





Oct-13	17,475,407	208.5	0.4	31	1	15,288	18,478,147
Nov-13	20,981,769	478.2	0.0	30	1	15,334	21,251,537
Dec-13	23,645,692	687.9	0.0	31	0	15,352	25,697,936
Jan-14	27,344,318	825.9	0.0	31	0	15,406	27,463,445
Feb-14	23,698,938	737.1	0.0	28	0	15,425	24,463,334
Mar-14	24,427,815	690.6	0.0	31	1	15,444	24,615,409
Apr-14	19,352,181	356.9	0.0	30	1	15,478	19,807,273
May-14	17,549,445	132.1	11.9	31	1	15,497	17,984,484
Jun-14	18,258,424	14.1	68.1	30	0	15,515	18,755,741
Jul-14	19,452,973	4.0	71.0	31	0	15,587	19,388,762
Aug-14	19,828,414	8.8	81.8	31	0	15,628	19,800,397
Sep-14	17,976,813	69.7	30.1	30	1	15,648	17,206,474
Oct-14	19,058,731	224.3	1.3	31	1	15,688	18,928,942
Nov-14	22,053,999	482.1	0.0	30	1	15,720	21,517,485
Dec-14	24,252,934	557.3	0.0	31	0	15,775	24,293,521
Jan-15	26,951,654	792.4	0.0	31	0	15,793	27,259,700
Feb-15	25,657,093	856.8	0.0	28	0	15,802	26,180,253
Mar-15	23,477,412	615.5	0.0	31	1	15,826	23,885,792
Apr-15	18,850,232	313.7	0.0	30	1	15,843	19,469,201
May-15	18,121,126	89.3	34.1	31	1	15,856	18,322,789
Jun-15	18,217,550	33.8	32.3	30	0	15,883	18,122,176
Jul-15	21,783,994	4.0	114.3	31	0	15,881	20,869,981
Aug-15	20,830,602	4.4	88.6	31	0	15,970	20,143,929
Sep-15	19,861,337	31.1	81.9	30	1	16,005	18,496,092
Oct-15	18,777,773	249.8	0.0	31	1	16,050	19,413,484
Nov-15	20,148,030	345.0	0.0	30	1	16,127	20,022,349
Dec-15	22,509,584	429.7	0.0	31	0	16,168	22,909,967
Jan-16	700.2	0.0	0.0	31	0	16,222	26,340,934
Feb-16	663.5	0.0	0.0	29	0	16,275	24,647,325
Mar-16	541.3	0.0	0.0	31	1	16,329	23,236,388
Apr-16	311.8	0.1	0.0	30	1	16,383	19,751,902
May-16	127.9	22.2	0.0	31	1	16,436	18,773,306
Jun-16	25.3	65.1	0.0	30	0	16,490	19,353,119
Jul-16	2.2	129.3	0.0	31	0	16,544	21,675,094
Aug-16	5.4	103.5	0.0	31	0	16,598	20,961,190
Sep-16	62.7	35.5	0.0	30	1	16,651	17,846,162
Oct-16	239.5	2.6	0.0	31	1	16,705	19,730,828
Nov-16	414.4	0.0	0.0	30	1	16,759	21,250,145
Dec-16	583.6	0.0	0.0	31	0	16,812	25,206,741
Jan-17	700.2	0.0	0.0	31	0	16,849	26,693,723
Feb-17	663.5	0.0	0.0	28	0	16,887	24,359,420
Mar-17	541.3	0.0	0.0	31	1	16,924	23,570,622
Apr-17	311.8	0.1	0.0	30	1	16,961	20,076,860
May-17	127.9	22.2	0.0	31	1	16,998	19,088,986
Jun-17	25.3	65.1	0.0	30	0	17,035	19,659,522
Jul-17	2.2	129.3	0.0	31	0	17,073	21,972,221
Aug-17	5.4	103.5	0.0	31	0	17,110	21,249,039
Sep-17	62.7	35.5	0.0	30	1	17,147	18,124,734
Oct-17	239.5	2.6	0.0	31	1	17,184	20,000,123
Nov-17	414.4	0.0	0.0	30	1	17,221	21,510,163
Dec-17	583.6	0.0	0.0	31	0	17,259	25,457,481
Jan-18	700.2	0.0	0.0	31	0	17,346	26,972,716
Feb-18	663.5	0.0	0.0	28	0	17,433	24,666,667
Mar-18	541.3	0.0	0.0	31	1	17,521	23,906,121
Apr-18	311.8	0.1	0.0	30	1	17,608	20,440,611
May-18	127.9	22.2	0.0	31	1	17,696	19,480,991
Jun-18	25.3	65.1	0.0	30	0	17,783	20,079,779
Jul-18	2.2	129.3	0.0	31	0	17,871	22,420,731
Aug-18	5.4	103.5	0.0	31	0	17,958	21,725,802
Sep-18	62.7	35.5	0.0	30	1	18,046	18,629,750
Oct-18	239.5	2.6	0.0	31	1	18,133	20,533,392
Nov-18	414.4	0.0	0.0	30	1	18,221	22,071,684
Dec-18	583.6	0.0	0.0	31	0	18,308	26,047,255
Jan-19	700.2	0.0	0.0	31	0	18,415	27,573,425
Feb-19	663.5	0.0	0.0	28	0	18,522	25,278,309
Mar-19	541.3	0.0	0.0	31	1	18,629	24,528,698
Apr-19	311.8	0.1	0.0	30	1	18,736	21,074,123
May-19	127.9	22.2	0.0	31	1	18,843	20,125,437
Jun-19	25.3	65.1	0.0	30	0	18,950	20,735,160
Jul-19	2.2	129.3	0.0	31	0	19,056	23,087,045
Aug-19	5.4	103.5	0.0	31	0	19,163	22,403,052
Sep-19	62.7	35.5	0.0	30	1	19,270	19,317,934
Oct-19	239.5	2.6	0.0	31	1	19,377	21,232,510
Nov-19	414.4	0.0	0.0	30	1	19,484	22,781,737
Dec-19	583.6	0.0	0.0	31	0	19,591	26,768,242
Jan-20	700.2	0.0	0.0	31	0	19,667	28,276,947
Feb-20	663.5	0.0	0.0	29	0	19,743	26,595,782
Mar-20	541.3	0.0	0.0	31	1	19,819	25,197,290
Apr-20	311.8	0.1	0.0	30	1	19,894	21,725,249
May-20	127.9	22.2	0.0	31	1	19,970	20,759,098
Jun-20	25.3	65.1	0.0	30	0	20,046	21,351,355
Jul-20	2.2	129.3	0.0	31	0	20,122	23,685,776
Aug-20	5.4	103.5	0.0	31	0	20,198	22,984,317
Sep-20	62.7	35.5	0.0	30	1	20,274	19,881,733
Oct-20	239.5	2.6	0.0	31	1	20,349	21,778,844
Nov-20	414.4	0.0	0.0	30	1	20,425	23,310,606
Dec-20	583.6	0.0	0.0	31	0	20,501	27,279,646
Jan-21	700.2	0.0	0.0	31	0	20,592	28,796,558
Feb-21	663.5	0.0	0.0	28	0	20,682	26,492,186
Mar-21	541.3	0.0	0.0	31	1	20,772	25,733,317
Apr-21	311.8	0.1	0.0	30	1	20,863	22,269,484
May-21	127.9	22.2	0.0	31	1	20,953	21,311,541
Jun-21	25.3	65.1	0.0	30	0	21,044	21,912,006
Jul-21	2.2	129.3	0.0	31	0	21,134	24,254,635
Aug-21	5.4	103.5	0.0	31	0	21,225	23,561,383
Sep-21	62.7	35.5	0.0	30	1	21,315	20,467,008
Oct-21	239.5	2.6	0.0	31	1	21,406	22,372,327

Nov-21	414.4	0.0	30	1	21,496	23,912,296
Dec-21	583.6	0.0	31	0	21,586	27,889,544

Weather Normal 4,098,330,476

2006	234,398,899					236,716,534
2007	241,154,636					243,492,052
2008	245,623,028					242,687,774
2009	247,239,189					242,876,077
2010	250,239,379					245,540,747
2011	246,758,167					248,011,802
2012	245,129,838					245,994,875
2013	245,129,838					249,473,504
2014	253,254,985					254,225,266
2015	255,186,387					255,095,714
2016						258,773,135

Forecast of power purchased for the next 5 years

Total to 2015 -	2,464,114,346				2,464,114,346	0.0
					2,722,887,482	1,375,442,994.4

20 Year Trend

Jan-17	721.8	0.0	31	0	16,849	26,965,978	
Feb-17	706.0	0.0	28	0	16,887	24,893,428	
Mar-17	544.1	0.0	31	1	16,924	23,605,991	
Apr-17	306.0	0.0	30	1	16,961	20,000,904	
May-17	106.6	26.0	31	1	16,998	18,935,251	
Jun-17	23.9	63.2	30	0	17,035	19,585,355	
Jul-17	0.0	140.3	31	0	17,073	22,280,253	
Aug-17	0.0	107.5	31	0	17,110	21,303,767	
Sep-17	57.6	42.2	30	1	17,147	18,264,676	
Oct-17	230.4	2.3	31	1	17,184	19,876,944	
Nov-17	403.0	0.0	30	1	17,221	21,366,227	
Dec-17	574.1	0.0	31	0	17,259	25,338,873	262,417,646.6
Jan-18	722.3	0.0	31	0	17,346	27,250,917	
Feb-18	712.3	0.0	28	0	17,433	25,280,151	
Mar-18	544.0	0.0	31	1	17,521	23,940,049	
Apr-18	304.5	0.0	30	1	17,608	20,345,168	
May-18	103.2	26.8	31	1	17,696	19,309,693	
Jun-18	23.5	62.8	30	0	17,783	19,987,593	
Jul-18	-0.1	141.6	31	0	17,871	22,766,907	
Aug-18	3.9	107.8	31	0	17,958	21,837,819	
Sep-18	57.5	42.5	30	1	18,046	18,778,987	
Oct-18	229.2	2.3	31	1	18,133	20,394,369	
Nov-18	402.1	0.0	30	1	18,221	21,917,238	
Dec-18	572.4	0.0	31	0	18,308	25,906,776	267,715,668.5
Jan-19	722.8	0.0	31	0	18,415	27,857,571	
Feb-19	718.6	0.0	28	0	18,522	25,971,271	
Mar-19	543.9	0.0	31	1	18,629	24,561,186	
Apr-19	303.1	-0.1	30	1	18,736	20,959,193	
May-19	99.8	27.6	31	1	18,843	19,936,576	
Jun-19	23.0	62.4	30	0	18,950	20,624,954	
Jul-19	-0.3	142.9	31	0	19,056	23,468,823	
Aug-19	3.8	108.0	31	0	19,163	22,521,462	
Sep-19	57.4	42.9	30	1	19,270	19,476,466	
Oct-19	228.0	2.2	31	1	19,377	21,077,644	
Nov-19	401.3	0.0	30	1	19,484	22,616,781	
Dec-19	570.7	0.0	31	0	19,591	26,605,893	275,677,819.0
Jan-20	723.2	0.0	31	0	19,667	28,567,039	
Feb-20	724.9	0.0	29	0	19,743	27,368,220	
Mar-20	543.7	0.0	31	1	19,819	25,228,336	
Apr-20	301.7	-0.1	30	1	19,894	21,590,831	
May-20	96.5	28.4	31	1	19,970	20,552,675	
Jun-20	22.6	62.0	30	0	20,046	21,223,131	
Jul-20	-0.6	144.2	31	0	20,122	24,103,154	
Aug-20	3.6	108.3	31	0	20,198	23,109,121	
Sep-20	57.3	43.2	30	1	20,274	20,049,561	
Oct-20	226.8	2.2	31	1	20,349	21,608,135	
Nov-20	400.5	0.0	30	1	20,425	23,135,140	
Dec-20	568.9	0.0	31	0	20,501	27,095,426	283,630,767.7
Jan-21	723.7	0.0	31	0	20,592	29,092,596	
Feb-21	731.3	0.0	28	0	20,682	27,344,100	
Mar-21	543.6	0.0	31	1	20,772	25,762,923	
Apr-21	300.3	-0.2	30	1	20,863	22,115,580	
May-21	93.1	29.3	31	1	20,953	21,087,555	
Jun-21	22.2	61.5	30	0	21,044	21,765,762	
Jul-21	-0.9	145.4	31	0	21,134	24,707,614	
Aug-21	3.5	108.6	31	0	21,225	23,692,581	
Sep-21	57.2	43.6	30	1	21,315	20,644,131	
Oct-21	225.6	2.2	31	1	21,406	22,185,774	
Nov-21	399.6	0.0	30	1	21,496	23,726,321	
Dec-21	567.2	0.0	31	0	21,586	27,683,454	289,808,390.5

	Consumed	Heating Degree Days	Cooling Degree Days	Spring Fall Flag	Number of Days in Month	Number of Customers	Predicted Consumption	Variances (kWh)	% Variance
Jan-06	15,656,721	551.8	0	0	31	12,828	14,257,018		
Feb-06	14,305,197	604.3	0	0	28	12,835	14,740,250		
Mar-06	14,164,560	516.6	0	1	31	12,843	13,568,446		
Apr-06	10,773,864	293.3	0	1	30	12,856	11,513,102		
May-06	9,989,674	136.9	26	1	31	12,861	10,590,419		
Jun-06	10,480,487	19.5	73.6	0	30	12,867	10,820,699		
Jul-06	12,380,113	0	167.3	0	31	12,888	12,503,991		
Aug-06	11,213,160	4.2	101.6	0	31	12,905	11,236,518		
Sep-06	9,420,147	80.9	12.9	1	30	12,911	9,814,541		
Oct-06	11,103,931	288.3	1.1	1	31	12,926	11,488,948		
Nov-06	12,426,249	382.2	0	1	30	12,757	12,331,374		
Dec-06	14,468,915	500.5	0	0	31	12,949	13,784,832		
Jan-07	16,249,963	647.1	0	0	31	12,963	15,134,198		
Feb-07	15,687,569	740.1	0	0	28	12,973	15,990,208		
Mar-07	14,688,141	546.7	0	1	31	12,975	13,845,498		
Apr-07	11,526,759	356.4	0	1	30	12,979	12,093,900		
May-07	9,949,931	136.4	22.4	1	31	12,984	10,514,248		
Jun-07	10,346,267	16.5	99.2	0	30	12,991	11,302,020		
Jul-07	11,498,005	3.2	106.1	0	31	13,011	11,316,775		
Aug-07	11,423,707	5.2	141	0	31	13,034	12,029,004		
Sep-07	9,689,281	36.9	47.5	1	30	13,055	10,097,404		
Oct-07	10,253,643	137.7	19.8	1	31	13,090	10,474,525		
Nov-07	12,917,037	462.5	0	1	30	13,090	13,070,487		
Dec-07	16,029,153	630.7	0	0	31	13,132	14,983,246		
Jan-08	16,108,836	623.5	0	0	31	13,149	14,916,974		
Feb-08	15,111,865	674.7	0	0	29	13,164	15,388,240		
Mar-08	14,824,395	610.2	0	1	31	13,185	14,429,978		
Apr-08	10,995,224	253.9	0	1	30	13,202	11,150,448		
May-08	10,238,538	193.5	2.5	1	31	13,240	10,644,203		
Jun-08	10,371,805	22.7	71.5	0	30	13,277	10,808,404		
Jul-08	11,432,740	1	111	0	31	13,308	11,393,938		
Aug-08	10,970,422	12.7	64	0	31	13,349	10,567,258		
Sep-08	9,784,362	59	26.7	1	30	13,384	9,887,312		
Oct-08	10,926,030	278.6	0	1	31	13,423	11,377,797		
Nov-08	13,094,794	451.6	0	1	30	13,431	12,970,159		
Dec-08	16,764,512	654.6	0	0	31	13,472	15,203,231		
Jan-09	17,810,584	830.2	0	0	31	13,491	16,819,525		
Feb-09	14,875,943	606.4	0	0	28	13,506	14,759,579		
Mar-09	14,168,411	533.8	0	1	31	13,518	13,726,762		
Apr-09	11,457,915	305.8	1.2	1	30	13,525	11,652,013		
May-09	10,081,810	158.8	6.9	1	31	13,530	10,412,283		
Jun-09	9,854,813	49.3	34.2	0	30	13,533	10,311,709		
Jul-09	10,889,246	6.2	43.7	0	31	13,781	10,103,861		
Aug-09	11,628,804	9.8	91	0	31	14,047	11,077,332		
Sep-09	9,993,074	55.2	20.9	1	30	14,145	9,737,030		
Oct-09	11,313,182	287.8	0	1	31	14,177	11,462,478		
Nov-09	12,003,176	361.2	0	1	30	14,179	12,138,081		
Dec-09	15,992,024	631.3	0	0	31	13,636	14,988,769		
Jan-10	16,758,847	720	0	0	31	13,627	15,805,200		
Feb-10	14,108,588	598.3	0	0	28	13,628	14,685,023		
Mar-10	12,565,986	422.8	0	1	31	13,641	12,705,073		
Apr-10	10,254,608	225.1	0	1	30	13,641	10,885,361		
May-10	10,319,214	107.9	45.7	1	31	13,637	10,715,132		
Jun-10	10,886,710	21.7	58.7	0	30	13,651	10,544,733		
Jul-10	12,945,230	1.8	164.9	0	31	13,662	12,472,846		
Aug-10	12,216,023	2.1	138.8	0	31	13,688	11,956,734		
Sep-10	10,068,692	78.1	31.5	1	30	13,700	10,158,541		
Oct-10	10,537,708	241.6	0	1	31	13,713	11,037,234		
Nov-10	12,377,930	405.3	0	1	30	13,730	12,543,995		
Dec-10	15,852,526	676.2	0	0	31	13,747	15,402,047		
Jan-11	16,696,145	775.3	0	0	31	13,752	16,314,203		
Feb-11	14,407,275	654.2	0	0	28	13,757	15,199,550		
Mar-11	14,015,514	572.8	0	1	31	13,766	14,085,733		
Apr-11	11,306,265	332.3	0	1	30	13,767	11,872,074		
May-11	9,737,594	134.1	13	1	31	13,771	10,306,204		
Jun-11	9,716,476	19	52.2	0	30	13,779	10,390,659		
Jul-11	13,535,935	0	198.5	0	31	13,793	13,124,255		
Aug-11	11,675,437	0	122.2	0	31	13,804	11,607,392		
Sep-11	9,553,832	48.2	39.7	1	30	13,800	10,046,347		
Oct-11	10,426,163	235.5	2.4	1	31	13,820	11,028,800		
Nov-11	11,200,470	342.1	0	1	30	13,839	11,962,277		
Dec-11	14,406,250	534	0	0	31	13,854	14,093,180		
Jan-12	14,419,203	611.1	0	0	31	13,859	14,802,840		
Feb-12	15,186,723	531.7	0	0	29	13,863	14,072,010		
Mar-12	13,290,184	349.4	0.2	1	31	13,884	12,033,445		
Apr-12	11,753,568	321.7	0	1	30	13,893	11,774,507		
May-12	10,732,730	80.7	36.7	1	31	13,898	10,285,850		
Jun-12	9,647,919	23.2	101.6	0	30	13,903	11,411,402		
Jul-12	11,182,332	0	195.4	0	31	13,944	13,062,626		
Aug-12	13,798,406	2	112.1	0	31	13,974	11,425,011		
Sep-12	11,993,115	85	35.6	1	30	13,980	10,303,561		
Oct-12	9,968,055	242.5	1.1	1	31	14,024	11,067,386		
Nov-12	10,745,430	434	0	1	30	14,037	12,808,162		

SUMMARY OUTPUT

Regression Statistics					
Multiple R	88%				
R Square	78%				
Adjusted R Square	77%				
Standard Error	1,066,427				
Observations	120				

  

ANOVA					
	df	SS	MS	F	Significance F
Regression	3	4.58424E+14	1.52808E+14	134.3643968	1.37224E-37
Residual	116	1.31923E+14	1.13727E+12		
Total	119	5.90347E+14			

  

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	9,178,027	404,861.40	22.67	1.96159E-44	8,376,148.12	9,979,906.16
Heating Degree Days	9,204	632.81	14.55	6.50133E-28	7,951.05	10,457.77
Cooling Degree Days	19,880	3,858.95	5.15	1.06944E-06	12,237.09	27,523.38
Spring Fall Flag	(364,578)	263,558.87	(1.38)	0.169233405	(886,589.12)	157,433.98

Dec-12	12,225,430	533.5	0	0	31	14,061	14,088,578
Jan-13	14,692,174	624.4	0	0	31	14,074	14,925,258
Feb-13	15,269,953	631.5	0	0	28	14,084	14,990,610
Mar-13	14,126,587	554.8	0	1	31	14,097	13,920,054
Apr-13	13,656,289	358.6	0	1	30	14,105	12,114,150
May-13	11,414,254	109.1	23.1	1	31	14,135	10,276,884
Jun-13	9,912,417	33	59.6	0	30	14,157	10,666,635
Jul-13	10,710,649	1.3	120.8	0	31	14,183	11,591,526
Aug-13	13,234,184	4.4	93.8	0	31	14,221	11,083,293
Sep-13	11,544,524	83	28.1	1	30	14,235	10,136,050
Oct-13	10,038,352	208.5	0.4	1	31	14,261	10,740,520
Nov-13	10,529,891	478.2	0	1	30	14,303	13,214,997
Dec-13	12,835,022	687.9	0	0	31	14,317	15,509,738
Jan-14	16,379,015	825.9	0	0	31	14,372	16,779,946
Feb-14	17,466,985	737.1	0	0	28	14,388	15,962,595
Mar-14	14,955,218	690.6	0	1	31	14,406	15,170,012
Apr-14	15,294,723	356.9	0	1	30	14,439	12,098,502
May-14	11,587,580	132.1	11.9	1	31	14,461	10,265,926
Jun-14	9,833,122	14.1	68.1	0	30	14,474	10,661,654
Jul-14	10,541,057	4	71	0	31	14,507	10,626,342
Aug-14	11,450,190	8.8	81.8	0	31	14,539	10,885,229
Sep-14	11,521,628	69.7	30.1	1	30	14,566	10,053,392
Oct-14	9,968,060	224.3	1.3	1	31	14,612	10,903,842
Nov-14	10,531,538	482.1	0	1	30	14,647	13,250,894
Dec-14	12,848,843	557.3	0	0	31	14,699	14,307,643
Jan-15	14,844,381	792.4	0	0	31	14,727	16,471,599
Feb-15	16,906,264	856.8	0	0	28	14,735	17,064,362
Mar-15	16,266,030	615.5	0	1	31	14,759	14,478,762
Apr-15	14,274,594	313.7	0	1	30	14,776	11,700,872
May-15	10,939,645	89.3	34.1	1	31	14,789	10,313,319
Jun-15	10,005,424	33.8	32.3	0	30	14,816	10,131,268
Jul-15	9,913,946	4	114.3	0	31	14,814	11,487,156
Aug-15	12,836,683	4.4	88.6	0	31	14,895	10,979,916
Sep-15	12,007,590	31.1	81.9	1	30	14,926	10,727,898
Oct-15	11,180,147	249.8	0	1	31	14,975	11,112,710
Nov-15	10,611,038	345	0	1	30	15,045	11,988,970
Dec-15	11,257,182	429.7	0	0	31	15,082	13,133,160

Weather Normal

1,489,232,669

2006	146,383,018					146,650,138	267,120	0.2%
2007	150,259,456					150,851,513	592,057	0.4%
2008	150,623,523					148,737,944	(1,885,579)	-1.3%
2009	150,068,982					147,189,421	(2,879,561)	-1.9%
2010	148,892,062					148,911,919	19,857	0.0%
2011	146,677,356					150,030,674	3,353,318	2.3%
2012	144,943,095					147,135,377	2,192,282	1.5%
2013	147,964,296					149,169,714	1,205,418	0.8%
2014	152,377,958					150,965,978	(1,411,981)	-0.9%
2015	151,042,923					149,589,992	(1,452,931)	-1.0%

Total to 2011 1,489,232,669 1,489,232,669 0

	Consumed	Heating Degree Days	Cooling Degree Days	Number of Customers	Spring Flag	Fall Flag	Number of Days in Month	Predicted Consumption	Variations (kWh)	% Variance
Jan-06	2,405,185	551.8	0	894	0		31	2,609,172		
Feb-06	2,220,986	604.3	0	893	0		28	2,652,496		
Mar-06	2,311,304	516.6	0	894	1		31	2,578,636		
Apr-06	1,970,759	293.3	0	897	1		30	2,391,584		
May-06	1,991,763	136.9	26	891	1		31	2,325,993		
Jun-06	2,203,302	19.5	73.6	797	0		30	2,168,198		
Jul-06	2,484,696	0	167.3	811	0		31	2,482,931		
Aug-06	2,359,413	4.2	101.6	815	0		31	2,284,698		
Sep-06	2,127,231	80.9	12.9	818	1		30	2,073,359		
Oct-06	2,278,439	288.3	1.1	821	1		31	2,222,083		
Nov-06	2,340,246	382.2	0	811	1		30	2,277,816		
Dec-06	2,439,858	500.5	0	816	0		31	2,391,539		
Jan-07	2,566,158	647.1	0	816	0		31	2,518,714		
Feb-07	2,449,930	740.1	0	818	0		28	2,603,830		
Mar-07	2,503,057	546.7	0	820	1		31	2,440,496		
Apr-07	2,150,206	356.4	0	819	1		30	2,273,192		
May-07	2,173,559	136.4	22.4	818	1		31	2,151,979		
Jun-07	2,286,735	16.5	99.2	819	0		30	2,296,548		
Jul-07	2,434,031	3.2	106.1	824	0		31	2,318,242		
Aug-07	2,419,591	5.2	141	821	0		31	2,425,272		
Sep-07	2,195,496	36.9	47.5	824	1		30	2,159,498		
Oct-07	2,297,711	137.7	19.8	826	1		31	2,162,523		
Nov-07	2,455,130	462.5	0	826	1		30	2,380,771		
Dec-07	2,654,818	630.7	0	831	0		31	2,537,781		
Jan-08	2,708,152	623.5	0	831	0		31	2,531,535		
Feb-08	2,543,856	674.7	0	832	0		29	2,578,171		
Mar-08	2,579,260	610.2	0	833	1		31	2,524,437		
Apr-08	2,176,154	253.9	0	834	1		30	2,217,568		
May-08	2,168,104	193.5	2.5	838	1		31	2,182,069		
Jun-08	2,214,082	22.7	71.5	836	0		30	2,250,803		
Jul-08	2,343,602	1	111	836	0		31	2,358,688		
Aug-08	2,300,528	12.7	64	837	0		31	2,220,289		
Sep-08	2,111,286	59	26.7	839	1		30	2,145,241		
Oct-08	2,222,937	278.6	0	840	1		31	2,252,313		
Nov-08	2,396,744	451.6	0	843	1		30	2,409,048		
Dec-08	2,623,822	654.6	0	842	0		31	2,582,930		
Jan-09	2,722,823	830.2	0	846	0		31	2,744,141		
Feb-09	2,424,700	606.4	0	846	0		28	2,549,995		
Mar-09	2,427,300	533.8	0	846	1		31	2,487,015		
Apr-09	2,234,311	305.8	1.2	849	1		30	2,299,735		
May-09	2,126,121	158.8	6.9	850	1		31	2,192,717		
Jun-09	2,169,041	49.3	34.2	855	0		30	2,196,399		
Jul-09	2,310,652	6.2	43.7	857	0		31	2,193,923		
Aug-09	2,378,057	9.8	91	857	0		31	2,348,777		
Sep-09	2,164,587	55.2	20.9	856	1		30	2,161,072		
Oct-09	2,341,208	287.8	0	861	1		31	2,306,906		
Nov-09	2,351,792	361.2	0	856	1		30	2,359,482		
Dec-09	2,667,735	631.3	0	855	0		31	2,591,573		
Jan-10	2,750,890	720	0	854	0		31	2,666,300		
Feb-10	2,436,943	598.3	0	852	0		28	2,556,287		
Mar-10	2,344,061	422.8	0	852	1		31	2,404,041		
Apr-10	2,116,368	225.1	0	852	1		30	2,232,537		
May-10	2,317,663	107.9	45.7	862	1		31	2,299,661		
Jun-10	2,346,316	21.7	58.7	865	0		30	2,273,244		
Jul-10	2,633,804	1.8	164.9	870	0		31	2,607,751		
Aug-10	2,573,532	2.1	138.8	877	0		31	2,539,824		
Sep-10	2,297,240	78.1	31.5	878	1		30	2,263,773		
Oct-10	2,376,983	241.6	0	883	1		31	2,315,659		
Nov-10	2,420,856	405.3	0	890	1		30	2,473,206		
Dec-10	2,808,483	676.2	0	892	0		31	2,712,649		
Jan-11	2,916,087	775.3	0	893	0		31	2,800,838		
Feb-11	2,595,862	654.2	0	891	0		28	2,691,345		
Mar-11	2,660,869	572.8	0	894	1		31	2,627,390		
Apr-11	2,340,953	332.3	0	894	1		30	2,418,757		
May-11	2,315,445	134.1	13	894	1		31	2,288,521		
Jun-11	2,399,956	19	52.2	896	0		30	2,318,859		
Jul-11	2,786,776	0	198.5	899	0		31	2,778,342		
Aug-11	2,615,109	0	122.2	900	0		31	2,535,804		
Sep-11	2,322,637	48.2	39.7	905	1		30	2,324,069		

SUMMARY OUTPUT

Regression Statistics	
Multiple R	85%
R Square	72%
Adjusted R Square	71%
Standard Error	135,890
Observations	120

ANOVA					
	df	SS	MS	F	Significance F
Regression	3	5.55059E+12	1.8502E+12	100.1938259	4.60757E-32
Residual	116	2.14208E+12	18466176034		
Total	119	7.69267E+12			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	146,146	179,909.55	0.81	0.418264896	(210,187.18)	502,479.88
Heating Degree Days	867	65.63	13.22	6.82174E-25	737.51	997.48
Cooling Degree Days	3,208	364.93	8.79	1.59801E-14	2,485.05	3,930.63
Number of Customers	2,220	196.72	11.28	2.22612E-20	1,829.99	2,609.25

Oct-11	2,383,183	235.5	2.4	907	1	31	2,371,337
Nov-11	2,441,092	342.1	0	902	1	30	2,445,015
Dec-11	2,685,737	534	0	904	0	31	2,615,927
Jan-12	2,729,350	611.1	0	904	0	31	2,682,811
Feb-12	2,753,257	531.7	0	904	0	29	2,613,932
Mar-12	2,566,239	349.4	0.2	904	1	31	2,456,429
Apr-12	2,561,628	321.7	0	905	1	30	2,433,977
May-12	2,292,791	80.7	36.7	910	1	31	2,353,737
Jun-12	2,451,988	23.2	101.6	910	0	30	2,512,045
Jul-12	2,572,287	0	195.4	909	0	31	2,790,594
Aug-12	2,763,653	2	112.1	911	0	31	2,529,556
Sep-12	2,699,405	85	35.6	920	1	30	2,376,135
Oct-12	2,275,245	242.5	1.1	926	1	31	2,415,412
Nov-12	2,473,946	434	0	930	1	30	2,586,888
Dec-12	2,583,609	533.5	0	932	0	31	2,677,643
Jan-13	2,679,143	624.4	0	933	0	31	2,758,718
Feb-13	2,864,870	631.5	0	935	0	28	2,769,316
Mar-13	2,609,208	554.8	0	935	1	31	2,702,779
Apr-13	2,632,742	358.6	0	934	1	30	2,530,357
May-13	2,375,993	109.1	23.1	936	1	31	2,392,457
Jun-13	2,375,528	33	59.6	946	0	30	2,465,723
Jul-13	2,403,641	1.3	120.8	958	0	31	2,661,179
Aug-13	2,699,207	4.4	93.8	957	0	31	2,575,037
Sep-13	2,574,379	83	28.1	959	1	30	2,436,906
Oct-13	2,365,919	208.5	0.4	962	1	31	2,463,579
Nov-13	2,579,534	478.2	0	966	1	30	2,705,137
Dec-13	2,682,831	687.9	0	970	0	31	2,895,929
Jan-14	2,952,055	825.9	0	968	0	31	3,011,205
Feb-14	3,157,353	737.1	0	971	0	28	2,940,830
Mar-14	2,822,324	690.6	0	972	1	31	2,902,711
Apr-14	2,913,100	356.9	0	973	1	30	2,615,448
May-14	2,373,330	132.1	11.9	970	1	31	2,451,949
Jun-14	2,336,278	14.1	68.1	974	0	30	2,538,744
Jul-14	2,440,130	4	71	1,012	0	31	2,623,630
Aug-14	2,548,929	8.8	81.8	1,021	0	31	2,682,416
Sep-14	2,416,998	69.7	30.1	1,014	1	30	2,553,863
Oct-14	2,501,281	224.3	1.3	1,009	1	31	2,584,494
Nov-14	2,737,984	482.1	0	1,004	1	30	2,792,866
Dec-14	2,822,277	557.3	0	1,007	0	31	2,864,761
Jan-15	3,269,236	792.4	0	997	0	31	3,046,512
Feb-15	3,304,585	856.8	0	998	0	28	3,104,599
Mar-15	3,108,557	615.5	0	998	1	31	2,895,272
Apr-15	3,021,846	313.7	0	997	1	30	2,631,243
May-15	2,605,051	89.3	34.1	997	1	31	2,545,964
Jun-15	2,697,597	33.8	32.3	997	0	30	2,492,044
Jul-15	2,621,303	4	114.3	996	0	31	2,727,016
Aug-15	2,896,317	4.4	88.6	1,003	0	31	2,660,459
Sep-15	2,724,978	31.1	81.9	1,004	1	30	2,664,348
Oct-15	2,670,877	249.8	0	1,000	1	31	2,582,469
Nov-15	2,674,255	345	0	1,008	1	30	2,682,811
Dec-15	2,624,072	429.7	0	1,012	0	31	2,765,166

Weatthter Normal

300,120,411

2006	27,133,182			28,458,506	1,325,324	4.9%
2007	28,586,422			28,268,846	(317,576)	-1.1%
2008	28,388,527			28,253,092	(135,435)	-0.5%
2009	28,318,327			28,431,736	113,409	0.4%
2010	29,423,139			29,344,933	(78,206)	-0.3%
2011	30,463,706			30,216,204	(247,502)	-0.8%
2012	30,723,398			30,429,157	(294,241)	-1.0%
2013	30,842,995			31,357,117	514,122	1.7%
2014	32,022,040			32,562,916	540,875	1.7%
2015	34,218,675			32,797,902	(1,420,772)	-4.2%

Total to 2011 300,120,411

300,120,411

0



	Consumed	Heating Degree Days	Cooling Degree Days	Number of Days in Month	Spring Flag	Fall Flag	Number of Customers	Predicted Consumption	Variance (kWh)	% Variance
Jan-06	3,504,488	551.8	0	31	0	0	81	4,089,172		
Feb-06	3,222,615	604.3	0	28	0	0	80	4,041,887		
Mar-06	3,449,527	516.6	0	31	1	1	80	4,075,868		
Apr-06	3,144,707	293.3	0	30	1	1	80	3,969,099		
May-06	3,320,523	136.9	26	31	1	1	80	3,955,595		
Jun-06	3,217,349	19.5	73.6	30	0	0	80	3,931,378		
Jul-06	3,320,788	0	167.3	31	0	0	65	4,030,099		
Aug-06	3,261,074	4.2	101.6	31	0	0	66	3,972,987		
Sep-06	3,173,965	80.9	12.9	30	1	1	67	3,900,351		
Oct-06	3,391,458	288.3	1.1	31	1	1	67	3,990,568		
Nov-06	3,386,870	382.2	0	30	1	1	67	4,002,698		
Dec-06	3,333,891	500.5	0	31	0	0	67	4,069,783		
Jan-07	3,416,075	647.1	0	31	0	0	70	4,125,189		
Feb-07	3,153,475	740.1	0	28	0	0	70	4,093,211		
Mar-07	3,314,545	546.7	0	31	1	1	70	4,087,244		
Apr-07	3,030,956	356.4	0	30	1	1	71	3,992,947		
May-07	3,141,479	136.4	22.4	31	1	1	71	3,952,190		
Jun-07	3,194,900	16.5	99.2	30	0	0	71	3,953,116		
Jul-07	3,204,487	3.2	106.1	31	0	0	70	3,976,630		
Aug-07	3,218,318	5.2	141	31	0	0	70	4,008,567		
Sep-07	3,271,925	36.9	47.5	30	1	1	70	3,914,635		
Oct-07	3,588,707	137.7	19.8	31	1	1	71	3,950,358		
Nov-07	3,761,009	462.5	0	30	1	1	71	4,033,046		
Dec-07	3,870,949	630.7	0	31	0	0	72	4,118,991		
Jan-08	3,952,667	623.5	0	31	0	0	72	4,116,270		
Feb-08	3,721,999	674.7	0	29	0	0	73	4,090,869		
Mar-08	3,767,626	610.2	0	31	1	1	73	4,111,243		
Apr-08	3,502,956	253.9	0	30	1	1	73	3,954,209		
May-08	3,563,732	193.5	2.5	31	1	1	73	3,955,990		
Jun-08	3,531,127	22.7	71.5	30	0	0	73	3,930,711		
Jul-08	3,652,158	1	111	31	0	0	74	3,980,176		
Aug-08	3,705,140	12.7	64	31	0	0	74	3,942,606		
Sep-08	3,825,164	59	26.7	30	1	1	74	3,904,404		
Oct-08	4,010,251	278.6	0	31	1	1	74	3,985,919		
Nov-08	4,029,874	451.6	0	30	1	1	74	4,028,927		
Dec-08	4,253,129	654.6	0	31	0	0	74	4,128,024		
Jan-09	4,093,327	830.2	0	31	0	0	74	4,194,389		
Feb-09	3,845,597	606.4	0	28	0	0	74	4,042,681		
Mar-09	4,098,357	533.8	0	31	1	1	74	4,082,369		
Apr-09	3,726,593	305.8	1.2	30	1	1	74	3,974,896		
May-09	3,697,247	158.8	6.9	31	1	1	75	3,946,807		
Jun-09	3,539,269	49.3	34.2	30	0	0	72	3,907,438		
Jul-09	3,698,838	6.2	43.7	31	0	0	72	3,922,012		
Aug-09	4,067,503	9.8	91	31	0	0	72	3,965,633		
Sep-09	4,020,681	55.2	20.9	30	1	1	72	3,897,785		
Oct-09	4,114,121	287.8	0	31	1	1	72	3,989,396		
Nov-09	4,196,370	361.2	0	30	1	1	72	3,994,761		
Dec-09	4,346,550	631.3	0	31	0	0	72	4,119,218		
Jan-10	4,467,755	720	0	31	0	0	73	4,152,741		
Feb-10	4,091,689	598.3	0	28	0	0	73	4,039,619		
Mar-10	4,408,918	422.8	0	31	1	1	73	4,040,418		
Apr-10	3,956,850	225.1	0	30	1	1	73	3,943,324		
May-10	4,178,542	107.9	45.7	31	1	1	71	3,962,236		
Jun-10	4,295,870	21.7	58.7	30	0	0	68	3,918,897		
Jul-10	4,296,963	1.8	164.9	31	0	0	67	4,028,635		
Aug-10	4,422,302	2.1	138.8	31	0	0	68	4,005,430		
Sep-10	4,190,730	78.1	31.5	30	1	1	68	3,915,911		
Oct-10	4,346,909	241.6	0	31	1	1	68	3,971,935		
Nov-10	4,206,995	405.3	0	30	1	1	68	4,011,428		
Dec-10	4,242,518	676.2	0	31	0	0	68	4,136,187		
Jan-11	4,294,433	775.3	0	31	0	0	68	4,173,641		
Feb-11	3,932,436	654.2	0	28	0	0	68	4,060,746		
Mar-11	4,256,728	572.8	0	31	1	1	68	4,097,108		
Apr-11	3,978,925	332.3	0	30	1	1	68	3,983,839		
May-11	4,091,845	134.1	13	31	1	1	68	3,942,922		
Jun-11	4,026,185	19	52.2	30	0	0	67	3,912,069		
Jul-11	4,195,592	0	198.5	31	0	0	67	4,057,975		
Aug-11	4,267,059	0	122.2	31	0	0	68	3,989,805		
Sep-11	4,093,999	48.2	39.7	30	1	1	67	3,911,937		

SUMMARY OUTPUT

Regression Statistics	
Multiple R	17%
R Square	3%
Adjusted R Square	0%
Standard Error	437,099.54
Observations	120

ANOVA

	df	SS	MS	F	Significance F
Regression	3	6.76695E+11	2.25565E+11	1.180622245	0.320267398
Residual	116	2.21625E+13	1.91056E+11		
Total	119	2.28392E+13			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	3,186,986	1528131.224	2.09	0.039212717	160329.9502	6213642.825
Heating Degree Days	378	212.4543795	1.78	0.077873622	-42.85523552	798.7301013
Cooling Degree Days	893	1177.388886	0.76	0.44948958	-1438.521499	3225.412587
Number of Days in Month	22,375	49958.81405	0.45	0.655076472	-76574.26474	121325.1876

Oct-11	4,238,340	235.5	2.4	31	1	67	3,971,774
Nov-11	4,324,842	342.1	0	30	1	68	3,987,543
Dec-11	4,305,174	534	0	31	0	68	4,082,444
Jan-12	4,408,677	611.1	0	31	0	68	4,111,583
Feb-12	4,391,689	531.7	0	29	0	68	4,036,824
Mar-12	4,119,900	349.4	0.2	31	1	68	4,012,856
Apr-12	4,274,757	321.7	0	30	1	69	3,979,833
May-12	3,790,260	80.7	36.7	31	1	69	3,943,915
Jun-12	4,258,545	23.2	101.6	30	0	69	3,957,792
Jul-12	4,305,966	0	195.4	31	0	68	4,055,205
Aug-12	4,273,773	2	112.1	31	0	68	3,981,537
Sep-12	4,455,584	85	35.6	30	1	68	3,922,182
Oct-12	3,873,871	242.5	1.1	31	1	62	3,973,258
Nov-12	4,175,824	434	0	30	1	69	4,022,275
Dec-12	4,809,264	533.5	0	31	0	69	4,082,255
Jan-13	4,310,080	624.4	0	31	0	69	4,116,610
Feb-13	4,557,931	631.5	0	28	0	69	4,052,167
Mar-13	4,026,120	554.8	0	31	1	68	4,090,305
Apr-13	4,223,484	358.6	0	30	1	68	3,993,779
May-13	4,095,207	109.1	23.1	31	1	68	3,942,497
Jun-13	4,235,433	33	59.6	30	0	69	3,923,972
Jul-13	4,170,619	1.3	120.8	31	0	66	3,989,045
Aug-13	4,290,304	4.4	93.8	31	0	66	3,966,094
Sep-13	4,398,606	83	28.1	30	1	66	3,914,725
Oct-13	4,043,829	208.5	0.4	31	1	65	3,959,783
Nov-13	4,404,977	478.2	0	30	1	65	4,038,980
Dec-13	4,165,132	687.9	0	31	0	65	4,140,609
Jan-14	4,211,268	825.9	0	31	0	66	4,192,764
Feb-14	4,507,639	737.1	0	28	0	66	4,092,077
Mar-14	4,043,999	690.6	0	31	1	66	4,141,629
Apr-14	4,288,138	356.9	0	30	1	66	3,993,136
May-14	4,013,117	132.1	11.9	31	1	66	3,941,183
Jun-14	4,219,053	14.1	68.1	30	0	67	3,924,423
Jul-14	4,080,609	4	71	31	0	68	3,945,572
Aug-14	4,135,126	8.8	81.8	31	0	68	3,957,035
Sep-14	4,211,480	69.7	30.1	30	1	68	3,911,485
Oct-14	4,339,620	224.3	1.3	31	1	67	3,966,559
Nov-14	4,225,073	482.1	0	30	1	69	4,040,454
Dec-14	4,317,146	557.3	0	31	0	69	4,091,250
Jan-15	4,254,903	792.4	0	31	0	69	4,180,103
Feb-15	4,899,443	856.8	0	28	0	69	4,137,316
Mar-15	4,402,986	615.5	0	31	1	69	4,113,246
Apr-15	4,672,620	313.7	0	30	1	70	3,976,809
May-15	4,059,115	89.3	34.1	31	1	70	3,944,842
Jun-15	4,270,098	33.8	32.3	30	0	70	3,899,883
Jul-15	4,471,002	4	114.3	31	0	71	3,984,258
Aug-15	4,635,023	4.4	88.6	31	0	72	3,961,448
Sep-15	4,812,114	31.1	81.9	30	1	75	3,943,177
Oct-15	4,707,296	249.8	0	31	1	75	3,975,034
Nov-15	4,627,640	345	0	30	1	74	3,988,639
Dec-15	4,824,037	429.7	0	31	0	74	4,043,025

Weather Normal

481,254,330

2006	39,727,255	48,029,485	8,302,230	20.9%
2007	40,166,825	48,206,123	8,039,298	20.0%
2008	45,515,823	48,129,346	2,613,523	5.7%
2009	47,444,453	48,037,385	592,932	1.2%
2010	51,106,041	48,126,760	(2,979,281)	-5.8%
2011	50,005,558	48,171,802	(1,833,756)	-3.7%
2012	51,138,110	48,079,515	(3,058,595)	-6.0%
2013	50,921,722	48,128,565	(2,793,157)	-5.5%
2014	50,592,267	48,197,568	(2,394,699)	-4.7%
2015	54,636,276	48,147,782	(6,488,495)	-11.9%

Total to 2011 481,254,330

481,254,330 0

	Purchases	Modeled Purchases	Difference	% Difference	Loss Factor	Total Billed	Residential	GS<50	GS>50	Sentinels	Streetlights	USL	Hydro One Load Transfers
Weather Normal Projection													
2006	234,398,899	236,716,534	2,317,635	1.0%	1.0685	219,381,471	149,103,951	27,191,374	39,830,915	131,869	1,445,518	291,777	1,386,067
2007	241,154,636	243,492,052	2,337,416	1.0%	1.0974	219,752,747	148,690,902	28,463,422	39,320,570	126,371	1,495,947	519,694	1,135,841
2008	245,623,028	242,687,774	(2,935,254)	-1.2%	1.0828	226,836,186	149,960,621	28,399,681	45,269,406	124,212	1,533,899	508,215	1,040,153
2009	247,239,189	242,876,077	(4,363,112)	-1.8%	1.0790	229,135,056	150,373,777	28,113,433	47,473,258	122,021	1,576,912	493,680	981,975
2010	250,239,379	245,540,747	(4,698,631)	-1.9%	1.0793	231,850,249	148,340,356	29,188,874	51,128,771	116,703	1,580,058	493,680	1,001,807
2011	246,758,167	248,011,802	1,253,635	0.5%	1.0564	233,577,129	150,098,110	30,548,695	49,921,685	110,241	1,457,369	489,312	951,716
2012	245,129,838	245,994,875	865,037	0.4%	1.0668	229,785,721	144,943,095	30,723,398	51,138,110	113,360	1,569,709	478,327	819,723
2013	245,129,838	249,473,504	4,343,666	1.8%	1.0542	232,518,310	147,964,296	30,842,995	50,921,722	101,844	1,472,134	470,797	744,522
2014	253,254,985	254,225,266	970,281	0.4%	1.0647	237,858,387	152,377,958	32,022,040	50,592,267	107,980	1,625,553	463,267	669,321
2015	255,186,387	255,095,714	(90,673)	0.0%	1.0538	242,165,066	151,042,923	34,218,675	54,636,276	103,536	1,106,444	463,092	594,120
2016		258,773,135				241,363,660							
0		0				0							
0		0				0							
0		0				0							
0		0				0							
0		0				0							

Average 1.0721

Usage Per Customer

2006	11,588	34,117	497,886	698	610	3,242	1,386,067
2007	11,446	34,754	553,811	679	601	5,839	1,135,841
2008	11,295	33,971	620,129	668	593	6,050	1,040,153
2009	11,112	32,881	659,351	632	601	5,948	981,975
2010	10,867	33,744	751,894	581	588	6,020	1,001,807
2011	10,893	34,095	745,100	490	534	6,041	951,716
2012	10,395	33,623	752,954	659	575	6,080	819,723
2013	10,434	32,492	760,026	606	518	6,068	744,522
2014	10,502	32,305	753,235	637	556	6,129	669,321
2015	10,163	34,199	764,144	625	382	6,093	594,120
2016	10,039	33,966	804,730	618	377	6,598	542,445
0	9,916	33,735	847,471	611	373	7,145	495,264
0	9,795	33,506	892,483	604	369	7,737	452,187
0	9,675	33,278	939,886	597	365	8,378	412,857
0	9,557	33,052	989,806	590	360	9,072	376,947
0	9,440	32,827	1,042,378	584	356	9,824	344,161
2006							
2007	0.9877	1.0187	1.1123	0.9738	0.9858	1.8011	0.8195
2008	0.9868	0.9775	1.1197	0.9829	0.9861	1.0361	0.9158
2009	0.9838	0.9679	1.0632	0.9467	1.0136	0.9831	0.9441
2010	0.9780	1.0263	1.1404	0.9183	0.9796	1.0122	1.0202
2011	1.0024	1.0104	0.9910	0.8439	0.9078	1.0034	0.9500
2012	0.9543	0.9862	1.0105	1.3445	1.0771	1.0065	0.8613
2013	1.0037	0.9663	1.0094	0.9202	0.8998	0.9980	0.9083
2014	1.0065	0.9942	0.9911	1.0514	1.0740	1.0100	0.8990
2015							
Used	0.9878	0.9932	1.0531	0.9888	0.9886	1.0829	0.9130
Geomean	0.9878	0.9932	1.0531	0.9888	0.9886	1.0829	0.9130

	Residential	GS<50	GS>50	Sentinels	Streetlights	USL	Hydro One Load Transfers	CDM Adjustment			
<b>Non Weather Corrected Forecast</b>											
2016	249,436,427	154,792,526	34,849,288	57,538,177	100,673	1,118,450	494,868	542,445	249,436,427		
2017	256,304,204	157,967,605	35,489,420	60,594,206	98,320	1,130,658	528,731	495,264	256,304,204		
2018	265,564,891	163,343,788	36,152,741	63,812,551	96,006	1,142,810	564,807	452,187	265,564,891		
2019	278,760,040	172,454,444	36,838,677	67,201,832	93,733	1,155,265	603,232	412,857	278,760,040		
2020	290,975,006	180,410,026	37,513,613	70,771,128	91,498	1,167,646	644,147	376,947	290,975,006		
2021	302,460,400	187,418,439	38,210,492	74,530,001	89,302	1,180,306	687,700	344,161	302,460,400		
<b>Weather Corrected Forecast</b>											
2016	241,363,660	149,232,278	33,023,312	54,889,863	100,673	657,419	494,868	542,445	238,940,858	2,422,802	0
2017	0	(10,373,863)	(3,645,854)	7,663,165	98,320	669,627	528,731	495,264	(4,564,610)	4,564,610	(0)
2018	0	(11,163,556)	(4,879,891)	8,027,041	96,006	681,779	564,807	452,187	(6,221,626)	6,221,626	0
2019	0	(12,184,870)	(6,501,396)	8,412,978	93,733	694,234	603,232	412,857	(8,469,232)	8,469,232	0
2020	0	(13,272,017)	(8,235,918)	8,795,250	91,498	706,615	644,147	376,947	(10,893,477)	10,893,477	0
2021	0	(14,374,305)	(9,694,814)	9,220,557	89,302	719,275	687,700	344,161	(13,008,124)	13,008,124	0

% Weather Sensitive	82.50%	82.50%	65.00%					
2016	(8,072,767)	127,703,834	28,750,662	37,399,815	0	0	0	193,854,311
2017	(256,304,204)	130,323,274	29,278,772	39,386,234	0	0	0	198,988,280
2018	(265,564,891)	134,758,625	29,826,011	41,478,158	0	0	0	206,062,795
2019	(278,760,040)	142,274,916	30,391,909	43,681,191	0	0	0	216,348,016
2020	(290,975,006)	148,838,272	30,948,730	46,001,233	0	0	0	225,788,236
2021	(302,460,400)	154,620,212	31,523,656	48,444,500	0	0	0	234,588,368

Allocation of Weather Sensitive Amount

2016	(5,318,031)	(1,197,277)	(1,557,458)	0	0	0	0	(8,072,767)
2017	(167,861,158)	(37,712,132)	(50,730,914)	0	0	0	0	(256,304,204)
2018	(173,671,136)	(38,438,484)	(53,455,271)	0	0	0	0	(265,564,891)
2019	(183,318,350)	(39,159,359)	(56,282,330)	0	0	0	0	(278,760,040)
2020	(191,809,006)	(39,883,863)	(59,282,137)	0	0	0	0	(290,975,006)
2021	(199,355,541)	(40,644,204)	(62,460,654)	0	0	0	0	(302,460,400)

load adjustment based on 2015-2021 programs	CDM Adjustment										
	2016	(2,422,802)	(242,217)	(628,698)	(1,090,855)	0	(461,031)	0	0	(2,422,802)	0
	2017	(4,564,610)	(480,310)	(1,423,143)	(2,200,127)	0	(461,031)	0	0	(4,564,610)	0
	2018	(6,221,626)	(836,209)	(2,594,148)	(2,330,239)	0	(461,031)	0	0	(6,221,626)	0
	2019	(8,469,232)	(1,320,964)	(4,180,714)	(2,506,524)	0	(461,031)	0	0	(8,469,232)	0
	2020	(10,893,477)	(1,873,037)	(5,865,668)	(2,693,741)	0	(461,031)	0	0	(10,893,477)	0
2021	(13,008,124)	(2,437,202)	(7,261,102)	(2,848,789)	0	(461,031)	0	0	(13,008,124)	0	

			Persistence Assumption - Total						
	2015	2016	2017	2018	2019	2020	2021	Total to 2020	Total to 2021
2015 Programs	1,701,889	1,701,889	1,701,889	1,701,889	1,701,889	1,701,889	1,701,889		
2016 Programs		3,143,714	3,143,714	3,143,714	3,143,714	3,143,714	3,143,714		
2017 Programs			1,139,903	1,139,903	1,139,903	1,139,903	1,139,903		
2018 Programs				2,174,129	2,174,129	2,174,129	2,174,129		
2019 Programs					2,321,084	2,321,084	2,321,084		
2020 Programs						2,527,406	2,527,406		
2021 Programs							1,701,889		
Target Credit	1,701,889	3,143,714	1,139,903	2,174,129	2,321,084	2,527,406	1,701,889	13,008,124	14,710,013

Residential %	29.7%	23.0%	19.6%	22.5%	20.7%	24.7%	29.7%		
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			Persistence Assumption - Residential						
2015 Programs	231,434	231,434	231,434	231,434	231,434	231,434	231,434		
2016 Programs		253,000	253,000	253,000	253,000	253,000	253,000		
2017 Programs			223,186	223,186	223,186	223,186	223,186		
2018 Programs				488,612	488,612	488,612	488,612		
2019 Programs					480,898	480,898	480,898		
2020 Programs						623,249	623,249		
2021 Programs							505,080		
Target Credit	231,434	253,000	223,186	488,612	480,898	623,249	505,080	2,300,379	2,805,459

			Persistence Assumption - GS < 50 kW						
2015 Programs	493,553	493,553	493,553	493,553	493,553	493,553	493,553		
2016 Programs		763,843	763,843	763,843	763,843	763,843	763,843		
2017 Programs			825,045	825,045	825,045	825,045	825,045		
2018 Programs				1,516,965	1,516,965	1,516,965	1,516,965		
2019 Programs					1,656,167	1,656,167	1,656,167		
2020 Programs						1,713,741	1,713,741		
2021 Programs							1,077,128		
Target Credit	493,553	763,843	825,045	1,516,965	1,656,167	1,713,741	1,077,128	6,969,315	8,046,443

			Persistence Assumption - GS > 50 kW						
2015 Programs	54,839	54,839	54,839	54,839	54,839	54,839	54,839		
2016 Programs		84,871	84,871	84,871	84,871	84,871	84,871		
2016 CHP Prj		2,042,000	2,042,000	2,042,000	2,042,000	2,042,000	2,042,000		
2017 Programs			91,672	91,672	91,672	91,672	91,672		
2018 Programs				168,552	168,552	168,552	168,552		
2019 Programs					184,019	184,019	184,019		
2020 Programs						190,416	190,416		
2021 Programs							119,681		
Target Credit	54,839	2,126,871	91,672	168,552	184,019	190,416	119,681	2,816,368	2,936,049

			Persistence Assumption - Streetlight							
2015 Programs	922,062	922,062	922,062	922,062	922,062	922,062	922,062			
2016 Programs		0	0	0	0	0	0			
2017 Programs			0	0	0	0	0			
2018 Programs				0	0	0	0			
2019 Programs					0	0	0			
2020 Programs						0	0			
2021 Programs							0			
Target Credit	922,062	0	0	0	0	0	0	922,062	922,062	
								13,008,124	14,710,013	1,701,889

2015 Programs	1,701,889	1,701,889	1,701,889	1,701,889	1,701,889	1,701,889	1,701,889		
2016 Programs		3,143,714	3,143,714	3,143,714	3,143,714	3,143,714	3,143,714		
2017 Programs			1,139,903	1,139,903	1,139,903	1,139,903	1,139,903		
2018 Programs				2,174,129	2,174,129	2,174,129	2,174,129		
2019 Programs					2,321,084	2,321,084	2,321,084		
2020 Programs						2,527,406	2,527,406		
2021 Programs							1,701,889		

Check	0	0	0	0	0	0	0		
		0	0	0	0	0	0		
			0	0	0	0	0		
				0	0	0	0		
					0	0	0		
						0	0		
							0		

	<u>Residential</u>	<u>GS&lt;50</u>	<u>GS&gt;50</u>	<u>Sentinels</u>	<u>Streetlights</u>	<u>USL</u>	<u>Total</u>	<u>Number of Customers - 3 Main Classes</u>		
2006	12,867	797	80	189	2,371	90	16,394	13,744		
2007	12,991	819	71	186	2,489	89	16,645	13,881		
2008	13,277	836	73	186	2,588	84	17,044	14,186		
2009	13,533	855	72	193	2,625	83	17,361	14,460		
2010	13,651	865	68	201	2,685	82	17,552	14,584		
2011	13,779	896	67	225	2,728	81	17,776	14,742		
2012	13,943	914	68	172	2,728	79	17,903	14,925		
2013	14,181	949	67	168	2,843	78	18,286	15,197		
2014	14,509	991	67	169	2,923	76	18,736	15,568		
2015	14,862	1,001	72	166	2,898	76	19,073	15,934		
2016	15,419	1,026	72	163	2,963	75	19,718	16,517	16,517	54
2017	15,930	1,052	72	161	3,030	74	20,319	17,054	17,054	37
2018	16,676	1,079	72	159	3,098	73	21,157	17,827	17,827	87
2019	17,824	1,107	72	157	3,168	72	22,400	19,003	19,003	107
2020	18,877	1,135	72	155	3,239	71	23,549	20,084	20,084	76
2021	19,853	1,164	72	153	3,312	70	24,624	21,089	21,089	90

**Growth Rate in Customer Numbers**

2006							
2007	1.0096	1.0276	0.8875	0.9841	1.0498	0.9889	
2008	1.0220	1.0208	1.0282	1.0000	1.0398	0.9438	
2009	1.0193	1.0227	0.9863	1.0376	1.0143	0.9881	
2010	1.0087	1.0117	0.9444	1.0415	1.0229	0.9880	
2011	1.0094	1.0358	0.9853	1.1194	1.0160	0.9878	
2012	1.0119	1.0198	1.0137	0.7648	1.0000	0.9712	
2013	1.0171	1.0389	0.9865	0.9763	1.0423	0.9862	
2014	1.0231	1.0442	1.0025	1.0084	1.0281	0.9742	
2015	1.0243	1.0094	1.0645	0.9784	0.9912	1.0055	
Geomean	1.0161	1.0256	0.9876	0.9855	1.0225	0.9814	

Year End	Residential	Year end Incr	
2015	15,082		
2016	15,756	674	56.1667
2017	16,104	348	29.0000
2018	17,248	1,144	95.3333
2019	18,399	1,151	95.9167
2020	19,354	955	79.5833
2021	20,351	997	83.0833
	5,269	5,269	439.0833

	GS>50	Sentinels	Streetlights	Total
2006	118,310	367	4,014	122,691
2007	116,956	351	4,153	121,460
2008	134,693	345	4,261	139,299
2009	136,122	339	4,370	140,832
2010	144,502	324	4,389	149,215
2011	139,425	306	4,416	144,148
2012	144,982	315	4,424	149,721
2013	130,935	283	4,149	135,367
2014	135,394	300	4,581	140,275
2015	141,987	288	3,140	145,414
2016	154,174	280	1,854	156,308
2017	21,524	273	1,889	23,686
2018	22,546	267	1,923	24,736
2019	23,630	260	1,958	25,849
2020	24,704	254	1,993	26,951
2021	25,899	248	2,029	28,175

**kW/kWh**

2006	0.2970%	0.2783%	0.2777%
2007	0.2974%	0.2778%	0.2776%
2008	0.2975%	0.2778%	0.2778%
2009	0.2867%	0.2778%	0.2771%
2010	0.2826%	0.2778%	0.2778%
2011	0.2793%	0.2779%	0.3030%
2012	0.2835%	0.2779%	0.2818%
2013	0.2571%	0.2779%	0.2818%
2014	0.2676%	0.2778%	0.2818%
2015	0.2599%	0.2778%	0.2838%
Average	0.2809%	0.2779%	0.2820%

**Summary of Degree | TORONTO LESTER B. PEARSON INT'L A**

**Summary of All Heating Degree Days**

Month	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	10 Year Avg	20 Year Trend					
																						2017	2018	2019	2020	2021	
January	765.20	756.60	624.80	749.80	738.90	684.90	572.20	814.50	849.10	770.00	551.80	647.10	623.50	830.20	720.00	775.30	611.10	624.40	825.90	792.40	700.17	721.82	722.30	722.77	723.24	723.71	
February	689.80	593.00	512.20	548.10	612.70	587.60	540.20	699.00	631.70	616.40	604.30	740.10	674.70	606.40	598.30	654.20	531.70	631.50	737.10	856.80	663.51	705.98	712.30	718.62	724.94	731.26	
March	645.60	600.00	492.30	550.60	418.60	566.60	545.60	581.10	487.30	608.60	516.60	546.70	610.20	533.80	422.80	572.80	349.40	554.80	690.60	615.50	541.32	544.10	543.98	543.86	543.74	543.63	
April	408.20	366.80	282.00	296.70	339.20	293.80	329.50	372.50	331.50	306.80	293.30	356.40	253.90	305.80	225.10	332.30	321.70	358.60	356.90	313.70	311.77	305.96	304.55	303.14	301.72	300.31	
May	205.90	260.80	59.10	97.10	139.60	111.50	227.50	177.90	158.90	189.40	136.90	136.40	193.50	158.80	107.90	134.10	80.70	109.10	132.10	89.30	127.88	106.57	103.20	99.83	96.46	93.09	
June	20.90	20.60	54.70	25.00	34.50	29.80	36.20	43.40	44.20	8.90	19.50	16.50	22.70	49.30	21.70	19.00	23.20	33.00	14.10	33.80	25.28	23.86	23.46	23.05	22.64	22.23	
July	10.30	12.40	1.00	-	6.60	9.30	-	0.20	3.60	-	-	3.20	1.00	6.20	1.80	-	-	1.30	4.00	4.00	2.15	0.20	-0.06	-0.33	-0.59	-0.86	
August	2.50	17.00	3.40	8.40	11.50	-	0.20	2.00	12.80	0.20	4.20	5.20	12.70	9.80	2.10	-	2.00	4.40	8.80	4.40	5.36	4.05	3.91	3.78	3.65	3.51	
September	71.60	87.10	39.70	49.30	99.50	73.60	21.80	54.90	30.00	22.60	80.90	36.90	59.00	55.20	78.10	48.20	85.00	83.00	69.70	31.10	62.71	57.63	57.52	57.42	57.31	57.20	
October	273.10	266.90	223.40	267.60	212.70	232.50	292.20	276.00	226.30	220.20	288.30	137.70	278.60	287.80	241.60	235.50	242.50	208.50	224.30	249.80	239.46	230.44	229.24	228.04	226.84	225.63	
November	512.10	466.50	392.60	367.50	432.00	325.80	445.00	398.50	379.10	388.40	382.20	462.50	451.60	361.20	405.30	342.10	434.00	478.20	482.10	345.00	414.42	402.97	402.14	401.30	400.46	399.63	
December	571.60	586.20	535.10	579.30	780.30	505.00	619.40	561.50	643.40	665.30	500.50	630.70	654.60	631.30	676.20	534.00	533.50	687.90	557.30	429.70	583.57	574.14	572.40	570.66	568.92	567.18	
Total	4,176.80	4,033.90	3,220.30	3,539.40	3,826.10	3,420.40	3,629.80	3,981.50	3,797.90	3,796.80	3,378.50	3,719.40	3,836.00	3,835.80	3,500.90	3,647.50	3,214.80	3,774.70	4,102.90	3,765.50							

**Summary of All Cooling Degree Days**

Month	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	10 Year Avg	20 Year Trend				
																						2017	2018	2019	2020	2021
January	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00
February	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00
March	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.20	-	-	-	0.02	0.03	0.04	0.04	0.04	0.04
April	-	-	-	-	-	1.40	8.30	2.40	-	-	-	-	-	1.20	-	-	-	-	-	-	0.12	0.02	-0.03	-0.09	-0.15	-0.20
May	8.60	-	28.60	19.40	23.70	12.20	7.80	-	8.60	0.80	26.00	22.40	2.50	6.90	45.70	13.00	36.70	23.10	11.90	34.10	22.23	25.99	26.80	27.62	28.44	29.25
June	38.30	73.20	82.40	96.00	41.10	79.70	70.00	52.90	31.60	146.30	73.60	99.20	71.50	34.20	58.70	52.20	101.60	59.60	68.10	32.30	65.10	63.25	62.82	62.40	61.97	61.55
July	59.60	103.00	101.30	196.50	71.80	100.90	192.40	118.30	86.40	188.70	167.30	106.10	111.00	43.70	164.90	198.50	195.40	120.80	71.00	114.30	129.30	140.32	141.61	142.89	144.17	145.45
August	87.10	46.80	117.70	79.10	92.50	160.00	142.70	128.00	59.60	140.70	101.60	141.00	64.00	91.00	138.80	122.20	112.10	93.80	81.80	88.60	103.49	107.51	107.77	108.04	108.30	108.57
September	27.10	11.70	45.00	48.90	35.20	35.70	87.60	24.00	41.20	52.10	12.90	47.50	26.70	20.90	31.50	39.70	35.60	28.10	30.10	81.90	35.49	42.20	42.55	42.90	43.25	43.60
October	-	2.80	-	-	1.20	2.00	10.00	-	1.50	7.60	1.10	19.80	-	-	-	2.40	1.10	0.40	1.30	-	2.61	2.29	2.26	2.24	2.22	2.19
November	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00
December	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00
Total	220.70	237.50	375.00	439.90	265.50	391.90	518.80	325.60	228.90	536.20	382.50	436.00	275.70	197.90	439.60	428.00	482.70	325.80	264.20	351.20						

<b>2016 Load Forecast</b>	<b>kWh</b>	<b>kW</b>	<b>2015 %RPP</b>
Residential	149,674,174		94%
General Service < 50 kW	33,122,069		83%
General Service 50 to 4,999 kW	54,889,863	154,174	4%
Street Lighting	657,419	1,854	0%
Sentinel Lighting	100,673	280	84%
Unmetered Scattered Load	496,660		94%
<b>TOTAL</b>	<b>238,940,858</b>	<b>156,308</b>	

<b>Electricity - Commodity RPP</b>	<b>2016 Forecasted</b>	<b>2016 Loss Factor</b>	<b>Variable Rate</b>		
<b>Class per Load Forecast RPP</b>			<b>2016</b>		
Residential	140,693,723	1.0723	150,865,879	\$0.10728	\$16,184,892
General Service < 50 kW	27,491,317	1.0723	29,478,940	\$0.10728	\$3,162,501
General Service 50 to 4,999 kW	2,195,595	1.0723	2,354,336	\$0.10728	\$252,573
Street Lighting	0	1.0723	0	\$0.10728	\$0
Sentinel Lighting	84,565	1.0723	90,680	\$0.10728	\$9,728
Unmetered Scattered Load	466,861	1.0723	500,615	\$0.10728	\$53,706
<b>TOTAL</b>	<b>170,932,061</b>		<b>183,290,449</b>		<b>\$19,663,399</b>

<b>Electricity - Commodity Non-RPP</b>	<b>2016 Forecasted</b>	<b>2016 Loss Factor</b>	<b>Variable Rate</b>		
<b>Class per Load Forecast</b>			<b>2016</b>		
Residential	8,980,450	1.0723	9,629,737	\$0.10670	\$1,027,493
General Service < 50 kW	5,630,752	1.0723	6,037,855	\$0.10670	\$644,239
General Service 50 to 4,999 kW	52,694,269	1.0723	56,504,064	\$0.10670	\$6,028,984
Street Lighting	657,419	1.0723	704,950	\$0.10670	\$75,218
Sentinel Lighting	16,108	1.0723	17,272	\$0.10670	\$1,843
Unmetered Scattered Load	29,800	1.0723	31,954	\$0.10670	\$3,410
<b>TOTAL</b>	<b>68,008,797</b>		<b>72,925,833</b>		<b>\$7,781,186</b>

\$27,444,586

<b>Transmission - Network</b>	<b>Volume Metric</b>	<b>2016</b>		
<b>Class per Load Forecast</b>				
Residential	kWh	160,495,616	\$0.0057	\$914,825
General Service < 50 kW	kWh	35,516,795	\$0.0052	\$184,687
General Service 50 to 4,999 kW	kW	154,174	\$2.1047	\$324,490
Street Lighting	kW	1,854	\$1.5873	\$2,943
Sentinel Lighting	kW	280	\$1.5954	\$446
Unmetered Scattered Load	kWh	532,569	\$0.0052	\$2,769
<b>TOTAL</b>				<b>\$1,430,161</b>

<b>Transmission - Connection</b>	<b>Volume Metric</b>	<b>2016</b>		
<b>Class per Load Forecast</b>				
Residential	kWh	160,495,616	\$0.0041	\$658,032
General Service < 50 kW	kWh	35,516,795	\$0.0039	\$138,515
General Service 50 to 4,999 kW	kW	154,174	\$1.4837	\$228,748
Street Lighting	kW	1,854	\$1.1469	\$2,126
Sentinel Lighting	kW	280	\$1.7004	\$476
Unmetered Scattered Load	kWh	532,569	\$0.0039	\$2,077
<b>TOTAL</b>				<b>\$1,029,975</b>

<b>Wholesale Market Service</b>	<b>Volume Metric</b>	<b>2016 Rate</b>		
<b>Class per Load Forecast</b>				
Residential	kWh	160,495,616	\$0.0036	\$577,784
General Service < 50 kW	kWh	35,516,795	\$0.0036	\$127,860



General Service 50 to 4,999 kW		kWh	58,858,400	\$0.0036	\$211,890
Street Lighting		kWh	704,950	\$0.0036	\$2,538
Sentinel Lighting		kWh	107,952	\$0.0036	\$389
Unmetered Scattered Load		kWh	532,569	\$0.0036	\$1,917
<b>TOTAL</b>			<b>256,216,282</b>		<b>\$922,379</b>

<b>Rural Rate Assistance</b>		<b>Volume Metric</b>	<b>2016 Rate</b>		
<b>Class per Load Forecast</b>					
Residential		kWh	160,495,616	\$0.0013	\$208,644
General Service < 50 kW		kWh	35,516,795	\$0.0013	\$46,172
General Service 50 to 4,999 kW		kWh	58,858,400	\$0.0013	\$76,516
Street Lighting		kWh	704,950	\$0.0013	\$916
Sentinel Lighting		kWh	107,952	\$0.0013	\$140
Unmetered Scattered Load		kWh	532,569	\$0.0013	\$692
<b>TOTAL</b>			<b>256,216,282</b>		<b>\$333,081</b>

<b>OESP</b>		<b>Volume Metric</b>	<b>2016 Rate</b>		
<b>Class per Load Forecast</b>					
Residential		kWh	160,495,616	\$0.0011	\$176,545
General Service < 50 kW		kWh	35,516,795	\$0.0011	\$39,068
General Service 50 to 4,999 kW		kWh	58,858,400	\$0.0011	\$64,744
Street Lighting		kWh	704,950	\$0.0011	\$775
Sentinel Lighting		kWh	107,952	\$0.0011	\$119
Unmetered Scattered Load		kWh	532,569	\$0.0013	\$692
<b>TOTAL</b>			<b>256,216,282</b>		<b>\$281,944</b>

<b>LV</b>		<b>Volume Metric(w/o losses)</b>	<b>2016 Rate</b>		
<b>Class per Load Forecast</b>					
Residential		kWh	149,674,174	\$0.0022	\$329,283
General Service < 50 kW		kWh	33,122,069	\$0.0020	\$66,244
General Service 50 to 4,999 kW		kW	154,174	\$0.7883	\$121,535
Street Lighting		kW	1,854	\$1.6331	\$3,028
Sentinel Lighting		kW	280	\$0.6065	\$170
Unmetered Scattered Load		kWh	496,660	\$0.0020	\$993
<b>TOTAL</b>			<b>183,449,211</b>		<b>\$521,254</b>

<b>Summary</b>		<b>2016</b>	<b>Calculation Of SME Charges</b>			
4062-OESP	\$	281,944				
SME	\$	155,899		Customers	Rate	
4705-Power Purchased	\$	27,444,586	Residential	15,419	0.79	\$146,172
4708-Charges-WMS	\$	922,379	GS<50	1,026	0.79	\$9,726
4714-Charges-NW	\$	1,430,161				\$155,899
4716-Charges-CN	\$	1,029,975				
4730-Rural Rate Assistance	\$	333,081				
4750-Low Voltage	\$	521,254				
<b>TOTAL</b>		<b>32,119,278</b>				

<b>2017 Load Forecast</b>	<b>kWh</b>	<b>kW</b>	<b>2015 %RPP</b>
Residential	149,932,101		94%
General Service < 50 kW	32,368,433		83%
General Service 50 to 4,999 kW	55,988,819	157,261	4%
Street Lighting	669,627	1,889	0%
Sentinel Lighting	98,320	273	84%
Unmetered Scattered Load	530,367		94%
<b>TOTAL</b>	<b>239,587,667</b>	<b>159,423</b>	

<b>Electricity - Commodity RPP</b>	<b>2017 Forecasted</b>	<b>2017 Loss Factor</b>	<b>2017</b>		
Residential	140,936,175	1.0678	150,491,648	\$0.10728	\$16,144,744
General Service < 50 kW	26,865,799	1.0678	28,687,301	\$0.10728	\$3,077,574
General Service 50 to 4,999 kW	2,239,553	1.0678	2,391,394	\$0.10728	\$256,549
Street Lighting	0	1.0678	0	\$0.10728	\$0
Sentinel Lighting	82,588	1.0678	88,188	\$0.10728	\$9,461
Unmetered Scattered Load	498,545	1.0678	532,346	\$0.10728	\$57,110
<b>TOTAL</b>	<b>170,622,661</b>		<b>182,190,877</b>		<b>\$19,545,437</b>

<b>Electricity - Commodity Non-RPP</b>	<b>2017 Forecasted</b>	<b>2017 Loss Factor</b>	<b>2017</b>		
Residential	8,995,926	1.0678	9,605,850	\$0.10670	\$1,024,944
General Service < 50 kW	5,502,634	1.0678	5,875,712	\$0.10670	\$626,938
General Service 50 to 4,999 kW	53,749,266	1.0678	57,393,467	\$0.10670	\$6,123,883
Street Lighting	669,627	1.0678	715,028	\$0.10670	\$76,293
Sentinel Lighting	15,731	1.0678	16,798	\$0.10670	\$1,792
Unmetered Scattered Load	31,822	1.0678	33,980	\$0.10670	\$3,626
<b>TOTAL</b>	<b>68,965,006</b>		<b>73,640,834</b>		<b>\$7,857,477</b>

<b>Transmission - Network</b>	<b>Volume Metric</b>	<b>2017</b>		
Residential	kWh	160,097,498	\$0.0057	\$912,556
General Service < 50 kW	kW	34,563,013	\$0.0052	\$179,728
General Service 50 to 4,999 kW	kW	157,261	\$2.1047	\$330,987
Street Lighting	kWh	1,889	\$1.5873	\$2,998
Sentinel Lighting	kW	273	\$1.5954	\$436
Unmetered Scattered Load	kW	566,326	\$0.0052	\$2,945
<b>TOTAL</b>				<b>\$1,429,649</b>

<b>Transmission - Connection</b>	<b>Volume Metric</b>	<b>2017</b>		
Residential	kWh	160,097,498	\$0.0041	\$656,400
General Service < 50 kW	kWh	34,563,013	\$0.0039	\$134,796
General Service 50 to 4,999 kW	kW	157,261	\$1.4837	\$233,328
Street Lighting	kW	1,889	\$1.1469	\$2,166
Sentinel Lighting	kW	273	\$1.7004	\$465
Unmetered Scattered Load	kWh	566,326	\$0.0039	\$2,209
<b>TOTAL</b>				<b>\$1,029,363</b>

<b>Wholesale Market Service</b>		<b>Volume Metric</b>	<b>2017</b>		
<b>Class per Load Forecast</b>					
Residential		kWh	160,097,498	\$0.0036	\$576,351
General Service < 50 kW		kWh	34,563,013	\$0.0036	\$124,427
General Service 50 to 4,999 kW		kWh	59,784,861	\$0.0036	\$215,225
Street Lighting		kWh	715,028	\$0.0036	\$2,574
Sentinel Lighting		kWh	104,986	\$0.0036	\$378
Unmetered Scattered Load		kWh	566,326	\$0.0036	\$2,039
<b>TOTAL</b>			<b>255,831,711</b>		<b>\$920,994</b>

<b>Rural Rate Assistance</b>		<b>Volume Metric</b>	<b>2017</b>		
<b>Class per Load Forecast</b>					
Residential		kWh	160,097,498	\$0.0013	\$208,127
General Service < 50 kW		kWh	34,563,013	\$0.0013	\$44,932
General Service 50 to 4,999 kW		kWh	59,784,861	\$0.0013	\$77,720
Street Lighting		kWh	715,028	\$0.0013	\$930
Sentinel Lighting		kWh	104,986	\$0.0013	\$136
Unmetered Scattered Load		kWh	566,326	\$0.0013	\$736
<b>TOTAL</b>			<b>255,831,711</b>		<b>\$332,581</b>

<b>OESP</b>		<b>Volume Metric</b>	<b>2017</b>		
<b>Class per Load Forecast</b>					
Residential		kWh	160,097,498	\$0.0011	\$176,107
General Service < 50 kW		kWh	34,563,013	\$0.0011	\$38,019
General Service 50 to 4,999 kW		kWh	59,784,861	\$0.0011	\$65,763
Street Lighting		kWh	715,028	\$0.0011	\$787
Sentinel Lighting		kWh	104,986	\$0.0011	\$115
Unmetered Scattered Load		kWh	566,326	\$0.0013	\$736
<b>TOTAL</b>			<b>255,831,711</b>		<b>\$281,528</b>

<b>LV</b>		<b>Volume Metric(w/o losses)</b>	<b>2017</b>		
<b>Class per Load Forecast</b>					
Residential		kWh	149,932,101	\$0.0028	\$419,810
General Service < 50 kW		kWh	32,368,433	\$0.0028	\$90,632
General Service 50 to 4,999 kW		kW	157,261	\$0.9912	\$155,877
Street Lighting		kW	1,889	\$0.9870	\$1,864
Sentinel Lighting		kW	273	\$1.0027	\$274
Unmetered Scattered Load		kWh	530,367	\$0.0028	\$1,485
<b>TOTAL</b>			<b>182,990,324</b>		<b>\$669,941</b>

<b>Summary</b>		<b>2017</b>	<b>Calculation Of SME Charges</b>			
4062-OESP	\$	281,528				
SME	\$	160,989				
4705-Power Purchased		\$27,402,914	<b>Residential</b>	<b>Customers</b>	<b>Rate</b>	
4708-Charges-WMS		\$920,994				
4714-Charges-NW		\$1,429,649				
4716-Charges-CN		\$1,029,363				
4730-Rural Rate Assistance		\$332,581				
4750-Low Voltage		\$669,941	<b>GS&lt;50</b>			
<b>TOTAL</b>		<b>32,227,960</b>				<b>\$160,989</b>