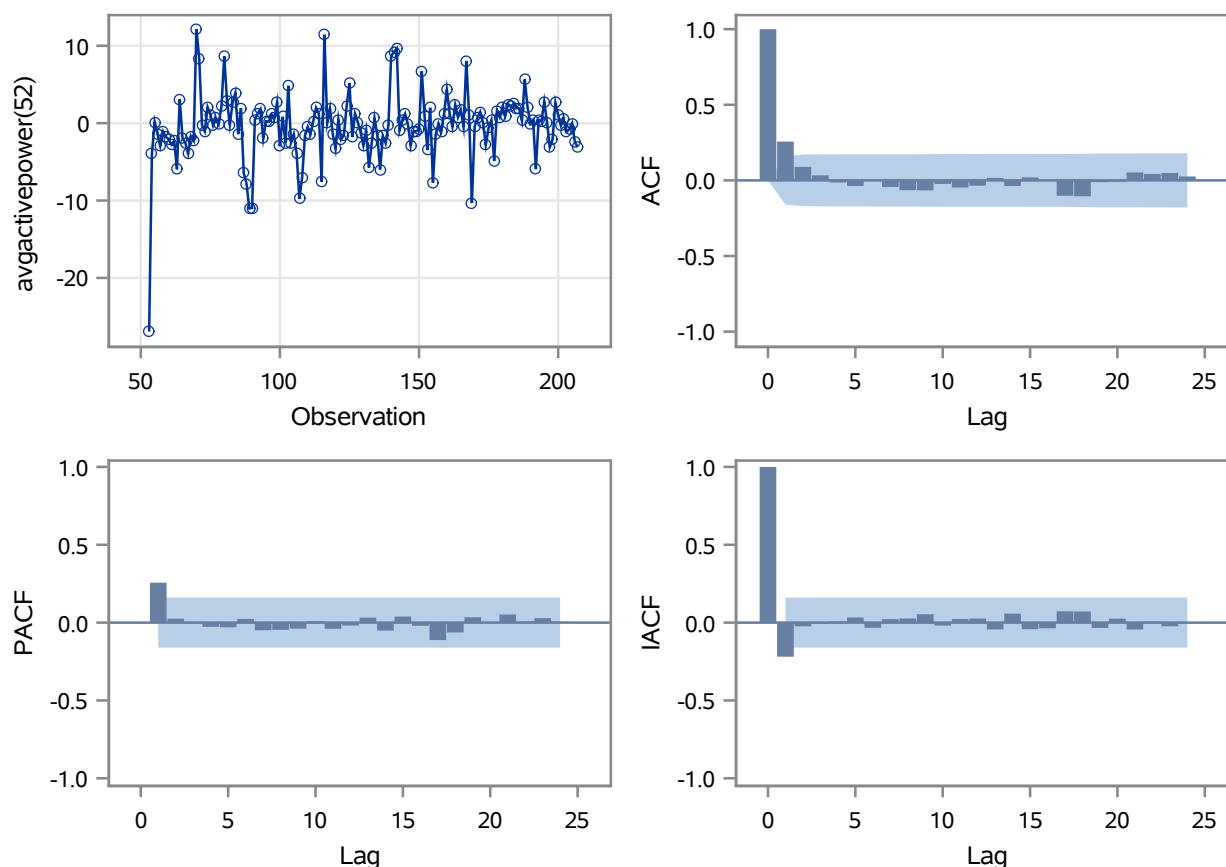


Name of Variable = avgactivepower	
Period(s) of Differencing	52
Mean of Working Series	-0.36141
Standard Deviation	4.311193
Number of Observations	155
Observation(s) eliminated by differencing	52

Autocorrelation Check for White Noise									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	12.10	6	0.0599	0.256	0.089	0.033	-0.014	-0.037	0.003
12	14.52	12	0.2689	-0.044	-0.065	-0.066	-0.023	-0.047	-0.035
18	18.64	18	0.4145	0.016	-0.037	0.020	0.002	-0.101	-0.105
24	20.07	24	0.6926	-0.012	-0.009	0.052	0.042	0.049	0.026

### Trend and Correlation Analysis for avgactivepower(52)

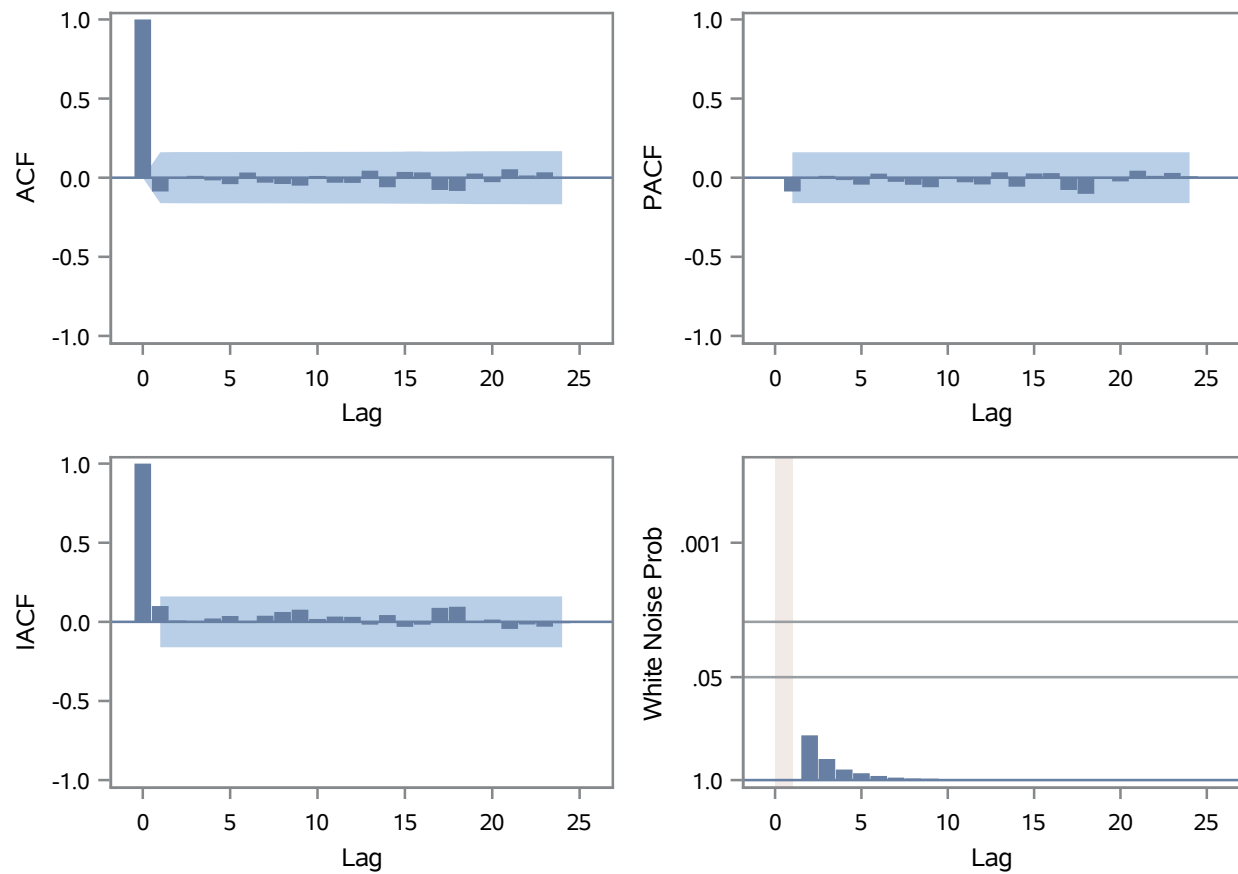
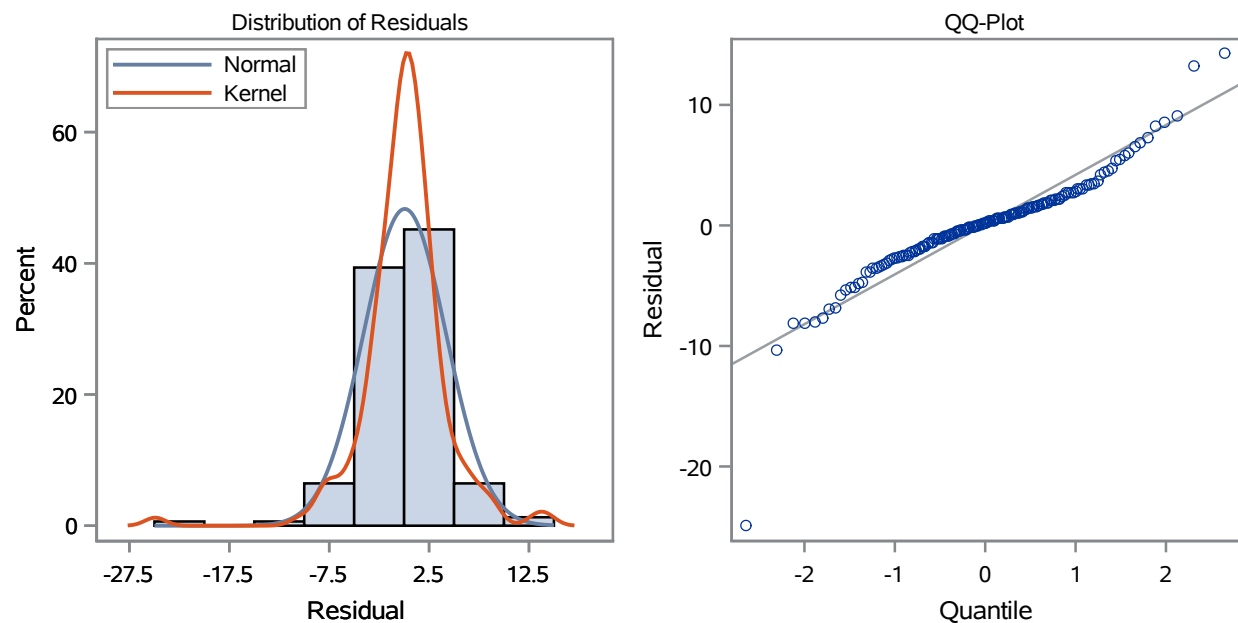


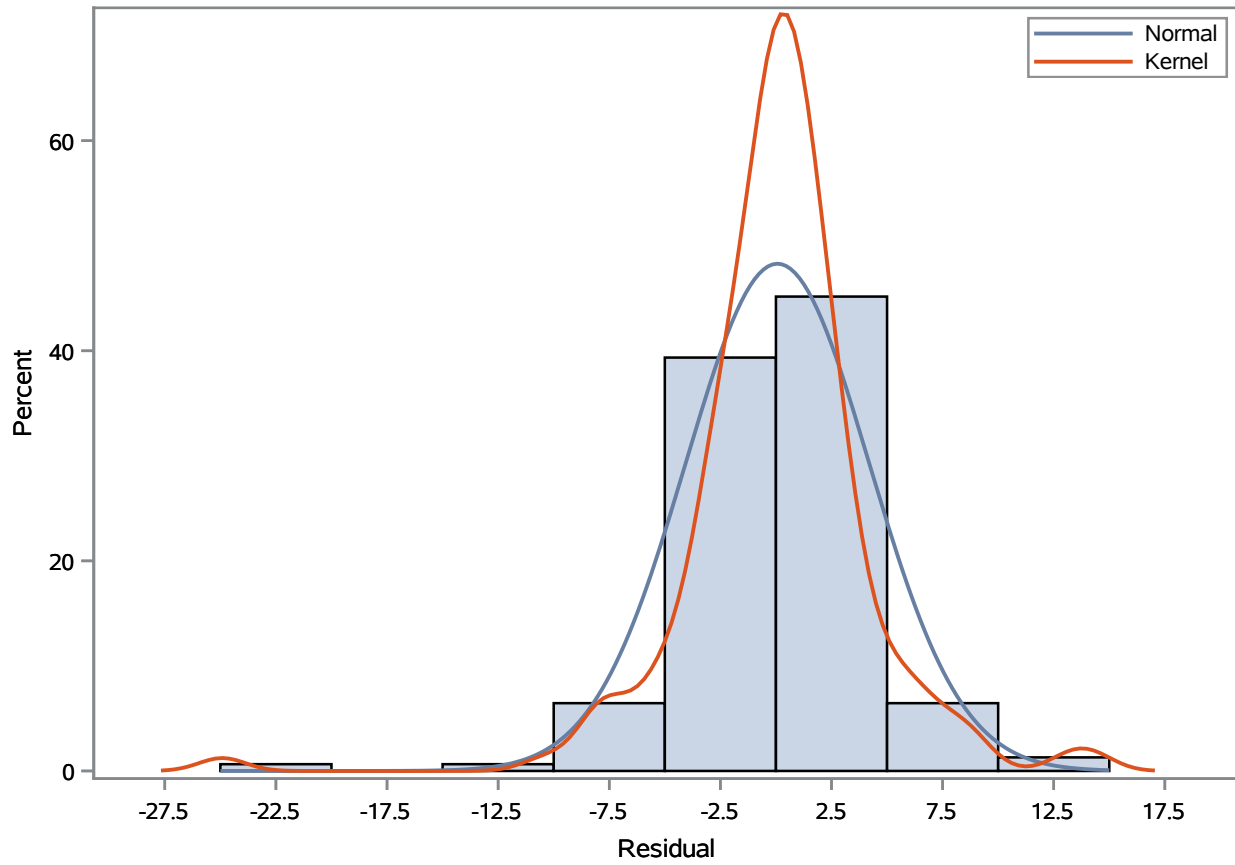
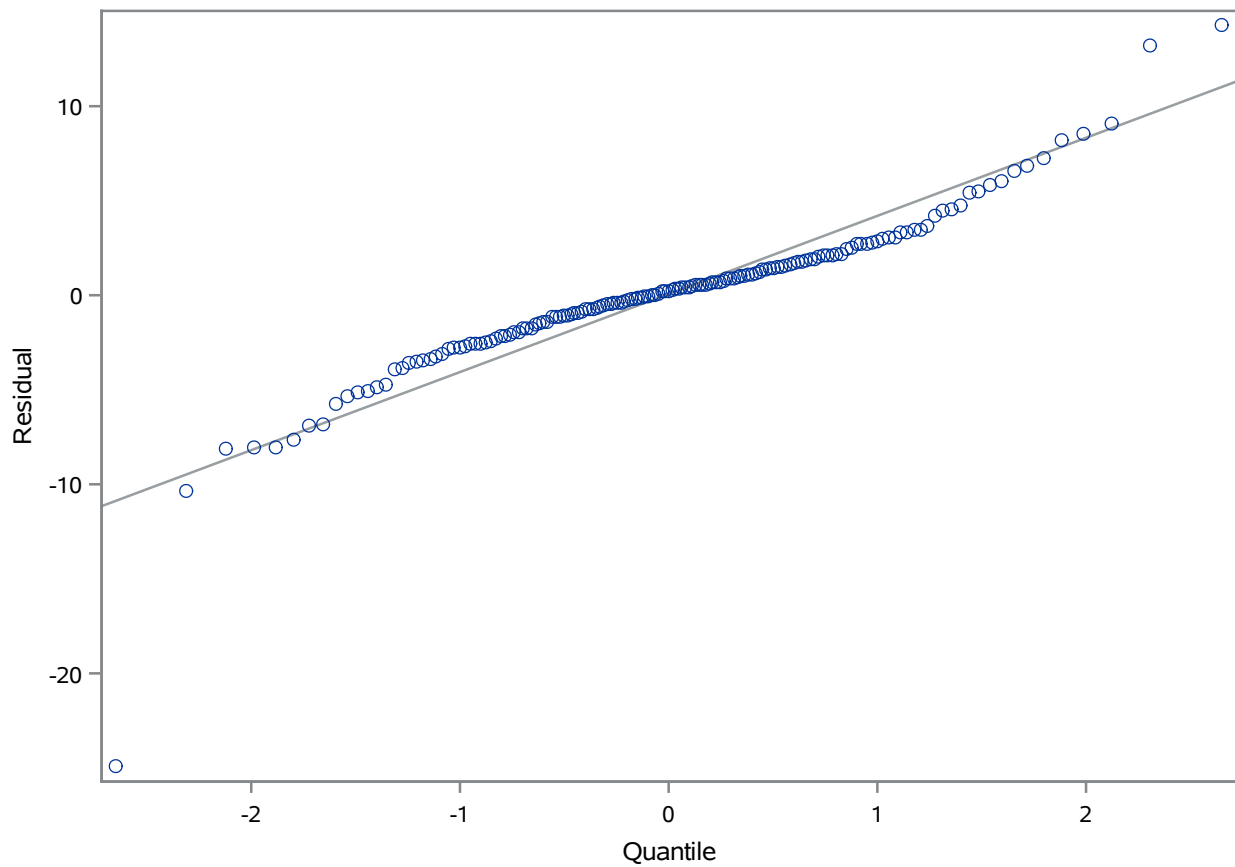
Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr >  t	Lag
MU	-0.45758	0.50150	-0.91	0.3615	0
AR1,1	0.33889	0.07607	4.46	<.0001	1

<b>Constant Estimate</b>	-0.30251
<b>Variance Estimate</b>	17.17865
<b>Std Error Estimate</b>	4.144713
<b>AIC</b>	882.7483
<b>SBC</b>	888.8352
<b>Number of Residuals</b>	155

<b>Correlations of Parameter Estimates</b>		
<b>Parameter</b>	<b>MU</b>	<b>AR1,1</b>
<b>MU</b>	1.000	-0.006
<b>AR1,1</b>	-0.006	1.000

<b>Autocorrelation Check of Residuals</b>									
<b>To Lag</b>	<b>Chi-Square</b>	<b>DF</b>	<b>Pr &gt; ChiSq</b>	<b>Autocorrelations</b>					
<b>6</b>	1.69	5	0.8905	-0.086	0.004	0.012	-0.016	-0.040	0.034
<b>12</b>	2.84	11	0.9926	-0.030	-0.039	-0.049	0.012	-0.031	-0.032
<b>18</b>	6.50	17	0.9892	0.045	-0.059	0.037	0.035	-0.076	-0.083
<b>24</b>	7.55	23	0.9990	0.027	-0.028	0.054	0.015	0.034	-0.003
<b>30</b>	12.21	29	0.9973	0.043	0.040	-0.143	0.019	-0.016	0.002

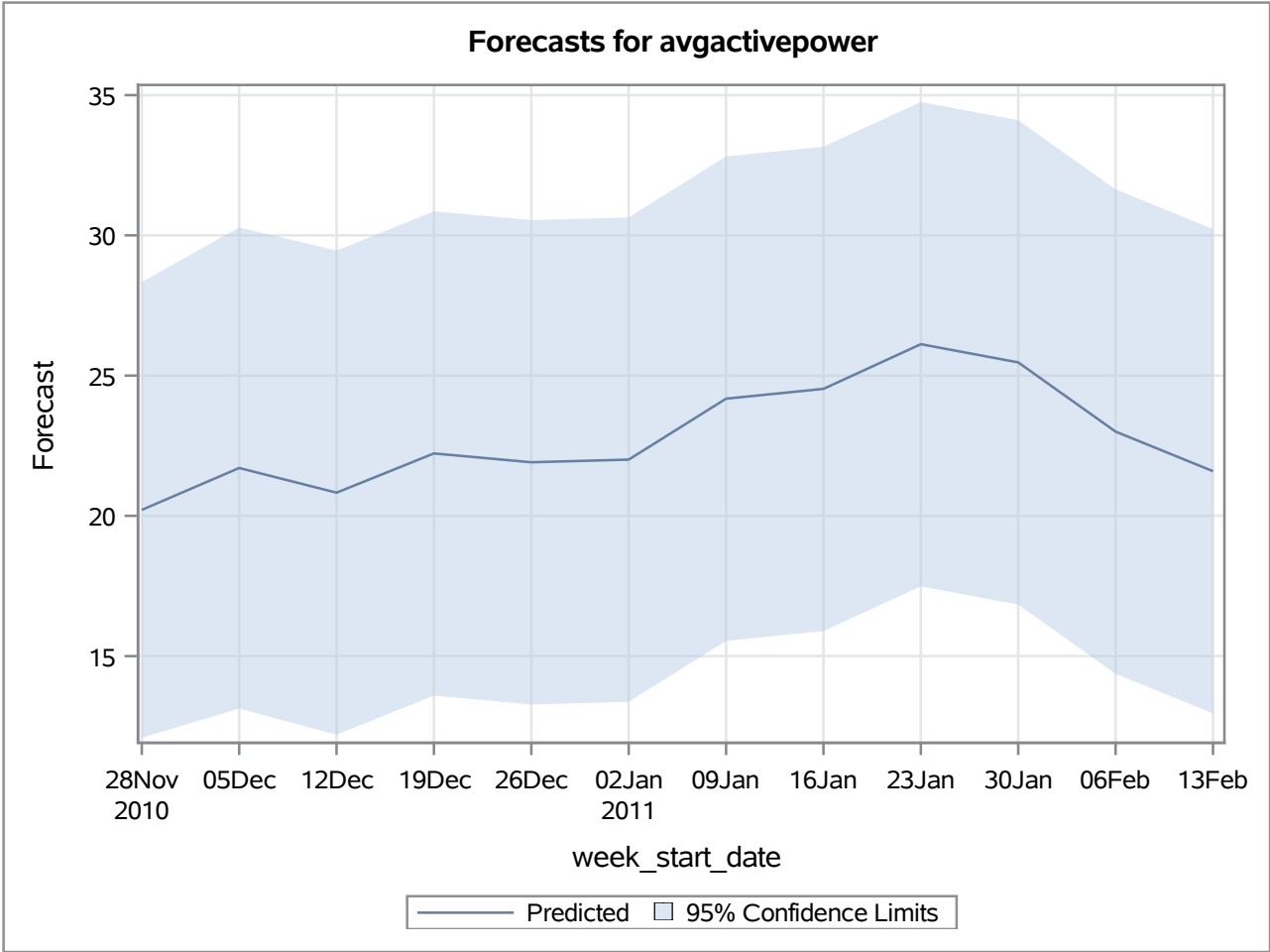
**Residual Correlation Diagnostics for avgactivepower(52)****Residual Normality Diagnostics for avgactivepower(52)**

**Distribution of Residuals for avgactivepower(52)****Residual Q-Q Plot for avgactivepower(52)**

Model for variable avgactivepower	
Estimated Mean	-0.45758
Period(s) of Differencing	52

Autoregressive Factors	
Factor 1:	1 - 0.33889 B**(1)

Forecasts for variable avgactivepower				
Obs	Forecast	Std Error	95% Confidence Limits	
208	20.2123	4.1447	12.0888	28.3358
209	21.7069	4.3763	13.1296	30.2842
210	20.8270	4.4021	12.1991	29.4548
211	22.2251	4.4050	13.5914	30.8588
212	21.9099	4.4054	13.2755	30.5442
213	22.0055	4.4054	13.3711	30.6399
214	24.1779	4.4054	15.5435	32.8123
215	24.5277	4.4054	15.8933	33.1621
216	26.1202	4.4054	17.4858	34.7546
217	25.4709	4.4054	16.8365	34.1053
218	23.0033	4.4054	14.3689	31.6377
219	21.5926	4.4054	12.9581	30.2270



Outlier Detection Summary	
Maximum number searched	5
Number found	5
Significance used	0.05

Outlier Details				
Obs	Type	Estimate	Chi-Square	Approx Prob>ChiSq
1	Additive	25.29371	89.42	<.0001
115	Additive	-9.63871	29.09	<.0001
90	Additive	-7.43038	17.29	<.0001
18	Additive	-10.46938	18.56	<.0001
169	Additive	-10.29962	17.96	<.0001