Name of Variable = kW_Gen						
Mean of Working Series	0.511078					
Standard Deviation	0.179364					
Number of Observations	42					

	Autocorrelation Check for White Noise								
To Lag									
6	81.65	6	<.0001	0.709	0.648	0.519	0.460	0.412	0.396

Maximum Likelihood Estimation								
Parameter Estimate Standard t Value Pr > t Lag								
MU	0.52019	0.06309	8.25	<.0001	0			
AR1,1	0.70389	0.11038	6.38	<.0001	1			

Constant Estimate	0.154036
Variance Estimate	0.016529
Std Error Estimate	0.128564
AIC	-50.4857
SBC	-47.0103
Number of Residuals	42

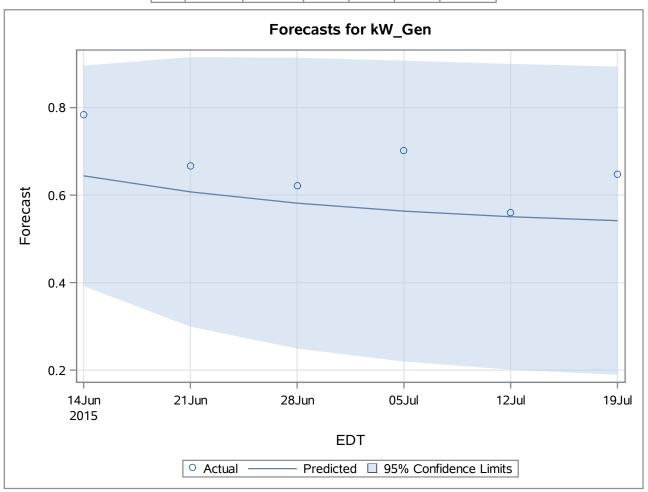
Correlations of Parameter Estimates					
Parameter MU AR1,1					
MU	1.000	0.055			
AR1,1	0.055	1.000			

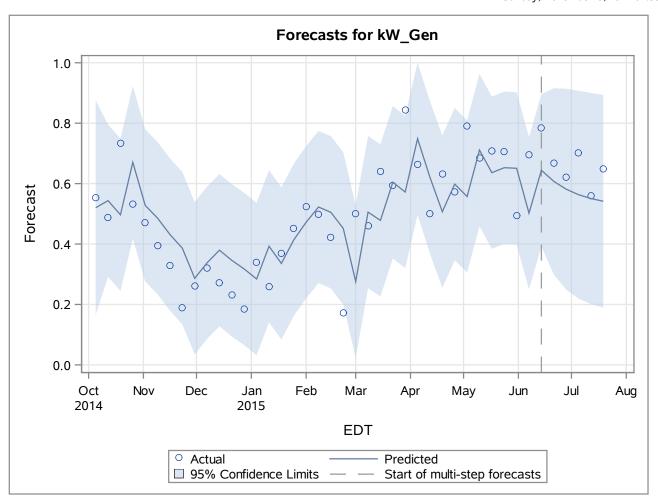
Autocorrelation Check of Residuals									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	4.04	5	0.5430	-0.187	0.197	0.011	0.070	0.024	0.089
12	7.81	11	0.7301	0.221	0.090	0.009	-0.103	0.023	-0.039
18	13.25	17	0.7193	0.024	0.071	-0.000	-0.103	-0.027	-0.235
24	15.41	23	0.8792	-0.020	-0.010	-0.066	-0.077	0.043	-0.099

Model for variable kW_Gen					
Estimated Mean	0.520193				

Autoregressive Factors					
Factor 1:	1 - 0.70389 B**(1)				

Forecasts for variable kW_Gen							
Obs	Forecast	Std Error	95% Confidence Limits		Actual	Residual	
37	0.6442	0.1286	0.3922	0.8961	0.7835	0.1394	
38	0.6075	0.1572	0.2993	0.9156	0.6669	0.0595	
39	0.5816	0.1696	0.2491	0.9141	0.6214	0.0398	
40	0.5634	0.1755	0.2195	0.9073	0.7014	0.1379	
41	0.5506	0.1783	0.2012	0.9000	0.5593	0.0087	
42	0.5416	0.1797	0.1895	0.8937	0.6480	0.1064	





Outlier Detection Summary					
Maximum number searched 1					
Number found	1				
Significance used	0.05				

Outlier Details							
Obs Type Estimate Chi-Square Prob>ChiSq							
21	Additive	-0.29146	6.85	0.0089			

Name of Variable = kW_Gen					
Mean of Working Series	0.511078				
Standard Deviation	0.179364				
Number of Observations	42				

	Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq			Autocor	relations	5	
6	81.65	6	<.0001	0.709	0.648	0.519	0.460	0.412	0.396

Correlation of kW_Gen and Cloud_Cover			
Variance of input = 0.775925			
Number of Observations	42		

Maximum Likelihood Estimation							
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag	Variable	Shift
MU	1.00001	0.08901	11.23	<.0001	0	kW_Gen	0
AR1,1	0.86587	0.07766	11.15	<.0001	1	kW_Gen	0
NUM1	-0.09061	0.0096050	-9.43	<.0001	0	Cloud_Cover	0

Constant Estimate	0.134134
Variance Estimate	0.005503
Std Error Estimate	0.074179
AIC	-95.0433
SBC	-89.8303
Number of Residuals	42

Correlations of Parameter Estimates						
Variable Parameter	kW_Gen MU	kW_Gen AR1,1	Cloud_Cover NUM1			
kW_Gen MU	1.000	0.103	-0.553			
kW_Gen AR1,1	0.103	1.000	0.033			
Cloud_Cover NUM1	-0.553	0.033	1.000			

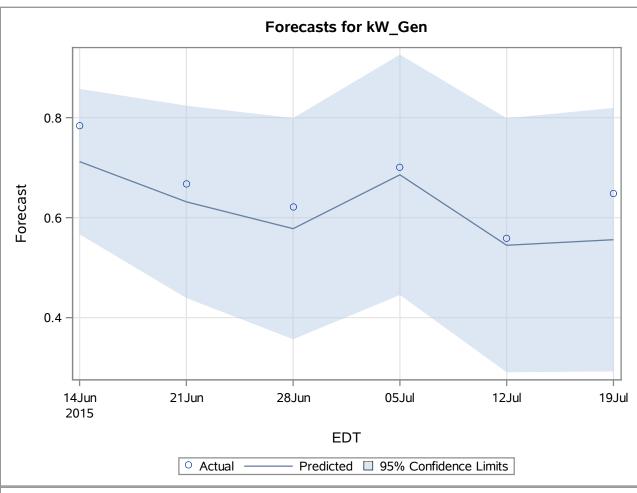
	Autocorrelation Check of Residuals								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	2.08	5	0.8379	-0.058	0.056	-0.109	0.057	0.139	0.043
12	7.16	11	0.7860	0.225	-0.101	0.112	0.024	-0.116	-0.071
18	14.98	17	0.5970	0.029	0.121	-0.006	-0.202	-0.212	0.086
24	16.33	23	0.8406	-0.033	0.030	-0.016	-0.051	-0.088	-0.040

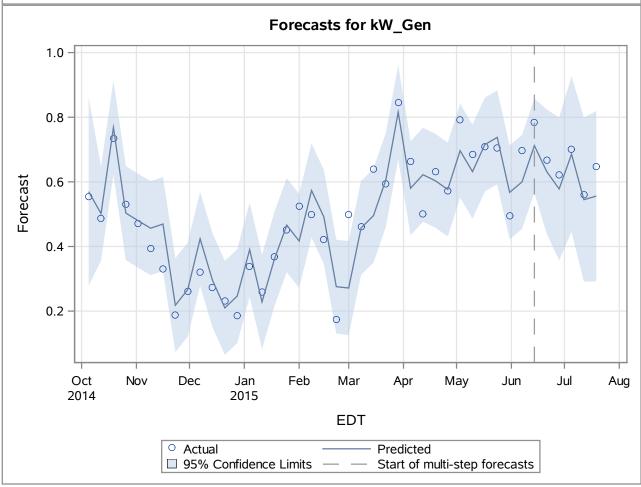
Model for variable kW_Gen			
Estimated Intercept	1.000009		

Autoregressive Factors Factor 1: 1 - 0.86587 B**(1)

Input Number 1		
Input Variable	Cloud_Cover	
Overall Regression Factor	-0.09061	

Forecasts for variable kW_Gen						
Obs	Forecast	Std Error		i% dence nits	Actual	Residual
37	0.7121	0.0742	0.5667	0.8575	0.7835	0.0715
38	0.6316	0.0981	0.4393	0.8240	0.6669	0.0353
39	0.5780	0.1128	0.3569	0.7991	0.6214	0.0434
40	0.6857	0.1226	0.4454	0.9261	0.7014	0.0156
41	0.5448	0.1295	0.2909	0.7987	0.5593	0.0145
42	0.5559	0.1345	0.2924	0.8195	0.6480	0.0921





Outlier Detection Summary			
Maximum number searched	1		
Number found	1		
Significance used	0.05		

Outlier Details						
Obs	Туре	Estimate	Chi-Square	Approx Prob>ChiSq		

Name of Variable = kW_Gen			
Mean of Working Series	0.511078		
Standard Deviation	0.179364		
Number of Observations	42		

	Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	81.65	6	<.0001	0.709	0.648	0.519	0.460	0.412	0.396

Maximum Likelihood Estimation								
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag			
MU	0.52019	0.06309	8.25	<.0001	0			
AR1,1	0.70389	0.11038	6.38	<.0001	1			

Constant Estimate	0.154036
Variance Estimate	0.016529
Std Error Estimate	0.128564
AIC	-50.4857
SBC	-47.0103
Number of Residuals	42

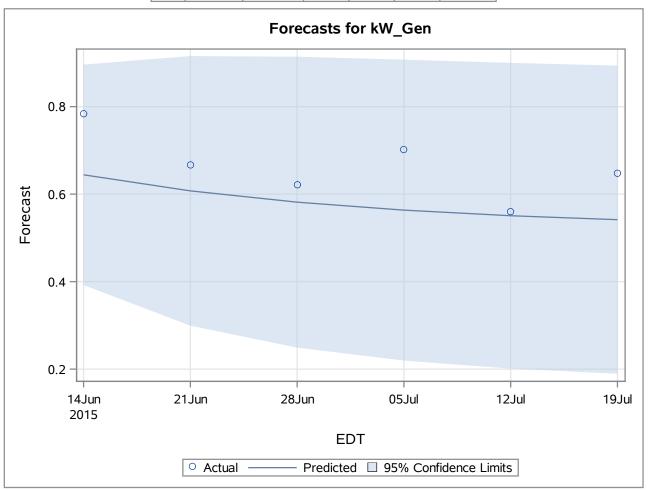
Correlations of Parameter Estimates					
Parameter	MU	AR1,1			
MU	1.000	0.055			
AR1,1	0.055	1.000			

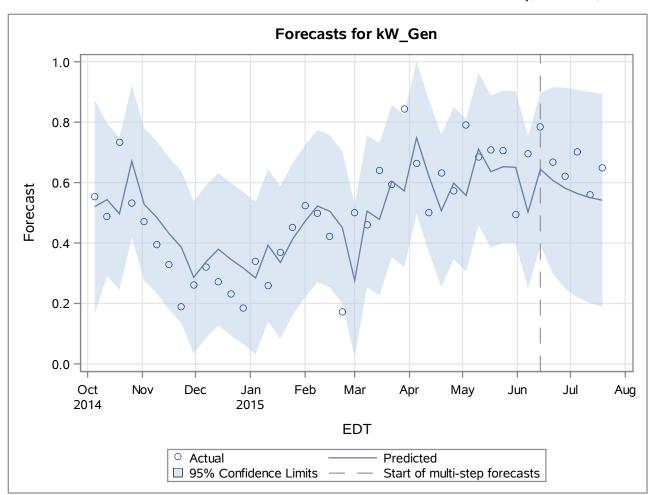
	Autocorrelation Check of Residuals									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations						
6	4.04	5	0.5430	-0.187	0.197	0.011	0.070	0.024	0.089	
12	7.81	11	0.7301	0.221	0.090	0.009	-0.103	0.023	-0.039	
18	13.25	17	0.7193	0.024	0.071	-0.000	-0.103	-0.027	-0.235	
24	15.41	23	0.8792	-0.020	-0.010	-0.066	-0.077	0.043	-0.099	

Model for variable	e kW_Gen
Estimated Mean	0.520193

Autoregressive Factors					
Factor 1:	1 - 0.70389 B**(1)				

	Forecasts for variable kW_Gen									
Obs	Forecast	Std Error	95% Confidence Limits		Actual	Residual				
37	0.6442	0.1286	0.3922	0.8961	0.7835	0.1394				
38	0.6075	0.1572	0.2993	0.9156	0.6669	0.0595				
39	0.5816	0.1696	0.2491	0.9141	0.6214	0.0398				
40	0.5634	0.1755	0.2195	0.9073	0.7014	0.1379				
41	0.5506	0.1783	0.2012	0.9000	0.5593	0.0087				
42	0.5416	0.1797	0.1895	0.8937	0.6480	0.1064				





Outlier Detection Summary				
Maximum number searched	1			
Number found	1			
Significance used	0.05			

Outlier Details							
Obs	Туре	Estimate	Chi-Square	Approx Prob>ChiSq			
21	Additive	-0.29146	6.85	0.0089			

Name of Variable = kW_Gen					
Mean of Working Series	0.511078				
Standard Deviation	0.179364				
Number of Observations	42				

	Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	81.65	6	<.0001	0.709	0.648	0.519	0.460	0.412	0.396

Correlation of kW_Gen and Cloud_Cover		
Variance of input =	0.775925	
Number of Observations	42	

Maximum Likelihood Estimation							
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag	Variable	Shift
MU	1.00001	0.08901	11.23	<.0001	0	kW_Gen	0
AR1,1	0.86587	0.07766	11.15	<.0001	1	kW_Gen	0
NUM1	-0.09061	0.0096050	-9.43	<.0001	0	Cloud_Cover	0

Constant Estimate	0.134134
Variance Estimate	0.005503
Std Error Estimate	0.074179
AIC	-95.0433
SBC	-89.8303
Number of Residuals	42

Correlations of Parameter Estimates				
Variable Parameter	kW_Gen MU	kW_Gen AR1,1	Cloud_Cover NUM1	
kW_Gen MU	1.000	0.103	-0.553	
kW_Gen AR1,1	0.103	1.000	0.033	
Cloud_Cover NUM1	-0.553	0.033	1.000	

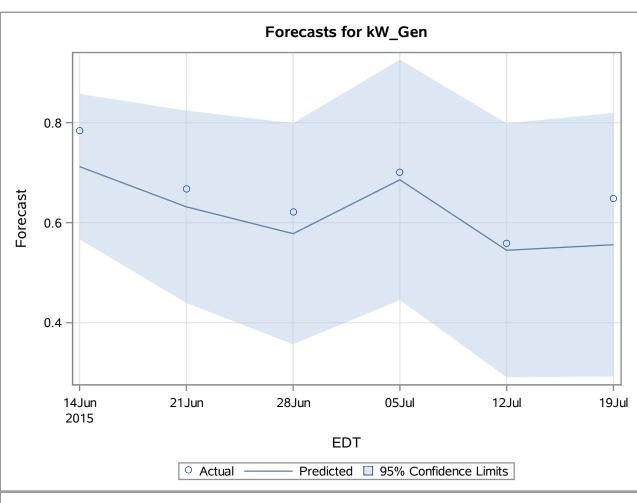
	Autocorrelation Check of Residuals								
To Lag	Chi-Square	DF	Pr > ChiSq			Autocor	relations		
6	2.08	5	0.8379	-0.058	0.056	-0.109	0.057	0.139	0.043
12	7.16	11	0.7860	0.225	-0.101	0.112	0.024	-0.116	-0.071
18	14.98	17	0.5970	0.029	0.121	-0.006	-0.202	-0.212	0.086
24	16.33	23	0.8406	-0.033	0.030	-0.016	-0.051	-0.088	-0.040

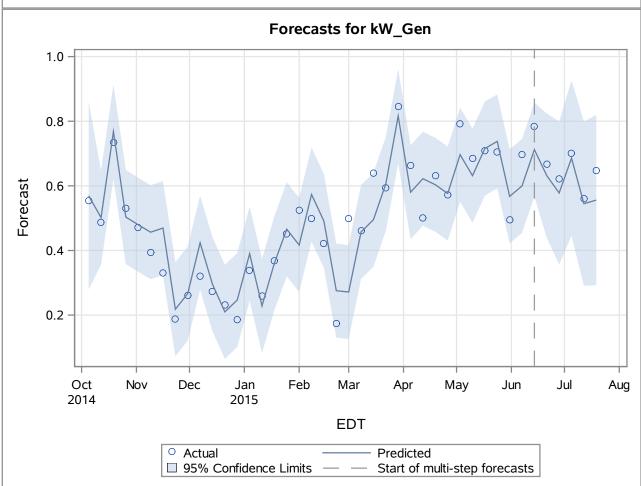
Model for variable kW_Gen		
Estimated Intercept	1.000009	

Autoregressive Factors Factor 1: 1 - 0.86587 B**(1)

Input Number 1		
Input Variable	Cloud_Cover	
Overall Regression Factor	-0.09061	

	Forecasts for variable kW_Gen						
Obs	Forecast	Std Error		% dence nits	Actual	Residual	
37	0.7121	0.0742	0.5667	0.8575	0.7835	0.0715	
38	0.6316	0.0981	0.4393	0.8240	0.6669	0.0353	
39	0.5780	0.1128	0.3569	0.7991	0.6214	0.0434	
40	0.6857	0.1226	0.4454	0.9261	0.7014	0.0156	
41	0.5448	0.1295	0.2909	0.7987	0.5593	0.0145	
42	0.5559	0.1345	0.2924	0.8195	0.6480	0.0921	





Outlier Detection Summary			
Maximum number searched	1		
Number found	1		
Significance used	0.05		

	Outlier Details				
Obs	Туре	Estimate	Chi-Square	Approx Prob>ChiSq	

Sunday, November	5, 20

Obs	AR1_MAPE
1	0.11792

Obs	s ARMAX1_MAP			
1	0.067398			

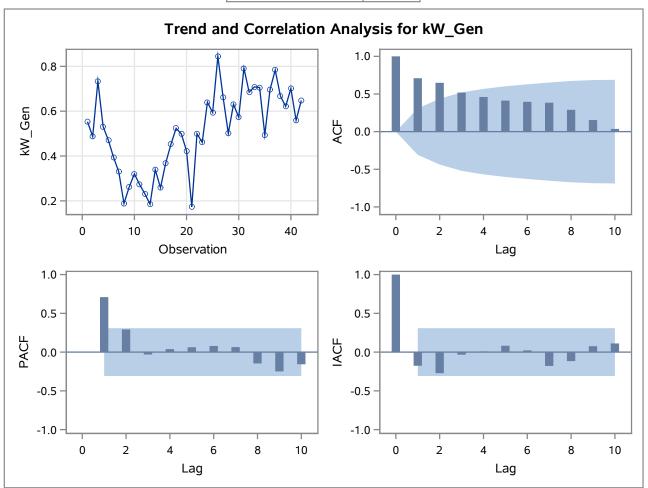
Series	Model	MAPE
kW_Gen	ar1_forecast	0.11792

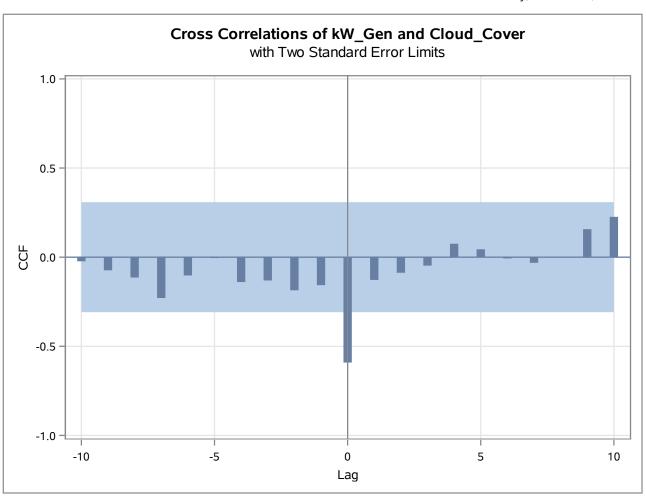
Series	Model	MAPE	
kW_Gen	armax1_forecast	0.067398	

Name of Variable = kW_Gen					
Mean of Working Series	0.511078				
Standard Deviation	0.179364				
Number of Observations	42				

	Autocorrelation Check for White Noise								
To Lag Chi-Square DF Pr > ChiSq Autocorrelations									
6	81.65	6	<.0001	0.709	0.648	0.519	0.460	0.412	0.396

Correlation of kW_Gen and Cloud_Cover				
Variance of input =	0.761564			
Number of Observations	42			



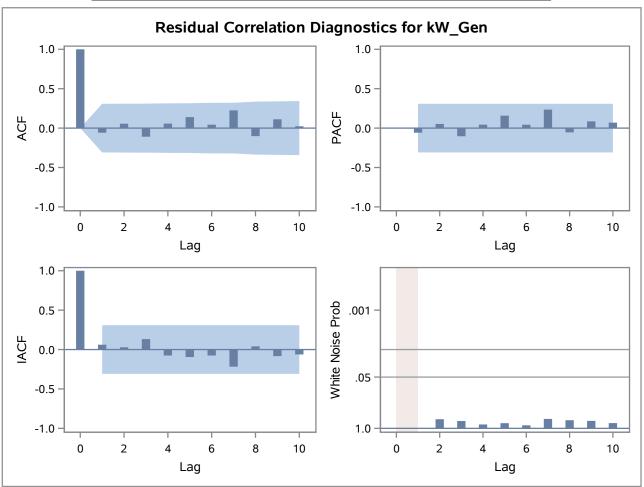


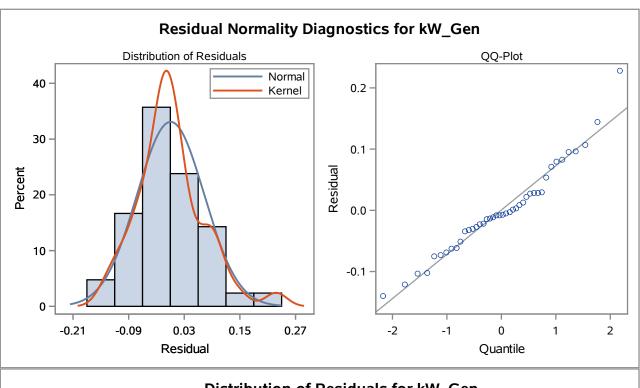
Maximum Likelihood Estimation								
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag	Variable	Shift	
MU	1.00001	0.08901	11.23	<.0001	0	kW_Gen	0	
AR1,1	0.86587	0.07766	11.15	<.0001	1	kW_Gen	0	
NUM1	-0.09061	0.0096050	-9.43	<.0001	0	Cloud_Cover	0	

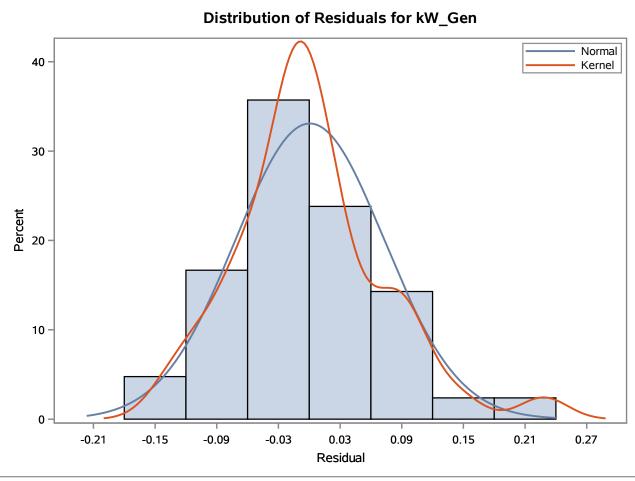
Constant Estimate	0.134134
Variance Estimate	0.005503
Std Error Estimate	0.074179
AIC	-95.0433
SBC	-89.8303
Number of Residuals	42

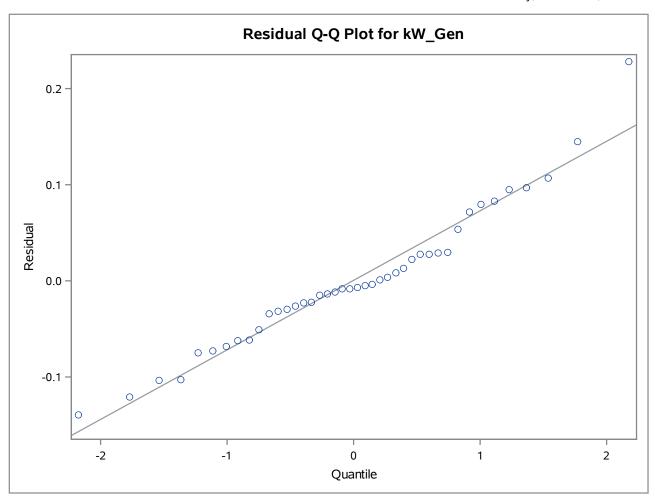
Correlations of Parameter Estimates									
Variable kW_Gen kW_Gen Cloud_Cover MU AR1,1 NUM									
kW_Gen MU	1.000	0.103	-0.553						
kW_Gen AR1,1	0.103	1.000	0.033						
Cloud_Cover NUM1	-0.553	0.033	1.000						

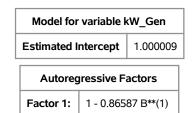
	Autocorrelation Check of Residuals											
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations								
6	2.08	5	0.8379	-0.058	0.056	-0.109	0.057	0.139	0.043			
12	7.16	11	0.7860	0.225	-0.101	0.112	0.024	-0.116	-0.071			
18	14.98	17	0.5970	0.029	0.121	-0.006	-0.202	-0.212	0.086			
24	16.33	23	0.8406	-0.033	0.030	-0.016	-0.051	-0.088	-0.040			









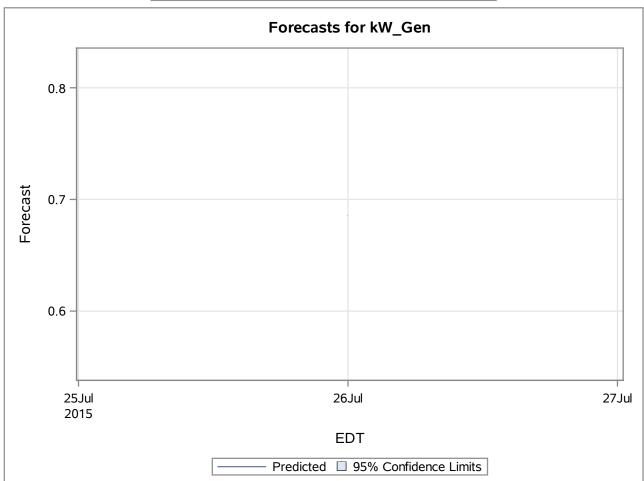


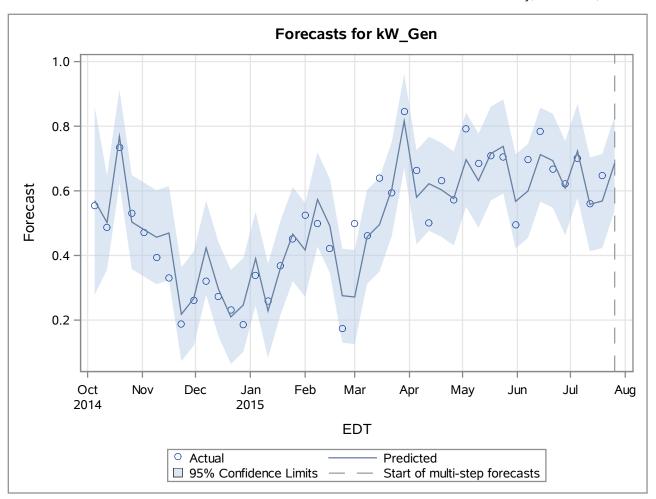
Input Number 1		
Input Variable	Cloud_Cover	
Overall Regression Factor	-0.09061	

	Forecasts for variable kW_Gen							
Obs	Forecast	Std Error	95% Confidence Limits		Actual	Residual		
1	0.5696	0.1483	0.2790	0.8602	0.5534	-0.0162		
2	0.5018	0.0742	0.3564	0.6472	0.4871	-0.0147		
3	0.7680	0.0742	0.6226	0.9134	0.7337	-0.0343		
4	0.5034	0.0742	0.3580	0.6488	0.5313	0.0278		
5	0.4797	0.0742	0.3343	0.6250	0.4711	-0.0086		
6	0.4565	0.0742	0.3111	0.6019	0.3942	-0.0624		

7 0.4694 0.0742 0.3241 0.6148 0.3297 -0.1397 8 0.2181 0.0742 0.0727 0.3635 0.1883 -0.0296 9 0.2665 0.0742 0.1211 0.4119 0.2615 -0.0050 10 0.4237 0.0742 0.1502 0.4409 0.2725 -0.0230 11 0.2955 0.0742 0.1603 0.3553 0.2319 0.0220 12 0.2099 0.0742 0.1013 0.3921 0.1851 -0.0616 14 0.3901 0.0742 0.2447 0.5355 0.3391 -0.0510 15 0.2286 0.0742 0.0832 0.3740 0.2582 0.0296 16 0.3607 0.0742 0.2153 0.5061 0.3690 0.0082 17 0.4660 0.0742 0.3206 0.6114 0.4522 -0.0138 18 0.4169 0.0742 0.3206 0.6114 0.4522 -0.0685 21 <th colspan="8">Forecasts for variable kW_Gen</th>	Forecasts for variable kW_Gen							
Obs Forecast Std Error Lim** Actual Residual 7 0.4694 0.0742 0.3241 0.6148 0.3297 -0.1397 8 0.2181 0.0742 0.0727 0.3635 0.1883 -0.0296 9 0.2665 0.0742 0.1501 0.4119 0.2615 -0.0050 10 0.4237 0.0742 0.1502 0.4409 0.2725 -0.0230 11 0.2955 0.0742 0.1645 0.3553 0.2319 -0.0210 12 0.2099 0.0742 0.1013 0.3921 0.1851 -0.0616 14 0.3901 0.0742 0.2447 0.5355 0.3391 -0.0616 15 0.2286 0.0742 0.2153 0.5061 0.3690 0.0082 16 0.3607 0.0742 0.2153 0.5061 0.3690 0.0082 17 0.4660 0.0742 0.2153 0.5061 0.3690 0.0082 18 0.4								
8 0.2181 0.0742 0.0727 0.3635 0.1883 -0.0298 9 0.2665 0.0742 0.1211 0.4119 0.2615 -0.0050 10 0.4237 0.0742 0.2783 0.5691 0.3204 -0.1033 11 0.2955 0.0742 0.1502 0.4409 0.2725 -0.0230 12 0.2099 0.0742 0.1013 0.3921 0.1851 -0.0616 14 0.3901 0.0742 0.2447 0.5355 0.3391 -0.0510 15 0.2286 0.0742 0.2432 0.3740 0.2582 0.0296 16 0.3607 0.0742 0.2153 0.5061 0.3690 0.0082 17 0.4660 0.0742 0.2153 0.5061 0.3690 0.0082 18 0.4169 0.0742 0.2213 0.5622 0.5235 0.1067 19 0.5733 0.0742 0.3480 0.7187 0.4986 -0.0748 20 <th>Obs</th> <th>Forecast</th> <th>Std Error</th> <th colspan="2"> </th> <th>Actual</th> <th>Residual</th>	Obs	Forecast	Std Error			Actual	Residual	
9 0.2665 0.0742 0.1211 0.4119 0.2615 -0.050 10 0.4237 0.0742 0.2783 0.5691 0.3204 -0.1033 11 0.2955 0.0742 0.1502 0.4409 0.2725 -0.0230 12 0.2099 0.0742 0.0645 0.3553 0.2319 0.0220 13 0.2467 0.0742 0.1013 0.3921 0.1851 -0.0616 14 0.3901 0.0742 0.2447 0.5355 0.3391 -0.0510 15 0.2286 0.0742 0.2832 0.3740 0.2582 0.0296 16 0.3607 0.0742 0.2153 0.5061 0.3690 0.0082 17 0.4660 0.0742 0.3206 0.6114 0.4522 -0.038 18 0.4169 0.0742 0.3206 0.6114 0.4522 -0.0748 20 0.4910 0.0742 0.3486 0.6364 0.4225 -0.0685 21 <th>7</th> <th>0.4694</th> <th>0.0742</th> <th>0.3241</th> <th>0.6148</th> <th>0.3297</th> <th>-0.1397</th>	7	0.4694	0.0742	0.3241	0.6148	0.3297	-0.1397	
10 0.4237 0.0742 0.2783 0.5691 0.3204 -0.1033 11 0.2955 0.0742 0.1502 0.4409 0.2725 -0.0230 12 0.2099 0.0742 0.0645 0.3553 0.2319 0.0220 13 0.2467 0.0742 0.1013 0.3921 0.1851 -0.0616 14 0.3901 0.0742 0.2447 0.5355 0.3391 -0.0516 15 0.2286 0.0742 0.0832 0.3740 0.2582 0.0296 16 0.3607 0.0742 0.2153 0.5061 0.3690 0.0082 17 0.4660 0.0742 0.2715 0.5622 0.5235 0.1067 18 0.4169 0.0742 0.4280 0.7187 0.4986 -0.0748 20 0.4910 0.0742 0.4280 0.7187 0.4986 -0.0748 21 0.2755 0.0742 0.1302 0.4209 0.1730 -0.1025 22<	8	0.2181	0.0742	0.0727	0.3635	0.1883	-0.0298	
11 0.2955 0.0742 0.1502 0.4409 0.2725 -0.0230 12 0.2099 0.0742 0.0645 0.3553 0.2319 0.0220 13 0.2467 0.0742 0.1013 0.3921 0.1851 -0.0616 14 0.3901 0.0742 0.2447 0.5355 0.3391 -0.0510 15 0.2286 0.0742 0.0832 0.3740 0.2582 0.0296 16 0.3607 0.0742 0.2153 0.5061 0.3690 0.0082 17 0.4660 0.0742 0.2715 0.5622 0.5235 0.1067 18 0.4169 0.0742 0.4280 0.7187 0.4986 -0.0748 20 0.4910 0.0742 0.4280 0.7187 0.4986 -0.0748 21 0.2755 0.0742 0.1302 0.4209 0.1730 -0.1025 22 0.2714 0.0742 0.1302 0.4209 0.1730 -0.1025 23<	9	0.2665	0.0742	0.1211	0.4119	0.2615	-0.0050	
12 0.2099 0.0742 0.0645 0.3553 0.2319 0.0220 13 0.2467 0.0742 0.1013 0.3921 0.1851 -0.0616 14 0.3901 0.0742 0.2447 0.5355 0.3391 -0.0510 15 0.2286 0.0742 0.2153 0.5061 0.3690 0.082 16 0.3607 0.0742 0.2153 0.5061 0.3690 0.0082 17 0.4660 0.0742 0.3206 0.6114 0.4522 -0.0138 18 0.4169 0.0742 0.2715 0.5622 0.5235 0.1067 19 0.5733 0.0742 0.4280 0.7187 0.4986 -0.0748 20 0.4910 0.0742 0.4280 0.7187 0.4986 -0.0748 21 0.2755 0.0742 0.1302 0.4209 0.1730 -0.1025 22 0.2714 0.0742 0.1261 0.4168 0.4995 0.2281 23 <th>10</th> <th>0.4237</th> <th>0.0742</th> <th>0.2783</th> <th>0.5691</th> <th>0.3204</th> <th>-0.1033</th>	10	0.4237	0.0742	0.2783	0.5691	0.3204	-0.1033	
13 0.2467 0.0742 0.1013 0.3921 0.1851 -0.0616 14 0.3901 0.0742 0.2447 0.5355 0.3391 -0.0516 15 0.2286 0.0742 0.0832 0.3740 0.2582 0.0296 16 0.3607 0.0742 0.2153 0.5061 0.3690 0.0082 17 0.4660 0.0742 0.3206 0.6114 0.4522 -0.0138 18 0.4169 0.0742 0.2715 0.5622 0.5235 0.1067 19 0.5733 0.0742 0.4280 0.7187 0.4986 -0.0748 20 0.4910 0.0742 0.3456 0.6364 0.4225 -0.0685 21 0.2755 0.0742 0.1302 0.4209 0.1730 -0.1025 22 0.2714 0.0742 0.1302 0.4209 0.1730 -0.1025 23 0.4573 0.0742 0.3119 0.6027 0.4607 0.0034 24<	11	0.2955	0.0742	0.1502	0.4409	0.2725	-0.0230	
14 0.3901 0.0742 0.2447 0.5355 0.3391 -0.0510 15 0.2286 0.0742 0.0832 0.3740 0.2582 0.0296 16 0.3607 0.0742 0.2153 0.5061 0.3690 0.0082 17 0.4660 0.0742 0.3206 0.6114 0.4522 -0.0138 18 0.4169 0.0742 0.2715 0.5622 0.5235 0.1067 19 0.5733 0.0742 0.4280 0.7187 0.4986 -0.0748 20 0.4910 0.0742 0.3456 0.6364 0.4225 -0.0685 21 0.2755 0.0742 0.1302 0.4209 0.1730 -0.1025 22 0.2714 0.0742 0.1261 0.4168 0.4995 0.2281 23 0.4573 0.0742 0.3119 0.6027 0.4607 0.0034 24 0.4953 0.0742 0.3499 0.6406 0.6400 0.1448 25 <th>12</th> <th>0.2099</th> <th>0.0742</th> <th>0.0645</th> <th>0.3553</th> <th>0.2319</th> <th>0.0220</th>	12	0.2099	0.0742	0.0645	0.3553	0.2319	0.0220	
15 0.2286 0.0742 0.0832 0.3740 0.2582 0.0296 16 0.3607 0.0742 0.2153 0.5061 0.3690 0.0082 17 0.4660 0.0742 0.3206 0.6114 0.4522 -0.0138 18 0.4169 0.0742 0.2715 0.5622 0.5235 0.1067 19 0.5733 0.0742 0.4280 0.7187 0.4986 -0.0748 20 0.4910 0.0742 0.3456 0.6364 0.4225 -0.0685 21 0.2755 0.0742 0.1302 0.4209 0.1730 -0.1025 22 0.2714 0.0742 0.1302 0.4209 0.1730 -0.1025 23 0.4573 0.0742 0.1302 0.4209 0.1730 -0.1025 24 0.4953 0.0742 0.3119 0.6027 0.4607 0.0034 25 0.6060 0.0742 0.4606 0.7514 0.5942 -0.0119 26<	13	0.2467	0.0742	0.1013	0.3921	0.1851	-0.0616	
16 0.3607 0.0742 0.2153 0.5061 0.3690 0.0082 17 0.4660 0.0742 0.3206 0.6114 0.4522 -0.0138 18 0.4169 0.0742 0.2715 0.5622 0.5235 0.1067 19 0.5733 0.0742 0.4280 0.7187 0.4986 -0.0748 20 0.4910 0.0742 0.3456 0.6364 0.4225 -0.0685 21 0.2755 0.0742 0.1302 0.4209 0.1730 -0.1025 22 0.2714 0.0742 0.1261 0.4168 0.4995 0.2281 23 0.4573 0.0742 0.3119 0.6027 0.4607 0.0034 24 0.4953 0.0742 0.3499 0.6406 0.6400 0.1448 25 0.6060 0.0742 0.4606 0.7514 0.5942 -0.0119 26 0.8159 0.0742 0.4705 0.9613 0.8446 0.0287 27 <th>14</th> <th>0.3901</th> <th>0.0742</th> <th>0.2447</th> <th>0.5355</th> <th>0.3391</th> <th>-0.0510</th>	14	0.3901	0.0742	0.2447	0.5355	0.3391	-0.0510	
17 0.4660 0.0742 0.3206 0.6114 0.4522 -0.0138 18 0.4169 0.0742 0.2715 0.5622 0.5235 0.1067 19 0.5733 0.0742 0.4280 0.7187 0.4986 -0.0748 20 0.4910 0.0742 0.3456 0.6364 0.4225 -0.0685 21 0.2755 0.0742 0.1302 0.4209 0.1730 -0.1025 22 0.2714 0.0742 0.1261 0.4168 0.4995 0.2281 23 0.4573 0.0742 0.3119 0.6027 0.4607 0.0034 24 0.4953 0.0742 0.3499 0.6406 0.6400 0.1448 25 0.6060 0.0742 0.4606 0.7514 0.5942 -0.0119 26 0.8159 0.0742 0.4767 0.7675 0.5013 -0.1208 27 0.5802 0.0742 0.4767 0.7675 0.5013 -0.1208 28<	15	0.2286	0.0742	0.0832	0.3740	0.2582	0.0296	
18 0.4169 0.0742 0.2715 0.5622 0.5235 0.1067 19 0.5733 0.0742 0.4280 0.7187 0.4986 -0.0748 20 0.4910 0.0742 0.3456 0.6364 0.4225 -0.0685 21 0.2755 0.0742 0.1302 0.4209 0.1730 -0.1025 22 0.2714 0.0742 0.1261 0.4168 0.4995 0.2281 23 0.4573 0.0742 0.3119 0.6027 0.4607 0.0034 24 0.4953 0.0742 0.3499 0.6406 0.6400 0.1448 25 0.6060 0.0742 0.4606 0.7514 0.5942 -0.0119 26 0.8159 0.0742 0.4606 0.7514 0.5942 -0.0119 27 0.5802 0.0742 0.4767 0.7675 0.5013 -0.1208 28 0.6221 0.0742 0.4760 0.7488 0.6312 0.0279 30 </th <th>16</th> <th>0.3607</th> <th>0.0742</th> <th>0.2153</th> <th>0.5061</th> <th>0.3690</th> <th>0.0082</th>	16	0.3607	0.0742	0.2153	0.5061	0.3690	0.0082	
19 0.5733 0.0742 0.4280 0.7187 0.4986 -0.0748 20 0.4910 0.0742 0.3456 0.6364 0.4225 -0.0685 21 0.2755 0.0742 0.1302 0.4209 0.1730 -0.1025 22 0.2714 0.0742 0.1261 0.4168 0.4995 0.2281 23 0.4573 0.0742 0.3119 0.6027 0.4607 0.0034 24 0.4953 0.0742 0.3119 0.6027 0.4607 0.0034 25 0.6060 0.0742 0.4606 0.7514 0.5942 -0.0119 26 0.8159 0.0742 0.6705 0.9613 0.8446 0.0287 27 0.5802 0.0742 0.4767 0.7675 0.5013 -0.1208 28 0.6221 0.0742 0.4767 0.7675 0.5013 -0.1208 29 0.6034 0.0742 0.4580 0.7488 0.6312 0.0279 30 </th <th>17</th> <th>0.4660</th> <th>0.0742</th> <th>0.3206</th> <th>0.6114</th> <th>0.4522</th> <th>-0.0138</th>	17	0.4660	0.0742	0.3206	0.6114	0.4522	-0.0138	
20 0.4910 0.0742 0.3456 0.6364 0.4225 -0.0685 21 0.2755 0.0742 0.1302 0.4209 0.1730 -0.1025 22 0.2714 0.0742 0.1261 0.4168 0.4995 0.2281 23 0.4573 0.0742 0.3119 0.6027 0.4607 0.0034 24 0.4953 0.0742 0.3499 0.6406 0.6400 0.1448 25 0.6060 0.0742 0.4606 0.7514 0.5942 -0.0119 26 0.8159 0.0742 0.6705 0.9613 0.8446 0.0287 27 0.5802 0.0742 0.4767 0.7675 0.5013 -0.1208 28 0.6221 0.0742 0.4767 0.7675 0.5013 -0.1208 29 0.6034 0.0742 0.4580 0.7488 0.6312 0.0279 30 0.5763 0.0742 0.4309 0.7216 0.5728 -0.0034 31 </th <th>18</th> <th>0.4169</th> <th>0.0742</th> <th>0.2715</th> <th>0.5622</th> <th>0.5235</th> <th>0.1067</th>	18	0.4169	0.0742	0.2715	0.5622	0.5235	0.1067	
21 0.2755 0.0742 0.1302 0.4209 0.1730 -0.1025 22 0.2714 0.0742 0.1261 0.4168 0.4995 0.2281 23 0.4573 0.0742 0.3119 0.6027 0.4607 0.0034 24 0.4953 0.0742 0.3499 0.6406 0.6400 0.1448 25 0.6060 0.0742 0.4606 0.7514 0.5942 -0.0119 26 0.8159 0.0742 0.6705 0.9613 0.8446 0.0287 27 0.5802 0.0742 0.4348 0.7256 0.6630 0.0826 28 0.6221 0.0742 0.4580 0.7488 0.6312 0.0279 30 0.5763 0.0742 0.4580 0.7488 0.6312 0.0034 31 0.6964 0.0742 0.5510 0.8418 0.7914 0.0950 32 0.6315 0.0742 0.4861 0.7769 0.6849 0.0534 33	19	0.5733	0.0742	0.4280	0.7187	0.4986	-0.0748	
22 0.2714 0.0742 0.1261 0.4168 0.4995 0.2281 23 0.4573 0.0742 0.3119 0.6027 0.4607 0.0034 24 0.4953 0.0742 0.3499 0.6406 0.6400 0.1448 25 0.6060 0.0742 0.4606 0.7514 0.5942 -0.0119 26 0.8159 0.0742 0.6705 0.9613 0.8446 0.0287 27 0.5802 0.0742 0.4348 0.7256 0.6630 0.0828 28 0.6221 0.0742 0.4767 0.7675 0.5013 -0.1208 29 0.6034 0.0742 0.4580 0.7488 0.6312 0.0279 30 0.5763 0.0742 0.4309 0.7216 0.5728 -0.0034 31 0.6964 0.0742 0.5510 0.8418 0.7914 0.0950 32 0.6315 0.0742 0.5700 0.8608 0.7084 -0.0070 34 <th>20</th> <th>0.4910</th> <th>0.0742</th> <th>0.3456</th> <th>0.6364</th> <th>0.4225</th> <th>-0.0685</th>	20	0.4910	0.0742	0.3456	0.6364	0.4225	-0.0685	
23 0.4573 0.0742 0.3119 0.6027 0.4607 0.0034 24 0.4953 0.0742 0.3499 0.6406 0.6400 0.1448 25 0.6060 0.0742 0.4606 0.7514 0.5942 -0.0119 26 0.8159 0.0742 0.6705 0.9613 0.8446 0.0287 27 0.5802 0.0742 0.4348 0.7256 0.6630 0.0828 28 0.6221 0.0742 0.4767 0.7675 0.5013 -0.1208 29 0.6034 0.0742 0.4580 0.7488 0.6312 0.0279 30 0.5763 0.0742 0.4309 0.7216 0.5728 -0.0034 31 0.6964 0.0742 0.5510 0.8418 0.7914 0.0950 32 0.6315 0.0742 0.4861 0.7769 0.6849 0.0534 33 0.7154 0.0742 0.5922 0.8830 0.7057 -0.0319 34 <th>21</th> <th>0.2755</th> <th>0.0742</th> <th>0.1302</th> <th>0.4209</th> <th>0.1730</th> <th>-0.1025</th>	21	0.2755	0.0742	0.1302	0.4209	0.1730	-0.1025	
24 0.4953 0.0742 0.3499 0.6406 0.6400 0.1448 25 0.6060 0.0742 0.4606 0.7514 0.5942 -0.0119 26 0.8159 0.0742 0.6705 0.9613 0.8446 0.0287 27 0.5802 0.0742 0.4348 0.7256 0.6630 0.0828 28 0.6221 0.0742 0.4767 0.7675 0.5013 -0.1208 29 0.6034 0.0742 0.4580 0.7488 0.6312 0.0279 30 0.5763 0.0742 0.4309 0.7216 0.5728 -0.0034 31 0.6964 0.0742 0.5510 0.8418 0.7914 0.0950 32 0.6315 0.0742 0.4861 0.7769 0.6849 0.0534 33 0.7154 0.0742 0.5922 0.8830 0.7057 -0.0319 34 0.7376 0.0742 0.4220 0.7128 0.4945 -0.0730 36 <th>22</th> <th>0.2714</th> <th>0.0742</th> <th>0.1261</th> <th>0.4168</th> <th>0.4995</th> <th>0.2281</th>	22	0.2714	0.0742	0.1261	0.4168	0.4995	0.2281	
25 0.6060 0.0742 0.4606 0.7514 0.5942 -0.0119 26 0.8159 0.0742 0.6705 0.9613 0.8446 0.0287 27 0.5802 0.0742 0.4348 0.7256 0.6630 0.0828 28 0.6221 0.0742 0.4767 0.7675 0.5013 -0.1208 29 0.6034 0.0742 0.4580 0.7488 0.6312 0.0279 30 0.5763 0.0742 0.4309 0.7216 0.5728 -0.0034 31 0.6964 0.0742 0.4861 0.7769 0.6849 0.0534 32 0.6315 0.0742 0.5700 0.8608 0.7084 -0.0070 34 0.7376 0.0742 0.5922 0.8830 0.7057 -0.0319 35 0.5674 0.0742 0.4220 0.7128 0.4945 -0.0730 36 0.5996 0.0742 0.4542 0.7450 0.6963 0.0967 37 </th <th>23</th> <th>0.4573</th> <th>0.0742</th> <th>0.3119</th> <th>0.6027</th> <th>0.4607</th> <th>0.0034</th>	23	0.4573	0.0742	0.3119	0.6027	0.4607	0.0034	
26 0.8159 0.0742 0.6705 0.9613 0.8446 0.0287 27 0.5802 0.0742 0.4348 0.7256 0.6630 0.0828 28 0.6221 0.0742 0.4767 0.7675 0.5013 -0.1208 29 0.6034 0.0742 0.4580 0.7488 0.6312 0.0279 30 0.5763 0.0742 0.4309 0.7216 0.5728 -0.0034 31 0.6964 0.0742 0.5510 0.8418 0.7914 0.0950 32 0.6315 0.0742 0.4861 0.7769 0.6849 0.0534 33 0.7154 0.0742 0.5700 0.8608 0.7084 -0.0070 34 0.7376 0.0742 0.5922 0.8830 0.7057 -0.0319 35 0.5674 0.0742 0.4220 0.7128 0.4945 -0.0730 36 0.5996 0.0742 0.4542 0.7450 0.6963 0.0715 38 <th>24</th> <th>0.4953</th> <th>0.0742</th> <th>0.3499</th> <th>0.6406</th> <th>0.6400</th> <th>0.1448</th>	24	0.4953	0.0742	0.3499	0.6406	0.6400	0.1448	
27 0.5802 0.0742 0.4348 0.7256 0.6630 0.0828 28 0.6221 0.0742 0.4767 0.7675 0.5013 -0.1208 29 0.6034 0.0742 0.4580 0.7488 0.6312 0.0279 30 0.5763 0.0742 0.4309 0.7216 0.5728 -0.0034 31 0.6964 0.0742 0.5510 0.8418 0.7914 0.0950 32 0.6315 0.0742 0.4861 0.7769 0.6849 0.0534 33 0.7154 0.0742 0.5700 0.8608 0.7084 -0.0070 34 0.7376 0.0742 0.5922 0.8830 0.7057 -0.0319 35 0.5674 0.0742 0.4220 0.7128 0.4945 -0.0730 36 0.5996 0.0742 0.4542 0.7450 0.6963 0.0967 37 0.7121 0.0742 0.5667 0.8575 0.7835 0.0715 38 <th>25</th> <th>0.6060</th> <th>0.0742</th> <th>0.4606</th> <th>0.7514</th> <th>0.5942</th> <th>-0.0119</th>	25	0.6060	0.0742	0.4606	0.7514	0.5942	-0.0119	
28 0.6221 0.0742 0.4767 0.7675 0.5013 -0.1208 29 0.6034 0.0742 0.4580 0.7488 0.6312 0.0279 30 0.5763 0.0742 0.4309 0.7216 0.5728 -0.0034 31 0.6964 0.0742 0.5510 0.8418 0.7914 0.0950 32 0.6315 0.0742 0.4861 0.7769 0.6849 0.0534 33 0.7154 0.0742 0.5700 0.8608 0.7084 -0.0070 34 0.7376 0.0742 0.5922 0.8830 0.7057 -0.0319 35 0.5674 0.0742 0.4220 0.7128 0.4945 -0.0730 36 0.5996 0.0742 0.4542 0.7450 0.6963 0.0967 37 0.7121 0.0742 0.5667 0.8575 0.7835 0.0715 38 0.6935 0.0742 0.4632 0.7539 0.6214 0.0129 39 <th>26</th> <th>0.8159</th> <th>0.0742</th> <th>0.6705</th> <th>0.9613</th> <th>0.8446</th> <th>0.0287</th>	26	0.8159	0.0742	0.6705	0.9613	0.8446	0.0287	
29 0.6034 0.0742 0.4580 0.7488 0.6312 0.0279 30 0.5763 0.0742 0.4309 0.7216 0.5728 -0.0034 31 0.6964 0.0742 0.5510 0.8418 0.7914 0.0950 32 0.6315 0.0742 0.4861 0.7769 0.6849 0.0534 33 0.7154 0.0742 0.5700 0.8608 0.7084 -0.0070 34 0.7376 0.0742 0.5922 0.8830 0.7057 -0.0319 35 0.5674 0.0742 0.4220 0.7128 0.4945 -0.0730 36 0.5996 0.0742 0.4542 0.7450 0.6963 0.0967 37 0.7121 0.0742 0.5667 0.8575 0.7835 0.0715 38 0.6935 0.0742 0.5481 0.8389 0.6669 -0.0266 39 0.6085 0.0742 0.4632 0.7539 0.6214 0.0129	27	0.5802	0.0742	0.4348	0.7256	0.6630	0.0828	
30 0.5763 0.0742 0.4309 0.7216 0.5728 -0.0034 31 0.6964 0.0742 0.5510 0.8418 0.7914 0.0950 32 0.6315 0.0742 0.4861 0.7769 0.6849 0.0534 33 0.7154 0.0742 0.5700 0.8608 0.7084 -0.0070 34 0.7376 0.0742 0.5922 0.8830 0.7057 -0.0319 35 0.5674 0.0742 0.4220 0.7128 0.4945 -0.0730 36 0.5996 0.0742 0.4542 0.7450 0.6963 0.0967 37 0.7121 0.0742 0.5667 0.8575 0.7835 0.0715 38 0.6935 0.0742 0.5481 0.8389 0.6669 -0.0266 39 0.6085 0.0742 0.4632 0.7539 0.6214 0.0129	28	0.6221	0.0742	0.4767	0.7675	0.5013	-0.1208	
31 0.6964 0.0742 0.5510 0.8418 0.7914 0.0950 32 0.6315 0.0742 0.4861 0.7769 0.6849 0.0534 33 0.7154 0.0742 0.5700 0.8608 0.7084 -0.0070 34 0.7376 0.0742 0.5922 0.8830 0.7057 -0.0319 35 0.5674 0.0742 0.4220 0.7128 0.4945 -0.0730 36 0.5996 0.0742 0.4542 0.7450 0.6963 0.0967 37 0.7121 0.0742 0.5667 0.8575 0.7835 0.0715 38 0.6935 0.0742 0.5481 0.8389 0.6669 -0.0266 39 0.6085 0.0742 0.4632 0.7539 0.6214 0.0129	29	0.6034	0.0742	0.4580	0.7488	0.6312	0.0279	
32 0.6315 0.0742 0.4861 0.7769 0.6849 0.0534 33 0.7154 0.0742 0.5700 0.8608 0.7084 -0.0070 34 0.7376 0.0742 0.5922 0.8830 0.7057 -0.0319 35 0.5674 0.0742 0.4220 0.7128 0.4945 -0.0730 36 0.5996 0.0742 0.4542 0.7450 0.6963 0.0967 37 0.7121 0.0742 0.5667 0.8575 0.7835 0.0715 38 0.6935 0.0742 0.5481 0.8389 0.6669 -0.0266 39 0.6085 0.0742 0.4632 0.7539 0.6214 0.0129	30	0.5763	0.0742	0.4309	0.7216	0.5728	-0.0034	
33 0.7154 0.0742 0.5700 0.8608 0.7084 -0.0070 34 0.7376 0.0742 0.5922 0.8830 0.7057 -0.0319 35 0.5674 0.0742 0.4220 0.7128 0.4945 -0.0730 36 0.5996 0.0742 0.4542 0.7450 0.6963 0.0967 37 0.7121 0.0742 0.5667 0.8575 0.7835 0.0715 38 0.6935 0.0742 0.5481 0.8389 0.6669 -0.0266 39 0.6085 0.0742 0.4632 0.7539 0.6214 0.0129	31	0.6964	0.0742	0.5510	0.8418	0.7914	0.0950	
34 0.7376 0.0742 0.5922 0.8830 0.7057 -0.0319 35 0.5674 0.0742 0.4220 0.7128 0.4945 -0.0730 36 0.5996 0.0742 0.4542 0.7450 0.6963 0.0967 37 0.7121 0.0742 0.5667 0.8575 0.7835 0.0715 38 0.6935 0.0742 0.5481 0.8389 0.6669 -0.0266 39 0.6085 0.0742 0.4632 0.7539 0.6214 0.0129	32	0.6315	0.0742	0.4861	0.7769	0.6849	0.0534	
35 0.5674 0.0742 0.4220 0.7128 0.4945 -0.0730 36 0.5996 0.0742 0.4542 0.7450 0.6963 0.0967 37 0.7121 0.0742 0.5667 0.8575 0.7835 0.0715 38 0.6935 0.0742 0.5481 0.8389 0.6669 -0.0266 39 0.6085 0.0742 0.4632 0.7539 0.6214 0.0129	33	0.7154	0.0742	0.5700	0.8608	0.7084	-0.0070	
36 0.5996 0.0742 0.4542 0.7450 0.6963 0.0967 37 0.7121 0.0742 0.5667 0.8575 0.7835 0.0715 38 0.6935 0.0742 0.5481 0.8389 0.6669 -0.0266 39 0.6085 0.0742 0.4632 0.7539 0.6214 0.0129	34	0.7376	0.0742	0.5922	0.8830	0.7057	-0.0319	
37 0.7121 0.0742 0.5667 0.8575 0.7835 0.0715 38 0.6935 0.0742 0.5481 0.8389 0.6669 -0.0266 39 0.6085 0.0742 0.4632 0.7539 0.6214 0.0129	35	0.5674	0.0742	0.4220	0.7128	0.4945	-0.0730	
38 0.6935 0.0742 0.5481 0.8389 0.6669 -0.0266 39 0.6085 0.0742 0.4632 0.7539 0.6214 0.0129	36	0.5996	0.0742	0.4542	0.7450	0.6963	0.0967	
39 0.6085 0.0742 0.4632 0.7539 0.6214 0.0129	37	0.7121	0.0742	0.5667	0.8575	0.7835	0.0715	
	38	0.6935	0.0742	0.5481	0.8389	0.6669	-0.0266	
40 0.7233 0.0742 0.5780 0.8687 0.7014 -0.0220	39	0.6085	0.0742	0.4632	0.7539	0.6214	0.0129	
0.7233 0.3742 0.3700 0.0007 0.7014 -0.0220	40	0.7233	0.0742	0.5780	0.8687	0.7014	-0.0220	
41 0.5583 0.0742 0.4129 0.7037 0.5593 0.0010	41	0.5583	0.0742	0.4129	0.7037	0.5593	0.0010	

Forecasts for variable kW_Gen							
Obs	Forecast	Std Error	95% Confidence Limits		Actual	Residual	
42	0.5685	0.0742	0.4231	0.7139	0.6480	0.0795	
43	0.6856	0.0742	0.5402	0.8310			





Outlier Detection Summary		
Maximum number searched	1	
Number found	1	
Significance used	0.05	

Outlier Details				
Obs Type		Estimate	Chi-Square	Approx Prob>ChiSq
22	Shift	0.20725	25.81	<.0001