Name of Variable = AC_POWER	
Period(s) of Differencing	96
Mean of Working Series	-89.6507
Standard Deviation	3312.438
Number of Observations	3168
Observation(s) eliminated by differencing	96

Autocorrelation Check for White Noise									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	3060.33	6	<.0001	0.650	0.438	0.356	0.301	0.284	0.228
12	3425.54	12	<.0001	0.169	0.159	0.162	0.151	0.100	0.043
18	3444.90	18	<.0001	0.030	0.036	0.031	0.006	-0.023	-0.048
24	3471.77	24	<.0001	-0.056	-0.056	-0.032	-0.027	-0.014	-0.011

Variable AMBIENT_TEMPERATURE has been differenced.

Correlation of AC_POWER and AMBIENT_TEMPERATURE	
Period(s) of Differencing	96
Variance of input =	4.113352
Number of Observations	3168
Observation(s) eliminated by differencing	96

Variable MODULE_TEMPERATURE has been differenced.

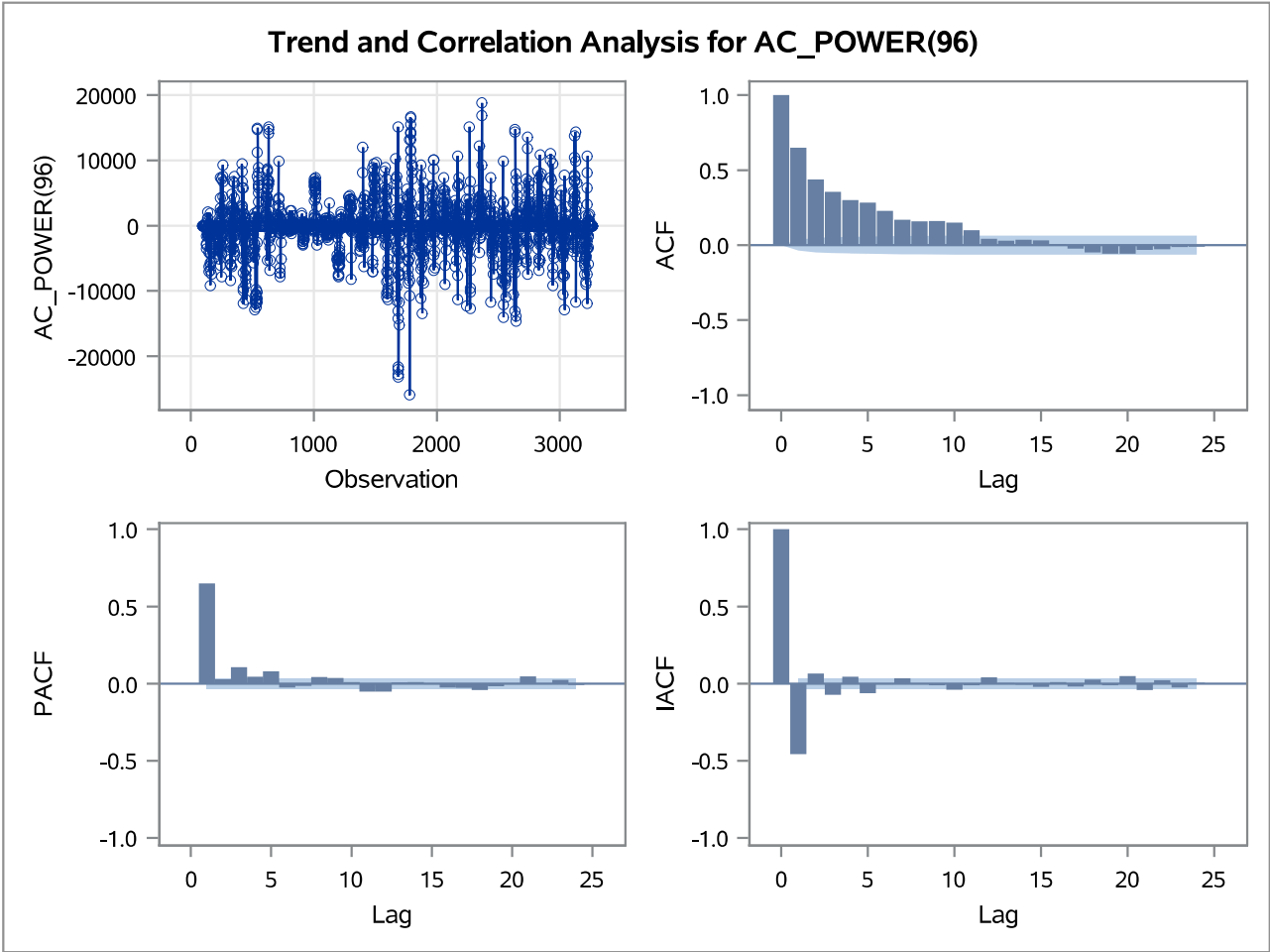| Correlation of AC_POWER and MODULE_TEMPERATURE	
Period(s) of Differencing	96
Variance of input =	25.05065
Number of Observations	3168
Observation(s) eliminated by differencing	96

Variable IRRADIATION has been differenced.

Correlation of AC_POWER and IRRADIATION	
Period(s) of Differencing	96
Variance of input =	0.017124
Number of Observations	3168
Observation(s) eliminated by differencing	96

Variable Humidity(%) has been differenced.

Correlation of AC_POWER and Humidity(%%)	
Period(s) of Differencing	96
Variance of input =	66.43676
Number of Observations	3168
Observation(s) eliminated by differencing	96

Variable Wind Speed(mph) has been differenced.

Correlation of AC_POWER and Wind Speed(mph)	
Period(s) of Differencing	96
Variance of input =	15.52752
Number of Observations	3168
Observation(s) eliminated by differencing	96

Trend and Correlation Analysis for AC_POWER(96)

Cross Correlation Analysis for AC_POWER(96)
with Two Standard Error Limits

Cross Correlations of AC_POWER(96) and Wind Speed(mph)(96)
with Two Standard Error Limits
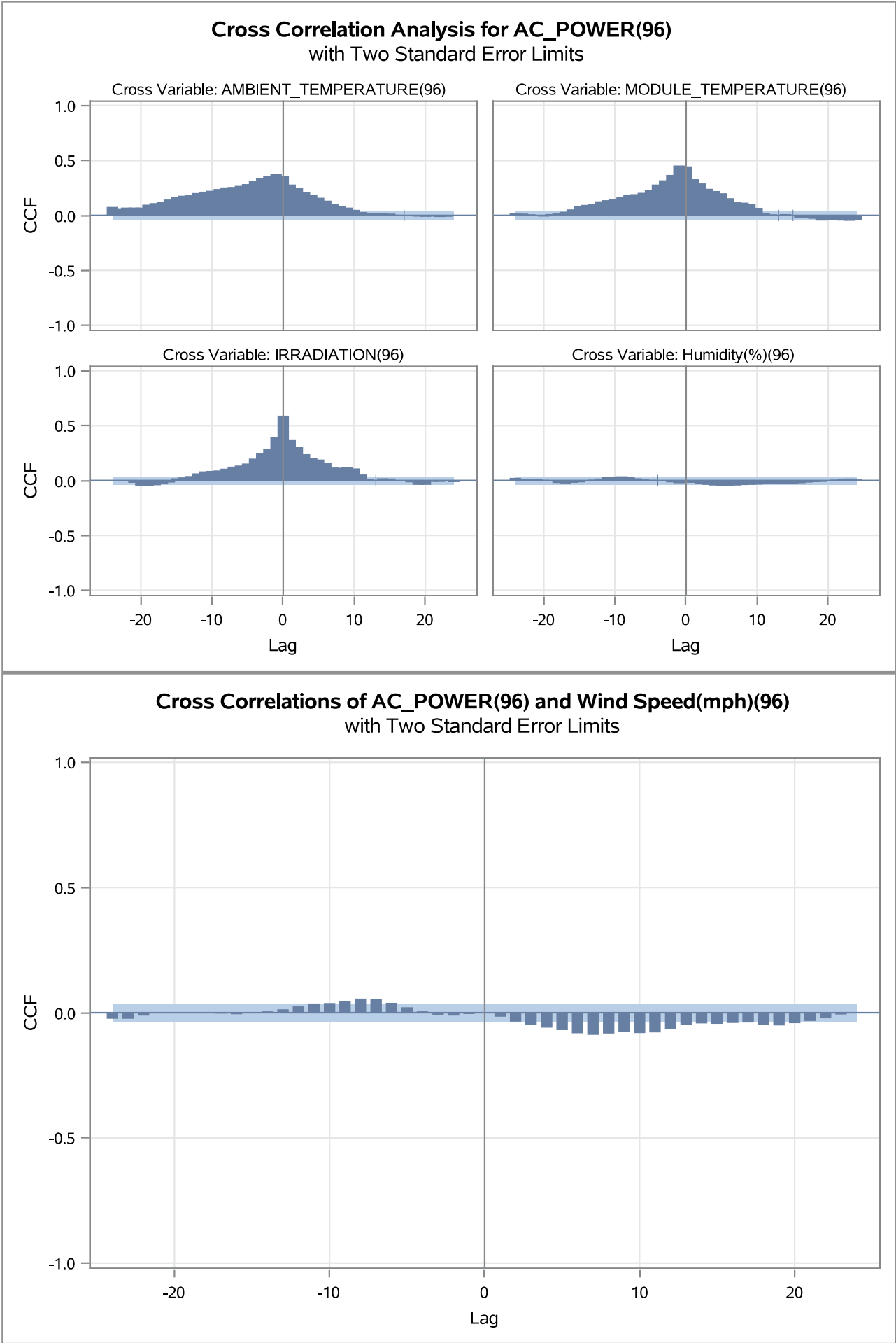
Maximum Likelihood Estimation							
Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag	Variable	Shift
MU	22.89661	99.22859	0.23	0.8175	0	AC_POWER	0
MA1,1	-0.08080	0.02673	-3.02	0.0025	1	AC_POWER	0
AR1,1	0.62597	0.02079	30.11	<.0001	1	AC_POWER	0
NUM1	886.39078	72.47635	12.23	<.0001	0	AMBIENT_TEMPERATURE	0
NUM2	-488.62100	70.35491	-6.95	<.0001	0	AMBIENT_TEMPERATURE	1
NUM3	-407.36771	25.10874	-16.22	<.0001	0	MODULE_TEMPERATURE	0
NUM4	166.30141	20.34881	8.17	<.0001	0	MODULE_TEMPERATURE	1
NUM5	20645.4	501.78329	41.14	<.0001	0	IRRADIATION	0
NUM6	3.11493	10.07618	0.31	0.7572	0	Humidity(%)	0
NUM7	21.92447	21.65502	1.01	0.3113	0	Wind Speed(mph)	0
NUM8	-4.11678	25.99171	-0.16	0.8742	0	Wind Speed(mph)	1
NUM9	-32.47554	21.67157	-1.50	0.1340	0	Wind Speed(mph)	2

Constant Estimate	8.564104
Variance Estimate	3706751
Std Error Estimate	1925.293
AIC	56885.16
SBC	56957.88
Number of Residuals	3166

Variable Parameter		AC_POWER MU	AC_POWER MA1,1	AC_POWER AR1,1	AMBIENT_TEMPERATURE NUM1	AMBIENT_TEMPERATURE NUM2
AC_POWER	MU	1.000	0.001	-0.002	0.034	0.030
AC_POWER	MA1,1	0.001	1.000	0.743	0.105	-0.087
AC_POWER	AR1,1	-0.002	0.743	1.000	0.054	-0.068
AMBIENT_TEMPERATURE	NUM1	0.034	0.105	0.054	1.000	-0.570
AMBIENT_TEMPERATURE	NUM2	0.030	-0.087	-0.068	-0.570	1.000
MODULE_TEMPERATURE	NUM3	-0.017	-0.148	-0.093	-0.683	0.337
MODULE_TEMPERATURE	NUM4	-0.011	0.100	0.087	0.313	-0.711
IRRADIATION	NUM5	0.011	0.098	0.081	0.179	-0.116
Humidity(%)	NUM6	-0.045	-0.006	0.027	-0.036	0.024
Wind Speed(mph)	NUM7	-0.001	-0.000	0.000	-0.062	0.041
Wind Speed(mph)	NUM8	0.001	0.001	-0.002	0.084	-0.058
Wind Speed(mph)	NUM9	-0.002	-0.008	-0.004	-0.101	0.066

Correlations of Parameter Estimates

Correlations of Parameter Estimates				
Variable Parameter	MODULE_TEMPERATURE NUM3	MODULE_TEMPERATURE NUM4	IRRADIATION NUM5	Humidity(%) NUM6
AC_POWER MU	-0.017	-0.011	0.011	-0.045
AC_POWER MA1,1	-0.148	0.100	0.098	-0.006
AC_POWER AR1,1	-0.093	0.087	0.081	0.027
AMBIENT_TEMPERATURE NUM1	-0.683	0.313	0.179	-0.036
AMBIENT_TEMPERATURE NUM2	0.337	-0.711	-0.116	0.024
MODULE_TEMPERATURE NUM3	1.000	-0.401	-0.620	0.025
MODULE_TEMPERATURE NUM4	-0.401	1.000	0.322	-0.004
IRRADIATION NUM5	-0.620	0.322	1.000	-0.007
Humidity(%) NUM6	0.025	-0.004	-0.007	1.000
Wind Speed(mph) NUM7	0.021	0.028	-0.014	0.024
Wind Speed(mph) NUM8	-0.026	-0.017	-0.010	-0.004
Wind Speed(mph) NUM9	0.060	-0.006	-0.002	0.010

Correlations of Parameter Estimates			
Variable Parameter	Wind Speed(mph) NUM7	Wind Speed(mph) NUM8	Wind Speed(mph) NUM9
AC_POWER MU	-0.001	0.001	-0.002
AC_POWER MA1,1	-0.000	0.001	-0.008
AC_POWER AR1,1	0.000	-0.002	-0.004
AMBIENT_TEMPERATURE NUM1	-0.062	0.084	-0.101
AMBIENT_TEMPERATURE NUM2	0.041	-0.058	0.066
MODULE_TEMPERATURE NUM3	0.021	-0.026	0.060
MODULE_TEMPERATURE NUM4	0.028	-0.017	-0.006
IRRADIATION NUM5	-0.014	-0.010	-0.002
Humidity(%) NUM6	0.024	-0.004	0.010
Wind Speed(mph) NUM7	1.000	-0.601	0.279
Wind Speed(mph) NUM8	-0.601	1.000	-0.601
Wind Speed(mph) NUM9	0.279	-0.601	1.000

Autocorrelation Check of Residuals									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	103.26	4	<.0001	-0.006	-0.076	0.035	0.048	0.150	0.027
12	138.62	10	<.0001	-0.021	0.027	0.059	0.066	0.043	-0.015
18	153.00	16	<.0001	0.004	0.043	0.012	0.032	-0.017	-0.035
24	162.68	22	<.0001	0.016	-0.002	0.005	-0.034	0.015	0.037
30	167.95	28	<.0001	-0.037	-0.006	0.009	-0.009	0.007	-0.002
36	170.19	34	<.0001	-0.019	0.001	0.008	-0.011	0.009	-0.008
42	170.45	40	<.0001	0.001	0.002	0.004	-0.008	0.001	-0.002
48	170.80	46	<.0001	0.009	0.001	-0.003	-0.001	0.005	0.002

Residual Correlation Diagnostics for AC_POWER(96)

Residual Normality Diagnostics for AC_POWER(96)

Distribution of Residuals for AC_POWER(96)

Residual Q-Q Plot for AC_POWER(96)
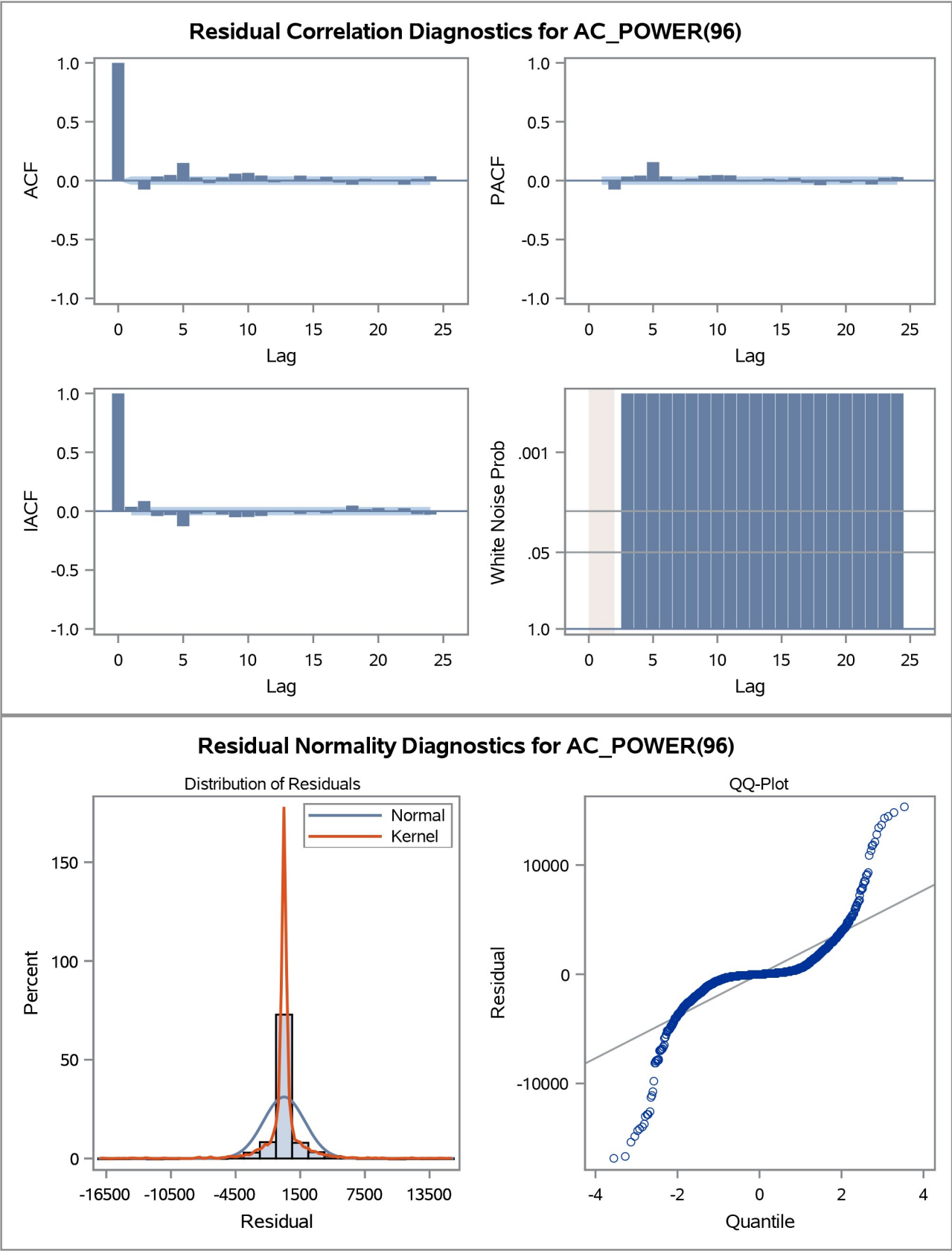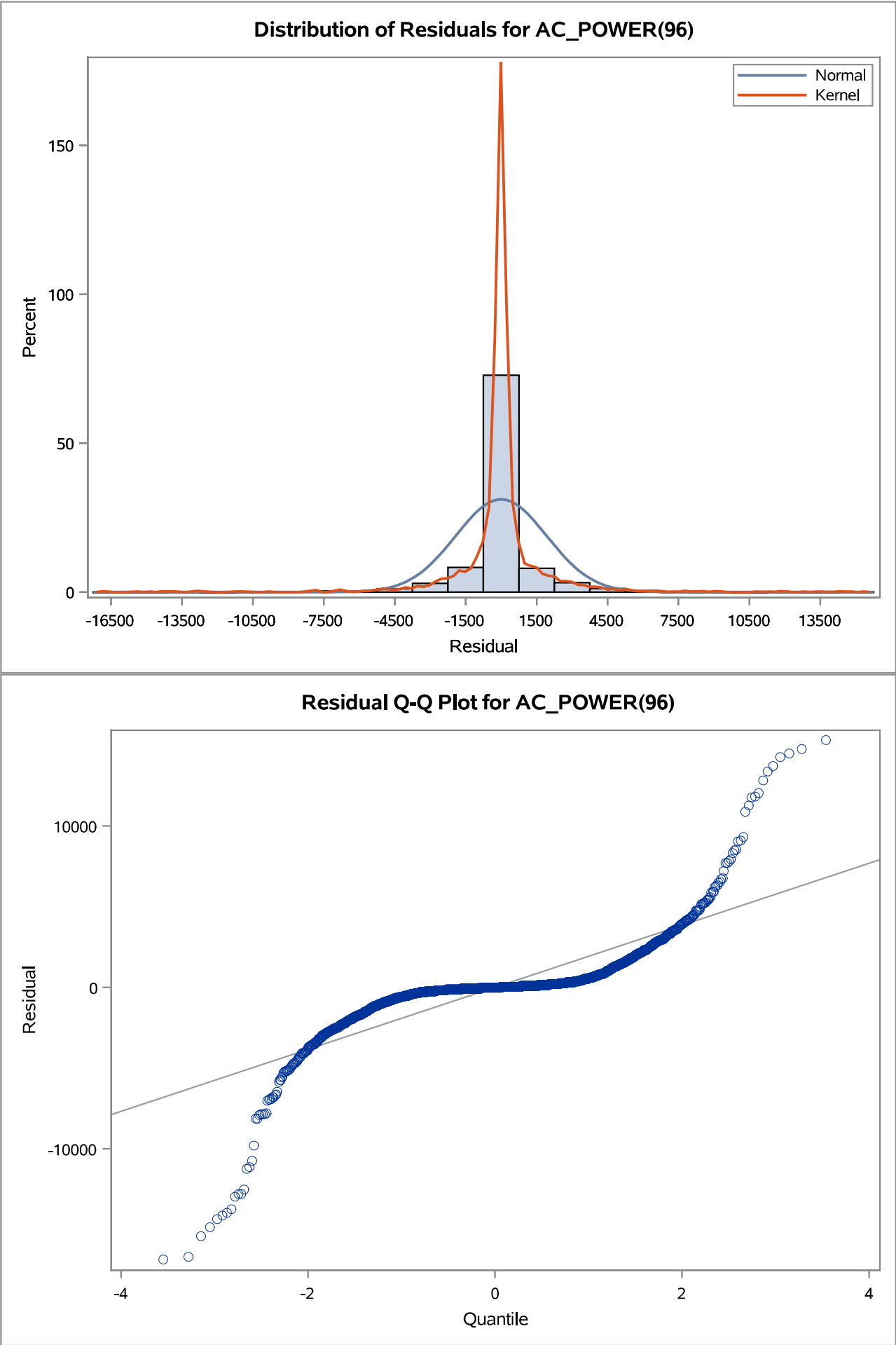
Model for variable AC_POWER	
Estimated Intercept	22.89661
Period(s) of Differencing	96

Autoregressive Factors	
Factor 1:	1 - 0.62597 B**(1)

Moving Average Factors	
Factor 1:	1 + 0.0808 B**(1)

Input Number 1	
Input Variable	AMBIENT_TEMPERATURE
Period(s) of Differencing	96
Overall Regression Factor	886.3908

Input Number 2	
Input Variable	AMBIENT_TEMPERATURE
Shift	1
Period(s) of Differencing	96
Overall Regression Factor	-488.621

Input Number 3	
Input Variable	MODULE_TEMPERATURE
Period(s) of Differencing	96
Overall Regression Factor	-407.368

Input Number 4	
Input Variable	MODULE_TEMPERATURE
Shift	1
Period(s) of Differencing	96
Overall Regression Factor	166.3014

Input Number 5	
Input Variable	IRRADIATION
Period(s) of Differencing	96
Overall Regression Factor	20645.39

Input Number 6	
Input Variable	Humidity(%)
Period(s) of Differencing	96
Overall Regression Factor	3.114931

Input Number 7	
Input Variable	Wind Speed(mph)
Period(s) of Differencing	96
Overall Regression Factor	21.92447

Input Number 8	
Input Variable	Wind Speed(mph)
Shift	1
Period(s) of Differencing	96
Overall Regression Factor	-4.11678

Input Number 9	
Input Variable	Wind Speed(mph)
Shift	2
Period(s) of Differencing	96
Overall Regression Factor	-32.4755

Warning: More values of input variable AMBIENT_TEMPERATURE are needed.

Warning: More values of input variable AMBIENT_TEMPERATURE are needed.

Warning: More values of input variable MODULE_TEMPERATURE are needed.

Warning: More values of input variable MODULE_TEMPERATURE are needed.

Warning: More values of input variable IRRADIATION are needed.

Warning: More values of input variable 'Humidity(%)'n are needed.

Warning: More values of input variable 'Wind Speed(mph)'n are needed.

Warning: More values of input variable 'Wind Speed(mph)'n are needed.

Warning: More values of input variable 'Wind Speed(mph)'n are needed.

The value for option LEAD= has been reduced to 0.

			Forecasts for variable AC_POWER			
Obs	Forecast	Std Error	95% Confidence Limits		Actual	Residual
99	-113.8926	2598.3206	-5206.5074	4978.7222	0.0000	113.8926
100	116.5180	1928.1243	-3662.5363	3895.5722	0.0000	-116.5180
101	111.9987	1925.3110	-3661.5414	3885.5388	0.0000	-111.9987
102	186.8639	1925.2925	-3586.6401	3960.3679	0.0000	-186.8639
103	-40.5338	1925.2925	-3814.0378	3732.9702	0.0000	40.5338
104	69.2874	1925.2925	-3704.2166	3842.7914	0.0000	-69.2874
105	-185.2619	1925.2925	-3958.7659	3588.2420	0.0000	185.2619
106	202.1384	1925.2925	-3571.3656	3975.6424	0.0000	-202.1384
107	12.3942	1925.2925	-3761.1097	3785.8982	0.0000	-12.3942
108	-203.9307	1925.2925	-3977.4347	3569.5733	0.0000	203.9307
109	-47.6041	1925.2925	-3821.1081	3725.8999	0.0000	47.6041
110	20.3700	1925.2925	-3753.1340	3793.8740	0.0000	-20.3700
111	229.0251	1925.2925	-3544.4789	4002.5291	0.0000	-229.0251
112	49.8299	1925.2925	-3723.6741	3823.3338	0.0000	-49.8299
113	-8.3475	1925.2925	-3781.8515	3765.1565	0.0000	8.3475
114	-194.3165	1925.2925	-3967.8205	3579.1875	0.0000	194.3165
115	161.1193	1925.2925	-3612.3847	3934.6233	0.0000	-161.1193
116	44.2175	1925.2925	-3729.2865	3817.7215	0.0000	-44.2175
117	-143.2606	1925.2925	-3916.7645	3630.2434	0.0000	143.2606
118	-18.1754	1925.2925	-3791.6794	3755.3286	0.0000	18.1754
119	46.3859	1925.2925	-3727.1181	3819.8899	0.0000	-46.3859
120	185.9044	1925.2925	-3587.5996	3959.4083	0.0000	-185.9044
121	678.6124	1925.2925	-3094.8916	4452.1163	302.6719	-375.9404
122	668.8713	1925.2925	-3104.6327	4442.3753	998.9067	330.0354
123	1899.6544	1925.2925	-1873.8495	5673.1584	1836.4486	-63.2059
124	3411.6346	1925.2925	-361.8694	7185.1385	2715.6867	-695.9479
125	5167.6908	1925.2925	1394.1868	8941.1948	3625.8438	-1541.8470
126	5526.0488	1925.2925	1752.5448	9299.5528	5433.6048	-92.4440
127	9013.9148	1925.2925	5240.4108	12787.4188	8408.2333	-605.6815
128	7659.8312	1925.2925	3886.3272	11433.3352	8324.6024	664.7712
129	10940.5293	1925.2925	7167.0254	14714.0333	11720.8733	780.3440
130	12728.5725	1925.2925	8955.0685	16502.0765	13420.2119	691.6394
131	14662.3544	1925.2925	10888.8504	18435.8584	15192.7914	530.4370
132	16043.8246	1925.2925	12270.3206	19817.3286	16185.9333	142.1087
133	17405.9712	1925.2925	13632.4672	21179.4752	18243.1976	837.2264
134	19455.5319	1925.2925	15682.0279	23229.0359	19529.9786	74.4466
135	17789.0810	1925.2925	14015.5770	21562.5850	20727.3414	2938.2604

			Forecasts for variable AC_POWER			
Obs	**Forecast**	**Std Error**	**95% Confidence Limits**		**Actual**	**Residual**
136	18553.8596	1925.2925	14780.3556	22327.3636	20661.1090	2107.2495
137	18671.6864	1925.2925	14898.1824	22445.1904	17418.5333	-1253.1531
138	14959.3170	1925.2925	11185.8130	18732.8210	18185.2924	3225.9754
139	18161.3262	1925.2925	14387.8222	21934.8302	16192.3386	-1968.9876
140	15755.0412	1925.2925	11981.5372	19528.5452	16632.6319	877.5907
141	15738.9062	1925.2925	11965.4022	19512.4102	17139.9838	1401.0776
142	16792.5795	1925.2925	13019.0755	20566.0835	17346.8324	554.2528
143	17129.4287	1925.2925	13355.9247	20902.9327	17839.4400	710.0113
144	16829.4745	1925.2925	13055.9705	20602.9785	17051.1429	221.6684
145	17046.5932	1925.2925	13273.0892	20820.0972	15727.6990	-1318.8942
146	8633.3968	1925.2925	4859.8928	12406.9008	13366.5010	4733.1041
147	17505.1974	1925.2925	13731.6934	21278.7014	15586.7943	-1918.4031
148	8506.8074	1925.2925	4733.3034	12280.3114	10827.9343	2321.1269
149	16241.5225	1925.2925	12468.0185	20015.0265	15991.5967	-249.9258
150	13358.7758	1925.2925	9585.2718	17132.2798	16168.6200	2809.8442
151	19417.9711	1925.2925	15644.4671	23191.4751	17497.0019	-1920.9692
152	8831.9876	1925.2925	5058.4836	12605.4916	10322.6619	1490.6743
153	16196.3000	1925.2925	12422.7960	19969.8039	13678.7067	-2517.5933
154	14994.9402	1925.2925	11221.4362	18768.4442	18474.9281	3479.9879
155	19327.4270	1925.2925	15553.9230	23100.9310	18605.3371	-722.0899
156	13749.7265	1925.2925	9976.2225	17523.2305	13503.7262	-246.0003
157	16271.3724	1925.2925	12497.8684	20044.8764	13624.5862	-2646.7862
158	11459.3406	1925.2925	7685.8366	15232.8446	9587.3933	-1871.9473
159	9729.9358	1925.2925	5956.4319	13503.4398	12347.5676	2617.6318
160	11946.1775	1925.2925	8172.6735	15719.6815	9889.0895	-2057.0880
161	8773.4471	1925.2925	4999.9431	12546.9511	7112.2338	-1661.2133
162	5663.6504	1925.2925	1890.1464	9437.1544	6883.9729	1220.3225
163	4668.4925	1925.2925	894.9885	8441.9965	3559.8067	-1108.6858
164	3392.4299	1925.2925	-381.0741	7165.9339	2138.5529	-1253.8771
165	1708.3751	1925.2925	-2065.1289	5481.8791	2748.0790	1039.7040
166	1481.3389	1925.2925	-2292.1651	5254.8429	957.4710	-523.8680
167	483.0377	1925.2925	-3290.4663	4256.5417	338.8614	-144.1763
168	-142.3281	1925.2925	-3915.8321	3631.1759	164.0267	306.3548
169	-375.0613	1925.2925	-4148.5653	3398.4427	16.6824	391.7437
170	-213.3520	1925.2925	-3986.8560	3560.1520	0.0000	213.3520
171	107.5327	1925.2925	-3665.9713	3881.0367	0.0000	-107.5327
172	365.3055	1925.2925	-3408.1985	4138.8095	0.0000	-365.3055

	Forecasts for variable AC_POWER					
Obs	Forecast	Std Error	95% Confidence Limits		Actual	Residual
173	-338.4711	1925.2925	-4111.9751	3435.0328	0.0000	338.4711
174	-783.0436	1925.2925	-4556.5476	2990.4604	0.0000	783.0436
175	321.4341	1925.2925	-3452.0699	4094.9381	0.0000	-321.4341
176	-512.8584	1925.2925	-4286.3624	3260.6456	0.0000	512.8584
177	-750.5901	1925.2925	-4524.0941	3022.9139	0.0000	750.5901
178	-113.5231	1925.2925	-3887.0271	3659.9809	0.0000	113.5231
179	21.5237	1925.2925	-3751.9803	3795.0277	0.0000	-21.5237
180	148.2927	1925.2925	-3625.2113	3921.7967	0.0000	-148.2927
181	772.0852	1925.2925	-3001.4188	4545.5892	0.0000	-772.0852
182	13.0354	1925.2925	-3760.4686	3786.5394	0.0000	-13.0354
183	-38.4842	1925.2925	-3811.9881	3735.0198	0.0000	38.4842
184	-77.5948	1925.2925	-3851.0988	3695.9092	0.0000	77.5948
185	-17.8904	1925.2925	-3791.3944	3755.6136	0.0000	17.8904
186	-157.0473	1925.2925	-3930.5513	3616.4567	0.0000	157.0473
187	-143.5998	1925.2925	-3917.1038	3629.9042	0.0000	143.5998
188	-70.2710	1925.2925	-3843.7750	3703.2329	0.0000	70.2710
189	-77.3074	1925.2925	-3850.8114	3696.1966	0.0000	77.3074
190	2151.9684	1925.2925	-1621.5356	5925.4724	0.0000	-2151.9684
191	-2545.6683	1925.2925	-6319.1723	1227.8357	0.0000	2545.6683
192	661.5403	1925.2925	-3111.9637	4435.0443	0.0000	-661.5403
193	-385.8308	1925.2925	-4159.3348	3387.6732	0.0000	385.8308
194	-22.7514	1925.2925	-3796.2554	3750.7526	0.0000	22.7514
195	111.2110	1925.2925	-3662.2930	3884.7149	0.0000	-111.2110
196	-11.9836	1925.2925	-3785.4876	3761.5204	0.0000	11.9836
197	-101.6541	1925.2925	-3875.1581	3671.8499	0.0000	101.6541
198	-61.5086	1925.2925	-3835.0126	3711.9954	0.0000	61.5086
199	127.0167	1925.2925	-3646.4873	3900.5207	0.0000	-127.0167
200	-252.5387	1925.2925	-4026.0427	3520.9653	0.0000	252.5387
201	204.4137	1925.2925	-3569.0903	3977.9176	0.0000	-204.4137
202	-117.7107	1925.2925	-3891.2147	3655.7933	0.0000	117.7107
203	-21.0684	1925.2925	-3794.5724	3752.4356	0.0000	21.0684
204	38.0672	1925.2925	-3735.4368	3811.5712	0.0000	-38.0672
205	-160.7908	1925.2925	-3934.2948	3612.7132	0.0000	160.7908
206	159.6314	1925.2925	-3613.8726	3933.1354	0.0000	-159.6314
207	-12.3405	1925.2925	-3785.8445	3761.1635	0.0000	12.3405
208	-220.1663	1925.2925	-3993.6703	3553.3377	0.0000	220.1663
209	203.4842	1925.2925	-3570.0198	3976.9882	0.0000	-203.4842

	Forecasts for variable AC_POWER					
Obs	Forecast	Std Error	95% Confidence Limits		Actual	Residual
210	142.4790	1925.2925	-3631.0250	3915.9830	0.0000	-142.4790
211	-226.0461	1925.2925	-3999.5501	3547.4579	0.0000	226.0461
212	126.0819	1925.2925	-3647.4221	3899.5859	0.0000	-126.0819
213	96.0250	1925.2925	-3677.4790	3869.5290	0.0000	-96.0250
214	97.0818	1925.2925	-3676.4222	3870.5858	0.0000	-97.0818
215	-117.7221	1925.2925	-3891.2261	3655.7818	0.0000	117.7221
216	-15.8204	1925.2925	-3789.3244	3757.6836	0.0000	15.8204
217	-159.9304	1925.2925	-3933.4344	3613.5736	82.4200	242.3504
218	1223.5564	1925.2925	-2549.9476	4997.0604	511.9781	-711.5783
219	671.0072	1925.2925	-3102.4968	4444.5111	763.4190	92.4119
220	1478.0919	1925.2925	-2295.4121	5251.5959	911.5719	-566.5200
221	1953.8826	1925.2925	-1819.6214	5727.3866	1451.4990	-502.3835
222	2124.9642	1925.2925	-1648.5398	5898.4682	2183.9400	58.9758
223	3650.9044	1925.2925	-122.5996	7424.4084	3989.1933	338.2889
224	7816.6784	1925.2925	4043.1744	11590.1824	7145.0490	-671.6293
225	11275.2444	1925.2925	7501.7404	15048.7484	12086.6567	811.4122
226	12794.4072	1925.2925	9020.9032	16567.9112	13104.7367	310.3295
227	15349.4037	1925.2925	11575.8997	19122.9077	14295.3867	-1054.0170
228	14097.3727	1925.2925	10323.8687	17870.8767	13655.5624	-441.8103
229	16429.6461	1925.2925	12656.1421	20203.1501	15533.4129	-896.2332
230	18775.1429	1925.2925	15001.6389	22548.6469	19986.9152	1211.7723
231	20349.9241	1925.2925	16576.4201	24123.4281	16923.1081	-3426.8160
232	18355.1432	1925.2925	14581.6392	22128.6472	17327.4800	-1027.6632
233	13474.7021	1925.2925	9701.1981	17248.2061	15616.6790	2141.9770
234	15077.9137	1925.2925	11304.4097	18851.4177	13140.5519	-1937.3618
235	12434.5890	1925.2925	8661.0850	16208.0930	16912.1286	4477.5396
236	17872.9747	1925.2925	14099.4707	21646.4787	16411.3967	-1461.5780
237	16488.2211	1925.2925	12714.7171	20261.7250	14787.3467	-1700.8744
238	13768.0643	1925.2925	9994.5603	17541.5683	13496.5867	-271.4776
239	11164.6041	1925.2925	7391.1001	14938.1081	11845.5505	680.9464
240	10085.8896	1925.2925	6312.3856	13859.3936	13976.1824	3890.2928
241	12463.6708	1925.2925	8690.1668	16237.1748	16085.0638	3621.3930
242	18484.1961	1925.2925	14710.6921	22257.7001	17576.4733	-907.7228
243	15027.7481	1925.2925	11254.2441	18801.2521	18270.2862	3242.5381
244	18910.9352	1925.2925	15137.4312	22684.4392	18082.3567	-828.5785
245	18147.6281	1925.2925	14374.1242	21921.1321	18087.1481	-60.4801
246	18524.7824	1925.2925	14751.2784	22298.2864	14492.7643	-4032.0182

		Forecasts for variable AC_POWER			
Obs	Forecast	Std Error	95% Confidence Limits		Actual	Residual

Obs	Forecast	Std Error	95% Confidence Limits		Actual	Residual
247	11728.1865	1925.2925	7954.6825	15501.6905	9615.7333	-2112.4532
248	13511.9176	1925.2925	9738.4136	17285.4216	17538.7967	4026.8790
249	16706.0875	1925.2925	12932.5835	20479.5915	15788.7724	-917.3151
250	18655.9900	1925.2925	14882.4860	22429.4940	16807.9267	-1848.0633
251	14510.6168	1925.2925	10737.1128	18284.1207	14498.4114	-12.2053
252	12991.6596	1925.2925	9218.1556	16765.1636	14224.3600	1232.7004
253	11493.6438	1925.2925	7720.1398	15267.1478	9218.3614	-2275.2824
254	7603.4490	1925.2925	3829.9450	11376.9530	7849.1933	245.7444
255	10222.0177	1925.2925	6448.5137	13995.5217	9132.1705	-1089.8472
256	8189.3044	1925.2925	4415.8004	11962.8084	8906.8533	717.5490
257	8124.3216	1925.2925	4350.8176	11897.8256	8950.8038	826.4822
258	11100.4785	1925.2925	7326.9745	14873.9824	13719.6033	2619.1248
259	11037.7216	1925.2925	7264.2176	14811.2256	12855.6257	1817.9042
260	9717.0975	1925.2925	5943.5935	13490.6015	9753.7424	36.6449
261	5146.2406	1925.2925	1372.7366	8919.7446	2887.7533	-2258.4873
262	2523.7372	1925.2925	-1249.7668	6297.2411	3406.6267	882.8895
263	3029.0998	1925.2925	-744.4042	6802.6038	4857.4333	1828.3335
264	2776.5979	1925.2925	-996.9061	6550.1019	2488.8052	-287.7926
265	2228.5940	1925.2925	-1544.9100	6002.0980	2189.6157	-38.9783
266	1464.7269	1925.2925	-2308.7771	5238.2309	818.0200	-646.7069
267	386.4719	1925.2925	-3387.0320	4159.9759	151.5686	-234.9034
268	-1069.3219	1925.2925	-4842.8259	2704.1821	0.0000	1069.3219
269	70.9293	1925.2925	-3702.5747	3844.4333	0.0000	-70.9293
270	917.1364	1925.2925	-2856.3676	4690.6404	0.0000	-917.1364
271	-305.5930	1925.2925	-4079.0970	3467.9110	0.0000	305.5930
272	142.9078	1925.2925	-3630.5962	3916.4118	0.0000	-142.9078
273	170.5563	1925.2925	-3602.9477	3944.0603	0.0000	-170.5563
274	-62.0139	1925.2925	-3835.5179	3711.4900	0.0000	62.0139
275	-309.5075	1925.2925	-4083.0115	3463.9965	0.0000	309.5075
276	-150.1877	1925.2925	-3923.6917	3623.3163	0.0000	150.1877
277	-233.4246	1925.2925	-4006.9286	3540.0794	0.0000	233.4246
278	-82.8282	1925.2925	-3856.3322	3690.6758	0.0000	82.8282
279	-238.7698	1925.2925	-4012.2738	3534.7342	0.0000	238.7698
280	-148.9440	1925.2925	-3922.4480	3624.5600	0.0000	148.9440
281	-330.4253	1925.2925	-4103.9293	3443.0787	0.0000	330.4253
282	402.2491	1925.2925	-3371.2549	4175.7531	0.0000	-402.2491
283	163.3021	1925.2925	-3610.2019	3936.8061	0.0000	-163.3021

	Forecasts for variable AC_POWER					
Obs	Forecast	Std Error	95% Confidence Limits		Actual	Residual
284	-581.9433	1925.2925	-4355.4473	3191.5607	0.0000	581.9433
285	382.6748	1925.2925	-3390.8292	4156.1788	0.0000	-382.6748
286	-445.8899	1925.2925	-4219.3939	3327.6141	0.0000	445.8899
287	-606.2579	1925.2925	-4379.7619	3167.2460	0.0000	606.2579
288	-297.1279	1925.2925	-4070.6319	3476.3761	0.0000	297.1279
289	363.4684	1925.2925	-3410.0356	4136.9724	0.0000	-363.4684
290	-150.0862	1925.2925	-3923.5902	3623.4178	0.0000	150.0862
291	17.0267	1925.2925	-3756.4773	3790.5307	0.0000	-17.0267
292	-34.8301	1925.2925	-3808.3341	3738.6739	0.0000	34.8301
293	72.5542	1925.2925	-3700.9498	3846.0582	0.0000	-72.5542
294	-84.1929	1925.2925	-3857.6969	3689.3111	0.0000	84.1929
295	-255.9066	1925.2925	-4029.4106	3517.5974	0.0000	255.9066
296	-59.0048	1925.2925	-3832.5088	3714.4992	0.0000	59.0048
297	-670.6836	1925.2925	-4444.1876	3102.8204	0.0000	670.6836
298	-40.5549	1925.2925	-3814.0589	3732.9491	0.0000	40.5549
299	-115.4988	1925.2925	-3889.0028	3658.0052	0.0000	115.4988
300	-106.6022	1925.2925	-3880.1062	3666.9018	0.0000	106.6022
301	-33.9873	1925.2925	-3807.4913	3739.5167	0.0000	33.9873
302	-97.4387	1925.2925	-3870.9427	3676.0653	0.0000	97.4387
303	-267.1352	1925.2925	-4040.6392	3506.3688	0.0000	267.1352
304	-151.4173	1925.2925	-3924.9213	3622.0867	0.0000	151.4173
305	-201.6216	1925.2925	-3975.1256	3571.8824	0.0000	201.6216
306	-468.4328	1925.2925	-4241.9368	3305.0712	0.0000	468.4328
307	-1177.2231	1925.2925	-4950.7271	2596.2809	0.0000	1177.2231
308	206.8151	1925.2925	-3566.6889	3980.3191	0.0000	-206.8151
309	-219.0019	1925.2925	-3992.5059	3554.5020	0.0000	219.0019
310	-374.4855	1925.2925	-4147.9895	3399.0185	0.0000	374.4855
311	-102.5562	1925.2925	-3876.0602	3670.9477	0.0000	102.5562
312	-203.9950	1925.2925	-3977.4990	3569.5090	0.0000	203.9950
313	-61.3315	1925.2925	-3834.8355	3712.1725	0.0000	61.3315
314	-245.6338	1925.2925	-4019.1378	3527.8702	0.0000	245.6338
315	332.6457	1925.2925	-3440.8583	4106.1497	0.0000	-332.6457
316	-52.9018	1925.2925	-3826.4058	3720.6022	0.0000	52.9018
317	293.7097	1925.2925	-3479.7943	4067.2137	79.8400	-213.8697
318	855.4279	1925.2925	-2918.0761	4628.9319	306.9557	-548.4722
319	1588.5309	1925.2925	-2184.9731	5362.0349	573.0171	-1015.5138
320	2676.2033	1925.2925	-1097.3007	6449.7073	1280.8805	-1395.3228

					Forecasts for variable AC_POWER		
Obs	**Forecast**	**Std Error**	**95% Confidence Limits**		**Actual**	**Residual**
321	5169.0952	1925.2925	1395.5912	8942.5992	3661.5667	-1507.5285
322	8183.5070	1925.2925	4410.0030	11957.0110	6998.5629	-1184.9442
323	9290.4648	1925.2925	5516.9608	13063.9688	9185.9171	-104.5476
324	11609.6951	1925.2925	7836.1911	15383.1991	12061.2886	451.5935
325	13295.6880	1925.2925	9522.1841	17069.1920	12903.6729	-392.0152
326	16126.2611	1925.2925	12352.7571	19899.7650	14151.0305	-1975.2306
327	14781.1234	1925.2925	11007.6194	18554.6274	16965.2433	2184.1199
328	17833.2461	1925.2925	14059.7421	21606.7501	16994.8548	-838.3913
329	15965.1119	1925.2925	12191.6079	19738.6159	15357.5690	-607.5428
330	14585.2745	1925.2925	10811.7705	18358.7785	15371.2186	785.9440
331	13526.1655	1925.2925	9752.6615	17299.6695	10635.9729	-2890.1926
332	10103.2899	1925.2925	6329.7859	13876.7939	13299.5581	3196.2682
333	14178.9601	1925.2925	10405.4561	17952.4640	17114.2276	2935.2676
334	16575.9765	1925.2925	12802.4725	20349.4805	16633.3476	57.3711
335	17315.0033	1925.2925	13541.4993	21088.5073	16710.6600	-604.3433
336	19727.6182	1925.2925	15954.1142	23501.1222	17132.3967	-2595.2215
337	19939.8761	1925.2925	16166.3721	23713.3801	16884.2738	-3055.6023
338	18083.0793	1925.2925	14309.5753	21856.5833	15600.7976	-2482.2816
339	18945.3405	1925.2925	15171.8365	22718.8445	17450.6138	-1494.7267
340	14554.8344	1925.2925	10781.3304	18328.3384	14506.1867	-48.6478
341	16808.3570	1925.2925	13034.8530	20581.8609	14689.0933	-2119.2636
342	12766.5849	1925.2925	8993.0809	16540.0888	15092.8143	2326.2294
343	13301.9863	1925.2925	9528.4823	17075.4903	16362.9338	3060.9475
344	19165.8586	1925.2925	15392.3546	22939.3625	15979.5152	-3186.3433
345	13686.6190	1925.2925	9913.1150	17460.1230	16533.7310	2847.1120
346	17565.6233	1925.2925	13792.1193	21339.1273	16623.0133	-942.6099
347	15849.7682	1925.2925	12076.2642	19623.2722	16595.7224	745.9542
348	17463.6068	1925.2925	13690.1028	21237.1108	17039.2414	-424.3654
349	14284.2749	1925.2925	10510.7709	18057.7789	16790.7886	2506.5137
350	12515.3401	1925.2925	8741.8361	16288.8441	14440.9724	1925.6323
351	12139.1382	1925.2925	8365.6342	15912.6422	11266.7538	-872.3844
352	10796.7761	1925.2925	7023.2721	14570.2801	10675.9090	-120.8671
353	11218.9087	1925.2925	7445.4047	14992.4127	13218.8300	1999.9213
354	14040.8613	1925.2925	10267.3573	17814.3653	12045.2514	-1995.6099
355	9807.7119	1925.2925	6034.2079	13581.2159	8340.5152	-1467.1967
356	5966.6476	1925.2925	2193.1436	9740.1516	5751.4076	-215.2399
357	2864.2579	1925.2925	-909.2461	6637.7619	5375.1200	2510.8621

	Forecasts for variable AC_POWER					
Obs	**Forecast**	**Std Error**	**95% Confidence Limits**		**Actual**	**Residual**
358	3961.5495	1925.2925	188.0455	7735.0535	4163.9986	202.4490
359	4032.7445	1925.2925	259.2405	7806.2485	2677.1771	-1355.5673
360	1352.7607	1925.2925	-2420.7433	5126.2646	1688.5362	335.7755
361	1293.2454	1925.2925	-2480.2586	5066.7494	1113.1895	-180.0559
362	57.7818	1925.2925	-3715.7222	3831.2858	559.1867	501.4048
363	-411.2935	1925.2925	-4184.7975	3362.2105	129.2119	540.5054
364	518.6883	1925.2925	-3254.8157	4292.1923	0.0000	-518.6883
365	-277.5226	1925.2925	-4051.0266	3495.9814	0.0000	277.5226
366	-443.6068	1925.2925	-4217.1108	3329.8972	0.0000	443.6068
367	21.4632	1925.2925	-3752.0408	3794.9671	0.0000	-21.4632
368	-95.3391	1925.2925	-3868.8431	3678.1649	0.0000	95.3391
369	-41.9835	1925.2925	-3815.4875	3731.5205	0.0000	41.9835
370	32.1806	1925.2925	-3741.3234	3805.6846	0.0000	-32.1806
371	-36.0644	1925.2925	-3809.5684	3737.4396	0.0000	36.0644
372	32.2103	1925.2925	-3741.2937	3805.7143	0.0000	-32.2103
373	163.7122	1925.2925	-3609.7918	3937.2162	0.0000	-163.7122
374	91.8814	1925.2925	-3681.6226	3865.3854	0.0000	-91.8814
375	57.8949	1925.2925	-3715.6091	3831.3989	0.0000	-57.8949
376	270.5430	1925.2925	-3502.9610	4044.0470	0.0000	-270.5430
377	-106.4002	1925.2925	-3879.9042	3667.1038	0.0000	106.4002
378	-354.3820	1925.2925	-4127.8860	3419.1220	0.0000	354.3820
379	25.9064	1925.2925	-3747.5976	3799.4104	0.0000	-25.9064
380	513.1316	1925.2925	-3260.3724	4286.6356	0.0000	-513.1316
381	-141.8728	1925.2925	-3915.3768	3631.6312	0.0000	141.8728
382	404.8309	1925.2925	-3368.6731	4178.3349	0.0000	-404.8309
383	601.1765	1925.2925	-3172.3275	4374.6805	0.0000	-601.1765
384	327.9982	1925.2925	-3445.5058	4101.5022	0.0000	-327.9982
385	-280.4096	1925.2925	-4053.9136	3493.0944	0.0000	280.4096
386	-1.6516	1925.2925	-3775.1556	3771.8524	0.0000	1.6516
387	16.2089	1925.2925	-3757.2951	3789.7128	0.0000	-16.2089
388	-60.8545	1925.2925	-3834.3584	3712.6495	0.0000	60.8545
389	12.7555	1925.2925	-3760.7485	3786.2595	0.0000	-12.7555
390	100.7767	1925.2925	-3672.7273	3874.2807	0.0000	-100.7767
391	141.8385	1925.2925	-3631.6655	3915.3425	0.0000	-141.8385
392	227.0033	1925.2925	-3546.5007	4000.5073	0.0000	-227.0033
393	484.8343	1925.2925	-3288.6697	4258.3383	0.0000	-484.8343
394	68.7200	1925.2925	-3704.7839	3842.2240	0.0000	-68.7200