

Variable	Description	Definition
Residential Population	Calendar month customer count - historical data PSCo Service Territory Population	from company records from Global Insight, Inc.
AR(1)	First order autoregressive term	
AR(2)	Second order autoregressive term	
SMA(1)	Seasonal moving average term	

Variable	Coefficient	StdErr	T-Stat	P-Value
Population	297.191	53.359	5.570	0.00%
AR(1)	1.322	0.080	16.629	0.00%
AR(2)	-0.324	0.079	-4.082	0.01%
SMA(1)	0.356	0.080	4.448	0.00%

Model Statistics		
Iterations		14
Adjusted Observations		146
Deg. of Freedom for Error		142
R-Squared		1.000
Adjusted R-Squared		1.000
AIC		13.396
BIC		13.478
F-Statistic	#NA	
Prob (F-Statistic)	#NA	
Log-Likelihood		-1,181.09
Model Sum of Squares	259,583,892,650.86	
Sum of Squared Errors	90,885,246.20	
Mean Squared Error	640,036.95	
Std. Error of Regression	800.02	
Mean Abs. Dev. (MAD)	571.75	
Mean Abs. % Err. (MAPE)	0.05%	
Durbin-Watson Statistic		2.077
Durbin-H Statistic	#NA	
Ljung-Box Statistic		79.39
Prob (Ljung-Box)		0.0000
Skewness		1.048
Kurtosis		7.985
Jarque-Bera		177.874
Prob (Jarque-Bera)		0.0000

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2005	1	1,085,849.000				
2005	2	1,086,004.000				
2005	3	1,085,795.000	1,086,364.021	-569.021	-0.001	-0.711
2005	4	1,085,908.000	1,086,039.086	-131.086	-0.000	-0.164
2005	5	1,086,477.000	1,086,257.673	219.327	0.000	0.274
2005	6	1,084,974.000	1,087,451.073	-2,477.073	-0.002	-3.096
2005	7	1,083,878.000	1,085,128.002	-1,250.002	-0.001	-1.562
2005	8	1,085,114.000	1,084,167.827	946.173	0.001	1.183
2005	9	1,084,991.000	1,086,158.860	-1,167.860	-0.001	-1.460
2005	10	1,087,105.000	1,085,598.518	1,506.482	0.001	1.883
2005	11	1,089,125.000	1,088,435.501	689.499	0.001	0.862
2005	12	1,091,072.000	1,090,424.240	647.760	0.001	0.810
2006	1	1,093,730.000	1,092,346.736	1,383.264	0.001	1.729
2006	2	1,095,369.000	1,095,232.893	136.107	0.000	0.170
2006	3	1,097,977.000	1,096,339.347	1,637.653	0.001	2.047
2006	4	1,099,253.000	1,099,414.846	-161.846	-0.000	-0.202
2006	5	1,102,050.000	1,100,384.567	1,665.433	0.002	2.082
2006	6	1,102,604.000	1,102,754.590	-150.590	-0.000	-0.188
2006	7	1,102,900.000	1,103,006.894	-106.894	-0.000	-0.134
2006	8	1,105,606.000	1,104,002.345	1,603.655	0.001	2.005
2006	9	1,107,091.000	1,106,734.649	356.351	0.000	0.445
2006	10	1,110,653.000	1,108,775.505	1,877.495	0.002	2.347
2006	11	1,112,407.000	1,112,715.868	-308.868	-0.000	-0.386
2006	12	1,113,293.000	1,113,869.340	-576.340	-0.001	-0.720
2007	1	1,114,945.000	1,114,736.906	208.094	0.000	0.260
2007	2	1,116,573.000	1,116,193.013	379.987	0.000	0.475
2007	3	1,118,074.000	1,118,346.952	-272.952	-0.000	-0.341
2007	4	1,118,836.000	1,119,166.831	-330.831	-0.000	-0.414
2007	5	1,119,161.000	1,120,340.639	-1,179.639	-0.001	-1.475
2007	6	1,118,683.000	1,119,849.302	-1,166.302	-0.001	-1.458
2007	7	1,119,279.000	1,119,140.019	138.981	0.000	0.174
2007	8	1,121,500.000	1,120,693.375	806.625	0.001	1.008
2007	9	1,121,575.000	1,122,995.508	-1,420.508	-0.001	-1.776
2007	10	1,124,364.000	1,122,919.072	1,444.928	0.001	1.806
2007	11	1,124,988.000	1,125,806.809	-818.809	-0.001	-1.023
2007	12	1,126,019.000	1,125,636.239	382.761	0.000	0.478
2008	1	1,128,206.000	1,127,078.618	1,127.382	0.001	1.409
2008	2	1,128,873.000	1,129,699.728	-826.728	-0.001	-1.033
2008	3	1,129,038.000	1,129,643.723	-605.723	-0.001	-0.757
2008	4	1,129,193.000	1,129,627.722	-434.722	-0.000	-0.543
2008	5	1,129,686.000	1,129,479.690	206.310	0.000	0.258
2008	6	1,129,051.000	1,130,064.510	-1,013.510	-0.001	-1.267
2008	7	1,129,607.000	1,129,539.651	67.349	0.000	0.084
2008	8	1,134,953.000	1,130,720.000	4,233.000	0.004	5.291
2008	9	1,137,365.000	1,136,818.088	546.912	0.000	0.684
2008	10	1,139,447.000	1,139,297.846	149.154	0.000	0.186

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2008	11	1,140,307.000	1,140,466.865	-159.865	-0.000	-0.200
2008	12	1,142,106.000	1,141,359.531	746.469	0.001	0.933
2009	1	1,143,341.000	1,143,726.685	-385.685	-0.000	-0.482
2009	2	1,143,251.000	1,144,084.449	-833.449	-0.001	-1.042
2009	3	1,144,991.000	1,143,646.620	1,344.380	0.001	1.680
2009	4	1,145,399.000	1,146,039.255	-640.255	-0.001	-0.800
2009	5	1,145,102.000	1,146,245.716	-1,143.716	-0.001	-1.430
2009	6	1,146,015.000	1,145,161.006	853.994	0.001	1.067
2009	7	1,145,742.000	1,146,892.259	-1,150.259	-0.001	-1.438
2009	8	1,146,301.000	1,147,719.388	-1,418.388	-0.001	-1.773
2009	9	1,146,796.000	1,147,237.934	-441.934	-0.000	-0.552
2009	10	1,148,474.000	1,147,572.040	901.960	0.001	1.127
2009	11	1,149,311.000	1,149,522.431	-211.431	-0.000	-0.264
2009	12	1,150,181.000	1,150,410.276	-229.276	-0.000	-0.287
2010	1	1,152,270.000	1,150,888.988	1,381.012	0.001	1.726
2010	2	1,153,358.000	1,153,212.024	145.976	0.000	0.182
2010	3	1,154,935.000	1,154,817.373	117.627	0.000	0.147
2010	4	1,154,699.000	1,155,824.945	-1,125.945	-0.001	-1.407
2010	5	1,155,163.000	1,154,825.619	337.381	0.000	0.422
2010	6	1,156,812.000	1,156,258.195	553.805	0.000	0.692
2010	7	1,156,467.000	1,157,567.798	-1,100.798	-0.001	-1.376
2010	8	1,157,221.000	1,156,484.804	736.196	0.001	0.920
2010	9	1,157,289.000	1,157,942.818	-653.818	-0.001	-0.817
2010	10	1,157,862.000	1,158,268.853	-406.853	-0.000	-0.509
2010	11	1,159,354.000	1,158,610.655	743.345	0.001	0.929
2010	12	1,159,953.000	1,160,393.594	-440.594	-0.000	-0.551
2011	1	1,161,212.000	1,161,277.509	-65.509	-0.000	-0.082
2011	2	1,162,005.000	1,162,311.111	-306.111	-0.000	-0.383
2011	3	1,162,773.000	1,162,944.137	-171.137	-0.000	-0.214
2011	4	1,162,985.000	1,163,262.775	-277.775	-0.000	-0.347
2011	5	1,163,256.000	1,163,817.128	-561.128	-0.000	-0.701
2011	6	1,163,175.000	1,164,221.066	-1,046.066	-0.001	-1.308
2011	7	1,162,924.000	1,163,428.751	-504.751	-0.000	-0.631
2011	8	1,163,932.000	1,163,778.746	153.254	0.000	0.192
2011	9	1,163,607.000	1,164,700.462	-1,093.462	-0.001	-1.367
2011	10	1,164,575.000	1,164,034.679	540.321	0.000	0.675
2011	11	1,165,328.000	1,165,831.002	-503.002	-0.000	-0.629
2011	12	1,166,567.000	1,166,094.545	472.455	0.000	0.591
2012	1	1,167,758.000	1,167,624.509	133.491	0.000	0.167
2012	2	1,168,658.000	1,168,714.773	-56.773	-0.000	-0.071
2012	3	1,170,079.000	1,169,569.424	509.576	0.000	0.637
2012	4	1,170,338.000	1,171,121.139	-783.139	-0.001	-0.979
2012	5	1,170,511.000	1,170,905.119	-394.119	-0.000	-0.493
2012	6	1,170,492.000	1,170,978.048	-486.048	-0.000	-0.608
2012	7	1,170,835.000	1,171,060.111	-225.111	-0.000	-0.281
2012	8	1,171,682.000	1,171,756.203	-74.203	-0.000	-0.093

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2012	9	1,171,869.000	1,172,324.038	-455.038	-0.000	-0.569
2012	10	1,173,759.000	1,172,880.606	878.394	0.001	1.098
2012	11	1,174,860.000	1,174,950.191	-90.191	-0.000	-0.113
2012	12	1,176,356.000	1,176,143.395	212.605	0.000	0.266
2013	1	1,178,232.000	1,177,646.736	585.264	0.000	0.732
2013	2	1,179,260.000	1,179,577.493	-317.493	-0.000	-0.397
2013	3	1,180,108.000	1,180,533.219	-425.219	-0.000	-0.532
2013	4	1,180,758.000	1,180,864.290	-106.290	-0.000	-0.133
2013	5	1,181,078.000	1,181,589.958	-511.958	-0.000	-0.640
2013	6	1,181,305.000	1,181,822.332	-517.332	-0.000	-0.647
2013	7	1,182,006.000	1,182,098.032	-92.032	-0.000	-0.115
2013	8	1,182,494.000	1,183,007.532	-513.532	-0.000	-0.642
2013	9	1,182,767.000	1,183,292.950	-525.950	-0.000	-0.657
2013	10	1,184,294.000	1,183,972.663	321.337	0.000	0.402
2013	11	1,185,507.000	1,185,561.161	-54.161	-0.000	-0.068
2013	12	1,187,308.000	1,186,780.789	527.211	0.000	0.659
2014	1	1,189,178.000	1,188,904.275	273.725	0.000	0.342
2014	2	1,190,421.000	1,190,475.060	-54.060	-0.000	-0.068
2014	3	1,191,823.000	1,191,477.260	345.740	0.000	0.432
2014	4	1,192,525.000	1,193,044.442	-519.442	-0.000	-0.649
2014	5	1,193,376.000	1,193,376.987	-0.987	-0.000	-0.001
2014	6	1,194,113.000	1,194,482.817	-369.817	-0.000	-0.462
2014	7	1,195,176.000	1,195,268.735	-92.735	-0.000	-0.116
2014	8	1,196,383.000	1,196,288.505	94.495	0.000	0.118
2014	9	1,197,415.000	1,197,538.546	-123.546	-0.000	-0.154
2014	10	1,199,345.000	1,198,816.462	528.538	0.000	0.661
2014	11	1,200,748.000	1,200,903.339	-155.339	-0.000	-0.194
2014	12	1,202,621.000	1,202,343.191	277.809	0.000	0.347
2015	1	1,205,083.000	1,204,277.993	805.007	0.001	1.006
2015	2	1,207,055.000	1,206,812.960	242.040	0.000	0.303
2015	3	1,208,767.000	1,208,768.183	-1.183	-0.000	-0.001
2015	4	1,209,647.000	1,210,088.442	-441.442	-0.000	-0.552
2015	5	1,210,195.000	1,210,884.969	-689.969	-0.001	-0.862
2015	6	1,210,960.000	1,211,013.418	-53.418	-0.000	-0.067
2015	7	1,211,212.000	1,212,007.742	-795.742	-0.001	-0.995
2015	8	1,212,526.000	1,212,162.446	363.554	0.000	0.454
2015	9	1,213,588.000	1,213,718.617	-130.617	-0.000	-0.163
2015	10	1,215,297.000	1,214,939.705	357.295	0.000	0.447
2015	11	1,216,950.000	1,216,614.685	335.315	0.000	0.419
2015	12	1,218,662.000	1,218,327.622	334.378	0.000	0.418
2016	1	1,221,047.000	1,220,270.411	776.589	0.001	0.971
2016	2	1,222,675.000	1,222,671.593	3.407	0.000	0.004
2016	3	1,224,269.000	1,223,945.171	323.829	0.000	0.405
2016	4	1,225,591.000	1,225,378.727	212.273	0.000	0.265
2016	5	1,226,513.000	1,226,524.536	-11.536	-0.000	-0.014
2016	6	1,227,436.000	1,227,611.104	-175.104	-0.000	-0.219

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2016	7	1,228,069.000	1,228,249.802	-180.802	-0.000	-0.226
2016	8	1,230,458.000	1,229,202.693	1,255.307	0.001	1.569
2016	9	1,231,402.000	1,232,060.835	-658.835	-0.001	-0.824
2016	10	1,232,945.000	1,232,686.508	258.492	0.000	0.323
2016	11	1,233,882.000	1,234,415.695	-533.695	-0.000	-0.667
2016	12	1,235,378.000	1,235,169.754	208.246	0.000	0.260
2017	1	1,237,374.000	1,237,000.147	373.853	0.000	0.467
2017	2	1,238,884.000	1,238,882.415	1.585	0.000	0.002
2017	3	1,240,722.000	1,240,370.742	351.258	0.000	0.439
2017	4	1,241,530.000	1,242,267.974	-737.974	-0.001	-0.922
2017	5		1,242,664.338			
2017	6		1,243,808.820			
2017	7		1,244,967.659			
2017	8		1,246,642.622			
2017	9		1,247,759.558			
2017	10		1,249,037.154			
2017	11		1,250,085.482			
2017	12		1,251,305.373			
2018	1		1,252,646.351			
2018	2		1,253,894.461			
2018	3		1,255,214.111			
2018	4		1,256,177.390			
2018	5		1,257,288.681			
2018	6		1,258,426.142			
2018	7		1,259,579.916			
2018	8		1,260,739.532			
2018	9		1,261,878.439			
2018	10		1,263,018.686			
2018	11		1,264,159.914			
2018	12		1,265,286.605			
2019	1		1,266,414.120			
2019	2		1,267,542.443			
2019	3		1,268,653.627			
2019	4		1,269,765.610			
2019	5		1,270,878.390			
2019	6		1,271,976.252			
2019	7		1,273,074.906			
2019	8		1,274,174.352			
2019	9		1,275,256.036			
2019	10		1,276,338.507			
2019	11		1,277,421.764			
2019	12		1,278,512.965			
2020	1		1,279,604.947			
2020	2		1,280,697.710			
2020	3		1,281,792.820			
2020	4		1,282,888.706			

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2020	5		1,283,985.366			
2020	6		1,285,081.702			
2020	7		1,286,178.808			
2020	8		1,287,276.683			
2020	9		1,288,376.824			
2020	10		1,289,477.729			
2020	11		1,290,579.399			
2020	12		1,291,675.612			
2021	1		1,292,772.585			
2021	2		1,293,870.316			
2021	3		1,294,956.152			
2021	4		1,296,042.742			
2021	5		1,297,130.084			
2021	6		1,298,212.040			
2021	7		1,299,294.744			
2021	8		1,300,378.196			
2021	9		1,301,451.048			
2021	10		1,302,524.645			
2021	11		1,303,598.983			
2021	12		1,304,665.932			

Variable	Description	Definition
CONST	Constant	
CommIndust	Calendar month customer count - historical data	from company records
Population	PSCo Service Territory Population	from Global Insight
AR(1)	First order autoregressive term	
AR(2)	Second order autoregressive term	
SAR(1)	Seasonal autoregressive term	

Variable	Coefficient	StdErr	T-Stat	P-Value
CONST	92308.317	2920.495	31.607	0.00%
Population	18.513	0.840	22.049	0.00%
AR(1)	1.058	0.079	13.453	0.00%
AR(2)	-0.234	0.078	-2.983	0.34%
SAR(1)	0.557	0.064	8.660	0.00%

Model Statistics

Iterations	15
Adjusted Observations	134
Deg. of Freedom for Error	129
R-Squared	0.999
Adjusted R-Squared	0.999
AIC	9.861
BIC	9.969
F-Statistic	28344.915
Prob (F-Statistic)	0.0000
Log-Likelihood	-845.79
Model Sum of Squares	2,094,216,002.65
Sum of Squared Errors	2,382,736.63
Mean Squared Error	18,470.83
Std. Error of Regression	135.91
Mean Abs. Dev. (MAD)	105.34
Mean Abs. % Err. (MAPE)	0.07%
Durbin-Watson Statistic	2.060
Durbin-H Statistic	#NA
Ljung-Box Statistic	32.98
Prob (Ljung-Box)	0.1044
Skewness	-0.197
Kurtosis	3.042
Jarque-Bera	0.872
Prob (Jarque-Bera)	0.6465

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2005	1	144,222.000				
2005	2	144,384.000				
2005	3	144,494.000				
2005	4	144,476.000				
2005	5	144,749.000				
2005	6	144,905.000				
2005	7	144,955.000				
2005	8	145,344.000				
2005	9	145,421.000				
2005	10	145,327.000				
2005	11	145,576.000				
2005	12	145,556.000				
2006	1	145,875.000				
2006	2	145,632.000				
2006	3	146,023.000	145,818.547	204.453	0.001	1.504
2006	4	145,965.000	146,244.979	-279.979	-0.002	-2.060
2006	5	146,403.000	146,279.009	123.991	0.001	0.912
2006	6	146,573.000	146,675.521	-102.521	-0.001	-0.754
2006	7	146,571.000	146,735.147	-164.147	-0.001	-1.208
2006	8	146,931.000	146,908.100	22.900	0.000	0.168
2006	9	147,012.000	147,117.091	-105.091	-0.001	-0.773
2006	10	147,410.000	147,079.001	330.999	0.002	2.435
2006	11	147,416.000	147,692.344	-276.344	-0.002	-2.033
2006	12	147,386.000	147,443.197	-57.197	-0.000	-0.421
2007	1	147,569.000	147,639.186	-70.186	-0.000	-0.516
2007	2	147,781.000	147,521.512	259.488	0.002	1.909
2007	3	148,135.000	148,112.525	22.475	0.000	0.165
2007	4	148,325.000	148,150.756	174.244	0.001	1.282
2007	5	148,755.000	148,605.181	149.819	0.001	1.102
2007	6	148,962.000	148,848.843	113.157	0.001	0.833
2007	7	149,205.000	148,930.685	274.315	0.002	2.018
2007	8	149,475.000	149,369.794	105.206	0.001	0.774
2007	9	149,300.000	149,438.300	-138.300	-0.001	-1.018
2007	10	149,440.000	149,417.625	22.375	0.000	0.165
2007	11	149,359.000	149,392.977	-33.977	-0.000	-0.250
2007	12	149,179.000	149,312.948	-133.948	-0.001	-0.986
2008	1	149,317.000	149,268.622	48.378	0.000	0.356
2008	2	149,271.000	149,469.811	-198.811	-0.001	-1.463
2008	3	149,309.000	149,491.782	-182.782	-0.001	-1.345
2008	4	149,568.000	149,474.473	93.527	0.001	0.688
2008	5	149,824.000	149,919.850	-95.850	-0.001	-0.705
2008	6	149,994.000	150,023.291	-29.291	-0.000	-0.216
2008	7	150,203.000	150,219.432	-16.432	-0.000	-0.121
2008	8	150,507.000	150,441.653	65.347	0.000	0.481
2008	9	150,630.000	150,496.336	133.664	0.001	0.983
2008	10	150,780.000	150,778.189	1.811	0.000	0.013

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2008	11	150,791.000	150,764.587	26.413	0.000	0.194
2008	12	150,826.000	150,713.619	112.381	0.001	0.827
2009	1	150,940.000	150,927.044	12.956	0.000	0.095
2009	2	150,824.000	150,915.935	-91.935	-0.001	-0.676
2009	3	151,035.000	150,839.545	195.455	0.001	1.438
2009	4	151,144.000	151,212.346	-68.346	-0.000	-0.503
2009	5	151,188.000	151,280.047	-92.047	-0.001	-0.677
2009	6	151,359.000	151,278.294	80.706	0.001	0.594
2009	7	151,383.000	151,505.565	-122.565	-0.001	-0.902
2009	8	151,439.000	151,564.766	-125.766	-0.001	-0.925
2009	9	151,413.000	151,540.554	-127.554	-0.001	-0.939
2009	10	151,615.000	151,556.073	58.927	0.000	0.434
2009	11	151,621.000	151,715.078	-94.078	-0.001	-0.692
2009	12	151,687.000	151,712.227	-25.227	-0.000	-0.186
2010	1	151,830.000	151,830.388	-0.388	-0.000	-0.003
2010	2	151,913.000	151,844.565	68.435	0.000	0.504
2010	3	152,166.000	152,109.110	56.890	0.000	0.419
2010	4	152,287.000	152,283.912	3.088	0.000	0.023
2010	5	152,332.000	152,346.751	-14.751	-0.000	-0.109
2010	6	152,541.000	152,462.065	78.935	0.001	0.581
2010	7	152,500.000	152,596.854	-96.854	-0.001	-0.713
2010	8	152,626.000	152,551.272	74.728	0.000	0.550
2010	9	152,714.000	152,657.113	56.887	0.000	0.419
2010	10	152,772.000	152,863.090	-91.090	-0.001	-0.670
2010	11	152,769.000	152,792.250	-23.250	-0.000	-0.171
2010	12	152,727.000	152,842.321	-115.321	-0.001	-0.849
2011	1	152,660.000	152,847.453	-187.453	-0.001	-1.379
2011	2	152,621.000	152,764.336	-143.336	-0.001	-1.055
2011	3	153,011.000	152,854.317	156.683	0.001	1.153
2011	4	153,235.000	153,212.553	22.447	0.000	0.165
2011	5	153,370.000	153,351.978	18.022	0.000	0.133
2011	6	153,533.000	153,556.056	-23.056	-0.000	-0.170
2011	7	153,624.000	153,563.761	60.239	0.000	0.443
2011	8	153,753.000	153,750.484	2.516	0.000	0.019
2011	9	153,739.000	153,842.246	-103.246	-0.001	-0.760
2011	10	153,823.000	153,801.290	21.710	0.000	0.160
2011	11	153,670.000	153,876.147	-206.147	-0.001	-1.517
2011	12	153,490.000	153,687.772	-197.772	-0.001	-1.455
2012	1	153,566.000	153,527.311	38.689	0.000	0.285
2012	2	153,588.000	153,669.127	-81.127	-0.001	-0.597
2012	3	154,028.000	153,913.079	114.921	0.001	0.846
2012	4	154,404.000	154,270.428	133.572	0.001	0.983
2012	5	154,673.000	154,566.402	106.598	0.001	0.784
2012	6	154,734.000	154,815.460	-81.460	-0.001	-0.599
2012	7	154,800.000	154,796.224	3.776	0.000	0.028
2012	8	154,909.000	154,899.186	9.814	0.000	0.072

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2012	9	154,735.000	154,935.136	-200.136	-0.001	-1.473
2012	10	154,937.000	154,805.407	131.593	0.001	0.968
2012	11	154,723.000	154,931.242	-208.242	-0.001	-1.532
2012	12	154,962.000	154,666.510	295.490	0.002	2.174
2013	1	155,191.000	155,105.609	85.391	0.001	0.628
2013	2	155,250.000	155,244.048	5.952	0.000	0.044
2013	3	155,556.000	155,502.767	53.233	0.000	0.392
2013	4	155,838.000	155,773.723	64.277	0.000	0.473
2013	5	156,165.000	155,994.064	170.936	0.001	1.258
2013	6	156,360.000	156,206.199	153.801	0.001	1.132
2013	7	156,470.000	156,379.842	90.158	0.001	0.663
2013	8	156,612.000	156,488.303	123.697	0.001	0.910
2013	9	156,515.000	156,468.288	46.712	0.000	0.344
2013	10	156,587.000	156,569.492	17.508	0.000	0.129
2013	11	156,148.000	156,415.587	-267.587	-0.002	-1.969
2013	12	156,035.000	156,227.688	-192.688	-0.001	-1.418
2014	1	156,032.000	156,177.618	-145.618	-0.001	-1.071
2014	2	155,940.000	156,137.892	-197.892	-0.001	-1.456
2014	3	156,234.000	156,214.590	19.410	0.000	0.143
2014	4	156,635.000	156,539.448	95.552	0.001	0.703
2014	5	157,098.000	156,958.584	139.416	0.001	1.026
2014	6	157,354.000	157,326.397	27.603	0.000	0.203
2014	7	157,550.000	157,485.221	64.779	0.000	0.477
2014	8	157,684.000	157,682.243	1.757	0.000	0.013
2014	9	157,786.000	157,664.790	121.210	0.001	0.892
2014	10	157,690.000	157,866.897	-176.897	-0.001	-1.302
2014	11	157,391.000	157,452.100	-61.100	-0.000	-0.450
2014	12	157,177.000	157,373.097	-196.097	-0.001	-1.443
2015	1	157,299.000	157,234.290	64.710	0.000	0.476
2015	2	157,330.000	157,359.072	-29.072	-0.000	-0.214
2015	3	157,663.000	157,590.661	72.339	0.000	0.532
2015	4	158,172.000	157,983.664	188.336	0.001	1.386
2015	5	158,205.000	158,513.963	-308.963	-0.002	-2.273
2015	6	158,541.000	158,343.362	197.638	0.001	1.454
2015	7	158,539.000	158,720.569	-181.569	-0.001	-1.336
2015	8	158,693.000	158,639.087	53.913	0.000	0.397
2015	9	158,793.000	158,810.907	-17.907	-0.000	-0.132
2015	10	158,636.000	158,791.353	-155.353	-0.001	-1.143
2015	11	158,451.000	158,511.663	-60.663	-0.000	-0.446
2015	12	158,458.000	158,398.732	59.268	0.000	0.436
2016	1	158,595.000	158,610.983	-15.983	-0.000	-0.118
2016	2	158,664.000	158,677.378	-13.378	-0.000	-0.098
2016	3	158,980.000	158,905.426	74.574	0.000	0.549
2016	4	159,412.000	159,320.431	91.569	0.001	0.674
2016	5	159,721.000	159,470.809	250.191	0.002	1.841
2016	6	159,996.000	159,946.236	49.764	0.000	0.366

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2016	7	160,050.000	159,974.953	75.047	0.000	0.552
2016	8	160,383.000	160,105.530	277.470	0.002	2.042
2016	9	160,421.000	160,422.665	-1.665	-0.000	-0.012
2016	10	160,420.000	160,265.635	154.365	0.001	1.136
2016	11	159,860.000	160,266.281	-406.281	-0.003	-2.989
2016	12	159,669.000	159,778.194	-109.194	-0.001	-0.803
2017	1	159,778.000	159,763.033	14.967	0.000	0.110
2017	2	159,886.000	159,890.331	-4.331	-0.000	-0.032
2017	3	160,207.000	160,143.024	63.976	0.000	0.471
2017	4	160,420.000	160,529.295	-109.295	-0.001	-0.804
2017	5		160,647.459			
2017	6		160,870.014			
2017	7		160,969.980			
2017	8		161,221.307			
2017	9		161,298.730			
2017	10		161,350.865			
2017	11		161,089.069			
2017	12		161,028.930			
2018	1		161,134.185			
2018	2		161,237.699			
2018	3		161,456.695			
2018	4		161,614.924			
2018	5		161,780.713			
2018	6		161,943.338			
2018	7		162,037.460			
2018	8		162,215.630			
2018	9		162,296.947			
2018	10		162,364.080			
2018	11		162,256.396			
2018	12		162,260.590			
2019	1		162,356.797			
2019	2		162,452.002			
2019	3		162,611.146			
2019	4		162,736.449			
2019	5		162,865.946			
2019	6		162,993.470			
2019	7		163,082.857			
2019	8		163,219.020			
2019	9		163,300.918			
2019	10		163,374.917			
2019	11		163,351.611			
2019	12		163,391.555			
2020	1		163,482.711			
2020	2		163,573.308			
2020	3		163,700.214			
2020	4		163,808.283			

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2020	5		163,918.686			
2020	6		164,028.466			
2020	7		164,117.020			
2020	8		164,231.609			
2020	9		164,316.731			
2020	10		164,397.455			
2020	11		164,424.021			
2020	12		164,485.155			
2021	1		164,574.794			
2021	2		164,664.121			
2021	3		164,772.816			
2021	4		164,871.026			
2021	5		164,970.535			
2021	6		165,069.353			
2021	7		165,156.356			
2021	8		165,257.851			
2021	9		165,342.185			
2021	10		165,424.073			
2021	11		165,475.815			
2021	12		165,546.507			

Variable	Description	Definition
StreetLight	calendar month customer count - historical data	from company records

Variable	Coefficient	StdErr	T-Stat	P-Value
Simple	0.858	0.081	10.613	0.000
Trend	0.135	0.058	2.354	0.020
Damp Factor	0.969	0.027	36.196	0.000

Model Statistics		
Iterations		15
Adjusted Observations		172
Deg. of Freedom for Error		169
R-Squared		0.998
Adjusted R-Squared		0.998
AIC		10.902
BIC		10.957
F-Statistic	#NA	
Prob (F-Statistic)	#NA	
Log-Likelihood		-1,178.64
Model Sum of Squares		4,312,946,596
Sum of Squared Errors		9,018,314
Mean Squared Error		53,362.80
Std. Error of Regression		231.00
Mean Abs. Dev. (MAD)		139.46
Mean Abs. % Err. (MAPE)		0.23%
Durbin-Watson Statistic		2.033
Durbin-H Statistic		0.000
Ljung-Box Statistic		21.09
Prob (Ljung-Box)		0.6332
Skewness		-0.622
Kurtosis		12.385
Jarque-Bera		642.3
Prob (Jarque-Bera)		0.0000

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2003	1	68,567.00	68,571.066	-4.066	-0.01%	-0.018
2003	2	68,565.00	68,459.751	105.249	0.15%	0.456
2003	3	68,606.00	68,457.322	148.678	0.22%	0.644
2003	4	68,677.00	68,511.708	165.292	0.24%	0.716
2003	5	68,651.00	68,601.189	49.811	0.07%	0.216
2003	6	68,598.00	68,598.848	-0.848	-0.00%	-0.004
2003	7	68,731.00	68,554.347	176.653	0.26%	0.765
2003	8	69,501.00	68,683.287	817.713	1.18%	3.540
2003	9	68,162.00	69,454.727	-1,292.727	-1.90%	-5.596
2003	10	68,250.00	68,268.695	-18.695	-0.03%	-0.081
2003	11	68,259.00	68,175.429	83.571	0.12%	0.362
2003	12	68,395.00	68,181.628	213.372	0.31%	0.924
2004	1	68,449.00	68,325.163	123.837	0.18%	0.536
2004	2	68,451.00	68,407.071	43.929	0.06%	0.190
2004	3	68,514.00	68,426.145	87.855	0.13%	0.380
2004	4	68,508.00	68,493.349	14.651	0.02%	0.063
2004	5	68,577.00	68,499.677	77.323	0.11%	0.335
2004	6	68,974.00	68,568.646	405.354	0.59%	1.755
2004	7	68,528.00	68,964.477	-436.477	-0.64%	-1.889
2004	8	68,134.00	68,587.794	-453.794	-0.67%	-1.964
2004	9	67,757.00	68,145.228	-388.228	-0.57%	-1.681
2004	10	67,534.00	67,716.795	-182.795	-0.27%	-0.791
2004	11	66,988.00	67,446.855	-458.855	-0.68%	-1.986
2004	12	66,742.00	66,891.969	-149.969	-0.22%	-0.649
2005	1	66,589.00	66,589.997	-0.997	-0.00%	-0.004
2005	2	66,342.00	66,420.953	-78.953	-0.12%	-0.342
2005	3	66,337.00	66,181.305	155.695	0.23%	0.674
2005	4	65,844.00	66,165.656	-321.656	-0.49%	-1.392
2005	5	65,572.00	65,709.000	-137.000	-0.21%	-0.593
2005	6	65,308.00	65,400.783	-92.783	-0.14%	-0.402
2005	7	64,888.00	65,125.858	-237.858	-0.37%	-1.030
2005	8	64,423.00	64,705.706	-282.706	-0.44%	-1.224
2005	9	63,742.00	64,221.860	-479.860	-0.75%	-2.077
2005	10	63,473.00	63,522.280	-49.280	-0.08%	-0.213
2005	11	62,957.00	63,195.178	-238.178	-0.38%	-1.031
2005	12	62,915.00	62,687.967	227.033	0.36%	0.983
2006	1	62,601.00	62,614.503	-13.503	-0.02%	-0.058
2006	2	62,442.00	62,341.442	100.558	0.16%	0.435
2006	3	62,259.00	62,185.500	73.500	0.12%	0.318
2006	4	61,957.00	62,022.028	-65.028	-0.10%	-0.282
2006	5	61,707.00	61,739.359	-32.359	-0.05%	-0.140
2006	6	61,424.00	61,487.989	-63.989	-0.10%	-0.277
2006	7	61,065.00	61,209.118	-144.118	-0.24%	-0.624
2006	8	60,830.00	60,852.144	-22.144	-0.04%	-0.096
2006	9	60,604.00	60,604.398	-0.398	-0.00%	-0.002
2006	10	60,407.00	60,382.240	24.760	0.04%	0.107

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2006	11	60,359.00	60,191.218	167.782	0.28%	0.726
2006	12	60,294.00	60,148.217	145.783	0.24%	0.631
2007	1	60,353.00	60,108.476	244.524	0.41%	1.059
2007	2	60,272.00	60,185.976	86.024	0.14%	0.372
2007	3	59,620.00	60,141.284	-521.284	-0.87%	-2.257
2007	4	60,630.00	59,520.725	1,109.275	1.83%	4.802
2007	5	60,363.00	60,428.626	-65.626	-0.11%	-0.284
2007	6	60,516.00	60,322.960	193.040	0.32%	0.836
2007	7	60,318.00	60,462.354	-144.354	-0.24%	-0.625
2007	8	59,731.00	60,296.967	-565.967	-0.95%	-2.450
2007	9	59,183.00	59,707.571	-524.571	-0.89%	-2.271
2007	10	59,060.00	59,097.773	-37.773	-0.06%	-0.164
2007	11	58,658.00	58,906.044	-248.044	-0.42%	-1.074
2007	12	58,526.00	58,510.934	15.066	0.03%	0.065
2008	1	58,423.00	58,348.713	74.287	0.13%	0.322
2008	2	58,302.00	58,250.989	51.011	0.09%	0.221
2008	3	58,326.00	58,143.980	182.020	0.31%	0.788
2008	4	58,574.00	58,174.416	399.584	0.68%	1.730
2008	5	58,622.00	58,440.255	181.745	0.31%	0.787
2008	6	58,484.00	58,542.107	-58.107	-0.10%	-0.252
2008	7	58,470.00	58,433.387	36.613	0.06%	0.158
2008	8	58,103.00	58,411.812	-308.812	-0.53%	-1.337
2008	9	58,348.00	58,060.868	287.132	0.49%	1.243
2008	10	58,141.00	58,255.924	-114.924	-0.20%	-0.497
2008	11	58,035.00	58,094.829	-59.829	-0.10%	-0.259
2008	12	58,162.00	57,976.151	185.849	0.32%	0.805
2009	1	58,226.00	58,091.134	134.866	0.23%	0.584
2009	2	58,283.00	58,178.942	104.058	0.18%	0.450
2009	3	58,695.00	58,252.901	442.099	0.75%	1.914
2009	4	58,680.00	58,666.992	13.008	0.02%	0.056
2009	5	58,508.00	58,713.527	-205.527	-0.35%	-0.890
2009	6	58,153.00	58,548.437	-395.437	-0.68%	-1.712
2009	7	58,203.00	58,175.621	27.379	0.05%	0.119
2009	8	58,302.00	58,169.490	132.510	0.23%	0.574
2009	9	58,391.00	58,269.339	121.661	0.21%	0.527
2009	10	58,463.00	58,374.007	88.993	0.15%	0.385
2009	11	58,424.00	58,460.673	-36.673	-0.06%	-0.159
2009	12	58,338.00	58,435.132	-97.132	-0.17%	-0.420
2010	1	58,213.00	58,346.627	-133.627	-0.23%	-0.578
2010	2	58,151.00	58,211.937	-60.937	-0.10%	-0.264
2010	3	58,114.00	58,133.331	-19.331	-0.03%	-0.084
2010	4	57,971.00	58,089.031	-118.031	-0.20%	-0.511
2010	5	57,841.00	57,947.647	-106.647	-0.18%	-0.462
2010	6	57,682.00	57,805.241	-123.241	-0.21%	-0.534
2010	7	57,568.00	57,636.282	-68.282	-0.12%	-0.296
2010	8	57,413.00	57,508.694	-95.694	-0.17%	-0.414

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2010	9	57,221.00	57,348.930	-127.930	-0.22%	-0.554
2010	10	57,054.00	57,149.489	-95.489	-0.17%	-0.413
2010	11	56,914.00	56,969.853	-55.853	-0.10%	-0.242
2010	12	56,804.00	56,820.900	-16.900	-0.03%	-0.073
2011	1	56,673.00	56,706.533	-33.533	-0.06%	-0.145
2011	2	56,554.00	56,577.176	-23.176	-0.04%	-0.100
2011	3	56,543.00	56,457.162	85.838	0.15%	0.372
2011	4	56,508.00	56,443.355	64.645	0.11%	0.280
2011	5	56,411.00	56,421.324	-10.324	-0.02%	-0.045
2011	6	56,335.00	56,336.209	-1.209	-0.00%	-0.005
2011	7	56,183.00	56,261.102	-78.102	-0.14%	-0.338
2011	8	56,075.00	56,113.524	-38.524	-0.07%	-0.167
2011	9	55,826.00	55,998.008	-172.008	-0.31%	-0.745
2011	10	55,728.00	55,751.174	-23.174	-0.04%	-0.100
2011	11	55,537.00	55,632.391	-95.391	-0.17%	-0.413
2011	12	55,509.00	55,443.958	65.042	0.12%	0.282
2012	1	55,343.00	55,403.681	-60.681	-0.11%	-0.263
2012	2	55,270.00	55,251.693	18.307	0.03%	0.079
2012	3	55,400.00	55,172.553	227.447	0.41%	0.985
2012	4	54,836.00	55,301.265	-465.265	-0.85%	-2.014
2012	5	54,675.00	54,785.591	-110.591	-0.20%	-0.479
2012	6	54,490.00	54,565.165	-75.165	-0.14%	-0.325
2012	7	54,451.00	54,370.488	80.512	0.15%	0.349
2012	8	54,486.00	54,322.350	163.650	0.30%	0.708
2012	9	54,323.00	54,367.513	-44.513	-0.08%	-0.193
2012	10	54,360.00	54,232.066	127.934	0.24%	0.554
2012	11	54,305.00	54,261.874	43.126	0.08%	0.187
2012	12	54,324.00	54,226.254	97.746	0.18%	0.423
2013	1	54,333.00	54,250.697	82.303	0.15%	0.356
2013	2	54,395.00	54,272.979	122.021	0.22%	0.528
2013	3	54,468.00	54,344.537	123.463	0.23%	0.534
2013	4	54,470.00	54,432.246	37.754	0.07%	0.163
2013	5	54,527.00	54,451.264	75.736	0.14%	0.328
2013	6	54,520.00	54,511.790	8.210	0.02%	0.036
2013	7	53,698.00	54,515.471	-817.471	-1.52%	-3.539
2013	8	53,705.00	53,719.154	-14.154	-0.03%	-0.061
2013	9	53,596.00	53,613.013	-17.013	-0.03%	-0.074
2013	10	53,674.00	53,505.374	168.626	0.31%	0.730
2013	11	53,482.00	53,578.756	-96.756	-0.18%	-0.419
2013	12	53,640.00	53,415.847	224.153	0.42%	0.970
2014	1	53,658.00	53,555.808	102.192	0.19%	0.442
2014	2	53,672.00	53,604.290	67.710	0.13%	0.293
2014	3	53,739.00	53,632.024	106.976	0.20%	0.463
2014	4	53,597.00	53,706.403	-109.403	-0.20%	-0.474
2014	5	53,783.00	53,583.442	199.558	0.37%	0.864
2014	6	53,748.00	53,748.785	-0.785	-0.00%	-0.003

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2014	7	53,838.00	53,742.418	95.582	0.18%	0.414
2014	8	53,780.00	53,829.626	-49.626	-0.09%	-0.215
2014	9	53,753.00	53,786.567	-33.567	-0.06%	-0.145
2014	10	53,791.00	53,753.514	37.486	0.07%	0.162
2014	11	53,690.00	53,785.742	-95.742	-0.18%	-0.414
2014	12	53,740.00	53,692.940	47.060	0.09%	0.204
2015	1	53,712.00	53,728.219	-16.219	-0.03%	-0.070
2015	2	53,717.00	53,707.564	9.436	0.02%	0.041
2015	3	53,842.00	53,710.177	131.823	0.24%	0.571
2015	4	53,837.00	53,832.753	4.247	0.01%	0.018
2015	5	53,846.00	53,846.117	-0.117	-0.00%	-0.001
2015	6	53,977.00	53,855.429	121.571	0.23%	0.526
2015	7	53,925.00	53,982.494	-57.494	-0.11%	-0.249
2015	8	53,915.00	53,948.836	-33.836	-0.06%	-0.146
2015	9	53,824.00	53,931.177	-107.177	-0.20%	-0.464
2015	10	53,877.00	53,838.210	38.790	0.07%	0.168
2015	11	53,788.00	53,874.813	-86.813	-0.16%	-0.376
2015	12	53,859.00	53,793.830	65.170	0.12%	0.282
2016	1	53,841.00	53,850.715	-9.715	-0.02%	-0.042
2016	2	53,860.00	53,842.260	17.740	0.03%	0.077
2016	3	53,965.00	53,859.350	105.650	0.20%	0.457
2016	4	53,928.00	53,963.665	-35.665	-0.07%	-0.154
2016	5	53,907.00	53,942.364	-35.364	-0.07%	-0.153
2016	6	54,016.00	53,917.055	98.945	0.18%	0.428
2016	7	53,952.00	54,017.909	-65.909	-0.12%	-0.285
2016	8	54,059.00	53,969.486	89.514	0.17%	0.388
2016	9	53,949.00	54,064.175	-115.175	-0.21%	-0.499
2016	10	53,952.00	53,969.821	-17.821	-0.03%	-0.077
2016	11	53,935.00	53,956.808	-21.808	-0.04%	-0.094
2016	12	53,962.00	53,937.851	24.149	0.04%	0.105
2017	1	53,959.00	53,961.030	-2.030	-0.00%	-0.009
2017	2	53,946.00	53,961.456	-15.456	-0.03%	-0.067
2017	3	54,059.00	53,948.562	110.438	0.20%	0.478
2017	4	54,018.00	54,056.051	-38.051	-0.07%	-0.165
2017	5		54,031.532			
2017	6		54,039.396			
2017	7		54,047.019			
2017	8		54,054.409			
2017	9		54,061.574			
2017	10		54,068.519			
2017	11		54,075.253			
2017	12		54,081.781			
2018	1		54,088.110			
2018	2		54,094.245			
2018	3		54,100.194			
2018	4		54,105.960			

Year	Month	Actual	Pred	Resid	%Resid	StdResid
2018	5		54,111.550			
2018	6		54,116.970			
2018	7		54,122.224			
2018	8		54,127.318			
2018	9		54,132.256			
2018	10		54,137.044			
2018	11		54,141.685			
2018	12		54,146.185			
2019	1		54,150.547			
2019	2		54,154.776			
2019	3		54,158.875			
2019	4		54,162.850			
2019	5		54,166.703			
2019	6		54,170.439			
2019	7		54,174.060			
2019	8		54,177.571			
2019	9		54,180.975			
2019	10		54,184.274			
2019	11		54,187.473			
2019	12		54,190.575			
2020	1		54,193.581			
2020	2		54,196.496			
2020	3		54,199.322			
2020	4		54,202.061			
2020	5		54,204.717			
2020	6		54,207.292			
2020	7		54,209.788			
2020	8		54,212.208			
2020	9		54,214.554			
2020	10		54,216.828			
2020	11		54,219.033			
2020	12		54,221.171			
2021	1		54,223.243			
2021	2		54,225.252			
2021	3		54,227.200			
2021	4		54,229.088			
2021	5		54,230.918			
2021	6		54,232.693			
2021	7		54,234.414			
2021	8		54,236.082			
2021	9		54,237.698			
2021	10		54,239.266			
2021	11		54,240.786			
2021	12		54,242.259			