 years not 25 years	\$ 3,140,701.37	\$ 125,628.05	\$ 184,747.14	-\$ 59,119.08	\$ 2,788.05
1835	Overhead Conductors & Devices	-\$ 2,762.68	2000 Merged opening NBV - 24 years not 25 years	\$ 1,659,193.92	\$ 66,367.76	\$ 69,133.08	-\$ 2,765.32	\$ 2.64
1840	Underground Conduit	-\$ 16,580.37	2000 Merged opening NBV - 21 years not 25 years	\$ 2,536,199.65	\$ 101,447.99	\$ 117,962.77	-\$ 16,514.79	-\$ 65.58
1845	Underground Conductors & Devices	-\$ 1,061.06	2000 Merged opening NBV - 24 years not 25 years	\$ 637,415.16	\$ 25,496.61	\$ 26,558.97	-\$ 1,062.36	\$ 1.30
1850	Line Transformers	-\$ 57,522.01	2000 Merged opening NBV - 15 years not 25 years	\$ 2,005,164.26	\$ 80,206.57	\$ 138,287.19	-\$ 58,080.62	\$ 558.61
1855	Services (Overhead & Underground)	\$ 0.89	rounding					\$ 0.89
1860	Meters	-\$ 701.94	2000 Merged opening NBV - 17 years not 25 years	\$ 34,756.43	\$ 1,390.26	\$ 2,044.50	-\$ 654.24	-\$ 47.70
1860	Meters (Stranded Meters)	\$ -						
1860	Meters (Smart Meters)	-\$ 0.00						
1905	Land	\$ -						
1908	Buildings & Fixtures	-\$ 328.59	2000 Merged opening NBV - 27 years not 30 years	\$ 83,641.81	\$ 2,788.06	\$ 3,062.68	-\$ 274.62	-\$ 53.97
1910	Leasehold Improvements	\$ -						
1915	Office Furniture & Equipment (10 years)	\$ 0.00	rounding					
1915	Office Furniture & Equipment (5 years)	\$ -						
1920	Computer Equipment - Hardware	\$ -						
1920	Computer Equip.-Hardware(Post Mar. 22/04)	\$ -						
1920	Computer Equip.-Hardware(Post Mar. 19/07)	\$ 3,342.97	half year on final year of 2007 additions					\$ 3,342.97
1920	Computer Equip.-Hardware(Post Mar. 19/07) - Smart Meters	-\$ 0.00						
1930	Transportation Equipment	\$ 427.54	rounding					\$ 427.54
1935	Stores Equipment	-\$ 0.04	rounding					-\$ 0.04
1940	Tools, Shop & Garage Equipment	-\$ 0.46	rounding					-\$ 0.46
1945	Measurement & Testing Equipment	\$ -						
1950	Power Operated Equipment	\$ -						
1955	Communications Equipment	\$ 0.03	rounding					\$ 0.03
1955	Communication Equipment (Smart Meters)	\$ -						
1960	Miscellaneous Equipment	\$ -						
1975	Load Management Controls Utility Premises	\$ -						
1980	System Supervisor Equipment	\$ 0.00						\$ 0.00
1985	Miscellaneous Fixed Assets	\$ -						
1995	Contributions & Grants	-\$ 3.25	rounding					-\$ 3.25
etc.		\$ -						\$ -
		\$ -						
	Total	-\$ 146,107.72					-\$ 154,592.37	\$ 8,484.65

Lakeland Power Load Forecast for 2013 Rate Application

	2002 Actual	2003 Actual	2004 Actual	2005 Actual	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Actual	2011 Actual	2012 Weather Normal	2013 Weather Normal	2013 Rate Class Specific (WN - Res and GS<50kW)	
Actual kWh Purchases	238,718,386	246,525,602	242,100,886	236,047,562	229,437,606	230,101,605	233,194,447	225,969,773	221,209,083	221,759,892				
Predicted kWh Purchases	239,720,464	241,645,373	241,409,229	237,579,760	232,376,202	231,565,219	232,110,016	225,718,107	222,087,698	220,852,773	224,791,599	224,468,613		
% Difference	0.4%	-2.0%	-0.3%	0.6%	1.3%	0.6%	-0.5%	-0.1%	0.4%	-0.4%				
Billed kWh	215,965,041	217,934,353	220,249,773	222,682,516	215,882,598	218,579,500	219,166,243	210,190,317	206,701,676	205,943,133	205,816,875	203,143,087	203,770,428	0.309%
By Class														
Residential														
Customers	7,105	7,212	7,274	7,326	7,374	7,393	7,519	7,637	7,728	7,880	7,971	8,063	8,063	
kWh	79,135,152	81,325,470	81,449,395	82,557,208	78,169,630	79,398,441	80,889,261	80,642,283	79,053,122	77,622,641	77,994,771	77,259,128	78,178,088	
GS<50														
Customers	1,469	1,461	1,465	1,474	1,478	1,509	1,535	1,549	1,553	1,568	1,579	1,591	1,591	
kWh	47,266,056	46,156,410	46,865,416	47,637,155	45,481,306	46,091,929	45,412,234	43,415,770	42,988,016	42,681,473	42,493,682	41,707,732	42,716,578	
GS>50														
Customers	93	97	95	98	92	96	98	100	100	101	102	103	103	
kWh	87,393,552	88,224,269	89,703,215	90,288,216	90,034,006	90,911,555	90,745,868	84,055,244	82,607,939	83,596,624	83,315,486	82,191,734	80,890,204	
kW	208,333	219,818	224,392	219,273	228,996	234,298	226,242	208,394	203,586	202,662	206,517	203,731	200,505	
Sentinels														
Connections	50	49	48	46	45	44	45	44	45	45	44	44	44	
kWh	41,970	44,229	42,373	41,443	41,334	40,100	39,860	40,502	40,765	40,399	39,762	39,125	39,146	
kW	116	123	118	115	115	112	111	112	112	113	110	109	109	
Streetlights														
Connections	2,056	2,058	2,058	2,058	2,058	2,058	2,130	2,130	2,130	2,130	2,138	2,147	2,147	
kWh	1,812,496	1,881,086	1,891,353	1,884,914	1,885,256	1,884,914	1,872,292	1,870,097	1,870,098	1,870,092	1,854,853	1,839,258	1,840,247	
kW	5,146	5,152	5,152	5,152	5,153	5,152	5,111	5,075	5,075	5,075	5,077	5,035	5,037	
USL														
Connections	71	70	70	68	66	65	50	43	41	40	38	35	35	
kWh	315,815	302,889	298,021	273,581	271,066	252,561	206,728	166,421	141,736	131,903	118,321	106,109	106,166	
Total of Above														
Customer/Connections	10,844	10,947	11,010	11,070	11,113	11,165	11,377	11,503	11,597	11,764	11,873	11,983	11,983	
kWh	215,965,041	217,934,353	220,249,773	222,682,516	215,882,598	218,579,500	219,166,243	210,190,317	206,701,676	205,943,133	205,816,875	203,143,087	203,770,428	
kW from applicable classes	213,595	225,093	229,662	224,541	234,265	239,562	231,464	213,581	208,773	207,850	211,705	208,875	205,651	
Total from Model														
Customer/Connections	10,844	10,947	11,010	11,070	11,113	11,165	11,377	11,503	11,597	11,764	11,873	11,983	11,983	
kWh	215,965,041	217,934,353	220,249,773	222,682,516	215,882,598	218,579,500	219,166,243	210,190,317	206,701,676	205,943,133	205,816,875	203,143,087	203,770,428	
kW from applicable classes	213,595	225,093	229,662	224,541	234,265	239,562	231,464	213,581	208,773	207,850	211,705	208,875	205,651	
Check should all be zero														
Customer/Connections	0	0	0	0	0	0	0	0	0	0	0	0	0	
kWh	0	0	0	0	0	0	0	0	0	0	0	0	0	
kW from applicable classes	0	0	0	0	0	0	0	0	0	0	0	0	0	
Summary														
Actual	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011				
Predicted	238,718	246,526	242,101	236,048	229,438	230,102	233,194	225,970	221,209	221,760				
	239,720	241,645	241,409	237,580	232,376	231,565	232,110	225,718	222,088	220,853				
	7,105	7,212	7,274	7,326	7,374	7,393	7,519	7,637	7,728	7,880	7,971	8,063	8,063	
	1,469	1,461	1,465	1,474	1,478	1,509	1,535	1,549	1,553	1,568	1,579	1,591	1,591	
	93	97	95	98	92	96	98	100	100	101	102	103	103	
	8667	8770	8834	8898	8944	8998	9152	9286	9381	9549	9652.50308	9757.15246	9757.15246	

Lakeland Power Load Forecast for 2013 Rate Application

Power Purchased		
R Square	89%	
Adjusted R Square	88%	
	<i>Coefficients</i>	<i>t Stat</i>
Intercept	2,004,347	0.6
Heating Degree Days	8,348	18.6
Cooling Degree Days	12,771	2.0
Number of Days in Month	500,310	4.8
Spring Fall Flag	(1,348,468)	(6.1)
CDM Activity	(6.4)	(6.1)

GS < 50 kW		
R Square	79%	
Adjusted R Square	79%	
	<i>Coefficients</i>	<i>t Stat</i>
Intercept	3,321,700	38.8
Heating Degree Days	1,499	13.7
Cooling Degree Days	9,899	6.4
Spring Fall Flag	(253,708)	(4.8)
CDM Activity	(1.4)	(5.3)

Residential		
R Square	94%	
Adjusted R Square	94%	
	<i>Coefficients</i>	<i>t Stat</i>
Intercept	780,720	0.5
Heating Degree Days	6,189	29.7
Cooling Degree Days	8,393	2.8
Spring Fall Flag	(502,947)	(4.9)
Number of Days in Month	120,326	2.4

GS > 50 kW		
R Square	31%	
Adjusted R Square	28%	
	<i>Coefficients</i>	<i>t Stat</i>
Intercept	3,880,096	3.11
Heating Degree Days	435	2.88
Cooling Degree Days	7,933	4.08
Number of Days in Month	109,060	2.66
CDM Activity	(1.8)	(4.48)

Lakeland Power Load Forecast for 2013 Rate Application

	Purchased	Heating	Cooling Degree	Number of	Spring Fall	CDM Activity	Predicted	Variances (kWh)	% Variance
		Degree Days	Days	Days in Month			Purchases		
Jan-02	21,908,331	695.8	0	31	0	0	23,322,324		
Feb-02	20,148,761	664.9	0	28	0	0	21,563,448		
Mar-02	20,969,681	674.7	0	31	1	0	21,797,719		
Apr-02	17,766,701	399.4	4.5	30	1	0	19,056,743		
May-02	20,825,782	285.9	1.8	31	1	0	18,575,102		
Jun-02	18,547,738	65	39.3	30	0	0	18,058,155		
Jul-02	17,384,899	19.1	79.2	31	0	0	18,684,868		
Aug-02	18,765,385	25.4	46.8	31	0	0	18,323,677		
Sep-02	16,411,203	78	31.5	30	1	0	16,718,594		
Oct-02	18,258,351	391.4	2.2	31	1	0	19,460,898		
Nov-02	22,294,354	561.6	0	30	1	0	20,353,278		
Dec-02	25,437,200	753.7	0	31	0	0	23,805,658		
Jan-03	25,188,355	990.4	0	31	0	0	25,781,571		
Feb-03	25,190,654	857.5	0	28	0	0	23,171,225		
Mar-03	21,335,052	705	0	31	1	0	22,050,656		
Apr-03	20,656,713	460.9	0	30	1	0	19,512,660		
May-03	17,045,418	212.7	0	31	1	0	17,941,059		
Jun-03	18,202,719	74.8	15.8	30	0	0	17,839,844		
Jul-03	19,482,800	21.9	39	31	0	0	18,194,846		
Aug-03	16,908,390	27.4	60.9	31	0	0	18,520,444		
Sep-03	16,943,197	113.7	5.6	30	1	0	16,685,839		
Oct-03	20,322,953	349.8	0	31	1	0	19,085,535		
Nov-03	20,485,648	483.2	0	30	1	0	19,698,815		
Dec-03	24,763,703	676.7	0	31	0	0	23,162,882		
Jan-04	26,912,980	1041.1	0	31	0	0	26,204,802		
Feb-04	23,010,120	746.8	0	29	0	0	22,747,439		
Mar-04	21,186,267	592.8	0	31	1	0	21,114,038		
Apr-04	20,811,086	395.9	0	30	1	0	18,970,056		
May-04	17,703,744	236	5.5	31	1	0	18,205,802		
Jun-04	18,630,601	110.4	15.2	30	0	0	18,129,361		
Jul-04	18,377,788	21.5	45.2	31	0	0	18,270,687		
Aug-04	16,251,149	69.8	28.4	31	0	0	18,459,330		
Sep-04	17,555,997	88.4	17.9	30	1	0	16,631,725		
Oct-04	17,049,627	310.8	0	31	1	0	18,759,973		
Nov-04	18,914,623	485.2	0	30	1	0	19,715,510		
Dec-04	25,696,904	801	0	31	0	0	24,200,507		
Jan-05	25,525,629	486	0	31	0	0	21,570,966		
Feb-05	21,267,840	737.4	0	28	0	0	22,168,660		
Mar-05	22,180,291	746.4	0	31	1	0	22,396,252		
Apr-05	17,775,417	381.2	0	30	1	0	18,847,344		
May-05	17,093,478	252.2	0.4	31	1	0	18,275,903		
Jun-05	17,852,363	33.5	76.8	30	0	0	18,274,115		
Jul-05	18,659,467	14.8	87.8	31	0	0	18,758,803		
Aug-05	18,371,689	13.2	59.8	31	0	0	18,387,858		
Sep-05	16,706,530	78	12.6	30	1	0	16,477,222		
Oct-05	17,757,743	279.7	6.7	31	1	0	18,585,924		
Nov-05	19,413,517	491.1	0	30	1	0	19,764,762		
Dec-05	23,443,598	785.6	0	31	0	0	24,071,952		
Jan-06	23,178,438	706.5	0	31	0	9,483	23,351,379		
Feb-06	21,503,463	751.2	0	28	0	18,966	22,163,327		
Mar-06	21,726,896	663.4	0	31	1	28,449	21,522,592		
Apr-06	17,617,807	362.7	0	30	1	37,932	18,451,848		
May-06	17,278,731	181.7	14	31	1	47,415	17,559,744		
Jun-06	17,146,680	58.5	31.3	30	0	56,898	17,540,132		
Jul-06	18,619,398	4.9	83.4	31	0	66,381	18,198,107		
Aug-06	17,843,517	43.7	39.9	31	0	75,864	17,906,194		
Sep-06	16,105,818	163.5	0.7	30	1	85,347	16,496,587		
Oct-06	18,481,658	366.1	0	31	1	94,830	18,618,945		
Nov-06	19,101,584	441.1	0	30	1	104,313	18,684,451		
Dec-06	20,833,616	610	0	31	0	113,796	21,882,897		
Jan-07	23,347,852	826.1	0	31	0	113,676	23,687,605		
Feb-07	22,500,086	847.5	0	28	0	113,557	22,366,075		
Mar-07	21,602,755	653.1	0	31	1	113,438	20,896,495		
Apr-07	18,218,527	426.6	0	30	1	113,318	18,506,179		
May-07	16,749,718	203.5	9.1	31	1	113,199	17,261,081		
Jun-07	17,096,826	62.6	43	30	0	113,079	17,366,738		
Jul-07	17,421,792	39.5	43.6	31	0	112,960	17,682,637		
Aug-07	17,808,746	26.7	52.3	31	0	112,840	17,687,652		
Sep-07	16,166,254	100.1	14.4	30	1	112,721	15,968,336		
Oct-07	17,355,793	226.7	1.5	31	1	112,602	17,361,484		
Nov-07	19,369,940	555.2	0	30	1	112,482	19,585,012		
Dec-07	22,463,316	766.2	0	31	0	112,363	23,195,924		
Jan-08	23,032,111	753.1	0	31	0	114,091	23,075,582		

Feb-08	22,156,585	815.6	0	29	0	115,820	22,585,709
Mar-08	22,013,050	760.5	0	31	1	117,549	21,766,914
Apr-08	17,842,658	348.6	0	30	1	119,278	17,817,179
May-08	17,029,191	277.3	0	31	1	121,007	17,711,308
Jun-08	16,878,293	48.4	36.4	30	0	122,735	17,102,545
Jul-08	18,183,975	13.9	54.1	31	0	124,464	17,529,918
Aug-08	17,732,167	39.4	26	31	0	126,193	17,372,933
Sep-08	16,860,353	132.7	5.1	30	1	127,922	16,025,099
Oct-08	18,640,281	372.5	0	31	1	129,651	18,451,080
Nov-08	19,886,751	555.9	0	30	1	131,379	19,470,761
Dec-08	22,939,032	782.6	0	31	0	133,108	23,200,986
Jan-09	25,179,016	995.4	0	31	0	140,637	24,929,541
Feb-09	20,744,809	723.7	0	28	0	148,166	21,112,680
Mar-09	20,987,646	652.3	0	31	1	155,695	20,621,267
Apr-09	17,548,619	379.9	0	30	1	163,223	17,799,184
May-09	16,339,291	231	0	31	1	170,752	17,008,667
Jun-09	16,363,954	105.4	19.1	30	0	178,281	17,004,427
Jul-09	17,069,905	38.6	10.3	31	0	185,810	16,786,876
Aug-09	17,698,258	56.9	39.8	31	0	193,339	17,268,539
Sep-09	16,401,389	115.6	2.7	30	1	200,867	15,388,122
Oct-09	18,036,761	341.6	0	31	1	208,396	17,692,695
Nov-09	18,073,124	414.1	0	30	1	215,925	17,749,750
Dec-09	21,527,001	750.2	0	31	0	223,454	22,356,359
Jan-10	23,172,597	839.2	0	31	0	215,983	23,146,789
Feb-10	20,395,977	647.5	0	28	0	208,512	20,093,075
Mar-10	18,966,083	427	0	31	1	201,041	18,452,338
Apr-10	15,876,110	287.3	0	30	1	193,570	16,833,327
May-10	16,780,450	151.6	22.9	31	1	186,099	16,540,784
Jun-10	15,920,655	66.2	12	30	0	178,627	16,584,319
Jul-10	18,247,719	13.1	95.7	31	0	171,156	17,757,779
Aug-10	18,196,813	25.9	61.1	31	0	163,685	17,470,232
Sep-10	16,287,609	143.1	17.5	30	1	156,214	16,090,473
Oct-10	17,018,502	318.6	0	31	1	148,743	17,879,800
Nov-10	18,275,778	398.8	0	30	1	141,272	18,096,459
Dec-10	22,070,790	776.1	0	31	0	133,801	23,142,322
Jan-11	23,225,566	891.9	0	31	0	143,447	24,047,688
Feb-11	20,579,135	650.9	0	28	0	153,094	20,473,646
Mar-11	20,876,532	574.8	0	31	1	162,740	19,929,541
Apr-11	17,445,769	400.5	0	30	1	172,387	17,912,914
May-11	16,194,222	154.9	10.1	31	1	182,033	16,430,700
Jun-11	15,886,340	57.7	13.4	30	0	191,679	16,448,297
Jul-11	17,258,128	2	83	31	0	201,326	17,311,197
Aug-11	18,380,514	15.9	38	31	0	210,972	16,791,230
Sep-11	16,097,698	109.1	17.5	30	1	220,618	15,397,353
Oct-11	16,772,439	290	0	31	1	230,265	17,122,974
Nov-11	18,043,769	432.4	0	30	1	239,911	17,750,079
Dec-11	20,999,780	636	0	31	0	249,557	21,237,154
Jan-12		823	0	31	0	240,638	22,851,111
Feb-12		744	0	29	0	231,719	21,253,963
Mar-12		645	0	31	1	222,799	20,133,869
Apr-12		384	0	30	1	213,880	17,519,731
May-12		219	6	31	1	204,960	16,769,903
Jun-12		68	30	30	0	196,041	16,723,582
Jul-12		19	62	31	0	187,122	17,276,261
Aug-12		34	45	31	0	178,202	17,247,399
Sep-12		112	13	30	1	169,283	15,686,425
Oct-12		325	1	31	1	160,364	17,870,321
Nov-12		482	0	30	1	151,444	18,725,179
Dec-12		734	0	31	0	142,525	22,733,856
Jan-13		823	0	31	0	149,714	23,428,945
Feb-13		744	0	28	0	156,904	21,229,113
Mar-13		645	0	31	1	164,093	20,506,954
Apr-13		384	0.45	30	1	171,283	17,790,443
May-13		219	6.38	31	1	178,472	16,938,241
Jun-13		68	30.23	30	0	185,661	16,789,546
Jul-13		19	62.13	31	0	192,851	17,239,851
Aug-13		34	45.3	31	0	200,040	17,108,615
Sep-13		112	12.55	30	1	207,230	15,445,267
Oct-13		325	1.04	31	1	214,419	17,526,789
Nov-13		482	0	30	1	221,609	18,279,273
Dec-13		734	0	31	0	228,798	22,185,576

Weather Normal

2,774,325,054

SUMMARY OUTPUT

Regression Statistics	
Multiple R	94%
R Square	89%
Adjusted R Square	88%
Standard Error	911,738.54
Observations	120

ANOVA					
	df	SS	MS	F	Significance F
Regression	5	7.51789E+14	1.50358E+14	180.877803	1.74129E-52
Residual	114	9.47645E+13	8.31267E+11		
Total	119	8.46553E+14			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	Heating Degree Days	Cooling Degree Days	Number of Days in Month	Spring Fall Flag	CDM Activity
Intercept	2,004,347.28	3173552.542	0.63	0.52892682	-4282435.663	8291130.218	-4282435.663	8291130.218					
Heating Degree Days	8,347.75	448,2486405	18.62	2.26704E-36	7459.772279	9235.72643	7459.772279	9235.72643	100%				
Cooling Degree Days	12,771.04	6478,694148	1.97	0.051119943	-63.20753263	25605.27805	-63.20753263	25605.27805	-66%	100%			
Number of Days in Month	500,310.08	105296.9703	4.75	5.93501E-06	291717.6	708902.5607	291717.6	708902.5607	-18%	20%	100%		
Spring Fall Flag	(1,348,467.52)	220650.0669	(6.11)	1.41399E-08	-1785573.587	-911361.4492	-1785573.587	-911361.4492	-7%	-43%	8%	100%	
CDM Activity	(6.36)	1.041810213	(6.10)	1.49097E-08	-8.41896484	-4.291328959	-8.41896484	-4.291328959	-7%	-3%	2%	2%	100%

Regression Statistics	
Multiple R	94.1%
R Square	88.6%
Adjusted R Square	88.0%
Standard Error	923311.9968
Observations	120

ANOVA					
	df	SS	MS	F	Significance F
Regression	6	7.5022E+14	1.25037E+14	146.6697645	6.21788E-51
Residual	113	9.63331E+13	8.52505E+11		
Total	119	8.46553E+14			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	1,899,659	8295543.477	0.23	0.819284803	-14535308.6	18334625.96
Heating Degree Days	8,350	454,5595388	18.37	1.0068E-35	7449.803925	9250.932728
Cooling Degree Days	13,033	6566,236083	1.98	0.049577868	24.46885501	26042.26395
Number of Days in Month	501,174	106663.2686	4.70	7.4337E-06	289854.7801	712493.1124
Spring Fall Flag	(1,341,052)	223489.7437	(6.00)	2.42444E-08	-1783825.475	-898278.5212
CDM Activity	(5.6)	2.673487744	(2.11)	0.036841475	-10.94453408	-0.351211594
Number of Customers - 3 Main	3.82	863.369433	0.00	0.996474669	-1706.667382	1714.313636

SUMMARY OUTPUT - No CDM with Number of Customers

Regression Statistics	
Multiple R	93.9%
R Square	88.2%
Adjusted R Square	87.7%
Standard Error	937230.3447
Observations	120

ANOVA					
	df	SS	MS	F	Significance F
Regression	5	7.46416E+14	1.49283E+14	169.9487843	3.99536E-51
Residual	114	1.00138E+14	8.78401E+11		
Total	119	8.46553E+14			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	16,966,588	4300496.207	3.95	0.000138156	8447338.32	25485837.5	8447338.32	25485837.5
Heating Degree Days	8,439	459,4368024	18.37	7.38162E-36	7528.979851	9349.261326	7528.979851	9349.261326
Cooling Degree Days	14,316	6636,685141	2.16	0.033103148	1168.29253	27462.73598	1168.29253	27462.73598
Number of Days in Month	494,071	108217.3481	4.57	1.26642E-05	279693.4677	708448.9199	279693.4677	708448.9199
Spring Fall Flag	(1,314,922)	226511.0159	(5.81)	5.89583E-08	-1763638.858	-866205.7308	-1763638.858	-866205.7308
Number of Customers - 3 Main	(1,698.3)	314.8421758	(5.39)	3.77888E-07	-2322.024009	-1074.624198	-2322.024009	-1074.624198

	<u>Residential</u>	<u>GS<50</u>	<u>GS>50</u>	<u>Sentinels</u>	<u>Streetlights</u>	<u>USL</u>	Total
2002	7,105	1,469	93	50	2,056	71	10,844
2003	7,212	1,461	97	49	2,058	70	10,947
2004	7,274	1,465	95	48	2,058	70	11,010
2005	7,326	1,474	98	46	2,058	68	11,070
2006	7,374	1,478	92	45	2,058	66	11,113
2007	7,393	1,509	96	44	2,058	65	11,165
2008	7,519	1,535	98	45	2,130	50	11,377
2009	7,637	1,549	100	44	2,130	43	11,503
2010	7,728	1,553	100	45	2,130	41	11,597
2011	7,880	1,568	101	45	2,130	40	11,764
2012	7,971	1,579	102	44	2,138	38	11,873
2013	8,063	1,591	103	44	2,147	35	11,983

Growth Rate in Customer Numbers

2002						
2003	1.0151	0.9946	1.0430	0.9800	1.0010	0.9859
2004	1.0086	1.0027	0.9794	0.9796	1.0000	1.0000
2005	1.0071	1.0061	1.0316	0.9583	1.0000	0.9714
2006	1.0066	1.0027	0.9388	0.9783	1.0000	0.9706
2007	1.0026	1.0210	1.0435	0.9778	1.0000	0.9848
2008	1.0170	1.0172	1.0208	1.0227	1.0350	0.7692
2009	1.0157	1.0091	1.0204	0.9778	1.0000	0.8600
2010	1.0119	1.0026	1.0000	1.0227	1.0000	0.9535
2011	1.0197	1.0097	1.0100	1.0000	1.0000	0.9756
Used	1.0116	1.0073	1.0092	0.9884	1.0039	0.9382
Geomean	1.0116	1.0073	1.0092	0.9884	1.0039	0.9382

	GS>50	Sentinels	Streettlights	Total
2002	208,333	116	5,146	213,595
2003	219,818	123	5,152	225,093
2004	224,392	118	5,152	229,662
2005	219,273	115	5,152	224,541
2006	228,996	115	5,153	234,265
2007	234,298	112	5,152	239,562
2008	226,242	111	5,111	231,464
2009	208,394	112	5,075	213,581
2010	203,586	112	5,075	208,773
2011	202,662	113	5,075	207,850
2012	206,517	110	5,077	211,705
2013	203,731	109	5,035	208,875

kW/kWh			
2002	0.2384%	0.2770%	0.2839%
2003	0.2492%	0.2788%	0.2739%
2004	0.2501%	0.2787%	0.2724%
2005	0.2429%	0.2779%	0.2733%
2006	0.2543%	0.2781%	0.2733%
2007	0.2577%	0.2785%	0.2733%
2008	0.2493%	0.2778%	0.2730%
2009	0.2479%	0.2771%	0.2714%
2010	0.2464%	0.2753%	0.2714%
2011	0.2424%	0.2798%	0.2714%

5,146	24,678	0	41,970	41,970	116	586	0	315,815
5,152	24,696	0	44,229	44,229	123	590	0	302,889
5,152	24,696	0	42,373	42,373	118	562	0	298,021
5,152	24,696	0	41,443	41,164	115	550	0	273,581
5,153	24,696	0	41,334	41,238	115	552	0	271,066
5,152	24,696	0	40,100	40,056	112	531	0	252,561
5,111	25,272	0	39,860	39,959	111	531	0	206,728
5,075	25,560	0	40,502	40,602	112	539	0	166,421
5,075	25,560	0	40,765	40,611	112	535	0	141,736
5,075	25,560	0	40,399	40,399	113	536	0	131,903

Summary of Degree Day Information

Summary of All Heating Degree Days

Month	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	10 Year Avg	20 Year Trend
January	850.00	790.50	1,085.40	749.60	926.10	913.60	745.50	745.50	879.50	824.30	695.80	990.40	1,041.10	486.00	706.50	826.10	753.10	995.40	839.20	891.90	822.55	812.75
February	775.60	873.10	845.00	817.10	814.00	738.90	587.10	587.10	731.40	740.70	664.90	857.50	746.80	737.40	751.20	847.50	815.60	723.70	647.50	650.90	744.30	700.86
March	746.30	683.90	663.90	574.30	710.80	729.50	597.90	597.90	510.00	666.80	674.70	705.00	592.80	746.40	663.40	653.10	760.50	652.30	427.00	574.80	645.00	603.32
April	443.90	383.70	389.80	474.40	467.20	432.20	349.90	349.90	408.70	364.70	399.40	460.90	399.50	381.20	362.70	426.60	348.60	379.90	287.30	400.50	384.30	354.91
May	217.00	219.10	249.40	214.70	230.50	317.50	90.20	90.20	199.70	160.60	285.90	212.70	236.00	252.20	181.70	203.50	277.30	231.00	151.60	154.90	218.68	197.70
June	120.20	79.80	78.40	47.00	47.50	33.20	75.40	75.40	94.00	68.10	65.00	74.80	110.40	33.50	58.50	62.60	48.40	105.40	66.20	57.70	68.25	63.32
July	75.80	10.00	18.00	30.30	31.40	41.70	24.70	24.70	44.80	46.10	19.10	21.90	21.50	14.80	4.90	39.50	13.90	38.60	13.10	2.00	18.93	12.34
August	94.50	35.70	71.60	19.70	25.10	68.60	22.80	22.80	51.20	14.30	25.40	27.40	69.80	13.20	43.70	26.70	39.40	56.90	25.90	15.90	34.43	23.63
September	162.50	215.80	136.30	201.60	123.20	153.50	109.10	109.10	178.00	151.20	78.00	113.70	88.40	78.00	163.50	100.10	132.70	115.60	143.10	109.10	112.22	96.74
October	401.60	377.80	306.70	281.70	342.00	343.80	317.30	317.30	320.70	312.20	391.40	349.80	310.80	279.70	366.10	226.70	372.50	341.60	318.60	290.00	324.72	305.76
November	544.50	532.30	455.00	629.20	609.10	533.60	476.80	476.80	522.50	410.80	561.60	483.20	485.20	491.10	441.10	555.20	555.90	414.10	398.80	432.40	481.86	438.06
December	722.20	746.70	673.20	872.10	657.50	697.50	655.90	655.90	919.10	605.80	753.70	676.70	801.00	785.60	610.00	766.20	782.60	750.20	776.10	636.00	733.81	729.93
Total	5,154.10	4,948.40	4,972.70	4,911.70	4,984.40	5,003.60	4,052.60	4,052.60	4,859.60	4,365.60	4,614.90	4,974.00	4,899.70	4,299.10	4,353.30	4,733.80	4,900.50	4,804.70	4,094.40	4,216.10		

Summary of All Cooling Degree Days

Month	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	10 Year Avg	20 Year Trend
January	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00
February	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00
March	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00
April	-	-	-	-	-	-	-	-	-	0.10	4.50	-	-	-	-	-	-	-	-	-	0.45	0.27
May	2.70	0.20	2.10	-	2.00	-	5.30	5.30	4.90	2.20	1.80	-	5.50	0.40	14.00	9.10	-	-	22.90	10.10	6.38	10.05
June	5.40	8.20	32.70	51.90	21.90	16.40	50.30	50.30	11.40	36.70	39.30	15.80	15.20	76.80	31.30	43.00	36.40	19.10	12.00	13.40	30.23	31.13
July	2.70	50.30	44.00	61.40	14.40	40.00	39.90	39.90	28.20	51.70	79.20	39.00	45.20	87.80	83.40	43.60	54.10	10.30	95.70	83.00	62.13	74.17
August	12.50	48.90	13.50	64.70	38.50	14.00	45.40	45.40	29.30	60.70	46.80	60.90	28.40	59.80	39.90	52.30	26.00	39.80	61.10	38.00	45.30	50.50
September	8.60	7.40	2.70	0.40	9.00	0.70	6.00	6.00	12.10	15.40	31.50	5.60	17.90	12.60	0.70	14.40	5.10	2.70	17.50	17.50	12.55	14.56
October	-	-	1.70	-	-	1.40	-	-	-	-	2.20	-	-	6.70	-	1.50	-	-	-	-	1.04	0.91
November	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00
December	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00
Total	31.90	115.00	96.70	178.40	85.80	72.50	146.90	146.90	85.90	166.80	205.30	121.30	112.20	244.10	169.30	163.90	121.60	71.90	209.20	162.00		

Lakeland Power Load Forecast for 2013 Rate Application

	Total OPA Annual CDM Results (Gross)	Total OPA Annual CDM Results (Net)	# Difference	% Difference of Net	Total Annual CDM Results	Increase over previous year				
2005						-	-	Check		
2006	826,070	739,673	86,397	11.7%	739,673	739,673	9,483	739,673	-	
2007	3,703,140	1,356,235	2,346,905	173.0%	1,356,235	-	9,316	1,356,235	-	
2008	2,533,894	1,483,198	1,050,696	70.8%	1,483,198	134,846	1,729	1,483,198	-	
2009	3,397,225	2,184,545	1,212,680	55.5%	2,184,545	587,247	7,529	2,184,545	-	
2010	3,420,526	2,098,703	1,321,823	63.0%	2,098,703	-	582,743	2,098,703	-	
2011	3,189,600	1,863,559	1,326,041	71.2%	2,358,029	752,416	9,646	2,358,029	-	
2012	3,050,599	1,804,507	1,246,092	69.1%	2,298,977	-	695,712	2,298,977	-	
2013	2,994,600	1,776,605	1,217,995	68.6%	2,271,075	560,777	7,189	2,271,075	-	
Total	23,115,653	13,307,025	9,808,628	73.7%	14,790,435					

CDM Activity Variable

Jan-06	9,483		
Feb-06	18,966		
Mar-06	28,449		
Apr-06	37,932		
May-06	47,415		
Jun-06	56,898		
Jul-06	66,381		
Aug-06	75,864		
Sep-06	85,347		
Oct-06	94,830		
Nov-06	104,313	Check	
Dec-06	113,796	739,673	1,365,551
Jan-07	113,676		
Feb-07	113,557		
Mar-07	113,438		
Apr-07	113,318		
May-07	113,199		
Jun-07	113,079		
Jul-07	112,960		
Aug-07	112,840		
Sep-07	112,721		
Oct-07	112,602		
Nov-07	112,482	Check	
Dec-07	112,363	1,356,235	1,348,352
Jan-08	114,091		
Feb-08	115,820		
Mar-08	117,549		
Apr-08	119,278		
May-08	121,007		
Jun-08	122,735		
Jul-08	124,464		
Aug-08	126,193		
Sep-08	127,922		
Oct-08	129,651		
Nov-08	131,379		
Dec-08	133,108	1,483,198	1,597,298
Jan-09	140,637		
Feb-09	148,166		
Mar-09	155,695		
Apr-09	163,223		
May-09	170,752		
Jun-09	178,281		
Jul-09	185,810		
Aug-09	193,339		
Sep-09	200,867		
Oct-09	208,396		
Nov-09	215,925		

4 Year 2011 to 2014 target	
10,180,000	
Jan	1
Feb	2
Mar	3
Apr	4
May	5
Jun	6
Jul	7
Aug	8
Sep	9
Oct	10
Nov	11
Dec	12
Total	78

2013 Proposed Cost of Service Method				
2011	2012	2013	2014	Total
4.9%	4.9%	4.9%	4.9%	19.4%
	13.4%	13.4%	13.4%	40.3%
		13.4%	13.4%	26.9%
			13.4%	13.4%
4.9%	18.3%	31.7%	45.1%	100.0%
494,470	494,470	494,470	494,470	1,977,880
	1,367,020	1,367,020	1,367,020	4,101,060
		1,367,020	1,367,020	2,734,040
			1,367,020	1,367,020
494,470	1,861,490	3,228,510	4,595,530	10,180,000

times
Gross-up

3,228,510 Net
73.7% Historical Gross Up Value
2,379,740 Free ridership amount
5,608,250

Dec-09	223,454	2,184,545	2,681,446
Jan-10	215,983		
Feb-10	208,512		
Mar-10	201,041		
Apr-10	193,570		
May-10	186,099		
Jun-10	178,627		
Jul-10	171,156		
Aug-10	163,685		
Sep-10	156,214		
Oct-10	148,743		
Nov-10	141,272		
Dec-10	133,801	2,098,703	1,605,613
Jan-11	143,447		
Feb-11	153,094		
Mar-11	162,740		
Apr-11	172,387		
May-11	182,033		
Jun-11	191,679		
Jul-11	201,326		
Aug-11	210,972		
Sep-11	220,618		
Oct-11	230,265		
Nov-11	239,911		
Dec-11	249,557	2,358,029	2,994,689
Jan-12	240,638		
Feb-12	231,719		
Mar-12	222,799		
Apr-12	213,880		
May-12	204,960		
Jun-12	196,041		
Jul-12	187,122		
Aug-12	178,202		
Sep-12	169,283		
Oct-12	160,364		
Nov-12	151,444		
Dec-12	142,525	2,298,977	1,710,298
Jan-13	149,714		
Feb-13	156,904		
Mar-13	164,093		
Apr-13	171,283		
May-13	178,472		
Jun-13	185,661		
Jul-13	192,851		
Aug-13	200,040		
Sep-13	207,230		
Oct-13	214,419		
Nov-13	221,609		
Dec-13	228,798	2,271,075	2,745,578

Lakeland Power Distribution Ltd

	UPLIFTED				Residential (NOT Uplifted)				GS<50 (NOT Uplifted)				GS>50 (NOT Uplifted)				Streetlights (NOT Uplifted)				Sentinel lights (NOT Uplifted)				USL (NOT Uplifted)		
	Wholesale		kWh	kWh	Customers	kWh		kWh	Customers	kWh		kWh	Customers	kWh		kWh	Connections	kWh		kWh	Connections	kWh		kWh	Connections		
	Purchased kWh	Consumed	Billed	Consumed		Billed	Consumed	Billed		Consumed	Billed	Consumed		Billed	Consumed	Billed		Consumed	Billed	Consumed		Billed	Consumed	Billed			
Jan-02	21,908,331	9,370,922	9,370,922	7,080	4,889,022	4,889,022	1,477	7,984,602	7,984,602	15,018	89	154,296	154,296	429	2,056	3,512	3,512	10	49	25,604	25,604	77					
Feb-02	20,148,761	8,234,061	8,234,061	7,087	4,224,390	4,224,390	1,463	7,264,183	7,264,183	14,750	89	154,440	154,440	429	2,056	3,512	3,512	10	49	25,604	25,604	77					
Mar-02	20,969,681	7,780,124	7,780,124	7,088	3,971,645	3,971,645	1,464	7,254,440	7,254,440	16,595	90	154,440	154,440	429	2,056	3,512	3,512	10	49	25,604	25,604	77					
Apr-02	17,766,701	5,129,613	5,129,613	7,092	2,810,999	2,810,999	1,466	6,325,293	6,325,293	15,564	93	154,332	154,332	429	2,056	1,793	1,793	5	49	25,604	25,604	75					
May-02	20,825,782	5,827,246	5,827,246	7,097	3,587,646	3,587,646	1,470	7,145,326	7,145,326	18,940	93	123,677	123,677	429	2,056	3,733	3,733	10	50	26,806	26,806	73					
Jun-02	18,547,738	4,866,257	4,866,257	7,105	3,774,673	3,774,673	1,469	7,207,837	7,207,837	18,792	93	112,530	112,530	429	2,056	3,734	3,734	10	50	26,656	26,656	71					
Jul-02	17,384,899	4,954,663	4,954,663	7,111	4,289,105	4,289,105	1,471	7,415,465	7,415,465	17,420	93	120,355	120,355	429	2,056	3,598	3,598	10	50	26,656	26,656	71					
Aug-02	18,765,385	3,963,370	3,963,370	7,117	3,018,992	3,018,992	1,470	7,046,351	7,046,351	16,953	94	134,287	134,287	429	2,056	3,870	3,870	11	49	26,656	26,656	71					
Sep-02	16,411,203	5,864,878	5,864,878	7,129	4,483,080	4,483,080	1,470	7,843,671	7,843,671	20,167	94	148,434	148,434	429	2,056	3,634	3,634	10	49	26,656	26,656	71					
Oct-02	18,258,351	6,057,697	6,057,697	7,130	3,645,648	3,645,648	1,467	7,279,178	7,279,178	18,131	94	172,652	172,652	429	2,058	3,584	3,584	10	49	26,656	26,656	71					
Nov-02	22,294,354	7,720,013	7,720,013	7,147	3,978,612	3,978,612	1,465	7,385,903	7,385,903	18,716	95	184,449	184,449	429	2,058	4,336	4,336	12	44	26,656	26,656	71					
Dec-02	25,437,200	9,366,308	9,366,308	7,167	4,592,245	4,592,245	1,465	7,241,303	7,241,303	17,288	96	198,604	198,604	429	2,058	3,152	3,152	9	49	26,656	26,656	71					
Jan-03	25,188,355	10,639,345	10,639,345	7,167	4,462,313	4,462,313	1,464	7,894,686	7,894,686	18,194	97	194,529	194,529	429	2,058	3,768	3,768	11	49	25,905	25,905	70					
Feb-03	25,190,654	9,366,250	9,366,250	7,196	4,740,371	4,740,371	1,463	7,781,308	7,781,308	18,455	97	162,505	162,505	429	2,058	3,696	3,696	10	49	25,905	25,905	70					
Mar-03	21,335,052	7,648,199	7,648,199	7,199	4,074,856	4,074,856	1,462	7,466,346	7,466,346	18,229	96	163,364	163,364	429	2,058	3,685	3,685	10	49	25,052	25,052	70					
Apr-03	20,656,713	6,411,730	6,411,730	7,204	3,354,365	3,354,365	1,463	6,857,135	6,857,135	17,983	96	139,321	139,321	429	2,058	3,678	3,678	10	49	25,114	25,114	70					
May-03	17,045,418	5,676,188	5,676,188	7,207	3,364,762	3,364,762	1,457	7,288,276	7,288,276	18,379	98	127,192	127,192	429	2,058	3,678	3,678	10	49	25,114	25,114	70					
Jun-03	18,202,719	4,662,274	4,662,274	7,212	3,509,235	3,509,235	1,461	7,267,126	7,267,126	19,010	97	115,922	115,922	429	2,058	3,603	3,603	10	49	25,114	25,114	70					
Jul-03	19,482,800	4,987,696	4,987,696	7,223	4,045,665	4,045,665	1,459	7,566,882	7,566,882	18,466	97	122,899	122,899	429	2,058	3,757	3,757	10	49	25,114	25,114	70					
Aug-03	16,908,390	4,961,892	4,961,892	7,232	3,848,448	3,848,448	1,453	7,148,835	7,148,835	18,644	96	137,926	137,926	429	2,058	3,678	3,678	10	49	25,114	25,114	70					
Sep-03	16,943,197	4,637,299	4,637,299	7,235	3,283,109	3,283,109	1,449	6,802,882	6,802,882	17,642	95	151,557	151,557	429	2,058	3,678	3,678	10	49	25,114	25,114	70					
Oct-03	20,322,953	6,298,849	6,298,849	7,241	3,502,321	3,502,321	1,450	7,503,098	7,503,098	19,026	95	176,137	176,137	429	2,058	3,610	3,610	10	49	25,114	25,114	70					
Nov-03	20,485,648	7,130,580	7,130,580	7,251	3,799,219	3,799,219	1,455	7,474,749	7,474,749	18,324	95	187,622	187,622	429	2,058	3,542	3,542	10	48	25,114	25,114	70					
Dec-03	24,763,703	8,905,168	8,905,168	7,267	4,171,747	4,171,747	1,463	7,172,946	7,172,946	17,468	95	202,112	202,112	429	2,058	3,856	3,856	11	52	25,114	25,114	70					
Jan-04	26,912,980	11,260,273	11,260,273	7,268	5,142,401	5,142,401	1,462	8,201,918	8,201,918	17,835	96	196,853	196,853	429	2,058	3,391	3,391	9	45	25,114	25,114	70					
Feb-04	23,010,120	9,023,883	9,023,883	7,269	4,407,641	4,407,641	1,460	7,652,991	7,652,991	18,554	96	170,448	170,448	429	2,058	3,610	3,610	10	48	25,114	25,114	70					
Mar-04	21,186,267	7,683,399	7,683,399	7,268	4,079,128	4,079,128	1,457	7,652,076	7,652,076	18,425	96	163,364	163,364	429	2,058	3,589	3,589	10	48	25,114	25,114	70					
Apr-04	20,811,086	6,992,507	6,992,507	7,268	3,586,114	3,586,114	1,459	7,290,925	7,290,925	18,367	96	139,321	139,321	429	2,058	3,610	3,610	10	48	24,914	24,914	70					
May-04	17,703,744	4,892,623	4,892,623	7,273	3,325,850	3,325,850	1,463	7,158,332	7,158,332	19,042	95	127,192	127,192	429	2,058	3,600	3,600	10	48	25,314	25,314	70					
Jun-04	18,630,601	4,848,788	4,848,788	7,274	3,541,755	3,541,755	1,465	7,240,943	7,240,943	19,697	95	115,922	115,922	429	2,058	3,621	3,621	10	48	25,114	25,114	70					
Jul-04	18,377,788	5,247,139	5,247,139	7,284	4,133,593	4,133,593	1,469	7,713,073	7,713,073	19,195	94	122,899	122,899	429	2,058	3,534	3,534	10	47	25,114	25,114	70					
Aug-04	16,251,149	4,617,646	4,617,646	7,287	3,477,795	3,477,795	1,474	7,290,529	7,290,529	18,664	94	137,926	137,926	429	2,058	3,534	3,534	10	47	25,114	25,114	70					
Sep-04	17,555,997	5,015,892	5,015,892	7,296	3,695,334	3,695,334	1,478	7,532,953	7,532,953	18,749	94	151,557	151,557	429	2,058	3,520	3,520	10	47	25,114	25,114	70					
Oct-04	17,049,627	5,592,525	5,592,525	7,297	3,344,356	3,344,356	1,473	7,357,704	7,357,704	18,63																	

Lakeland Power Distribution Ltd

	UPLIFTED				Residential (NOT Uplifted)				GS<50 (NOT Uplifted)				GS>50 (NOT Uplifted)				Streetlights (NOT Uplifted)				Sentinel lights (NOT Uplifted)				USL (NOT Uplifted)			
	Wholesale		kWh		kWh		Customers		kWh		kWh		kW		kWh		kWh		kW		kWh		kW		kWh		kW	
	Purchased kWh	Consumed	Billed	Customers	Consumed	Billed	Customers	Consumed	Billed	Billed	Customers	Consumed	Billed	Billed	Connections	Consumed	Billed	Billed	Connections	Consumed	Billed	Connections	Consumed	Billed	Connections			
May-08	17,029,191	5,368,513	5,245,872	7488	3,277,392	3,168,135	1535	7,295,057	7,126,712	19,143	98	125,717	125,717	433	2,130	3,332	3,243	9	43	18,795	18,635	51						
Jun-08	16,878,293	4,824,133	4,802,246	7519	3,387,944	3,325,075	1535	7,369,958	7,378,688	19,569	98	114,297	114,297	423	2,130	3,294	3,387	9	45	18,475	18,635	50						
Jul-08	18,183,975	5,038,191	4,947,093	7532	3,741,127	3,672,953	1537	7,957,407	7,988,886	19,695	100	120,747	120,747	423	2,130	3,488	3,315	9	44	17,792	17,283	49						
Aug-08	17,732,167	4,958,531	4,901,913	7556	3,664,688	3,655,588	1543	7,982,839	7,953,179	19,440	100	135,338	135,338	423	2,130	3,313	3,317	9	44	17,283	17,283	47						
Sep-08	16,860,353	4,881,038	5,063,136	7577	3,261,971	3,435,026	1543	7,676,849	7,674,300	19,257	100	148,660	148,660	423	2,130	3,205	3,317	9	44	15,450	14,986	47						
Oct-08	18,640,281	5,977,646	5,736,151	7588	3,426,380	3,355,584	1543	7,836,210	7,787,007	18,500	100	172,873	172,873	423	2,130	3,362	3,354	9	45	15,115	14,986	47						
Nov-08	19,886,751	7,408,144	7,702,513	7605	3,783,852	3,978,635	1543	7,514,998	7,728,120	19,204	100	184,398	184,398	423	2,130	3,228	3,383	9	45	14,857	14,986	47						
Dec-08	22,939,032	9,567,657	9,160,716	7613	4,473,434	4,338,307	1544	7,179,055	7,178,677	18,028	100	199,095	199,095	423	2,130	3,500	3,383	9	45	14,581	14,266	46						
Jan-09	25,179,016	10,316,265	10,163,523	7616	4,693,029	4,486,075	1544	7,653,225	7,539,179	18,116	100	193,914	193,914	423	2,130	3,443	3,383	9	45	14,266	14,266	46						
Feb-09	20,744,809	8,504,317	9,162,954	7618	3,996,228	4,337,546	1547	6,921,984	7,106,164	17,571	100	175,728	175,728	423	2,130	3,157	3,383	9	45	13,872	14,266	46						
Mar-09	20,987,646	8,091,654	7,680,215	7626	4,007,180	3,839,630	1546	7,304,138	7,141,244	16,990	100	161,560	161,560	423	2,130	3,635	3,383	9	45	14,660	14,266	46						
Apr-09	17,548,619	6,342,124	6,643,770	7628	3,293,116	3,403,308	1544	6,677,986	6,727,975	17,116	100	137,770	137,770	423	2,130	3,350	3,383	9	45	14,143	14,266	45						
May-09	16,339,291	5,334,178	5,047,251	7628	3,160,898	2,899,724	1549	6,789,033	6,625,662	17,391	100	125,717	125,717	423	2,130	3,488	3,396	9	45	14,240	14,066	43						
Jun-09	16,363,954	4,863,897	5,175,577	7637	3,217,533	3,329,854	1549	6,875,806	6,969,758	18,021	100	114,297	114,297	423	2,130	3,275	3,373	9	44	13,595	13,628	43						
Jul-09	17,069,905	4,989,695	4,879,132	7659	3,499,748	3,521,640	1553	7,376,292	7,414,526	17,668	100	120,747	120,747	423	2,130	3,373	3,383	9	45	13,705	13,628	43						
Aug-09	17,698,258	5,128,548	5,292,129	7681	3,589,014	3,733,584	1552	7,372,559	7,456,623	17,800	100	135,338	135,338	423	2,130	3,343	3,383	9	45	13,588	13,628	43						
Sep-09	16,401,389	4,951,541	4,799,844	7686	3,212,977	3,175,025	1554	7,002,480	6,972,136	18,415	100	148,660	148,660	423	2,130	3,282	3,383	9	45	13,471	13,628	43						
Oct-09	18,036,761	6,198,939	5,836,846	7693	3,302,017	3,119,933	1547	6,877,714	6,754,301	16,701	101	172,873	172,873	423	2,130	3,491	3,383	9	45	13,705	13,628	43						
Nov-09	18,073,124	6,717,269	6,473,701	7697	3,363,266	3,263,780	1547	6,783,876	6,657,291	15,864	100	184,398	184,398	423	2,130	3,378	3,383	9	45	13,471	13,628	43						
Dec-09	21,527,001	9,203,856	9,556,390	7697	4,080,764	4,298,638	1547	6,420,151	6,691,944	16,742	99	199,095	199,095	423	2,130	3,287	3,383	9	45	13,705	13,628	43						
Jan-10	23,172,597	9,650,649	9,491,580	7713	4,312,532	4,179,142	1549	7,696,133	6,794,088	16,473	100	193,914	193,914	423	2,130	3,404	3,383	9	45	13,588	13,628	41						
Feb-10	20,395,977	8,233,323	9,136,627	7712	3,840,843	4,245,822	1549	6,198,986	6,716,821	16,190	99	175,728	175,728	423	2,130	3,242	3,383	9	45	12,377	12,458	42						
Mar-10	18,966,083	6,942,317	6,555,603	7723	3,558,896	3,334,831	1547	6,497,245	6,611,607	15,868	99	161,560	161,560	423	2,130	3,662	3,383	9	45	12,761	12,458	42						
Apr-10	15,876,110	5,481,459	5,401,019	7721	3,045,834	2,989,790	1550	6,046,098	6,250,508	16,108	99	137,770	137,770	423	2,130	3,379	3,383	9	45	12,962	12,458	41						
May-10	16,780,450	5,254,446	5,254,446	7722	3,221,337	3,221,337	1554	6,965,887	6,965,887	17,592	100	125,717	125,717	423	2,130	3,383	3,383	9	45	11,256	11,256	41						
Jun-10	15,920,655	4,967,109	4,967,109	7728	3,314,646	3,314,646	1553	6,770,764	6,770,764	17,769	100	114,297	114,297	423	2,130	3,383	3,383	9	45	11,256	11,256	41						
Jul-10	18,247,719	5,689,075	5,689,075	7750	3,957,008	3,957,008	1555	7,551,793	7,551,793	18,319	100	120,747	120,747	423	2,130	3,383	3,383	9	45	11,256	11,256	41						
Aug-10	18,196,813	5,245,990	5,245,990	7777	3,483,296	3,483,296	1555	7,521,522	7,521,522	17,659	100	135,338	135,338	423	2,130	3,383	3,383	9	44	11,256	11,256	41						
Sep-10	16,287,609	4,851,493	4,851,493	7781	3,090,081	3,090,081	1555	7,130,382	7,130,382	18,359	100	148,660	148,660	423	2,130	3,383	3,383	9	44	11,256	11,256	41						
Oct-10	17,018,502	5,881,677	5,881,677	7781	3,187,753	3,187,753	1552	6,790,065	6,790,065	16,672	100	172,873	172,873	423	2,130	3,385	3,385	9	44	11,256	11,256	41						
Nov-10	18,275,778	7,129,924	7,129,924	7782	3,561,988	3,561,988	1556	6,636,045	6,636,045	16,296	101	184,398	184,398	423	2,130	3,469	3,469	9	45	11,256	11,256	41						
Dec-10	22,070,790	9,725,660	9,725,660	7785	4,413,802	4,413,802	1558	6,803,019	6,803,019	16,279	100	199,095	199,095	423	2,130	3,308	3,308	9	43	11,256	11,256	41						
Jan-11	23,225,566	9,354,524	9,354,524	7779	4,266,523	4,266,523	1559	6,743,014	6,743,014	15,850	100	193,914	193,914	423	2,130	3,451	3,451	10	44	10,896	10,896	41						
Feb-11	20,579,135	8,668,035	8,668,035	7859	4,101,244	4,101,244	1560	6,792,956	6,792,956	16,909	100	175,728	175,728	423	2,130	3,383	3,383	9	44	11,016	11,016	41						
Mar-11	20,876,532	7,989,855	7,989,855	7873	3,999,450	3,999,450	1560	6,541,366	6,541,366	14,639	100	161,560	161,560	423	2,130	3,383	3,383	9	44	10,976	10,976	40						
Apr-11	17,445,769	6,277,867	6,277,867	7874	3,203,926	3,203,926	1562	6,650,049	6,650,049	16,531	100	137,770	137,770	423	2,130	3,383	3,383	9	44	11,216	11,216	40						
May-11	16,194,222	5,107,261	5,107,261	7869	3,123,674	3,123,674	1568	6,963,741	6,963,741	17,686	101	125,716	125,716	423	2,130	3,383	3,383	9	45	11,216	11,216	40						
Jun-11	15,886,340	4,603,338	4,603,338	7880	3,172,370	3,172,370	1568	6,724,925	6,724,925	16,835	101	114,297	114,297	423	2,130	3,383	3,383	9	45	10,917	10,917	40						