

Residential Customers

Line No.	Variable	Coefficient	StdErr	T-Stat	P-Value
1	NR_Gas	1175.756	34.763	33.822	0.00%
2	TrendVar2	3222.118	843.758	3.819	0.02%
3	AR(1)	0.980	0.010	96.766	0.00%
4	SAR(1)	0.635	0.065	9.826	0.00%
5	MA(1)	0.291	0.080	3.646	0.04%

Residential Customers

Line No.	Variable	Description	Definition
1	ResActiveService	Calendar month customer count - historical data	from company records
2	NR_Gas	Colorado Service Territory Population	from IHS Markit
3	TrendVar2	Trend variable	
4	AR(1)	First order autoregressive term	
5	SAR(1)	First order seasonal autoregressive term	
6	MA(1)	First order moving average autoregressive term	

Residential Customers

Line No.	Model Statistics	
1	Iterations	24
2	Adjusted Observations	148
3	Deg. of Freedom for Error	143
4	R-Squared	1.000
5	Adjusted R-Squared	1.000
6	AIC	12.597
7	BIC	12.698
8	F-Statistic	
9	Prob (F-Statistic)	
10	Log-Likelihood	-1,137.15
11	Model Sum of Squares	310,511,761,364.86
12	Sum of Squared Errors	40,882,959.14
13	Mean Squared Error	285,894.82
14	Std. Error of Regression	534.69
15	Mean Abs. Dev. (MAD)	430.04
16	Mean Abs. % Err. (MAPE)	0.03%
17	Durbin-Watson Statistic	1.844
18	Durbin-H Statistic	
19	Ljung-Box Statistic	50.19
20	Prob (Ljung-Box)	0.0013
21	Skewness	0.235
22	Kurtosis	2.625
23	Jarque-Bera	2.225
24	Prob (Jarque-Bera)	0.3288

Residential Customers

Line No.	Year	Month	Actual	Pred	Resid	%Resid	StdResid
1	2008	1	1,171,399.000				
2	2008	2	1,172,479.000				
3	2008	3	1,173,303.000				
4	2008	4	1,173,762.000				
5	2008	5	1,174,047.000				
6	2008	6	1,173,489.000				
7	2008	7	1,173,973.000				
8	2008	8	1,176,815.000				
9	2008	9	1,179,246.000				
10	2008	10	1,181,910.000				
11	2008	11	1,183,771.000				
12	2008	12	1,186,255.000				
13	2009	1	1,187,996.000				
14	2009	2	1,188,848.000	1,188,826.058	21.942	0.000	0.041
15	2009	3	1,189,640.000	1,189,527.365	112.635	0.000	0.211
16	2009	4	1,189,327.000	1,190,117.373	-790.373	-0.001	-1.478
17	2009	5	1,188,942.000	1,189,452.030	-510.030	-0.000	-0.954
18	2009	6	1,189,162.000	1,187,991.557	1,170.443	0.001	2.189
19	2009	7	1,188,734.000	1,189,347.207	-613.207	-0.001	-1.147
20	2009	8	1,188,527.000	1,189,909.503	-1,382.503	-0.001	-2.586
21	2009	9	1,188,770.000	1,189,253.631	-483.631	-0.000	-0.905
22	2009	10	1,190,715.000	1,189,928.069	786.931	0.001	1.472
23	2009	11	1,191,934.000	1,191,723.535	210.465	0.000	0.394
24	2009	12	1,193,418.000	1,193,166.174	251.826	0.000	0.471
25	2010	1	1,195,227.000	1,194,775.487	451.513	0.000	0.844
26	2010	2	1,196,337.000	1,195,484.200	852.800	0.001	1.595
27	2010	3	1,197,680.000	1,196,533.038	1,146.962	0.001	2.145
28	2010	4	1,197,580.000	1,197,236.521	343.479	0.000	0.642
29	2010	5	1,197,626.000	1,196,848.824	777.176	0.001	1.454
30	2010	6	1,197,542.000	1,198,531.463	-989.463	-0.001	-1.851
31	2010	7	1,196,898.000	1,197,542.575	-644.575	-0.001	-1.206
32	2010	8	1,196,984.000	1,197,162.926	-178.926	-0.000	-0.335
33	2010	9	1,197,018.000	1,197,682.242	-664.242	-0.001	-1.242
34	2010	10	1,198,057.000	1,198,675.205	-618.205	-0.001	-1.156
35	2010	11	1,199,866.000	1,199,286.426	579.574	0.000	1.084
36	2010	12	1,200,950.000	1,201,607.944	-657.944	-0.001	-1.231
37	2011	1	1,202,654.000	1,203,139.344	-485.344	-0.000	-0.908
38	2011	2	1,203,696.000	1,203,878.920	-182.920	-0.000	-0.342
39	2011	3	1,204,699.000	1,205,245.718	-546.718	-0.000	-1.022

Residential Customers

Line No.	Year	Month	Actual	Pred	Resid	%Resid	StdResid
40	2011	4	1,204,595.000	1,205,240.851	-645.851	-0.001	-1.208
41	2011	5	1,204,588.000	1,205,219.406	-631.406	-0.001	-1.181
42	2011	6	1,204,502.000	1,204,661.083	-159.083	-0.000	-0.298
43	2011	7	1,204,332.000	1,204,365.346	-33.346	-0.000	-0.062
44	2011	8	1,205,073.000	1,204,699.113	373.887	0.000	0.699
45	2011	9	1,204,878.000	1,205,519.994	-641.994	-0.001	-1.201
46	2011	10	1,206,451.000	1,205,680.498	770.502	0.001	1.441
47	2011	11	1,207,775.000	1,208,143.583	-368.583	-0.000	-0.689
48	2011	12	1,209,210.000	1,208,680.230	529.770	0.000	0.991
49	2012	1	1,210,691.000	1,211,351.129	-660.129	-0.001	-1.235
50	2012	2	1,211,769.000	1,211,489.872	279.128	0.000	0.522
51	2012	3	1,212,861.000	1,212,816.106	44.894	0.000	0.084
52	2012	4	1,212,773.000	1,213,135.645	-362.645	-0.000	-0.678
53	2012	5	1,212,958.000	1,212,999.264	-41.264	-0.000	-0.077
54	2012	6	1,212,944.000	1,213,212.713	-268.713	-0.000	-0.503
55	2012	7	1,212,753.000	1,213,086.081	-333.081	-0.000	-0.623
56	2012	8	1,213,157.000	1,213,464.570	-307.570	-0.000	-0.575
57	2012	9	1,213,281.000	1,213,290.262	-9.262	-0.000	-0.017
58	2012	10	1,215,526.000	1,214,627.233	898.767	0.001	1.681
59	2012	11	1,216,586.000	1,216,961.136	-375.136	-0.000	-0.702
60	2012	12	1,217,972.000	1,217,724.530	247.470	0.000	0.463
61	2013	1	1,219,756.000	1,219,906.508	-150.508	-0.000	-0.281
62	2013	2	1,221,029.000	1,220,733.961	295.039	0.000	0.552
63	2013	3	1,222,088.000	1,222,141.493	-53.493	-0.000	-0.100
64	2013	4	1,222,550.000	1,222,349.798	200.202	0.000	0.374
65	2013	5	1,222,932.000	1,223,056.494	-124.494	-0.000	-0.233
66	2013	6	1,222,892.000	1,223,318.659	-426.659	-0.000	-0.798
67	2013	7	1,223,424.000	1,223,088.576	335.424	0.000	0.627
68	2013	8	1,223,929.000	1,224,217.007	-288.007	-0.000	-0.539
69	2013	9	1,224,175.000	1,224,367.504	-192.504	-0.000	-0.360
70	2013	10	1,225,736.000	1,225,995.345	-259.345	-0.000	-0.485
71	2013	11	1,227,096.000	1,226,790.922	305.078	0.000	0.571
72	2013	12	1,228,917.000	1,228,518.283	398.717	0.000	0.746
73	2014	1	1,230,589.000	1,231,197.802	-608.802	-0.000	-1.139
74	2014	2	1,231,747.000	1,231,675.334	71.666	0.000	0.134
75	2014	3	1,232,872.000	1,232,898.001	-26.001	-0.000	-0.049
76	2014	4	1,233,191.000	1,233,615.948	-424.948	-0.000	-0.795
77	2014	5	1,233,472.000	1,233,777.232	-305.232	-0.000	-0.571
78	2014	6	1,233,701.000	1,234,451.888	-750.888	-0.001	-1.404

Residential Customers

Line No.	Year	Month	Actual	Pred	Resid	%Resid	StdResid
79	2014	7	1,234,058.000	1,234,931.589	-873.589	-0.001	-1.634
80	2014	8	1,234,367.000	1,235,257.267	-890.267	-0.001	-1.665
81	2014	9	1,235,375.000	1,235,418.975	-43.975	-0.000	-0.082
82	2014	10	1,236,886.000	1,237,513.715	-627.715	-0.001	-1.174
83	2014	11	1,238,639.000	1,238,738.832	-99.832	-0.000	-0.187
84	2014	12	1,240,674.000	1,240,942.582	-268.582	-0.000	-0.502
85	2015	1	1,243,093.000	1,243,425.692	-332.692	-0.000	-0.622
86	2015	2	1,244,765.000	1,244,918.739	-153.739	-0.000	-0.288
87	2015	3	1,246,434.000	1,246,625.169	-191.169	-0.000	-0.358
88	2015	4	1,247,104.000	1,247,774.131	-670.131	-0.001	-1.253
89	2015	5	1,247,347.000	1,248,293.322	-946.322	-0.001	-1.770
90	2015	6	1,247,733.000	1,247,511.267	221.733	0.000	0.415
91	2015	7	1,247,678.000	1,248,316.987	-638.987	-0.001	-1.195
92	2015	8	1,248,226.000	1,247,990.164	235.836	0.000	0.441
93	2015	9	1,248,831.000	1,249,233.221	-402.221	-0.000	-0.752
94	2015	10	1,250,597.000	1,249,976.394	620.606	0.000	1.161
95	2015	11	1,252,160.000	1,252,181.113	-21.113	-0.000	-0.039
96	2015	12	1,254,056.000	1,253,731.194	324.806	0.000	0.607
97	2016	1	1,256,043.000	1,256,550.650	-507.650	-0.000	-0.949
98	2016	2	1,257,776.000	1,257,239.668	536.332	0.000	1.003
99	2016	3	1,259,055.000	1,259,264.542	-209.542	-0.000	-0.392
100	2016	4	1,260,231.000	1,259,690.927	540.073	0.000	1.010
101	2016	5	1,261,073.000	1,260,802.190	270.810	0.000	0.506
102	2016	6	1,261,347.000	1,261,659.301	-312.301	-0.000	-0.584
103	2016	7	1,261,493.000	1,261,486.599	6.401	0.000	0.012
104	2016	8	1,262,950.000	1,262,108.546	841.454	0.001	1.574
105	2016	9	1,263,501.000	1,263,826.352	-325.352	-0.000	-0.608
106	2016	10	1,265,276.000	1,264,776.098	499.902	0.000	0.935
107	2016	11	1,267,022.000	1,266,652.877	369.123	0.000	0.690
108	2016	12	1,269,338.000	1,268,561.204	776.796	0.001	1.453
109	2017	1	1,271,829.000	1,271,622.626	206.374	0.000	0.386
110	2017	2	1,273,716.000	1,273,189.947	526.053	0.000	0.984
111	2017	3	1,275,158.000	1,274,869.558	288.442	0.000	0.539
112	2017	4	1,275,652.000	1,276,168.218	-516.218	-0.000	-0.965
113	2017	5	1,276,973.000	1,276,224.656	748.344	0.001	1.400
114	2017	6	1,277,265.000	1,277,999.636	-734.636	-0.001	-1.374
115	2017	7	1,277,524.000	1,277,789.426	-265.426	-0.000	-0.496
116	2017	8	1,278,381.000	1,279,027.408	-646.408	-0.001	-1.209
117	2017	9	1,279,099.000	1,279,212.049	-113.049	-0.000	-0.211

Residential Customers

Line No.	Year	Month	Actual	Pred	Resid	%Resid	StdResid
118	2017	10	1,280,611.000	1,280,868.412	-257.412	-0.000	-0.481
119	2017	11	1,283,080.000	1,282,325.162	754.838	0.001	1.412
120	2017	12	1,284,644.000	1,285,436.599	-792.599	-0.001	-1.482
121	2018	1	1,286,831.000	1,287,260.041	-429.041	-0.000	-0.802
122	2018	2	1,288,343.000	1,288,594.066	-251.066	-0.000	-0.470
123	2018	3	1,289,921.000	1,289,881.641	39.359	0.000	0.074
124	2018	4	1,290,946.000	1,290,941.397	4.603	0.000	0.009
125	2018	5	1,291,998.000	1,292,480.468	-482.468	-0.000	-0.902
126	2018	6	1,292,394.000	1,292,263.378	130.622	0.000	0.244
127	2018	7	1,292,811.000	1,292,815.776	-4.776	-0.000	-0.009
128	2018	8	1,294,090.000	1,293,571.599	518.401	0.000	0.970
129	2018	9	1,295,033.000	1,294,903.113	129.887	0.000	0.243
130	2018	10	1,297,488.000	1,296,231.220	1,256.780	0.001	2.350
131	2018	11	1,299,247.000	1,299,595.689	-348.689	-0.000	-0.652
132	2018	12	1,300,826.000	1,300,312.151	513.849	0.000	0.961
133	2019	1	1,302,939.000	1,303,116.872	-177.872	-0.000	-0.333
134	2019	2	1,305,120.000	1,304,012.949	1,107.051	0.001	2.070
135	2019	3	1,306,735.000	1,306,588.649	146.351	0.000	0.274
136	2019	4	1,307,994.000	1,307,563.943	430.057	0.000	0.804
137	2019	5	1,308,856.000	1,308,913.798	-57.798	-0.000	-0.108
138	2019	6	1,309,198.000	1,309,312.652	-114.652	-0.000	-0.214
139	2019	7	1,309,785.000	1,309,654.799	130.201	0.000	0.244
140	2019	8	1,310,578.000	1,310,859.493	-281.493	-0.000	-0.526
141	2019	9	1,311,882.000	1,311,392.838	489.162	0.000	0.915
142	2019	10	1,313,432.000	1,313,874.247	-442.247	-0.000	-0.827
143	2019	11	1,315,158.000	1,314,717.775	440.225	0.000	0.823
144	2019	12	1,317,140.000	1,316,481.245	658.755	0.001	1.232
145	2020	1	1,319,680.000	1,319,438.602	241.398	0.000	0.451
146	2020	2	1,321,084.000	1,321,305.492	-221.492	-0.000	-0.414
147	2020	3	1,323,099.000	1,321,802.153	1,296.847	0.001	2.425
148	2020	4	1,324,089.000	1,324,009.201	79.799	0.000	0.149
149	2020	5	1,324,879.000	1,324,385.452	493.548	0.000	0.923
150	2020	6	1,325,925.000	1,325,079.380	845.620	0.001	1.582
151	2020	7	1,326,767.000	1,326,365.714	401.286	0.000	0.750
152	2020	8	1,327,267.000	1,327,198.763	68.237	0.000	0.128
153	2020	9	1,328,333.000	1,327,922.032	410.968	0.000	0.769
154	2020	10	1,330,267.000	1,329,237.932	1,029.068	0.001	1.925
155	2020	11	1,331,846.000	1,331,443.344	402.656	0.000	0.753
156	2020	12	1,333,539.000	1,333,076.719	462.281	0.000	0.865

Residential Customers

Line No.	Year	Month	Actual	Pred	Resid	%Resid	StdResid
157	2021	1	1,335,521.000	1,335,720.686	-199.686	-0.000	-0.373
158	2021	2	1,337,260.000	1,336,205.593	1,054.407	0.001	1.972
159	2021	3	1,339,389.000	1,338,999.557	389.443	0.000	0.728
160	2021	4	1,340,288.000	1,340,273.639	14.361	0.000	0.027
161	2021	5	1,340,751.000	1,340,937.715	-186.715	-0.000	-0.349
162	2021	6		1,341,485.943			
163	2021	7		1,342,150.250			
164	2021	8		1,342,600.757			
165	2021	9		1,343,426.190			
166	2021	10		1,344,806.544			
167	2021	11		1,345,964.634			
168	2021	12		1,347,206.676			
169	2022	1		1,349,222.896			
170	2022	2		1,350,500.465			
171	2022	3		1,352,009.552			
172	2022	4		1,352,740.067			
173	2022	5		1,353,196.476			
174	2022	6		1,353,871.670			
175	2022	7		1,354,504.800			
176	2022	8		1,355,004.844			
177	2022	9		1,355,736.144			
178	2022	10		1,356,822.708			
179	2022	11		1,357,770.645			
180	2022	12		1,358,761.314			

Commercial/Transport Customers

Line No.	Variable	Description	Definition
1	CONST	Constant	
2	CI_Trans_AS	Calendar month customer count - historical data	from company records
3	Population	Colorado State Population	from Global Insight
4	Jan	Monthly seasonal variable for month of January	= 1 if month is January, = 0 for all other months
5	Feb	Monthly seasonal variable for month of February	= 1 if month is February, = 0 for all other months
6	Mar	Monthly seasonal variable for month of March	= 1 if month is March, = 0 for all other months
7	Apr	Monthly seasonal variable for month of April	= 1 if month is April, = 0 for all other months
8	Jun	Monthly seasonal variable for month of June	= 1 if month is June, = 0 for all other months
9	Jul	Monthly seasonal variable for month of July	= 1 if month is July, = 0 for all other months
10	Aug	Monthly seasonal variable for month of August	= 1 if month is August, = 0 for all other months
11	Sep	Monthly seasonal variable for month of September	= 1 if month is September, = 0 for all other months
12	Oct	Monthly seasonal variable for month of October	= 1 if month is October, = 0 for all other months
13	Nov	Monthly seasonal variable for month of November	= 1 if month is November, = 0 for all other months
14	Nov-10	Monthly binary	= 1 if month is November and year is 2010, = 0 for all other months
15	Jun-09	Monthly binary	= 1 if month is June and year is 2009, = 0 for all other months
16	Post042021	Count shift change	= 1 if date is April 2021 forward, = 0 for all other months
17	AR(1)	First order autoregressive term	
18	AR(2)	Second order autoregressive term	

Commercial/Transport Customers

Line No.	Variable	Coefficient	StdErr	T-Stat	P-Value
1	CONST	74083.493	6733.146	11.003	0.00%
2	Population	8.853	1.706	5.189	0.00%
3	Jan	167.609	14.762	11.354	0.00%
4	Feb	197.942	20.326	9.738	0.00%
5	Mar	225.258	20.284	11.105	0.00%
6	Apr	141.831	14.809	9.577	0.00%
7	Jun	-164.720	15.815	-10.416	0.00%
8	Jul	-316.794	23.432	-13.520	0.00%
9	Aug	-394.626	27.044	-14.592	0.00%
10	Sep	-465.565	27.032	-17.223	0.00%
11	Oct	-302.063	23.401	-12.908	0.00%
12	Nov	-155.864	15.761	-9.889	0.00%
13	Nov-10	175.951	38.760	4.539	0.00%
14	Jun-09	-271.656	38.710	-7.018	0.00%
15	Post042021	132.635	66.318	2.000	4.70%
16	AR(1)	1.347	0.070	19.201	0.00%
17	AR(2)	-0.364	0.069	-5.274	0.00%

Commercial/Transport Customers

Line No.	Model Statistics	
1	Iterations	18
2	Adjusted Observations	195
3	Deg. of Freedom for Error	178
4	R-Squared	1.000
5	Adjusted R-Squared	1.000
6	AIC	8.412
7	BIC	8.698
8	F-Statistic	29878.91
9	Prob (F-Statistic)	0
10	Log-Likelihood	-1,079.89
11	Model Sum of Squares	1,980,513,914.53
12	Sum of Squared Errors	737,416.99
13	Mean Squared Error	4,142.79
14	Std. Error of Regression	64.36
15	Mean Abs. Dev. (MAD)	46.31
16	Mean Abs. % Err. (MAPE)	0.04%
17	Durbin-Watson Statistic	2.016
18	Durbin-H Statistic	
19	Ljung-Box Statistic	31.87
20	Prob (Ljung-Box)	0.1302
21	Skewness	0.245
22	Kurtosis	3.934
23	Jarque-Bera	9.047
24	Prob (Jarque-Bera)	0.0109

Commercial/Transport Customers

Line No.	Year	Month	Actual	Pred	Resid	%Resid	StdResid
1	2005	1	98,145.000				
2	2005	2	98,373.000				
3	2005	3	98,501.000	98,552.463	-51.463	-0.001	-0.800
4	2005	4	98,405.000	98,533.249	-128.249	-0.001	-1.993
5	2005	5	98,339.000	98,338.311	0.689	0.000	0.011
6	2005	6	98,321.000	98,296.963	24.037	0.000	0.373
7	2005	7	98,211.000	98,309.779	-98.779	-0.001	-1.535
8	2005	8	98,306.000	98,235.989	70.011	0.001	1.088
9	2005	9	98,277.000	98,383.281	-106.281	-0.001	-1.651
10	2005	10	98,525.000	98,541.150	-16.150	-0.000	-0.251
11	2005	11	98,637.000	98,786.631	-149.631	-0.002	-2.325
12	2005	12	99,020.000	98,866.407	153.593	0.002	2.386
13	2006	1	99,312.000	99,353.128	-41.128	-0.000	-0.639
14	2006	2	99,412.000	99,469.162	-57.162	-0.001	-0.888
15	2006	3	99,528.000	99,545.808	-17.808	-0.000	-0.277
16	2006	4	99,487.000	99,557.224	-70.224	-0.001	-1.091
17	2006	5	99,588.000	99,441.006	146.994	0.001	2.284
18	2006	6	99,432.000	99,591.066	-159.066	-0.002	-2.471
19	2006	7	99,413.000	99,362.338	50.662	0.001	0.787
20	2006	8	99,551.000	99,461.342	89.658	0.001	1.393
21	2006	9	99,747.000	99,633.519	113.481	0.001	1.763
22	2006	10	100,300.000	100,078.903	221.097	0.002	3.435
23	2006	11	100,548.000	100,653.508	-105.508	-0.001	-1.639
24	2006	12	100,723.000	100,805.660	-82.660	-0.001	-1.284
25	2007	1	101,077.000	100,962.777	114.223	0.001	1.775
26	2007	2	101,303.000	101,237.985	65.015	0.001	1.010
27	2007	3	101,486.000	101,461.871	24.129	0.000	0.375
28	2007	4	101,542.000	101,517.780	24.220	0.000	0.376
29	2007	5	101,525.000	101,507.919	17.081	0.000	0.265
30	2007	6	101,450.000	101,460.428	-10.428	-0.000	-0.162
31	2007	7	101,388.000	101,384.921	3.079	0.000	0.048
32	2007	8	101,344.000	101,396.536	-52.536	-0.001	-0.816
33	2007	9	101,316.000	101,339.150	-23.150	-0.000	-0.360
34	2007	10	101,626.000	101,548.919	77.081	0.001	1.198
35	2007	11	101,890.000	101,877.582	12.418	0.000	0.193
36	2007	12	102,153.000	102,139.606	13.394	0.000	0.208
37	2008	1	102,386.000	102,409.439	-23.439	-0.000	-0.364
38	2008	2	102,437.000	102,489.637	-52.637	-0.001	-0.818
39	2008	3	102,548.000	102,521.744	26.256	0.000	0.408

Commercial/Transport Customers

Line No.	Year	Month	Actual	Pred	Resid	%Resid	StdResid
40	2008	4	102,573.000	102,544.259	28.741	0.000	0.447
41	2008	5	102,484.000	102,518.793	-34.793	-0.000	-0.541
42	2008	6	102,369.000	102,385.822	-16.822	-0.000	-0.261
43	2008	7	102,348.000	102,282.496	65.504	0.001	1.018
44	2008	8	102,502.000	102,363.873	138.127	0.001	2.146
45	2008	9	102,578.000	102,558.304	19.696	0.000	0.306
46	2008	10	102,927.000	102,836.186	90.814	0.001	1.411
47	2008	11	103,332.000	103,179.569	152.431	0.001	2.368
48	2008	12	103,729.000	103,617.352	111.648	0.001	1.735
49	2009	1	103,972.000	104,016.433	-44.433	-0.000	-0.690
50	2009	2	104,041.000	104,061.379	-20.379	-0.000	-0.317
51	2009	3	104,135.000	104,114.087	20.913	0.000	0.325
52	2009	4	104,120.000	104,107.146	12.854	0.000	0.200
53	2009	5	103,988.000	104,033.962	-45.962	-0.000	-0.714
54	2009	6	103,403.000	103,581.338	-178.338	-0.002	-2.771
55	2009	7	103,371.000	103,499.688	-128.688	-0.001	-1.999
56	2009	8	103,286.000	103,272.302	13.698	0.000	0.213
57	2009	9	103,288.000	103,247.430	40.570	0.000	0.630
58	2009	10	103,576.000	103,512.418	63.582	0.001	0.988
59	2009	11	103,783.000	103,800.439	-17.439	-0.000	-0.271
60	2009	12	104,008.000	103,993.575	14.425	0.000	0.224
61	2010	1	104,249.000	104,232.838	16.162	0.000	0.251
62	2010	2	104,339.000	104,337.528	1.472	0.000	0.023
63	2010	3	104,427.000	104,417.340	9.660	0.000	0.150
64	2010	4	104,337.000	104,395.228	-58.228	-0.001	-0.905
65	2010	5	104,178.000	104,223.073	-45.073	-0.000	-0.700
66	2010	6	104,122.000	104,046.568	75.432	0.001	1.172
67	2010	7	104,004.000	104,044.884	-40.884	-0.000	-0.635
68	2010	8	103,958.000	103,974.161	-16.161	-0.000	-0.251
69	2010	9	103,973.000	103,934.446	38.554	0.000	0.599
70	2010	10	104,131.000	104,202.876	-71.876	-0.001	-1.117
71	2010	11	104,637.000	104,487.102	149.898	0.001	2.329
72	2010	12	104,833.000	104,717.415	115.585	0.001	1.796
73	2011	1	105,126.000	105,110.018	15.982	0.000	0.248
74	2011	2	105,268.000	105,231.446	36.554	0.000	0.568
75	2011	3	105,346.000	105,364.340	-18.340	-0.000	-0.285
76	2011	4	105,337.000	105,309.327	27.673	0.000	0.430
77	2011	5	105,210.000	105,250.062	-40.062	-0.000	-0.622
78	2011	6	105,100.000	105,077.829	22.171	0.000	0.344

Commercial/Transport Customers

Line No.	Year	Month	Actual	Pred	Resid	%Resid	StdResid
79	2011	7	104,973.000	104,995.212	-22.212	-0.000	-0.345
80	2011	8	104,913.000	104,931.976	-18.976	-0.000	-0.295
81	2011	9	104,832.000	104,876.653	-44.653	-0.000	-0.694
82	2011	10	105,052.000	105,020.828	31.172	0.000	0.484
83	2011	11	105,300.000	105,247.504	52.496	0.000	0.816
84	2011	12	105,502.000	105,520.680	-18.680	-0.000	-0.290
85	2012	1	105,648.000	105,714.142	-66.142	-0.001	-1.028
86	2012	2	105,650.000	105,699.303	-49.303	-0.000	-0.766
87	2012	3	105,638.000	105,697.015	-59.015	-0.001	-0.917
88	2012	4	105,541.000	105,571.633	-30.633	-0.000	-0.476
89	2012	5	105,387.000	105,426.518	-39.518	-0.000	-0.614
90	2012	6	105,215.000	105,252.793	-37.793	-0.000	-0.587
91	2012	7	105,085.000	105,095.439	-10.439	-0.000	-0.162
92	2012	8	105,070.000	105,050.728	19.272	0.000	0.299
93	2012	9	104,996.000	105,057.146	-61.146	-0.001	-0.950
94	2012	10	105,284.000	105,194.421	89.579	0.001	1.392
95	2012	11	105,459.000	105,510.186	-51.186	-0.000	-0.795
96	2012	12	105,594.000	105,660.331	-66.331	-0.001	-1.031
97	2013	1	105,816.000	105,790.100	25.900	0.000	0.402
98	2013	2	105,894.000	105,902.028	-8.028	-0.000	-0.125
99	2013	3	105,934.000	105,974.523	-40.523	-0.000	-0.630
100	2013	4	105,871.000	105,891.594	-20.594	-0.000	-0.320
101	2013	5	105,731.000	105,773.407	-42.407	-0.000	-0.659
102	2013	6	105,625.000	105,607.262	17.738	0.000	0.276
103	2013	7	105,542.000	105,533.394	8.606	0.000	0.134
104	2013	8	105,524.000	105,528.052	-4.052	-0.000	-0.063
105	2013	9	105,540.000	105,513.389	26.611	0.000	0.413
106	2013	10	105,740.000	105,773.043	-33.043	-0.000	-0.513
107	2013	11	105,951.000	105,937.589	13.411	0.000	0.208
108	2013	12	106,116.000	106,168.266	-52.266	-0.000	-0.812
109	2014	1	106,244.000	106,325.409	-81.409	-0.001	-1.265
110	2014	2	106,284.000	106,299.845	-15.845	-0.000	-0.246
111	2014	3	106,324.000	106,355.366	-31.366	-0.000	-0.487
112	2014	4	106,276.000	106,286.296	-10.296	-0.000	-0.160
113	2014	5	106,212.000	106,188.362	23.638	0.000	0.367
114	2014	6	106,210.000	106,125.436	84.564	0.001	1.314
115	2014	7	106,165.000	106,161.922	3.078	0.000	0.048
116	2014	8	106,152.000	106,170.113	-18.113	-0.000	-0.281
117	2014	9	106,175.000	106,148.520	26.480	0.000	0.411

Commercial/Transport Customers

Line No.	Year	Month	Actual	Pred	Resid	%Resid	StdResid
118	2014	10	106,285.000	106,415.934	-130.934	-0.001	-2.034
119	2014	11	106,517.000	106,456.842	60.158	0.001	0.935
120	2014	12	106,639.000	106,748.673	-109.673	-0.001	-1.704
121	2015	1	106,848.000	106,840.403	7.597	0.000	0.118
122	2015	2	106,885.000	106,939.737	-54.737	-0.001	-0.850
123	2015	3	107,006.000	106,961.920	44.080	0.000	0.685
124	2015	4	106,910.000	107,003.207	-93.207	-0.001	-1.448
125	2015	5	106,827.000	106,811.313	15.687	0.000	0.244
126	2015	6	106,787.000	106,716.322	70.678	0.001	1.098
127	2015	7	106,646.000	106,717.025	-71.025	-0.001	-1.103
128	2015	8	106,608.000	106,609.459	-1.459	-0.000	-0.023
129	2015	9	106,562.000	106,588.839	-26.839	-0.000	-0.417
130	2015	10	106,709.000	106,772.143	-63.143	-0.001	-0.981
131	2015	11	106,860.000	106,887.731	-27.731	-0.000	-0.431
132	2015	12	107,058.000	107,056.748	1.252	0.000	0.019
133	2016	1	107,292.000	107,280.059	11.941	0.000	0.186
134	2016	2	107,385.000	107,385.198	-0.198	-0.000	-0.003
135	2016	3	107,457.000	107,473.486	-16.486	-0.000	-0.256
136	2016	4	107,450.000	107,428.160	21.840	0.000	0.339
137	2016	5	107,400.000	107,373.728	26.272	0.000	0.408
138	2016	6	107,322.000	107,296.666	25.334	0.000	0.394
139	2016	7	107,284.000	107,231.828	52.172	0.000	0.811
140	2016	8	107,285.000	107,276.684	8.316	0.000	0.129
141	2016	9	107,262.000	107,271.013	-9.013	-0.000	-0.140
142	2016	10	107,420.000	107,470.978	-50.978	-0.000	-0.792
143	2016	11	107,585.000	107,592.877	-7.877	-0.000	-0.122
144	2016	12	107,878.000	107,776.608	101.392	0.001	1.575
145	2017	1	108,067.000	108,122.662	-55.662	-0.001	-0.865
146	2017	2	108,110.000	108,132.499	-22.499	-0.000	-0.350
147	2017	3	108,148.000	108,169.642	-21.642	-0.000	-0.336
148	2017	4	108,110.000	108,096.542	13.458	0.000	0.209
149	2017	5	108,046.000	108,012.562	33.438	0.000	0.520
150	2017	6	107,967.000	107,942.477	24.523	0.000	0.381
151	2017	7	107,908.000	107,876.126	31.874	0.000	0.495
152	2017	8	107,804.000	107,893.150	-89.150	-0.001	-1.385
153	2017	9	107,786.000	107,753.758	32.242	0.000	0.501
154	2017	10	107,922.000	107,998.722	-76.722	-0.001	-1.192
155	2017	11	108,088.000	108,089.260	-1.260	-0.000	-0.020
156	2017	12	108,334.000	108,282.431	51.569	0.000	0.801

Commercial/Transport Customers

Line No.	Year	Month	Actual	Pred	Resid	%Resid	StdResid
157	2018	1	108,568.000	108,564.900	3.100	0.000	0.048
158	2018	2	108,640.000	108,652.537	-12.537	-0.000	-0.195
159	2018	3	108,742.000	108,712.483	29.517	0.000	0.459
160	2018	4	108,783.000	108,715.153	67.847	0.001	1.054
161	2018	5	108,636.000	108,714.426	-78.426	-0.001	-1.218
162	2018	6	108,471.000	108,488.740	-17.740	-0.000	-0.276
163	2018	7	108,479.000	108,342.066	136.934	0.001	2.127
164	2018	8	108,432.000	108,480.457	-48.457	-0.000	-0.753
165	2018	9	108,394.000	108,393.342	0.658	0.000	0.010
166	2018	10	108,617.000	108,590.488	26.512	0.000	0.412
167	2018	11	108,756.000	108,805.344	-49.344	-0.000	-0.767
168	2018	12	108,890.000	108,930.362	-40.362	-0.000	-0.627
169	2019	1	109,113.000	109,071.612	41.388	0.000	0.643
170	2019	2	109,204.000	109,184.991	19.009	0.000	0.295
171	2019	3	109,255.000	109,274.378	-19.378	-0.000	-0.301
172	2019	4	109,283.000	109,201.282	81.718	0.001	1.270
173	2019	5	109,195.000	109,201.428	-6.428	-0.000	-0.100
174	2019	6	109,116.000	109,067.221	48.779	0.000	0.758
175	2019	7	109,066.000	109,012.222	53.778	0.000	0.836
176	2019	8	109,029.000	109,041.183	-12.183	-0.000	-0.189
177	2019	9	109,071.000	108,990.618	80.382	0.001	1.249
178	2019	10	109,298.000	109,291.164	6.836	0.000	0.106
179	2019	11	109,492.000	109,482.328	9.672	0.000	0.150
180	2019	12	109,581.000	109,677.036	-96.036	-0.001	-1.492
181	2020	1	109,730.000	109,738.696	-8.696	-0.000	-0.135
182	2020	2	109,772.000	109,768.698	3.302	0.000	0.051
183	2020	3	109,794.000	109,807.409	-13.409	-0.000	-0.208
184	2020	4	109,737.000	109,717.010	19.990	0.000	0.311
185	2020	5	109,635.000	109,612.954	22.046	0.000	0.343
186	2020	6	109,597.000	109,494.016	102.984	0.001	1.600
187	2020	7	109,542.000	109,497.899	44.101	0.000	0.685
188	2020	8	109,506.000	109,505.041	0.959	0.000	0.015
189	2020	9	109,427.000	109,455.915	-28.915	-0.000	-0.449
190	2020	10	109,504.000	109,593.452	-89.452	-0.001	-1.390
191	2020	11	109,645.000	109,626.326	18.674	0.000	0.290
192	2020	12	109,726.000	109,808.128	-82.128	-0.001	-1.276
193	2021	1	109,853.000	109,876.625	-23.625	-0.000	-0.367
194	2021	2	109,939.000	109,879.762	59.238	0.001	0.920
195	2021	3	110,029.000	109,999.324	29.676	0.000	0.461

Commercial/Transport Customers

Line No.	Year	Month	Actual	Pred	Resid	%Resid	StdResid
196	2021	4	110,002.000	109,979.638	22.362	0.000	0.347
197	2021	5	110,024.000	110,024.000	-0.000	-0.000	-0.000
198	2021	6		109,883.315			
199	2021	7		109,751.851			
200	2021	8		109,693.413			
201	2021	9		109,642.832			
202	2021	10		109,826.604			
203	2021	11		109,993.098			
204	2021	12		110,171.361			
205	2022	1		110,361.447			
206	2022	2		110,414.341			
207	2022	3		110,464.677			
208	2022	4		110,404.351			
209	2022	5		110,285.702			
210	2022	6		110,144.943			
211	2022	7		110,016.907			
212	2022	8		109,963.188			
213	2022	9		109,916.944			
214	2022	10		110,105.211			
215	2022	11		110,276.244			
216	2022	12		110,458.142			