| 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
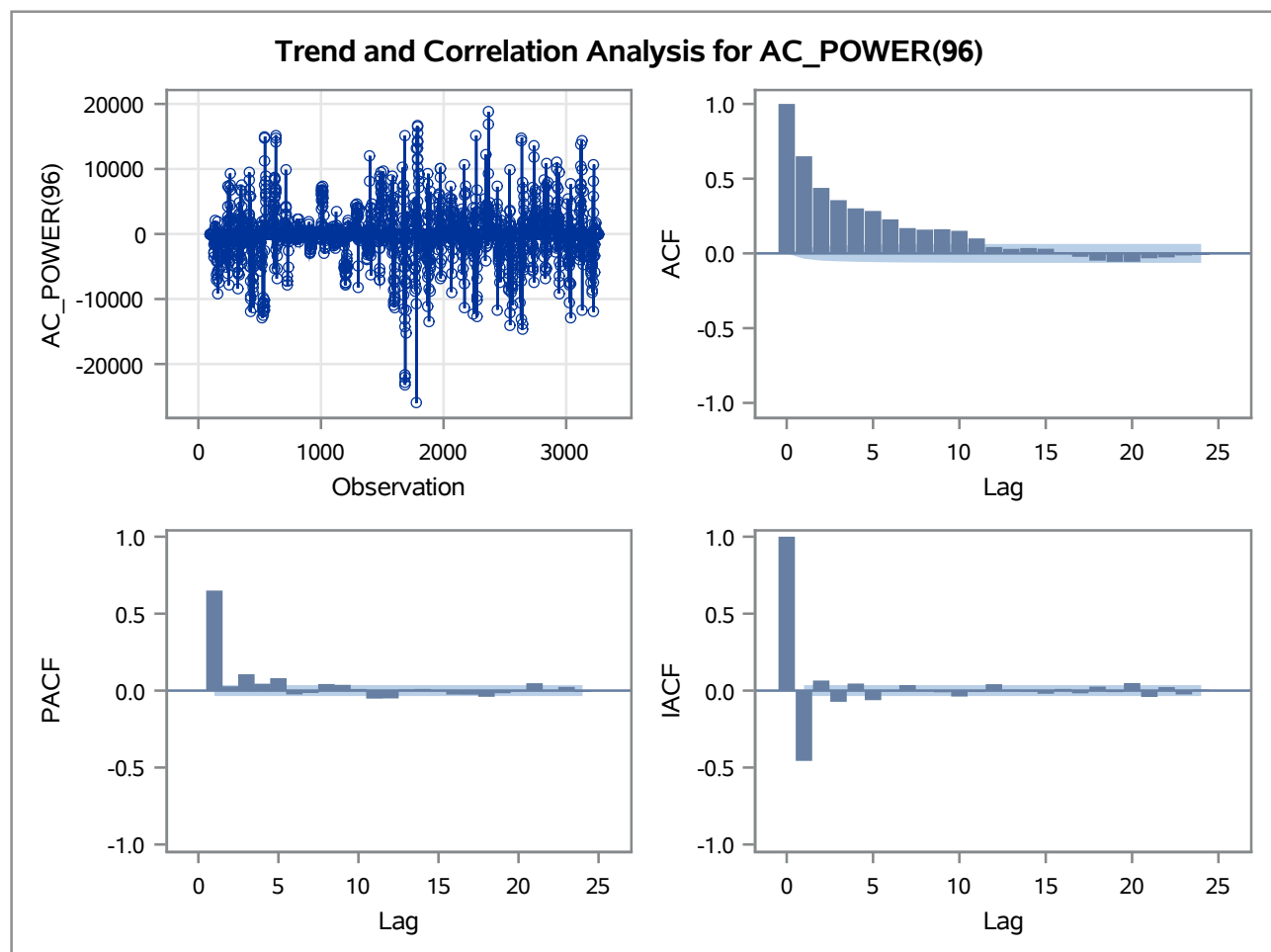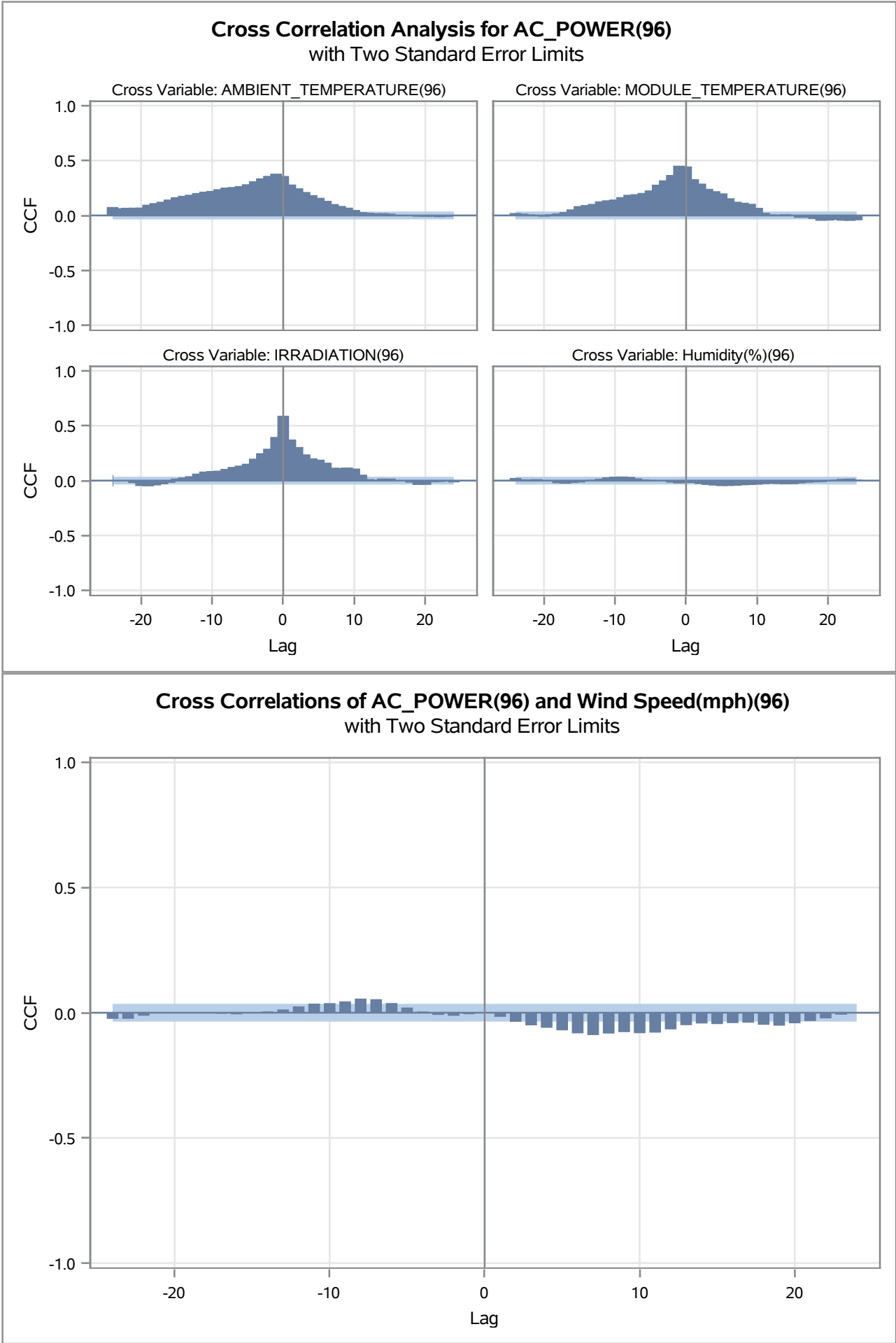
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Maximum Likelihood Estimation** | | | | | | | |
| Parameter | Estimate | Standard Error | t Value | Approx Pr > \|t\| | Lag | Variable | Shift |
| MU | 29.29634 | 139.69411 | 0.21 | 0.8339 | 0 | AC_POWER | 0 |
| MA1,1 | 0.42252 | 0.15871 | 2.66 | 0.0078 | 1 | AC_POWER | 0 |
| MA1,2 | -0.17906 | 0.14626 | -1.22 | 0.2209 | 2 | AC_POWER | 0 |
| MA1,3 | -0.30993 | 0.10049 | -3.08 | 0.0020 | 3 | AC_POWER | 0 |
| MA1,4 | 0.40495 | 0.08657 | 4.68 | <.0001 | 4 | AC_POWER | 0 |
| AR1,1 | 1.11006 | 0.16092 | 6.90 | <.0001 | 1 | AC_POWER | 0 |
| AR1,2 | -0.60779 | 0.20563 | -2.96 | 0.0031 | 2 | AC_POWER | 0 |
| AR1,3 | -0.01468 | 0.20219 | -0.07 | 0.9421 | 3 | AC_POWER | 0 |
| AR1,4 | 0.55794 | 0.15161 | 3.68 | 0.0002 | 4 | AC_POWER | 0 |
| AR1,5 | -0.20465 | 0.08004 | -2.56 | 0.0106 | 5 | AC_POWER | 0 |
| NUM1 | 884.07241 | 73.29433 | 12.06 | <.0001 | 0 | AMBIENT_TEMPERATURE | 0 |
| NUM2 | -409.17812 | 71.16291 | -5.75 | <.0001 | 0 | AMBIENT_TEMPERATURE | 1 |
| NUM3 | -394.08943 | 25.09151 | -15.71 | <.0001 | 0 | MODULE_TEMPERATURE | 0 |
| NUM4 | 135.28466 | 20.27689 | 6.67 | <.0001 | 0 | MODULE_TEMPERATURE | 1 |
| NUM5 | 20390.8 | 490.05229 | 41.61 | <.0001 | 0 | IRRADIATION | 0 |
| NUM6 | 5.50002 | 10.76612 | 0.51 | 0.6094 | 0 | Humidity(%) | 0 |
| NUM7 | 27.22628 | 22.24388 | 1.22 | 0.2210 | 0 | Wind Speed(mph) | 0 |
| NUM8 | -1.40302 | 27.07684 | -0.05 | 0.9587 | 0 | Wind Speed(mph) | 1 |
| NUM9 | -27.40662 | 22.23799 | -1.23 | 0.2178 | 0 | Wind Speed(mph) | 2 |

| | |
|---|---|
| **Constant Estimate** | 4.661454 |
| **Variance Estimate** | 3568683 |
| **Std Error Estimate** | 1889.096 |
| **AIC** | 56772.12 |
| **SBC** | 56887.27 |
| **Number of Residuals** | 3166 |

| Variable / Parameter | | AC_POWER MU | AC_POWER MA1,1 | AC_POWER MA1,2 | AC_POWER MA1,3 | AC_POWER MA1,4 | AC_POWER AR1,1 | AC_POWER AR1,2 | AC_POWER AR1,3 |
|---|---|---|---|---|---|---|---|---|---|
| **Correlations of Parameter Estimates** | | | | | | | | | |
| **AC_POWER** | **MU** | 1.000 | 0.004 | 0.001 | 0.001 | 0.004 | 0.004 | -0.001 | 0.000 |
| **AC_POWER** | **MA1,1** | 0.004 | 1.000 | -0.218 | 0.163 | 0.404 | 0.994 | -0.706 | 0.318 |
| **AC_POWER** | **MA1,2** | 0.001 | -0.218 | 1.000 | -0.765 | 0.425 | -0.215 | 0.834 | -0.933 |
| **AC_POWER** | **MA1,3** | 0.001 | 0.163 | -0.765 | 1.000 | -0.505 | 0.173 | -0.659 | 0.914 |
| **AC_POWER** | **MA1,4** | 0.004 | 0.404 | 0.425 | -0.505 | 1.000 | 0.396 | 0.103 | -0.443 |
| **AC_POWER** | **AR1,1** | 0.004 | 0.994 | -0.215 | 0.173 | 0.396 | 1.000 | -0.711 | 0.327 |
| **AC_POWER** | **AR1,2** | -0.001 | -0.706 | 0.834 | -0.659 | 0.103 | -0.711 | 1.000 | -0.866 |
| **AC_POWER** | **AR1,3** | 0.000 | 0.318 | -0.933 | 0.914 | -0.443 | 0.327 | -0.866 | 1.000 |
| **AC_POWER** | **AR1,4** | 0.002 | 0.012 | 0.800 | -0.870 | 0.805 | 0.004 | 0.596 | -0.877 |
| **AC_POWER** | **AR1,5** | -0.003 | -0.420 | -0.635 | 0.607 | -0.913 | -0.423 | -0.239 | 0.608 |
| **AMBIENT_TEMPERATURE** | **NUM1** | 0.030 | 0.034 | -0.018 | 0.023 | 0.017 | 0.022 | -0.016 | 0.011 |
| **AMBIENT_TEMPERATURE** | **NUM2** | 0.028 | 0.023 | 0.027 | -0.008 | 0.039 | 0.028 | -0.006 | -0.001 |
| **MODULE_TEMPERATURE** | **NUM3** | -0.014 | -0.035 | 0.037 | -0.038 | -0.005 | -0.021 | 0.021 | -0.018 |
| **MODULE_TEMPERATURE** | **NUM4** | -0.012 | -0.016 | -0.026 | 0.030 | -0.033 | -0.021 | 0.007 | 0.003 |
| **IRRADIATION** | **NUM5** | 0.009 | 0.031 | -0.048 | 0.055 | -0.023 | 0.023 | -0.035 | 0.036 |
| **Humidity(%)** | **NUM6** | -0.033 | -0.018 | -0.008 | 0.020 | -0.024 | -0.013 | 0.000 | 0.015 |
| **Wind Speed(mph)** | **NUM7** | -0.001 | -0.027 | -0.015 | 0.008 | -0.024 | -0.026 | 0.004 | 0.008 |
| **Wind Speed(mph)** | **NUM8** | 0.001 | 0.013 | 0.000 | -0.012 | 0.011 | 0.012 | -0.006 | -0.004 |
| **Wind Speed(mph)** | **NUM9** | -0.002 | -0.025 | 0.001 | -0.001 | -0.033 | -0.024 | 0.012 | -0.003 |

| Variable<br>Parameter | | AC_POWER<br>AR1,4 | AC_POWER<br>AR1,5 | AMBIENT_TEMPERATURE<br>NUM1 | AMBIENT_TEMPERATURE<br>NUM2 | MODULE_TEMPERATURE<br>NUM3 |
|---|---|---|---|---|---|---|
| AC_POWER | MU | 0.002 | -0.003 | 0.030 | 0.028 | -0.014 |
| AC_POWER | MA1,1 | 0.012 | -0.420 | 0.034 | 0.023 | -0.035 |
| AC_POWER | MA1,2 | 0.800 | -0.635 | -0.018 | 0.027 | 0.037 |
| AC_POWER | MA1,3 | -0.870 | 0.607 | 0.023 | -0.008 | -0.038 |
| AC_POWER | MA1,4 | 0.805 | -0.913 | 0.017 | 0.039 | -0.005 |
| AC_POWER | AR1,1 | 0.004 | -0.423 | 0.022 | 0.028 | -0.021 |
| AC_POWER | AR1,2 | 0.596 | -0.239 | -0.016 | -0.006 | 0.021 |
| AC_POWER | AR1,3 | -0.877 | 0.608 | 0.011 | -0.001 | -0.018 |
| AC_POWER | AR1,4 | 1.000 | -0.878 | 0.004 | 0.014 | 0.001 |
| AC_POWER | AR1,5 | -0.878 | 1.000 | -0.012 | -0.028 | 0.011 |
| AMBIENT_TEMPERATURE<br>NUM1 | | 0.004 | -0.012 | 1.000 | -0.482 | -0.687 |
| AMBIENT_TEMPERATURE<br>NUM2 | | 0.014 | -0.028 | -0.482 | 1.000 | 0.300 |
| MODULE_TEMPERATURE<br>NUM3 | | 0.001 | 0.011 | -0.687 | 0.300 | 1.000 |
| MODULE_TEMPERATURE<br>NUM4 | | -0.011 | 0.016 | 0.270 | -0.717 | -0.372 |
| IRRADIATION | NUM5 | -0.025 | 0.008 | 0.180 | -0.091 | -0.617 |
| Humidity(%) | NUM6 | -0.022 | 0.021 | -0.032 | 0.028 | 0.020 |
| Wind Speed(mph)<br>NUM7 | | -0.017 | 0.024 | -0.068 | 0.045 | 0.022 |
| Wind Speed(mph)<br>NUM8 | | 0.010 | -0.009 | 0.090 | -0.061 | -0.031 |
| Wind Speed(mph)<br>NUM9 | | -0.016 | 0.025 | -0.102 | 0.067 | 0.054 |

Correlations of Parameter Estimates

| Correlations of Parameter Estimates | | | | | | |
|---|---|---|---|---|---|---|
| Variable<br>Parameter | MODULE_TEMPERATURE<br>NUM4 | IRRADIATION<br>NUM5 | Humidity(%)<br>NUM6 | Wind Speed(mph)<br>NUM7 | Wind Speed(mph)<br>NUM8 | Wind Speed(mph)<br>NUM9 |
| AC_POWER          MU | -0.012 | 0.009 | -0.033 | -0.001 | 0.001 | -0.002 |
| AC_POWER          MA1,1 | -0.016 | 0.031 | -0.018 | -0.027 | 0.013 | -0.025 |
| AC_POWER          MA1,2 | -0.026 | -0.048 | -0.008 | -0.015 | 0.000 | 0.001 |
| AC_POWER          MA1,3 | 0.030 | 0.055 | 0.020 | 0.008 | -0.012 | -0.001 |
| AC_POWER          MA1,4 | -0.033 | -0.023 | -0.024 | -0.024 | 0.011 | -0.033 |
| AC_POWER          AR1,1 | -0.021 | 0.023 | -0.013 | -0.026 | 0.012 | -0.024 |
| AC_POWER          AR1,2 | 0.007 | -0.035 | 0.000 | 0.004 | -0.006 | 0.012 |
| AC_POWER          AR1,3 | 0.003 | 0.036 | 0.015 | 0.008 | -0.004 | -0.003 |
| AC_POWER          AR1,4 | -0.011 | -0.025 | -0.022 | -0.017 | 0.010 | -0.016 |
| AC_POWER          AR1,5 | 0.016 | 0.008 | 0.021 | 0.024 | -0.009 | 0.025 |
| AMBIENT_TEMPERATURE<br>NUM1 | 0.270 | 0.180 | -0.032 | -0.068 | 0.090 | -0.102 |
| AMBIENT_TEMPERATURE<br>NUM2 | -0.717 | -0.091 | 0.028 | 0.045 | -0.061 | 0.067 |
| MODULE_TEMPERATURE<br>NUM3 | -0.372 | -0.617 | 0.020 | 0.022 | -0.031 | 0.054 |
| MODULE_TEMPERATURE<br>NUM4 | 1.000 | 0.283 | -0.009 | 0.025 | -0.013 | -0.013 |
| IRRADIATION          NUM5 | 0.283 | 1.000 | -0.009 | -0.013 | -0.006 | -0.006 |
| Humidity(%)          NUM6 | -0.009 | -0.009 | 1.000 | 0.022 | -0.010 | 0.007 |
| Wind Speed(mph)<br>NUM7 | 0.025 | -0.013 | 0.022 | 1.000 | -0.625 | 0.308 |
| Wind Speed(mph)<br>NUM8 | -0.013 | -0.006 | -0.010 | -0.625 | 1.000 | -0.625 |
| Wind Speed(mph)<br>NUM9 | -0.013 | -0.006 | 0.007 | 0.308 | -0.625 | 1.000 |

| Autocorrelation Check of Residuals | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| To<br>Lag | Chi-Square | DF | Pr > ChiSq | Autocorrelations | | | | | | |
| 6 | . | 0 | . | -0.002 | 0.006 | 0.001 | -0.014 | 0.014 | -0.013 | |
| 12 | 7.91 | 3 | 0.0480 | -0.021 | 0.028 | 0.000 | 0.010 | 0.024 | 0.001 | |
| 18 | 18.08 | 9 | 0.0343 | 0.001 | 0.010 | -0.021 | 0.027 | -0.008 | -0.043 | |
| 24 | 25.19 | 15 | 0.0474 | -0.011 | -0.024 | 0.005 | -0.024 | 0.016 | 0.026 | |
| 30 | 31.47 | 21 | 0.0662 | -0.041 | -0.002 | 0.013 | -0.011 | 0.001 | -0.003 | |
| 36 | 33.28 | 27 | 0.1880 | -0.014 | 0.002 | 0.006 | -0.013 | 0.012 | -0.005 | |
| 42 | 33.62 | 33 | 0.4371 | 0.004 | -0.002 | 0.004 | -0.007 | 0.005 | -0.001 | |
| 48 | 34.02 | 39 | 0.6963 | 0.009 | 0.001 | 0.000 | 0.000 | 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)
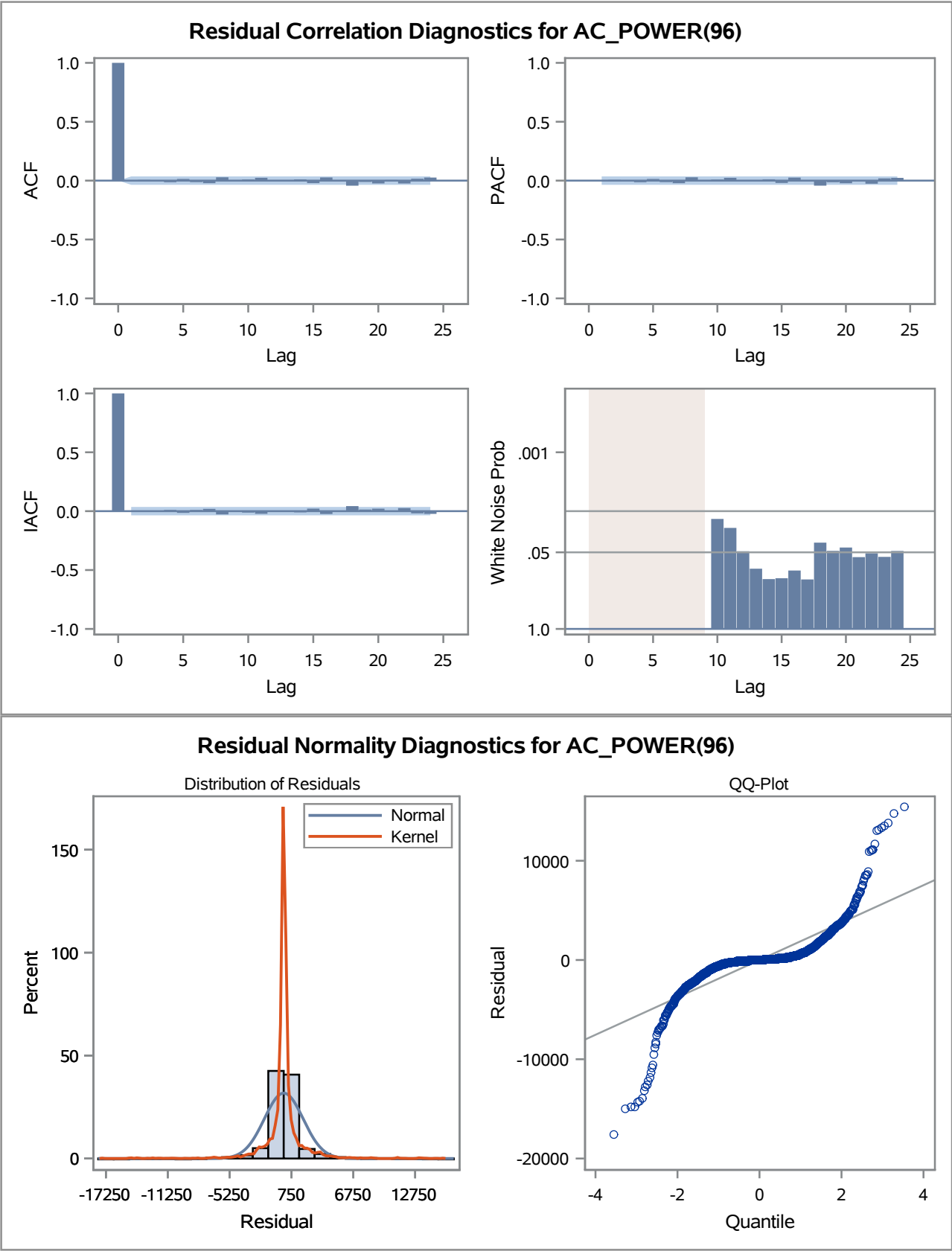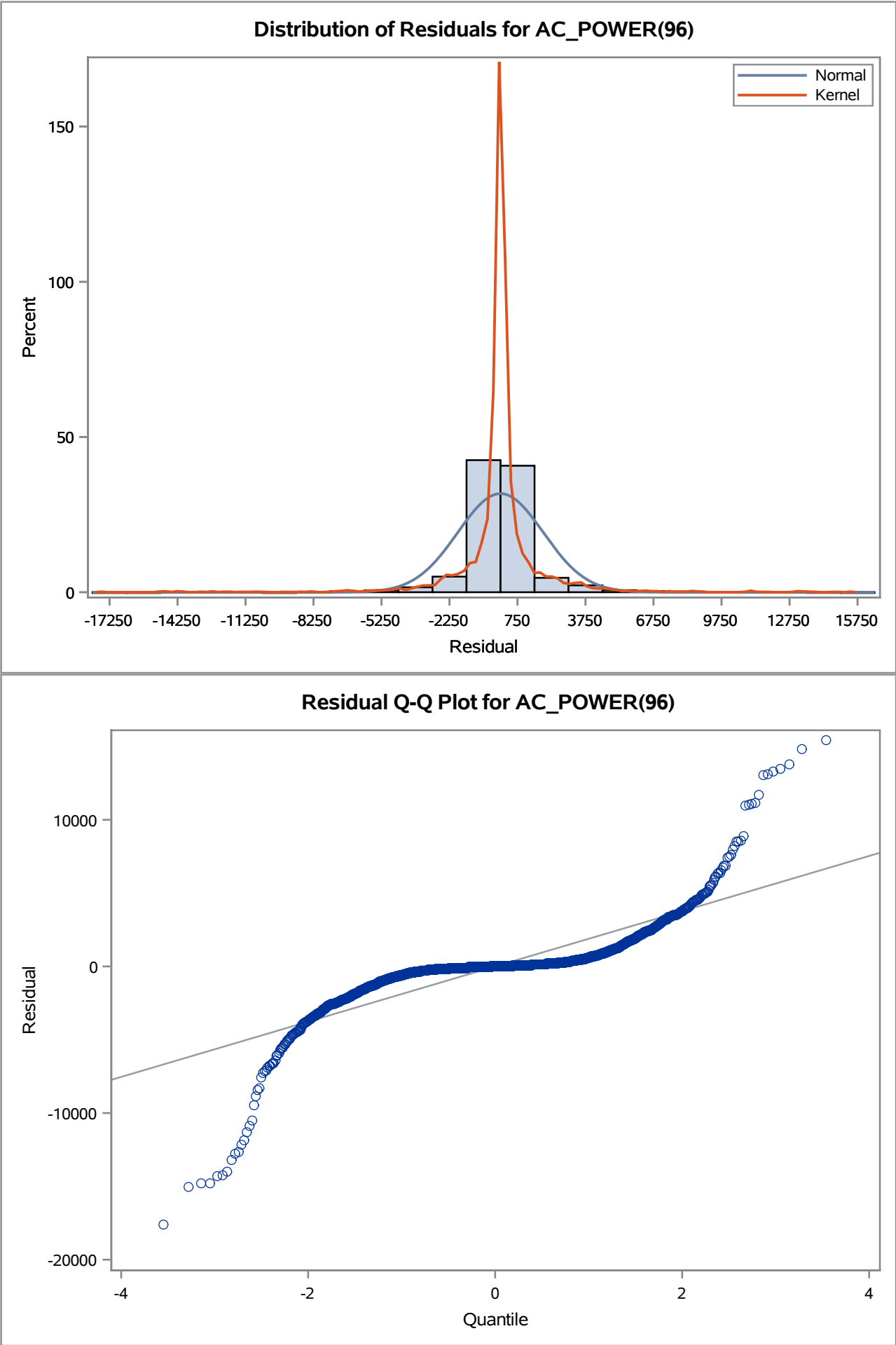
| Model for variable AC_POWER | |
| --- | --- |
| **Estimated Intercept** | 29.29634 |
| **Period(s) of Differencing** | 96 |

| Autoregressive Factors | |
| --- | --- |
| **Factor 1:** | 1 - 1.11006 B**(1) + 0.60779 B**(2) + 0.01468 B**(3) - 0.55794 B**(4) + 0.20465 B**(5) |

| Moving Average Factors | |
| --- | --- |
| **Factor 1:** | 1 - 0.42252 B**(1) + 0.17906 B**(2) + 0.30993 B**(3) - 0.40495 B**(4) |

| Input Number 1 | |
| --- | --- |
| **Input Variable** | AMBIENT_TEMPERATURE |
| **Period(s) of Differencing** | 96 |
| **Overall Regression Factor** | 884.0724 |

| Input Number 2 | |
| --- | --- |
| **Input Variable** | AMBIENT_TEMPERATURE |
| **Shift** | 1 |
| **Period(s) of Differencing** | 96 |
| **Overall Regression Factor** | -409.178 |

| Input Number 3 | |
| --- | --- |
| **Input Variable** | MODULE_TEMPERATURE |
| **Period(s) of Differencing** | 96 |
| **Overall Regression Factor** | -394.089 |

| Input Number 4 | |
| --- | --- |
| **Input Variable** | MODULE_TEMPERATURE |
| **Shift** | 1 |
| **Period(s) of Differencing** | 96 |
| **Overall Regression Factor** | 135.2847 |

| Input Number 5 | |
| --- | --- |
| **Input Variable** | IRRADIATION |
| **Period(s) of Differencing** | 96 |
| **Overall Regression Factor** | 20390.83 |

| Input Number 6 | |
| --- | --- |
| Input Variable | Humidity(%) |
| Period(s) of Differencing | 96 |
| Overall Regression Factor | 5.500021 |

| Input Number 7 | |
| --- | --- |
| Input Variable | Wind Speed(mph) |
| Period(s) of Differencing | 96 |
| Overall Regression Factor | 27.22628 |

| Input Number 8 | |
| --- | --- |
| Input Variable | Wind Speed(mph) |
| Shift | 1 |
| Period(s) of Differencing | 96 |
| Overall Regression Factor | -1.40302 |

| Input Number 9 | |
| --- | --- |
| Input Variable | Wind Speed(mph) |
| Shift | 2 |
| Period(s) of Differencing | 96 |
| Overall Regression Factor | -27.4066 |

**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** | -155.9042 | 2602.0848 | -5255.8967 | 4944.0882 | 0.0000 | 155.9042 |
| **100** | 89.4137 | 1930.4068 | -3694.1142 | 3872.9416 | 0.0000 | -89.4137 |
| **101** | 78.2302 | 1928.9045 | -3702.3533 | 3858.8136 | 0.0000 | -78.2302 |
| **102** | 176.8196 | 1906.1589 | -3559.1833 | 3912.8224 | 0.0000 | -176.8196 |
| **103** | -40.9628 | 1900.2820 | -3765.4471 | 3683.5215 | 0.0000 | 40.9628 |
| **104** | 52.9294 | 1895.0399 | -3661.2805 | 3767.1393 | 0.0000 | -52.9294 |
| **105** | -242.9430 | 1893.0707 | -3953.2934 | 3467.4075 | 0.0000 | 242.9430 |
| **106** | 149.5048 | 1893.0519 | -3560.8088 | 3859.8185 | 0.0000 | -149.5048 |
| **107** | -31.5790 | 1892.7256 | -3741.2531 | 3678.0950 | 0.0000 | 31.5790 |
| **108** | -181.9008 | 1890.2618 | -3886.7460 | 3522.9443 | 0.0000 | 181.9008 |
| **109** | -74.3896 | 1890.2597 | -3779.2305 | 3630.4513 | 0.0000 | 74.3896 |
| **110** | -7.6267 | 1890.0830 | -3712.1213 | 3696.8679 | 0.0000 | 7.6267 |
| **111** | 186.5525 | 1889.9028 | -3517.5889 | 3890.6939 | 0.0000 | -186.5525 |
| **112** | 85.8354 | 1889.6064 | -3617.7251 | 3789.3960 | 0.0000 | -85.8354 |
| **113** | 71.5086 | 1889.4325 | -3631.7110 | 3774.7282 | 0.0000 | -71.5086 |
| **114** | -154.5119 | 1889.4308 | -3857.7283 | 3548.7045 | 0.0000 | 154.5119 |
| **115** | 142.2428 | 1889.2725 | -3560.6633 | 3845.1489 | 0.0000 | -142.2428 |
| **116** | 7.1590 | 1889.2654 | -3695.7331 | 3710.0512 | 0.0000 | -7.1590 |
| **117** | -125.1897 | 1889.2286 | -3828.0097 | 3577.6303 | 0.0000 | 125.1897 |
| **118** | -48.4890 | 1889.1730 | -3751.2000 | 3654.2220 | 0.0000 | 48.4890 |
| **119** | 2.6797 | 1889.1681 | -3700.0218 | 3705.3811 | 0.0000 | -2.6797 |
| **120** | 129.2156 | 1889.1408 | -3573.4323 | 3831.8636 | 0.0000 | -129.2156 |
| **121** | 639.6373 | 1889.1380 | -3063.0052 | 4342.2798 | 302.6719 | -336.9654 |
| **122** | 710.3577 | 1889.1226 | -2992.2545 | 4412.9698 | 998.9067 | 288.5490 |
| **123** | 1952.3368 | 1889.1153 | -1750.2612 | 5654.9349 | 1836.4486 | -115.8883 |
| **124** | 3385.3807 | 1889.1140 | -317.2147 | 7087.9760 | 2715.6867 | -669.6940 |
| **125** | 5179.3241 | 1889.1057 | 1476.7449 | 8881.9033 | 3625.8438 | -1553.4803 |
| **126** | 5603.9904 | 1889.1057 | 1901.4113 | 9306.5695 | 5433.6048 | -170.3857 |
| **127** | 9213.9692 | 1889.0958 | 5511.4094 | 12916.5290 | 8408.2333 | -805.7359 |
| **128** | 7720.4171 | 1889.0958 | 4017.8573 | 11422.9769 | 8324.6024 | 604.1852 |
| **129** | 10769.6395 | 1889.0958 | 7067.0797 | 14472.1992 | 11720.8733 | 951.2339 |
| **130** | 12364.5841 | 1889.0958 | 8662.0243 | 16067.1439 | 13420.2119 | 1055.6278 |
| **131** | 14444.6410 | 1889.0958 | 10742.0812 | 18147.2008 | 15192.7914 | 748.1504 |
| **132** | 15862.5828 | 1889.0958 | 12160.0230 | 19565.1425 | 16185.9333 | 323.3506 |
| **133** | 17410.0357 | 1889.0958 | 13707.4759 | 21112.5955 | 18243.1976 | 833.1619 |
| **134** | 19430.3143 | 1889.0958 | 15727.7545 | 23132.8741 | 19529.9786 | 99.6643 |
| **135** | 17786.3626 | 1889.0958 | 14083.8028 | 21488.9224 | 20727.3414 | 2940.9788 |

| | | | | | |
|---|---|---|---|---|---|
| | | Forecasts for variable AC_POWER | | | |
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **136** | 18486.5146 | 1889.0958 | 14783.9548 | 22189.0744 | 20661.1090 | 2174.5944 |
| **137** | 18396.2297 | 1889.0958 | 14693.6699 | 22098.7895 | 17418.5333 | -977.6964 |
| **138** | 15007.4853 | 1889.0958 | 11304.9255 | 18710.0451 | 18185.2924 | 3177.8071 |
| **139** | 18440.1762 | 1889.0958 | 14737.6164 | 22142.7360 | 16192.3386 | -2247.8376 |
| **140** | 15943.0193 | 1889.0958 | 12240.4596 | 19645.5791 | 16632.6319 | 689.6126 |
| **141** | 16417.6573 | 1889.0958 | 12715.0976 | 20120.2171 | 17139.9838 | 722.3265 |
| **142** | 16758.2260 | 1889.0958 | 13055.6662 | 20460.7858 | 17346.8324 | 588.6064 |
| **143** | 17422.2786 | 1889.0958 | 13719.7188 | 21124.8384 | 17839.4400 | 417.1614 |
| **144** | 16853.6832 | 1889.0958 | 13151.1234 | 20556.2430 | 17051.1429 | 197.4597 |
| **145** | 17354.1546 | 1889.0958 | 13651.5949 | 21056.7144 | 15727.6990 | -1626.4556 |
| **146** | 9032.4626 | 1889.0958 | 5329.9028 | 12735.0223 | 13366.5010 | 4334.0384 |
| **147** | 17787.0781 | 1889.0958 | 14084.5183 | 21489.6379 | 15586.7943 | -2200.2838 |
| **148** | 8457.9347 | 1889.0958 | 4755.3749 | 12160.4945 | 10827.9343 | 2369.9996 |
| **149** | 16641.1235 | 1889.0958 | 12938.5637 | 20343.6833 | 15991.5967 | -649.5268 |
| **150** | 13409.6783 | 1889.0958 | 9707.1185 | 17112.2381 | 16168.6200 | 2758.9417 |
| **151** | 20032.9962 | 1889.0958 | 16330.4364 | 23735.5560 | 17497.0019 | -2535.9943 |
| **152** | 8792.0988 | 1889.0958 | 5089.5390 | 12494.6586 | 10322.6619 | 1530.5631 |
| **153** | 16734.0799 | 1889.0958 | 13031.5201 | 20436.6397 | 13678.7067 | -3055.3732 |
| **154** | 15020.9032 | 1889.0958 | 11318.3434 | 18723.4630 | 18474.9281 | 3454.0249 |
| **155** | 20029.5381 | 1889.0958 | 16326.9783 | 23732.0979 | 18605.3371 | -1424.2010 |
| **156** | 13256.7978 | 1889.0958 | 9554.2381 | 16959.3576 | 13503.7262 | 246.9283 |
| **157** | 16670.2439 | 1889.0958 | 12967.6841 | 20372.8037 | 13624.5862 | -3045.6577 |
| **158** | 11365.9651 | 1889.0958 | 7663.4053 | 15068.5249 | 9587.3933 | -1778.5718 |
| **159** | 10527.5639 | 1889.0958 | 6825.0041 | 14230.1237 | 12347.5676 | 1820.0037 |
| **160** | 11937.6652 | 1889.0958 | 8235.1054 | 15640.2250 | 9889.0895 | -2048.5756 |
| **161** | 8533.3942 | 1889.0958 | 4830.8344 | 12235.9540 | 7112.2338 | -1421.1604 |
| **162** | 5481.4824 | 1889.0958 | 1778.9226 | 9184.0422 | 6883.9729 | 1402.4905 |
| **163** | 4622.9052 | 1889.0958 | 920.3454 | 8325.4650 | 3559.8067 | -1063.0985 |
| **164** | 3327.5104 | 1889.0958 | -375.0493 | 7030.0702 | 2138.5529 | -1188.9576 |
| **165** | 1666.5625 | 1889.0958 | -2035.9973 | 5369.1223 | 2748.0790 | 1081.5165 |
| **166** | 1066.9828 | 1889.0958 | -2635.5769 | 4769.5426 | 957.4710 | -109.5119 |
| **167** | 16.5080 | 1889.0958 | -3686.0518 | 3719.0678 | 338.8614 | 322.3534 |
| **168** | -306.5883 | 1889.0958 | -4009.1481 | 3395.9714 | 164.0267 | 470.6150 |
| **169** | -556.3582 | 1889.0958 | -4258.9180 | 3146.2015 | 16.6824 | 573.0406 |
| **170** | -404.3935 | 1889.0958 | -4106.9533 | 3298.1662 | 0.0000 | 404.3935 |
| **171** | -192.5940 | 1889.0958 | -3895.1538 | 3509.9658 | 0.0000 | 192.5940 |
| **172** | 189.2821 | 1889.0958 | -3513.2776 | 3891.8419 | 0.0000 | -189.2821 |

| | Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 173 | -318.8491 | 1889.0958 | -4021.4089 | 3383.7107 | 0.0000 | 318.8491 |
| 174 | -675.5774 | 1889.0958 | -4378.1372 | 3026.9824 | 0.0000 | 675.5774 |
| 175 | 221.6111 | 1889.0958 | -3480.9487 | 3924.1708 | 0.0000 | -221.6111 |
| 176 | -625.0454 | 1889.0958 | -4327.6052 | 3077.5144 | 0.0000 | 625.0454 |
| 177 | -807.9526 | 1889.0958 | -4510.5124 | 2894.6071 | 0.0000 | 807.9526 |
| 178 | -187.7703 | 1889.0958 | -3890.3301 | 3514.7894 | 0.0000 | 187.7703 |
| 179 | 35.8581 | 1889.0958 | -3666.7016 | 3738.4179 | 0.0000 | -35.8581 |
| 180 | 151.7531 | 1889.0958 | -3550.8067 | 3854.3129 | 0.0000 | -151.7531 |
| 181 | 835.6309 | 1889.0958 | -2866.9289 | 4538.1907 | 0.0000 | -835.6309 |
| 182 | 218.4643 | 1889.0958 | -3484.0955 | 3921.0241 | 0.0000 | -218.4643 |
| 183 | 198.9162 | 1889.0958 | -3503.6436 | 3901.4760 | 0.0000 | -198.9162 |
| 184 | 0.7900 | 1889.0958 | -3701.7698 | 3703.3498 | 0.0000 | -0.7900 |
| 185 | -17.1566 | 1889.0958 | -3719.7164 | 3685.4032 | 0.0000 | 17.1566 |
| 186 | -229.8152 | 1889.0958 | -3932.3749 | 3472.7446 | 0.0000 | 229.8152 |
| 187 | -135.1813 | 1889.0958 | -3837.7411 | 3567.3785 | 0.0000 | 135.1813 |
| 188 | -61.1476 | 1889.0958 | -3763.7073 | 3641.4122 | 0.0000 | 61.1476 |
| 189 | -62.9840 | 1889.0958 | -3765.5438 | 3639.5757 | 0.0000 | 62.9840 |
| 190 | 2084.9990 | 1889.0958 | -1617.5608 | 5787.5588 | 0.0000 | -2084.9990 |
| 191 | -2333.0591 | 1889.0958 | -6035.6189 | 1369.5006 | 0.0000 | 2333.0591 |
| 192 | 695.8440 | 1889.0958 | -3006.7158 | 4398.4038 | 0.0000 | -695.8440 |
| 193 | -656.1703 | 1889.0958 | -4358.7301 | 3046.3895 | 0.0000 | 656.1703 |
| 194 | 4.4196 | 1889.0958 | -3698.1402 | 3706.9794 | 0.0000 | -4.4196 |
| 195 | -141.8430 | 1889.0958 | -3844.4027 | 3560.7168 | 0.0000 | 141.8430 |
| 196 | 195.2909 | 1889.0958 | -3507.2689 | 3897.8507 | 0.0000 | -195.2909 |
| 197 | -77.5464 | 1889.0958 | -3780.1062 | 3625.0134 | 0.0000 | 77.5464 |
| 198 | 32.9556 | 1889.0958 | -3669.6042 | 3735.5153 | 0.0000 | -32.9556 |
| 199 | 13.4988 | 1889.0958 | -3689.0610 | 3716.0585 | 0.0000 | -13.4988 |
| 200 | -224.1414 | 1889.0958 | -3926.7012 | 3478.4183 | 0.0000 | 224.1414 |
| 201 | 202.8772 | 1889.0958 | -3499.6826 | 3905.4369 | 0.0000 | -202.8772 |
| 202 | -56.6459 | 1889.0958 | -3759.2057 | 3645.9139 | 0.0000 | 56.6459 |
| 203 | -22.1913 | 1889.0958 | -3724.7511 | 3680.3685 | 0.0000 | 22.1913 |
| 204 | 2.8001 | 1889.0958 | -3699.7597 | 3705.3599 | 0.0000 | -2.8001 |
| 205 | -156.8071 | 1889.0958 | -3859.3669 | 3545.7527 | 0.0000 | 156.8071 |
| 206 | 167.9483 | 1889.0958 | -3534.6115 | 3870.5081 | 0.0000 | -167.9483 |
| 207 | 18.9646 | 1889.0958 | -3683.5952 | 3721.5244 | 0.0000 | -18.9646 |
| 208 | -182.0226 | 1889.0958 | -3884.5824 | 3520.5372 | 0.0000 | 182.0226 |
| 209 | 187.6547 | 1889.0958 | -3514.9051 | 3890.2145 | 0.0000 | -187.6547 |

| | Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 210 | 150.8580 | 1889.0958 | -3551.7018 | 3853.4178 | 0.0000 | -150.8580 |
| 211 | -178.2444 | 1889.0958 | -3880.8042 | 3524.3154 | 0.0000 | 178.2444 |
| 212 | 135.2016 | 1889.0958 | -3567.3581 | 3837.7614 | 0.0000 | -135.2016 |
| 213 | 78.4822 | 1889.0958 | -3624.0776 | 3781.0420 | 0.0000 | -78.4822 |
| 214 | 113.2275 | 1889.0958 | -3589.3322 | 3815.7873 | 0.0000 | -113.2275 |
| 215 | -97.7086 | 1889.0958 | -3800.2684 | 3604.8512 | 0.0000 | 97.7086 |
| 216 | 1.2025 | 1889.0958 | -3701.3573 | 3703.7623 | 0.0000 | -1.2025 |
| 217 | -174.0317 | 1889.0958 | -3876.5915 | 3528.5281 | 82.4200 | 256.4517 |
| 218 | 1169.4992 | 1889.0958 | -2533.0605 | 4872.0590 | 511.9781 | -657.5211 |
| 219 | 654.3383 | 1889.0958 | -3048.2215 | 4356.8981 | 763.4190 | 109.0807 |
| 220 | 1538.1453 | 1889.0958 | -2164.4144 | 5240.7051 | 911.5719 | -626.5734 |
| 221 | 1935.4913 | 1889.0958 | -1767.0685 | 5638.0510 | 1451.4990 | -483.9922 |
| 222 | 2207.1348 | 1889.0958 | -1495.4250 | 5909.6946 | 2183.9400 | -23.1948 |
| 223 | 3570.2348 | 1889.0958 | -132.3249 | 7272.7946 | 3989.1933 | 418.9585 |
| 224 | 7636.4315 | 1889.0958 | 3933.8717 | 11338.9913 | 7145.0490 | -491.3825 |
| 225 | 11217.9070 | 1889.0958 | 7515.3472 | 14920.4668 | 12086.6567 | 868.7496 |
| 226 | 12794.2791 | 1889.0958 | 9091.7193 | 16496.8389 | 13104.7367 | 310.4576 |
| 227 | 15172.1682 | 1889.0958 | 11469.6084 | 18874.7280 | 14295.3867 | -876.7815 |
| 228 | 14164.8381 | 1889.0958 | 10462.2784 | 17867.3979 | 13655.5624 | -509.2758 |
| 229 | 16504.6143 | 1889.0958 | 12802.0546 | 20207.1741 | 15533.4129 | -971.2015 |
| 230 | 18930.3653 | 1889.0958 | 15227.8056 | 22632.9251 | 19986.9152 | 1056.5499 |
| 231 | 20357.1728 | 1889.0958 | 16654.6130 | 24059.7326 | 16923.1081 | -3434.0647 |
| 232 | 18164.5926 | 1889.0958 | 14462.0328 | 21867.1524 | 17327.4800 | -837.1126 |
| 233 | 13810.0105 | 1889.0958 | 10107.4507 | 17512.5703 | 15616.6790 | 1806.6686 |
| 234 | 14909.6324 | 1889.0958 | 11207.0726 | 18612.1922 | 13140.5519 | -1769.0805 |
| 235 | 12287.4470 | 1889.0958 | 8584.8872 | 15990.0068 | 16912.1286 | 4624.6816 |
| 236 | 17617.3714 | 1889.0958 | 13914.8116 | 21319.9312 | 16411.3967 | -1205.9747 |
| 237 | 15821.1709 | 1889.0958 | 12118.6111 | 19523.7307 | 14787.3467 | -1033.8242 |
| 238 | 14211.2035 | 1889.0958 | 10508.6437 | 17913.7633 | 13496.5867 | -714.6169 |
| 239 | 11405.9897 | 1889.0958 | 7703.4299 | 15108.5494 | 11845.5505 | 439.5608 |
| 240 | 10578.0167 | 1889.0958 | 6875.4569 | 14280.5765 | 13976.1824 | 3398.1657 |
| 241 | 12174.3256 | 1889.0958 | 8471.7658 | 15876.8854 | 16085.0638 | 3910.7382 |
| 242 | 17907.4610 | 1889.0958 | 14204.9012 | 21610.0208 | 17576.4733 | -330.9877 |
| 243 | 14783.7522 | 1889.0958 | 11081.1925 | 18486.3120 | 18270.2862 | 3486.5339 |
| 244 | 19353.0820 | 1889.0958 | 15650.5222 | 23055.6418 | 18082.3567 | -1270.7253 |
| 245 | 18537.8591 | 1889.0958 | 14835.2993 | 22240.4189 | 18087.1481 | -450.7110 |
| 246 | 19176.8068 | 1889.0958 | 15474.2470 | 22879.3665 | 14492.7643 | -4684.0425 |

| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
|---|---|---|---|---|---|---|
| 247 | 11853.1654 | 1889.0958 | 8150.6056 | 15555.7251 | 9615.7333 | -2237.4320 |
| 248 | 14269.8910 | 1889.0958 | 10567.3313 | 17972.4508 | 17538.7967 | 3268.9056 |
| 249 | 16967.2752 | 1889.0958 | 13264.7154 | 20669.8350 | 15788.7724 | -1178.5028 |
| 250 | 18372.6708 | 1889.0958 | 14670.1110 | 22075.2306 | 16807.9267 | -1564.7441 |
| 251 | 14313.2322 | 1889.0958 | 10610.6725 | 18015.7920 | 14498.4114 | 185.1792 |
| 252 | 13134.7197 | 1889.0958 | 9432.1600 | 16837.2795 | 14224.3600 | 1089.6403 |
| 253 | 11774.7707 | 1889.0958 | 8072.2110 | 15477.3305 | 9218.3614 | -2556.4093 |
| 254 | 7641.1891 | 1889.0958 | 3938.6293 | 11343.7489 | 7849.1933 | 208.0042 |
| 255 | 10242.4948 | 1889.0958 | 6539.9350 | 13945.0546 | 9132.1705 | -1110.3243 |
| 256 | 7890.1559 | 1889.0958 | 4187.5961 | 11592.7157 | 8906.8533 | 1016.6974 |
| 257 | 8219.1899 | 1889.0958 | 4516.6301 | 11921.7497 | 8950.8038 | 731.6139 |
| 258 | 10864.6014 | 1889.0958 | 7162.0416 | 14567.1612 | 13719.6033 | 2855.0019 |
| 259 | 10840.6301 | 1889.0958 | 7138.0703 | 14543.1898 | 12855.6257 | 2014.9957 |
| 260 | 9192.6984 | 1889.0958 | 5490.1386 | 12895.2582 | 9753.7424 | 561.0440 |
| 261 | 5188.2138 | 1889.0958 | 1485.6540 | 8890.7736 | 2887.7533 | -2300.4605 |
| 262 | 2914.5024 | 1889.0958 | -788.0574 | 6617.0621 | 3406.6267 | 492.1243 |
| 263 | 3859.5331 | 1889.0958 | 156.9733 | 7562.0929 | 4857.4333 | 997.9002 |
| 264 | 2856.4456 | 1889.0958 | -846.1142 | 6559.0054 | 2488.8052 | -367.6403 |
| 265 | 2122.4993 | 1889.0958 | -1580.0605 | 5825.0591 | 2189.6157 | 67.1164 |
| 266 | 1435.0584 | 1889.0958 | -2267.5014 | 5137.6182 | 818.0200 | -617.0384 |
| 267 | 782.4923 | 1889.0958 | -2920.0675 | 4485.0521 | 151.5686 | -630.9237 |
| 268 | -526.8464 | 1889.0958 | -4229.4062 | 3175.7134 | 0.0000 | 526.8464 |
| 269 | 125.8640 | 1889.0958 | -3576.6958 | 3828.4238 | 0.0000 | -125.8640 |
| 270 | 625.4115 | 1889.0958 | -3077.1483 | 4327.9713 | 0.0000 | -625.4115 |
| 271 | -346.0818 | 1889.0958 | -4048.6416 | 3356.4780 | 0.0000 | 346.0818 |
| 272 | 322.3577 | 1889.0958 | -3380.2021 | 4024.9175 | 0.0000 | -322.3577 |
| 273 | 401.0989 | 1889.0958 | -3301.4609 | 4103.6586 | 0.0000 | -401.0989 |
| 274 | 30.6346 | 1889.0958 | -3671.9252 | 3733.1944 | 0.0000 | -30.6346 |
| 275 | -462.5592 | 1889.0958 | -4165.1189 | 3240.0006 | 0.0000 | 462.5592 |
| 276 | -272.1552 | 1889.0958 | -3974.7150 | 3430.4046 | 0.0000 | 272.1552 |
| 277 | -244.3817 | 1889.0958 | -3946.9414 | 3458.1781 | 0.0000 | 244.3817 |
| 278 | -41.1647 | 1889.0958 | -3743.7245 | 3661.3951 | 0.0000 | 41.1647 |
| 279 | -290.2225 | 1889.0958 | -3992.7823 | 3412.3373 | 0.0000 | 290.2225 |
| 280 | -233.4243 | 1889.0958 | -3935.9841 | 3469.1355 | 0.0000 | 233.4243 |
| 281 | -419.9700 | 1889.0958 | -4122.5298 | 3282.5898 | 0.0000 | 419.9700 |
| 282 | 384.2182 | 1889.0958 | -3318.3416 | 4086.7780 | 0.0000 | -384.2182 |
| 283 | 166.8169 | 1889.0958 | -3535.7429 | 3869.3767 | 0.0000 | -166.8169 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **284** | -500.5768 | 1889.0958 | -4203.1365 | 3201.9830 | 0.0000 | 500.5768 |
| **285** | 321.5696 | 1889.0958 | -3380.9901 | 4024.1294 | 0.0000 | -321.5696 |
| **286** | -469.7209 | 1889.0958 | -4172.2807 | 3232.8389 | 0.0000 | 469.7209 |
| **287** | -629.2987 | 1889.0958 | -4331.8585 | 3073.2611 | 0.0000 | 629.2987 |
| **288** | -410.8572 | 1889.0958 | -4113.4170 | 3291.7026 | 0.0000 | 410.8572 |
| **289** | 300.1270 | 1889.0958 | -3402.4328 | 4002.6868 | 0.0000 | -300.1270 |
| **290** | -136.9354 | 1889.0958 | -3839.4952 | 3565.6244 | 0.0000 | 136.9354 |
| **291** | 163.0212 | 1889.0958 | -3539.5386 | 3865.5810 | 0.0000 | -163.0212 |
| **292** | 80.0641 | 1889.0958 | -3622.4957 | 3782.6239 | 0.0000 | -80.0641 |
| **293** | 196.5452 | 1889.0958 | -3506.0145 | 3899.1050 | 0.0000 | -196.5452 |
| **294** | -38.5741 | 1889.0958 | -3741.1339 | 3663.9856 | 0.0000 | 38.5741 |
| **295** | -164.4804 | 1889.0958 | -3867.0402 | 3538.0794 | 0.0000 | 164.4804 |
| **296** | 9.2418 | 1889.0958 | -3693.3180 | 3711.8016 | 0.0000 | -9.2418 |
| **297** | -575.5135 | 1889.0958 | -4278.0733 | 3127.0463 | 0.0000 | 575.5135 |
| **298** | -48.6898 | 1889.0958 | -3751.2496 | 3653.8699 | 0.0000 | 48.6898 |
| **299** | -136.8499 | 1889.0958 | -3839.4097 | 3565.7098 | 0.0000 | 136.8499 |
| **300** | -35.2944 | 1889.0958 | -3737.8542 | 3667.2654 | 0.0000 | 35.2944 |
| **301** | 47.9612 | 1889.0958 | -3654.5986 | 3750.5210 | 0.0000 | -47.9612 |
| **302** | 32.6953 | 1889.0958 | -3669.8645 | 3735.2551 | 0.0000 | -32.6953 |
| **303** | -202.7888 | 1889.0958 | -3905.3486 | 3499.7710 | 0.0000 | 202.7888 |
| **304** | -142.3654 | 1889.0958 | -3844.9252 | 3560.1944 | 0.0000 | 142.3654 |
| **305** | -228.6113 | 1889.0958 | -3931.1711 | 3473.9485 | 0.0000 | 228.6113 |
| **306** | -467.2451 | 1889.0958 | -4169.8048 | 3235.3147 | 0.0000 | 467.2451 |
| **307** | -1236.8160 | 1889.0958 | -4939.3758 | 2465.7438 | 0.0000 | 1236.8160 |
| **308** | 61.7032 | 1889.0958 | -3640.8566 | 3764.2630 | 0.0000 | -61.7032 |
| **309** | -327.3183 | 1889.0958 | -4029.8781 | 3375.2414 | 0.0000 | 327.3183 |
| **310** | -302.9005 | 1889.0958 | -4005.4603 | 3399.6593 | 0.0000 | 302.9005 |
| **311** | -46.5281 | 1889.0958 | -3749.0878 | 3656.0317 | 0.0000 | 46.5281 |
| **312** | -61.8438 | 1889.0958 | -3764.4036 | 3640.7160 | 0.0000 | 61.8438 |
| **313** | -25.1921 | 1889.0958 | -3727.7519 | 3677.3677 | 0.0000 | 25.1921 |
| **314** | -181.9124 | 1889.0958 | -3884.4722 | 3520.6474 | 0.0000 | 181.9124 |
| **315** | 386.7257 | 1889.0958 | -3315.8341 | 4089.2855 | 0.0000 | -386.7257 |
| **316** | 64.3896 | 1889.0958 | -3638.1701 | 3766.9494 | 0.0000 | -64.3896 |
| **317** | 421.3061 | 1889.0958 | -3281.2536 | 4123.8659 | 79.8400 | -341.4661 |
| **318** | 904.2314 | 1889.0958 | -2798.3284 | 4606.7912 | 306.9557 | -597.2757 |
| **319** | 1682.2451 | 1889.0958 | -2020.3147 | 5384.8048 | 573.0171 | -1109.2279 |
| **320** | 2744.1822 | 1889.0958 | -958.3776 | 6446.7420 | 1280.8805 | -1463.3017 |

| Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **321** | 5291.5073 | 1889.0958 | 1588.9476 | 8994.0671 | 3661.5667 | -1629.9407 |
| **322** | 8235.4710 | 1889.0958 | 4532.9112 | 11938.0308 | 6998.5629 | -1236.9081 |
| **323** | 9329.2288 | 1889.0958 | 5626.6690 | 13031.7885 | 9185.9171 | -143.3116 |
| **324** | 11426.3741 | 1889.0958 | 7723.8143 | 15128.9339 | 12061.2886 | 634.9145 |
| **325** | 12912.6498 | 1889.0958 | 9210.0900 | 16615.2096 | 12903.6729 | -8.9769 |
| **326** | 15720.3317 | 1889.0958 | 12017.7720 | 19422.8915 | 14151.0305 | -1569.3013 |
| **327** | 14607.0985 | 1889.0958 | 10904.5387 | 18309.6582 | 16965.2433 | 2358.1449 |
| **328** | 17841.5464 | 1889.0958 | 14138.9867 | 21544.1062 | 16994.8548 | -846.6917 |
| **329** | 15488.9571 | 1889.0958 | 11786.3973 | 19191.5169 | 15357.5690 | -131.3880 |
| **330** | 14507.8535 | 1889.0958 | 10805.2937 | 18210.4132 | 15371.2186 | 863.3651 |
| **331** | 13180.3064 | 1889.0958 | 9477.7466 | 16882.8662 | 10635.9729 | -2544.3336 |
| **332** | 10126.3476 | 1889.0958 | 6423.7878 | 13828.9074 | 13299.5581 | 3173.2105 |
| **333** | 14349.7080 | 1889.0958 | 10647.1483 | 18052.2678 | 17114.2276 | 2764.5196 |
| **334** | 15949.3834 | 1889.0958 | 12246.8236 | 19651.9432 | 16633.3476 | 683.9642 |
| **335** | 16845.8885 | 1889.0958 | 13143.3288 | 20548.4483 | 16710.6600 | -135.2285 |
| **336** | 19480.5193 | 1889.0958 | 15777.9595 | 23183.0791 | 17132.3967 | -2348.1227 |
| **337** | 20307.0742 | 1889.0958 | 16604.5144 | 24009.6339 | 16884.2738 | -3422.8004 |
| **338** | 18690.7641 | 1889.0958 | 14988.2043 | 22393.3239 | 15600.7976 | -3089.9665 |
| **339** | 19227.5141 | 1889.0958 | 15524.9543 | 22930.0739 | 17450.6138 | -1776.9003 |
| **340** | 14364.4315 | 1889.0958 | 10661.8717 | 18066.9913 | 14506.1867 | 141.7551 |
| **341** | 16278.2937 | 1889.0958 | 12575.7339 | 19980.8534 | 14689.0933 | -1589.2003 |
| **342** | 12356.1296 | 1889.0958 | 8653.5698 | 16058.6894 | 15092.8143 | 2736.6847 |
| **343** | 13000.4316 | 1889.0958 | 9297.8718 | 16702.9914 | 16362.9338 | 3362.5022 |
| **344** | 18519.4720 | 1889.0958 | 14816.9122 | 22222.0318 | 15979.5152 | -2539.9568 |
| **345** | 13001.9926 | 1889.0958 | 9299.4328 | 16704.5524 | 16533.7310 | 3531.7384 |
| **346** | 17468.5321 | 1889.0958 | 13765.9723 | 21171.0919 | 16623.0133 | -845.5188 |
| **347** | 15549.9116 | 1889.0958 | 11847.3519 | 19252.4714 | 16595.7224 | 1045.8107 |
| **348** | 17729.2674 | 1889.0958 | 14026.7076 | 21431.8272 | 17039.2414 | -690.0260 |
| **349** | 13923.6680 | 1889.0958 | 10221.1083 | 17626.2278 | 16790.7886 | 2867.1205 |
| **350** | 12578.8688 | 1889.0958 | 8876.3090 | 16281.4286 | 14440.9724 | 1862.1036 |
| **351** | 11682.9251 | 1889.0958 | 7980.3654 | 15385.4849 | 11266.7538 | -416.1713 |
| **352** | 10975.5466 | 1889.0958 | 7272.9868 | 14678.1064 | 10675.9090 | -299.6376 |
| **353** | 11489.1435 | 1889.0958 | 7786.5837 | 15191.7033 | 13218.8300 | 1729.6865 |
| **354** | 14413.7390 | 1889.0958 | 10711.1792 | 18116.2988 | 12045.2514 | -2368.4875 |
| **355** | 9864.4242 | 1889.0958 | 6161.8645 | 13566.9840 | 8340.5152 | -1523.9090 |
| **356** | 6359.5335 | 1889.0958 | 2656.9737 | 10062.0933 | 5751.4076 | -608.1259 |
| **357** | 2995.9529 | 1889.0958 | -706.6069 | 6698.5127 | 5375.1200 | 2379.1671 |

| | Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| 358 | 4127.3554 | 1889.0958 | 424.7956 | 7829.9152 | 4163.9986 | 36.6432 |
| 359 | 3562.6569 | 1889.0958 | -139.9029 | 7265.2167 | 2677.1771 | -885.4798 |
| 360 | 1274.6453 | 1889.0958 | -2427.9145 | 4977.2051 | 1688.5362 | 413.8909 |
| 361 | 1355.5599 | 1889.0958 | -2346.9999 | 5058.1197 | 1113.1895 | -242.3704 |
| 362 | 318.8691 | 1889.0958 | -3383.6907 | 4021.4289 | 559.1867 | 240.3176 |
| 363 | -366.8847 | 1889.0958 | -4069.4445 | 3335.6751 | 129.2119 | 496.0966 |
| 364 | 241.9659 | 1889.0958 | -3460.5938 | 3944.5257 | 0.0000 | -241.9659 |
| 365 | -426.3255 | 1889.0958 | -4128.8853 | 3276.2343 | 0.0000 | 426.3255 |
| 366 | -336.5186 | 1889.0958 | -4039.0784 | 3366.0412 | 0.0000 | 336.5186 |
| 367 | 123.6644 | 1889.0958 | -3578.8954 | 3826.2241 | 0.0000 | -123.6644 |
| 368 | -60.7883 | 1889.0958 | -3763.3481 | 3641.7714 | 0.0000 | 60.7883 |
| 369 | -145.4271 | 1889.0958 | -3847.9869 | 3557.1327 | 0.0000 | 145.4271 |
| 370 | -27.0324 | 1889.0958 | -3729.5922 | 3675.5274 | 0.0000 | 27.0324 |
| 371 | 51.5635 | 1889.0958 | -3650.9963 | 3754.1233 | 0.0000 | -51.5635 |
| 372 | 139.3386 | 1889.0958 | -3563.2212 | 3841.8983 | 0.0000 | -139.3386 |
| 373 | 160.4552 | 1889.0958 | -3542.1046 | 3863.0150 | 0.0000 | -160.4552 |
| 374 | 48.2169 | 1889.0958 | -3654.3429 | 3750.7767 | 0.0000 | -48.2169 |
| 375 | 44.5872 | 1889.0958 | -3657.9725 | 3747.1470 | 0.0000 | -44.5872 |
| 376 | 320.0576 | 1889.0958 | -3382.5022 | 4022.6174 | 0.0000 | -320.0576 |
| 377 | -13.8558 | 1889.0958 | -3716.4155 | 3688.7040 | 0.0000 | 13.8558 |
| 378 | -322.1722 | 1889.0958 | -4024.7320 | 3380.3876 | 0.0000 | 322.1722 |
| 379 | -43.5759 | 1889.0958 | -3746.1357 | 3658.9839 | 0.0000 | 43.5759 |
| 380 | 454.3163 | 1889.0958 | -3248.2435 | 4156.8761 | 0.0000 | -454.3163 |
| 381 | -70.0229 | 1889.0958 | -3772.5827 | 3632.5369 | 0.0000 | 70.0229 |
| 382 | 513.7479 | 1889.0958 | -3188.8119 | 4216.3077 | 0.0000 | -513.7479 |
| 383 | 681.6296 | 1889.0958 | -3020.9302 | 4384.1894 | 0.0000 | -681.6296 |
| 384 | 460.7539 | 1889.0958 | -3241.8059 | 4163.3137 | 0.0000 | -460.7539 |
| 385 | -196.7289 | 1889.0958 | -3899.2887 | 3505.8309 | 0.0000 | 196.7289 |
| 386 | 0.9872 | 1889.0958 | -3701.5725 | 3703.5470 | 0.0000 | -0.9872 |
| 387 | -111.3118 | 1889.0958 | -3813.8716 | 3591.2480 | 0.0000 | 111.3118 |
| 388 | -177.7519 | 1889.0958 | -3880.3117 | 3524.8078 | 0.0000 | 177.7519 |
| 389 | -122.0745 | 1889.0958 | -3824.6343 | 3580.4853 | 0.0000 | 122.0745 |
| 390 | 31.5914 | 1889.0958 | -3670.9683 | 3734.1512 | 0.0000 | -31.5914 |
| 391 | 85.3062 | 1889.0958 | -3617.2536 | 3787.8660 | 0.0000 | -85.3062 |
| 392 | 192.6467 | 1889.0958 | -3509.9131 | 3895.2064 | 0.0000 | -192.6467 |
| 393 | 449.5287 | 1889.0958 | -3253.0311 | 4152.0885 | 0.0000 | -449.5287 |
| 394 | 94.7027 | 1889.0958 | -3607.8571 | 3797.2625 | 0.0000 | -94.7027 |

| | Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 395 | 22.9962 | 1889.0958 | -3679.5636 | 3725.5559 | 0.0000 | -22.9962 |
| 396 | 169.8960 | 1889.0958 | -3532.6637 | 3872.4558 | 0.0000 | -169.8960 |
| 397 | 29.9006 | 1889.0958 | -3672.6592 | 3732.4604 | 0.0000 | -29.9006 |
| 398 | 22.7644 | 1889.0958 | -3679.7954 | 3725.3241 | 0.0000 | -22.7644 |
| 399 | 64.6047 | 1889.0958 | -3637.9551 | 3767.1644 | 0.0000 | -64.6047 |
| 400 | 220.5691 | 1889.0958 | -3481.9907 | 3923.1289 | 0.0000 | -220.5691 |
| 401 | 228.1956 | 1889.0958 | -3474.3642 | 3930.7554 | 0.0000 | -228.1956 |
| 402 | 426.8736 | 1889.0958 | -3275.6861 | 4129.4334 | 0.0000 | -426.8736 |
| 403 | 1316.7617 | 1889.0958 | -2385.7981 | 5019.3214 | 0.0000 | -1316.7617 |
| 404 | -72.0109 | 1889.0958 | -3774.5707 | 3630.5489 | 0.0000 | 72.0109 |
| 405 | 390.1909 | 1889.0958 | -3312.3689 | 4092.7507 | 0.0000 | -390.1909 |
| 406 | 198.5515 | 1889.0958 | -3504.0082 | 3901.1113 | 0.0000 | -198.5515 |
| 407 | 227.2124 | 1889.0958 | -3475.3474 | 3929.7721 | 0.0000 | -227.2124 |
| 408 | -28.7659 | 1889.0958 | -3731.3256 | 3673.7939 | 0.0000 | 28.7659 |
| 409 | 191.6393 | 1889.0958 | -3510.9205 | 3894.1991 | 176.4129 | -15.2264 |
| 410 | 616.6179 | 1889.0958 | -3085.9419 | 4319.1776 | 1046.7938 | 430.1759 |
| 411 | 1376.2959 | 1889.0958 | -2326.2639 | 5078.8556 | 1757.1600 | 380.8641 |
| 412 | 1819.9703 | 1889.0958 | -1882.5895 | 5522.5300 | 2551.4438 | 731.4736 |
| 413 | 2502.6208 | 1889.0958 | -1199.9390 | 6205.1806 | 3154.3062 | 651.6854 |
| 414 | 4884.6757 | 1889.0958 | 1182.1160 | 8587.2355 | 7081.2595 | 2196.5838 |
| 415 | 7879.1056 | 1889.0958 | 4176.5458 | 11581.6654 | 10052.3319 | 2173.2263 |
| 416 | 9040.5661 | 1889.0958 | 5338.0063 | 12743.1259 | 9619.6000 | 579.0339 |
| 417 | 9120.4505 | 1889.0958 | 5417.8907 | 12823.0103 | 9410.3695 | 289.9190 |
| 418 | 11328.2644 | 1889.0958 | 7625.7046 | 15030.8242 | 9936.5586 | -1391.7058 |
| 419 | 10806.4943 | 1889.0958 | 7103.9345 | 14509.0540 | 10769.6614 | -36.8328 |
| 420 | 10615.5864 | 1889.0958 | 6913.0266 | 14318.1461 | 7078.8629 | -3536.7235 |
| 421 | 12644.0713 | 1889.0958 | 8941.5115 | 16346.6311 | 13713.4067 | 1069.3353 |
| 422 | 11131.7878 | 1889.0958 | 7429.2280 | 14834.3476 | 9037.4633 | -2094.3244 |
| 423 | 9762.7377 | 1889.0958 | 6060.1779 | 13465.2975 | 7342.0329 | -2420.7048 |
| 424 | 7234.2511 | 1889.0958 | 3531.6913 | 10936.8109 | 7101.9476 | -132.3035 |
| 425 | 7711.0552 | 1889.0958 | 4008.4955 | 11413.6150 | 8101.3257 | 390.2705 |
| 426 | 16106.6484 | 1889.0958 | 12404.0886 | 19809.2082 | 3355.3662 | -12751.2822 |
| 427 | 5282.8282 | 1889.0958 | 1580.2684 | 8985.3879 | 16401.1467 | 11118.3185 |
| 428 | 22546.6992 | 1889.0958 | 18844.1395 | 26249.2590 | 15258.7367 | -7287.9626 |
| 429 | 16598.0219 | 1889.0958 | 12895.4621 | 20300.5817 | 15573.3752 | -1024.6466 |
| 430 | 16988.8556 | 1889.0958 | 13286.2958 | 20691.4154 | 16205.4429 | -783.4127 |
| 431 | 15477.5673 | 1889.0958 | 11775.0075 | 19180.1270 | 15104.7052 | -372.8620 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 432 | 17257.8152 | 1889.0958 | 13555.2554 | 20960.3750 | 15728.1533 | -1529.6619 |
| 433 | 15864.3276 | 1889.0958 | 12161.7678 | 19566.8874 | 15773.6024 | -90.7252 |
| 434 | 15480.2798 | 1889.0958 | 11777.7200 | 19182.8396 | 16194.7586 | 714.4788 |
| 435 | 14797.4890 | 1889.0958 | 11094.9292 | 18500.0487 | 14843.2333 | 45.7444 |
| 436 | 15437.8998 | 1889.0958 | 11735.3400 | 19140.4596 | 15697.9710 | 260.0711 |
| 437 | 13481.4752 | 1889.0958 | 9778.9154 | 17184.0350 | 15824.0352 | 2342.5600 |
| 438 | 17278.0077 | 1889.0958 | 13575.4479 | 20980.5675 | 16858.0071 | -420.0006 |
| 439 | 15783.4649 | 1889.0958 | 12080.9051 | 19486.0247 | 16368.1214 | 584.6566 |
| 440 | 14581.0962 | 1889.0958 | 10878.5364 | 18283.6560 | 14811.9533 | 230.8571 |
| 441 | 15268.7153 | 1889.0958 | 11566.1555 | 18971.2751 | 15658.5305 | 389.8152 |
| 442 | 16629.4628 | 1889.0958 | 12926.9030 | 20332.0226 | 17812.5519 | 1183.0891 |
| 443 | 16031.4744 | 1889.0958 | 12328.9146 | 19734.0341 | 15356.1881 | -675.2863 |
| 444 | 14622.5939 | 1889.0958 | 10920.0341 | 18325.1537 | 14389.1105 | -233.4834 |
| 445 | 13213.8307 | 1889.0958 | 9511.2709 | 16916.3905 | 11715.8667 | -1497.9641 |
| 446 | 9489.2803 | 1889.0958 | 5786.7205 | 13191.8400 | 7512.0624 | -1977.2179 |
| 447 | 3373.1815 | 1889.0958 | -329.3783 | 7075.7413 | 3531.9367 | 158.7551 |
| 448 | 3151.0694 | 1889.0958 | -551.4903 | 6853.6292 | 1764.4797 | -1386.5898 |
| 449 | 7562.5872 | 1889.0958 | 3860.0275 | 11265.1470 | 5011.9749 | -2550.6123 |
| 450 | 1330.1251 | 1889.0958 | -2372.4347 | 5032.6849 | 705.9625 | -624.1626 |
| 451 | 1834.3832 | 1889.0958 | -1868.1766 | 5536.9429 | 1740.9571 | -93.4260 |
| 452 | 896.4250 | 1889.0958 | -2806.1348 | 4598.9848 | 787.2267 | -109.1983 |
| 453 | -147.0582 | 1889.0958 | -3849.6180 | 3555.5016 | 457.7067 | 604.7648 |
| 454 | -335.4406 | 1889.0958 | -4038.0004 | 3367.1191 | 140.7733 | 476.2140 |
| 455 | -1102.3712 | 1889.0958 | -4804.9310 | 2600.1885 | 0.0000 | 1102.3712 |
| 456 | -1020.3703 | 1889.0958 | -4722.9301 | 2682.1895 | 0.0000 | 1020.3703 |
| 457 | -764.6664 | 1889.0958 | -4467.2262 | 2937.8934 | 0.0000 | 764.6664 |
| 458 | -492.9308 | 1889.0958 | -4195.4906 | 3209.6290 | 35.3314 | 528.2622 |
| 459 | -7.2764 | 1889.0958 | -3709.8362 | 3695.2834 | 16.4933 | 23.7698 |
| 460 | -1104.4599 | 1889.0958 | -4807.0197 | 2598.0999 | 0.0000 | 1104.4599 |
| 461 | 1106.4997 | 1889.0958 | -2596.0601 | 4809.0595 | 0.0000 | -1106.4997 |
| 462 | -2021.8927 | 1889.0958 | -5724.4525 | 1680.6671 | 0.0000 | 2021.8927 |
| 463 | 464.8856 | 1889.0958 | -3237.6741 | 4167.4454 | 0.0000 | -464.8856 |
| 464 | -308.9197 | 1889.0958 | -4011.4795 | 3393.6401 | 0.0000 | 308.9197 |
| 465 | 770.3807 | 1889.0958 | -2932.1791 | 4472.9405 | 0.0000 | -770.3807 |
| 466 | -257.8600 | 1889.0958 | -3960.4198 | 3444.6998 | 0.0000 | 257.8600 |
| 467 | 24.5236 | 1889.0958 | -3678.0362 | 3727.0834 | 0.0000 | -24.5236 |
| 468 | -578.8090 | 1889.0958 | -4281.3688 | 3123.7508 | 0.0000 | 578.8090 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 469 | -63.3220 | 1889.0958 | -3765.8818 | 3639.2377 | 0.0000 | 63.3220 |
| 470 | -436.6878 | 1889.0958 | -4139.2476 | 3265.8720 | 0.0000 | 436.6878 |
| 471 | 289.1245 | 1889.0958 | -3413.4353 | 3991.6843 | 0.0000 | -289.1245 |
| 472 | -379.3805 | 1889.0958 | -4081.9402 | 3323.1793 | 0.0000 | 379.3805 |
| 473 | 254.7972 | 1889.0958 | -3447.7626 | 3957.3569 | 0.0000 | -254.7972 |
| 474 | -206.3259 | 1889.0958 | -3908.8856 | 3496.2339 | 0.0000 | 206.3259 |
| 475 | -113.3110 | 1889.0958 | -3815.8708 | 3589.2488 | 0.0000 | 113.3110 |
| 476 | -108.1922 | 1889.0958 | -3810.7520 | 3594.3676 | 0.0000 | 108.1922 |
| 477 | 42.2500 | 1889.0958 | -3660.3098 | 3744.8098 | 0.0000 | -42.2500 |
| 478 | -89.9563 | 1889.0958 | -3792.5161 | 3612.6035 | 0.0000 | 89.9563 |
| 479 | -181.4278 | 1889.0958 | -3883.9875 | 3521.1320 | 0.0000 | 181.4278 |
| 480 | -9.4607 | 1889.0958 | -3712.0205 | 3693.0991 | 0.0000 | 9.4607 |
| 481 | 12.0702 | 1889.0958 | -3690.4896 | 3714.6300 | 0.0000 | -12.0702 |
| 482 | 283.4309 | 1889.0958 | -3419.1289 | 3985.9906 | 0.0000 | -283.4309 |
| 483 | 320.1185 | 1889.0958 | -3382.4413 | 4022.6783 | 0.0000 | -320.1185 |
| 484 | -187.5106 | 1889.0958 | -3890.0703 | 3515.0492 | 0.0000 | 187.5106 |
| 485 | 106.4391 | 1889.0958 | -3596.1207 | 3808.9988 | 0.0000 | -106.4391 |
| 486 | -170.9527 | 1889.0958 | -3873.5125 | 3531.6071 | 0.0000 | 170.9527 |
| 487 | -158.6296 | 1889.0958 | -3861.1894 | 3543.9302 | 0.0000 | 158.6296 |
| 488 | 40.5294 | 1889.0958 | -3662.0304 | 3743.0891 | 0.0000 | -40.5294 |
| 489 | 41.7661 | 1889.0958 | -3660.7937 | 3744.3258 | 0.0000 | -41.7661 |
| 490 | -107.2369 | 1889.0958 | -3809.7967 | 3595.3228 | 0.0000 | 107.2369 |
| 491 | -2.2485 | 1889.0958 | -3704.8083 | 3700.3113 | 0.0000 | 2.2485 |
| 492 | -103.8208 | 1889.0958 | -3806.3806 | 3598.7390 | 0.0000 | 103.8208 |
| 493 | -14.4569 | 1889.0958 | -3717.0167 | 3688.1029 | 0.0000 | 14.4569 |
| 494 | -47.7759 | 1889.0958 | -3750.3356 | 3654.7839 | 0.0000 | 47.7759 |
| 495 | -47.9734 | 1889.0958 | -3750.5332 | 3654.5863 | 0.0000 | 47.9734 |
| 496 | 60.1745 | 1889.0958 | -3642.3852 | 3762.7343 | 0.0000 | -60.1745 |
| 497 | -145.9438 | 1889.0958 | -3848.5036 | 3556.6160 | 0.0000 | 145.9438 |
| 498 | -202.9936 | 1889.0958 | -3905.5534 | 3499.5662 | 0.0000 | 202.9936 |
| 499 | -12.5990 | 1889.0958 | -3715.1587 | 3689.9608 | 0.0000 | 12.5990 |
| 500 | 18.5661 | 1889.0958 | -3683.9937 | 3721.1259 | 0.0000 | -18.5661 |
| 501 | 56.8991 | 1889.0958 | -3645.6606 | 3759.4589 | 0.0000 | -56.8991 |
| 502 | -91.3698 | 1889.0958 | -3793.9295 | 3611.1900 | 0.0000 | 91.3698 |
| 503 | -28.7848 | 1889.0958 | -3731.3446 | 3673.7750 | 0.0000 | 28.7848 |
| 504 | -47.2587 | 1889.0958 | -3749.8184 | 3655.3011 | 0.0000 | 47.2587 |
| 505 | 413.9655 | 1889.0958 | -3288.5943 | 4116.5253 | 176.2200 | -237.7455 |

| | | | | | |
|---|---|---|---|---|---|
| | | | **Forecasts for variable AC_POWER** | | |
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | **Actual** | **Residual** |
| 506 | 947.8708 | 1889.0958 | -2754.6889 | 4650.4306 | 484.2795 | -463.5913 |
| 507 | 1344.6407 | 1889.0958 | -2357.9191 | 5047.2005 | 832.0352 | -512.6055 |
| 508 | 2009.4975 | 1889.0958 | -1693.0623 | 5712.0573 | 1296.2467 | -713.2508 |
| 509 | 2304.6560 | 1889.0958 | -1397.9038 | 6007.2158 | 1716.5333 | -588.1227 |
| 510 | 4834.0673 | 1889.0958 | 1131.5075 | 8536.6271 | 2779.0200 | -2055.0473 |
| 511 | 7016.4909 | 1889.0958 | 3313.9311 | 10719.0507 | 4432.3300 | -2584.1609 |
| 512 | 6326.8323 | 1889.0958 | 2624.2726 | 10029.3921 | 5423.1767 | -903.6557 |
| 513 | 8099.5961 | 1889.0958 | 4397.0364 | 11802.1559 | 5946.2133 | -2153.3828 |
| 514 | 6920.3148 | 1889.0958 | 3217.7550 | 10622.8746 | 6346.4200 | -573.8948 |
| 515 | 10191.1228 | 1889.0958 | 6488.5631 | 13893.6826 | 7949.1533 | -2241.9695 |
| 516 | 7427.4746 | 1889.0958 | 3724.9148 | 11130.0343 | 8189.0943 | 761.6197 |
| 517 | 12673.7537 | 1889.0958 | 8971.1940 | 16376.3135 | 9037.6071 | -3636.1466 |
| 518 | 10380.2941 | 1889.0958 | 6677.7343 | 14082.8539 | 8964.2533 | -1416.0407 |
| 519 | 9461.5878 | 1889.0958 | 5759.0280 | 13164.1476 | 8683.8067 | -777.7812 |
| 520 | 10334.1336 | 1889.0958 | 6631.5738 | 14036.6934 | 8415.0824 | -1919.0512 |
| 521 | 11204.5179 | 1889.0958 | 7501.9581 | 14907.0777 | 7785.3195 | -3419.1984 |
| 522 | -761.0708 | 1889.0958 | -4463.6306 | 2941.4889 | 5346.8400 | 6107.9108 |
| 523 | 18504.1134 | 1889.0958 | 14801.5537 | 22206.6732 | 3496.6467 | -15007.4668 |
| 524 | 3963.5419 | 1889.0958 | 260.9821 | 7666.1017 | 3669.4267 | -294.1153 |
| 525 | 7715.0575 | 1889.0958 | 4012.4977 | 11417.6173 | 3557.4371 | -4157.6203 |
| 526 | 7417.6091 | 1889.0958 | 3715.0493 | 11120.1689 | 3680.0762 | -3737.5329 |
| 527 | 6422.1585 | 1889.0958 | 2719.5987 | 10124.7183 | 3701.4733 | -2720.6852 |
| 528 | 5131.3194 | 1889.0958 | 1428.7596 | 8833.8792 | 3843.0133 | -1288.3060 |
| 529 | 6489.5094 | 1889.0958 | 2786.9497 | 10192.0692 | 5127.6867 | -1361.8228 |
| 530 | 8847.5347 | 1889.0958 | 5144.9750 | 12550.0945 | 5570.9752 | -3276.5595 |
| 531 | 8483.9686 | 1889.0958 | 4781.4088 | 12186.5284 | 5026.7081 | -3457.2605 |
| 532 | 8009.5159 | 1889.0958 | 4306.9561 | 11712.0757 | 5027.6600 | -2981.8559 |
| 533 | 9137.4271 | 1889.0958 | 5434.8673 | 12839.9869 | 4973.7733 | -4163.6538 |
| 534 | 6797.3340 | 1889.0958 | 3094.7743 | 10499.8938 | 4930.3267 | -1867.0074 |
| 535 | 8479.8328 | 1889.0958 | 4777.2730 | 12182.3926 | 4697.1824 | -3782.6504 |
| 536 | 7967.8486 | 1889.0958 | 4265.2888 | 11670.4084 | 4608.0800 | -3359.7686 |
| 537 | 9021.5675 | 1889.0958 | 5319.0078 | 12724.1273 | 4610.5000 | -4411.0675 |
| 538 | 8529.4312 | 1889.0958 | 4826.8714 | 12231.9910 | 15265.6500 | 6736.2188 |
| 539 | 14667.8177 | 1889.0958 | 10965.2579 | 18370.3774 | 16360.1067 | 1692.2890 |
| 540 | 14661.0563 | 1889.0958 | 10958.4966 | 18363.6161 | 16479.2133 | 1818.1570 |
| 541 | 13468.9097 | 1889.0958 | 9766.3500 | 17171.4695 | 19196.8800 | 5727.9703 |
| 542 | 14440.1514 | 1889.0958 | 10737.5916 | 18142.7111 | 18671.6933 | 4231.5420 |

| Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 543 | 16436.8446 | 1889.0958 | 12734.2848 | 20139.4044 | 18336.8067 | 1899.9620 |
| 544 | 13935.2456 | 1889.0958 | 10232.6858 | 17637.8054 | 16765.0181 | 2829.7725 |
| 545 | 11810.6915 | 1889.0958 | 8108.1317 | 15513.2513 | 13037.8624 | 1227.1709 |
| 546 | 10247.9940 | 1889.0958 | 6545.4342 | 13950.5538 | 9695.4400 | -552.5540 |
| 547 | 7988.5618 | 1889.0958 | 4286.0020 | 11691.1216 | 7886.7867 | -101.7751 |
| 548 | 7057.9993 | 1889.0958 | 3355.4395 | 10760.5591 | 7739.7333 | 681.7340 |
| 549 | 7408.8261 | 1889.0958 | 3706.2664 | 11111.3859 | 6667.3367 | -741.4895 |
| 550 | 5692.7746 | 1889.0958 | 1990.2149 | 9395.3344 | 5908.1038 | 215.3292 |
| 551 | 5482.3180 | 1889.0958 | 1779.7582 | 9184.8778 | 5088.5238 | -393.7942 |
| 552 | 4439.0284 | 1889.0958 | 736.4686 | 8141.5881 | 3556.1224 | -882.9060 |
| 553 | 3487.7613 | 1889.0958 | -214.7985 | 7190.3211 | 2237.4810 | -1250.2803 |
| 554 | 1722.8203 | 1889.0958 | -1979.7395 | 5425.3801 | 1117.4090 | -605.4112 |
| 555 | 373.4325 | 1889.0958 | -3329.1273 | 4075.9923 | 326.6419 | -46.7906 |
| 556 | 1303.0772 | 1889.0958 | -2399.4825 | 5005.6370 | 0.0000 | -1303.0772 |
| 557 | -527.3204 | 1889.0958 | -4229.8802 | 3175.2394 | 0.0000 | 527.3204 |
| 558 | 2465.5418 | 1889.0958 | -1237.0180 | 6168.1016 | 0.0000 | -2465.5418 |
| 559 | -443.9343 | 1889.0958 | -4146.4940 | 3258.6255 | 0.0000 | 443.9343 |
| 560 | 360.1098 | 1889.0958 | -3342.4500 | 4062.6696 | 0.0000 | -360.1098 |
| 561 | -737.0137 | 1889.0958 | -4439.5735 | 2965.5461 | 0.0000 | 737.0137 |
| 562 | 436.8774 | 1889.0958 | -3265.6824 | 4139.4372 | 0.0000 | -436.8774 |
| 563 | -127.8579 | 1889.0958 | -3830.4177 | 3574.7019 | 0.0000 | 127.8579 |
| 564 | 167.0334 | 1889.0958 | -3535.5263 | 3869.5932 | 0.0000 | -167.0334 |
| 565 | 312.9303 | 1889.0958 | -3389.6295 | 4015.4901 | 0.0000 | -312.9303 |
| 566 | 592.0220 | 1889.0958 | -3110.5378 | 4294.5818 | 0.0000 | -592.0220 |
| 567 | -229.5066 | 1889.0958 | -3932.0664 | 3473.0532 | 0.0000 | 229.5066 |
| 568 | 131.9185 | 1889.0958 | -3570.6413 | 3834.4783 | 0.0000 | -131.9185 |
| 569 | -19.9743 | 1889.0958 | -3722.5341 | 3682.5855 | 0.0000 | 19.9743 |
| 570 | 219.6568 | 1889.0958 | -3482.9030 | 3922.2166 | 0.0000 | -219.6568 |
| 571 | 126.4239 | 1889.0958 | -3576.1358 | 3828.9837 | 0.0000 | -126.4239 |
| 572 | 167.4296 | 1889.0958 | -3535.1302 | 3869.9894 | 0.0000 | -167.4296 |
| 573 | 101.9880 | 1889.0958 | -3600.5718 | 3804.5478 | 0.0000 | -101.9880 |
| 574 | 254.2787 | 1889.0958 | -3448.2811 | 3956.8384 | 0.0000 | -254.2787 |
| 575 | 223.9503 | 1889.0958 | -3478.6095 | 3926.5101 | 0.0000 | -223.9503 |
| 576 | -113.4836 | 1889.0958 | -3816.0434 | 3589.0762 | 0.0000 | 113.4836 |
| 577 | -44.8663 | 1889.0958 | -3747.4261 | 3657.6935 | 0.0000 | 44.8663 |
| 578 | -156.8676 | 1889.0958 | -3859.4274 | 3545.6922 | 0.0000 | 156.8676 |
| 579 | -293.7559 | 1889.0958 | -3996.3157 | 3408.8039 | 0.0000 | 293.7559 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 580 | 88.7566 | 1889.0958 | -3613.8031 | 3791.3164 | 0.0000 | -88.7566 |
| 581 | -174.5428 | 1889.0958 | -3877.1026 | 3528.0169 | 0.0000 | 174.5428 |
| 582 | 94.0815 | 1889.0958 | -3608.4783 | 3796.6413 | 0.0000 | -94.0815 |
| 583 | 81.7017 | 1889.0958 | -3620.8581 | 3784.2615 | 0.0000 | -81.7017 |
| 584 | -77.2400 | 1889.0958 | -3779.7998 | 3625.3197 | 0.0000 | 77.2400 |
| 585 | -165.2580 | 1889.0958 | -3867.8178 | 3537.3017 | 0.0000 | 165.2580 |
| 586 | 233.0900 | 1889.0958 | -3469.4698 | 3935.6498 | 0.0000 | -233.0900 |
| 587 | -27.1791 | 1889.0958 | -3729.7388 | 3675.3807 | 0.0000 | 27.1791 |
| 588 | -60.9708 | 1889.0958 | -3763.5306 | 3641.5890 | 0.0000 | 60.9708 |
| 589 | -110.7287 | 1889.0958 | -3813.2885 | 3591.8311 | 0.0000 | 110.7287 |
| 590 | -51.0927 | 1889.0958 | -3753.6525 | 3651.4671 | 0.0000 | 51.0927 |
| 591 | -51.6818 | 1889.0958 | -3754.2416 | 3650.8780 | 0.0000 | 51.6818 |
| 592 | -119.4604 | 1889.0958 | -3822.0202 | 3583.0994 | 0.0000 | 119.4604 |
| 593 | 163.1502 | 1889.0958 | -3539.4096 | 3865.7100 | 0.0000 | -163.1502 |
| 594 | 118.1450 | 1889.0958 | -3584.4148 | 3820.7048 | 0.0000 | -118.1450 |
| 595 | -131.0483 | 1889.0958 | -3833.6081 | 3571.5115 | 0.0000 | 131.0483 |
| 596 | 145.9235 | 1889.0958 | -3556.6363 | 3848.4833 | 0.0000 | -145.9235 |
| 597 | 83.9196 | 1889.0958 | -3618.6402 | 3786.4794 | 0.0000 | -83.9196 |
| 598 | 6.3846 | 1889.0958 | -3696.1751 | 3708.9444 | 0.0000 | -6.3846 |
| 599 | -65.0038 | 1889.0958 | -3767.5635 | 3637.5560 | 0.0000 | 65.0038 |
| 600 | 149.9833 | 1889.0958 | -3552.5765 | 3852.5431 | 0.0000 | -149.9833 |
| 601 | 162.3332 | 1889.0958 | -3540.2266 | 3864.8930 | 214.1486 | 51.8154 |
| 602 | 527.0908 | 1889.0958 | -3175.4690 | 4229.6506 | 779.9257 | 252.8349 |
| 603 | 1195.5674 | 1889.0958 | -2506.9923 | 4898.1272 | 1513.4490 | 317.8816 |
| 604 | 2077.3164 | 1889.0958 | -1625.2434 | 5779.8762 | 2281.1467 | 203.8302 |
| 605 | 2614.2045 | 1889.0958 | -1088.3553 | 6316.7643 | 3165.3090 | 551.1045 |
| 606 | 3793.6894 | 1889.0958 | 91.1297 | 7496.2492 | 4201.0124 | 407.3229 |
| 607 | 4928.1459 | 1889.0958 | 1225.5861 | 8630.7057 | 5963.9514 | 1035.8055 |
| 608 | 6564.7261 | 1889.0958 | 2862.1664 | 10267.2859 | 7030.5400 | 465.8139 |
| 609 | 6693.3154 | 1889.0958 | 2990.7556 | 10395.8752 | 7982.7533 | 1289.4379 |
| 610 | 8850.0864 | 1889.0958 | 5147.5266 | 12552.6461 | 9998.2767 | 1148.1903 |
| 611 | 9966.0599 | 1889.0958 | 6263.5001 | 13668.6197 | 11373.4776 | 1407.4177 |
| 612 | 10962.8159 | 1889.0958 | 7260.2561 | 14665.3757 | 11850.8324 | 888.0165 |
| 613 | 11239.2135 | 1889.0958 | 7536.6538 | 14941.7733 | 12843.9067 | 1604.6931 |
| 614 | 11280.4091 | 1889.0958 | 7577.8493 | 14982.9688 | 13586.9133 | 2306.5043 |
| 615 | 12855.8262 | 1889.0958 | 9153.2664 | 16558.3859 | 13201.9005 | 346.0743 |
| 616 | 12612.6913 | 1889.0958 | 8910.1315 | 16315.2511 | 8309.8800 | -4302.8113 |

| Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 617 | 6910.3784 | 1889.0958 | 3207.8186 | 10612.9382 | 2393.7862 | -4516.5922 |
| 618 | 2108.5496 | 1889.0958 | -1594.0101 | 5811.1094 | 9702.7348 | 7594.1851 |
| 619 | 8404.7571 | 1889.0958 | 4702.1974 | 12107.3169 | 9075.1400 | 670.3829 |
| 620 | 3649.8389 | 1889.0958 | -52.7209 | 7352.3987 | 7946.7133 | 4296.8745 |
| 621 | 7346.8010 | 1889.0958 | 3644.2412 | 11049.3608 | 9207.7795 | 1860.9786 |
| 622 | 7585.1552 | 1889.0958 | 3882.5954 | 11287.7150 | 11992.4133 | 4407.2581 |
| 623 | 10017.3343 | 1889.0958 | 6314.7745 | 13719.8941 | 12315.2933 | 2297.9590 |
| 624 | 10771.1890 | 1889.0958 | 7068.6292 | 14473.7488 | 12403.7133 | 1632.5243 |
| 625 | 11257.5787 | 1889.0958 | 7555.0189 | 14960.1384 | 12015.4467 | 757.8680 |
| 626 | 9283.4317 | 1889.0958 | 5580.8720 | 12985.9915 | 11421.0071 | 2137.5754 |
| 627 | 10066.2535 | 1889.0958 | 6363.6937 | 13768.8133 | 11343.8467 | 1277.5932 |
| 628 | 9944.0340 | 1889.0958 | 6241.4742 | 13646.5938 | 11322.2200 | 1378.1860 |
| 629 | 9755.0475 | 1889.0958 | 6052.4877 | 13457.6073 | 11846.5667 | 2091.5192 |
| 630 | 9882.2286 | 1889.0958 | 6179.6688 | 13584.7883 | 11766.9133 | 1884.6848 |
| 631 | 10231.7741 | 1889.0958 | 6529.2143 | 13934.3338 | 18816.6971 | 8584.9231 |
| 632 | 13761.3228 | 1889.0958 | 10058.7630 | 17463.8826 | 19810.1119 | 6048.7891 |
| 633 | 14725.9432 | 1889.0958 | 11023.3834 | 18428.5030 | 19278.6867 | 4552.7434 |
| 634 | 25315.7679 | 1889.0958 | 21613.2081 | 29018.3277 | 18881.2667 | -6434.5012 |
| 635 | 19539.5305 | 1889.0958 | 15836.9707 | 23242.0903 | 18591.0895 | -948.4409 |
| 636 | 20442.7497 | 1889.0958 | 16740.1899 | 24145.3095 | 17306.5700 | -3136.1797 |
| 637 | 21680.0333 | 1889.0958 | 17977.4735 | 25382.5931 | 16722.8452 | -4957.1881 |
| 638 | 18220.0448 | 1889.0958 | 14517.4850 | 21922.6045 | 15324.7667 | -2895.2781 |
| 639 | 14149.6804 | 1889.0958 | 10447.1206 | 17852.2402 | 11466.8933 | -2682.7870 |
| 640 | 12854.3525 | 1889.0958 | 9151.7927 | 16556.9123 | 11515.2843 | -1339.0682 |
| 641 | 11588.4566 | 1889.0958 | 7885.8968 | 15291.0164 | 11248.2990 | -340.1576 |
| 642 | 9293.2782 | 1889.0958 | 5590.7185 | 12995.8380 | 9426.8381 | 133.5599 |
| 643 | 8844.3990 | 1889.0958 | 5141.8392 | 12546.9588 | 9271.0733 | 426.6744 |
| 644 | 7411.9474 | 1889.0958 | 3709.3876 | 11114.5072 | 7353.3800 | -58.5674 |
| 645 | 6574.8742 | 1889.0958 | 2872.3144 | 10277.4340 | 6277.2514 | -297.6228 |
| 646 | 5346.2751 | 1889.0958 | 1643.7153 | 9048.8349 | 4868.1238 | -478.1513 |
| 647 | 4394.2540 | 1889.0958 | 691.6942 | 8096.8138 | 3464.1657 | -930.0883 |
| 648 | 2552.1134 | 1889.0958 | -1150.4463 | 6254.6732 | 2205.6267 | -346.4868 |
| 649 | 1123.7838 | 1889.0958 | -2578.7760 | 4826.3436 | 1294.0533 | 170.2695 |
| 650 | 573.5907 | 1889.0958 | -3128.9691 | 4276.1504 | 668.8138 | 95.2232 |
| 651 | 217.6874 | 1889.0958 | -3484.8724 | 3920.2472 | 178.5300 | -39.1574 |
| 652 | -94.7204 | 1889.0958 | -3797.2802 | 3607.8394 | 0.0000 | 94.7204 |
| 653 | -129.4213 | 1889.0958 | -3831.9811 | 3573.1385 | 0.0000 | 129.4213 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **654** | 4.2413 | 1889.0958 | -3698.3185 | 3706.8011 | 0.0000 | -4.2413 |
| **655** | 186.5876 | 1889.0958 | -3515.9722 | 3889.1474 | 0.0000 | -186.5876 |
| **656** | 65.4126 | 1889.0958 | -3637.1472 | 3767.9724 | 0.0000 | -65.4126 |
| **657** | -81.8295 | 1889.0958 | -3784.3893 | 3620.7303 | 0.0000 | 81.8295 |
| **658** | -54.4601 | 1889.0958 | -3757.0199 | 3648.0997 | 0.0000 | 54.4601 |
| **659** | 220.0396 | 1889.0958 | -3482.5202 | 3922.5993 | 0.0000 | -220.0396 |
| **660** | 438.5744 | 1889.0958 | -3263.9854 | 4141.1342 | 0.0000 | -438.5744 |
| **661** | -424.9625 | 1889.0958 | -4127.5223 | 3277.5973 | 0.0000 | 424.9625 |
| **662** | -55.0267 | 1889.0958 | -3757.5865 | 3647.5330 | 0.0000 | 55.0267 |
| **663** | 148.8390 | 1889.0958 | -3553.7208 | 3851.3988 | 0.0000 | -148.8390 |
| **664** | -34.4258 | 1889.0958 | -3736.9855 | 3668.1340 | 0.0000 | 34.4258 |
| **665** | 114.8049 | 1889.0958 | -3587.7549 | 3817.3647 | 0.0000 | -114.8049 |
| **666** | 32.7575 | 1889.0958 | -3669.8023 | 3735.3173 | 0.0000 | -32.7575 |
| **667** | 2.5221 | 1889.0958 | -3700.0377 | 3705.0819 | 0.0000 | -2.5221 |
| **668** | 121.4431 | 1889.0958 | -3581.1167 | 3824.0029 | 0.0000 | -121.4431 |
| **669** | -58.4424 | 1889.0958 | -3761.0022 | 3644.1174 | 0.0000 | 58.4424 |
| **670** | -134.2242 | 1889.0958 | -3836.7839 | 3568.3356 | 0.0000 | 134.2242 |
| **671** | -32.0171 | 1889.0958 | -3734.5769 | 3670.5426 | 0.0000 | 32.0171 |
| **672** | 196.3491 | 1889.0958 | -3506.2107 | 3898.9089 | 0.0000 | -196.3491 |
| **673** | 209.8654 | 1889.0958 | -3492.6944 | 3912.4251 | 0.0000 | -209.8654 |
| **674** | -24.0619 | 1889.0958 | -3726.6217 | 3678.4979 | 0.0000 | 24.0619 |
| **675** | -38.3641 | 1889.0958 | -3740.9239 | 3664.1957 | 0.0000 | 38.3641 |
| **676** | -12.6030 | 1889.0958 | -3715.1628 | 3689.9568 | 0.0000 | 12.6030 |
| **677** | -76.2093 | 1889.0958 | -3778.7691 | 3626.3504 | 0.0000 | 76.2093 |
| **678** | 58.4107 | 1889.0958 | -3644.1491 | 3760.9704 | 0.0000 | -58.4107 |
| **679** | 32.3030 | 1889.0958 | -3670.2568 | 3734.8628 | 0.0000 | -32.3030 |
| **680** | 63.2539 | 1889.0958 | -3639.3059 | 3765.8137 | 0.0000 | -63.2539 |
| **681** | 122.8374 | 1889.0958 | -3579.7223 | 3825.3972 | 0.0000 | -122.8374 |
| **682** | -104.1840 | 1889.0958 | -3806.7438 | 3598.3758 | 0.0000 | 104.1840 |
| **683** | 67.2532 | 1889.0958 | -3635.3066 | 3769.8130 | 0.0000 | -67.2532 |
| **684** | 52.2534 | 1889.0958 | -3650.3064 | 3754.8132 | 0.0000 | -52.2534 |
| **685** | 129.9903 | 1889.0958 | -3572.5695 | 3832.5500 | 0.0000 | -129.9903 |
| **686** | 83.0777 | 1889.0958 | -3619.4821 | 3785.6374 | 0.0000 | -83.0777 |
| **687** | 65.3934 | 1889.0958 | -3637.1664 | 3767.9532 | 0.0000 | -65.3934 |
| **688** | -23.6351 | 1889.0958 | -3726.1949 | 3678.9247 | 0.0000 | 23.6351 |
| **689** | -2.4941 | 1889.0958 | -3705.0539 | 3700.0657 | 0.0000 | 2.4941 |
| **690** | -16.7383 | 1889.0958 | -3719.2981 | 3685.8215 | 0.0000 | 16.7383 |

| | | | \\ Forecasts for variable AC_POWER | | | |
|---|---|---|---|---|---|---|

| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
|---|---|---|---|---|---|---|
| 691 | 38.3091 | 1889.0958 | -3664.2507 | 3740.8688 | 0.0000 | -38.3091 |
| 692 | -157.5075 | 1889.0958 | -3860.0672 | 3545.0523 | 0.0000 | 157.5075 |
| 693 | -137.5443 | 1889.0958 | -3840.1040 | 3565.0155 | 0.0000 | 137.5443 |
| 694 | 13.9871 | 1889.0958 | -3688.5727 | 3716.5469 | 0.0000 | -13.9871 |
| 695 | 0.9609 | 1889.0958 | -3701.5989 | 3703.5206 | 0.0000 | -0.9609 |
| 696 | 19.4364 | 1889.0958 | -3683.1234 | 3721.9962 | 3.5333 | -15.9030 |
| 697 | 282.4032 | 1889.0958 | -3420.1566 | 3984.9630 | 355.5133 | 73.1101 |
| 698 | 1074.7271 | 1889.0958 | -2627.8326 | 4777.2869 | 888.1095 | -186.6176 |
| 699 | 1738.0600 | 1889.0958 | -1964.4998 | 5440.6198 | 1828.2133 | 90.1533 |
| 700 | 2539.2894 | 1889.0958 | -1163.2704 | 6241.8492 | 2915.9452 | 376.6558 |
| 701 | 3544.8580 | 1889.0958 | -157.7017 | 7247.4178 | 3425.3790 | -119.4790 |
| 702 | 4870.2941 | 1889.0958 | 1167.7343 | 8572.8539 | 4848.4933 | -21.8007 |
| 703 | 6860.0552 | 1889.0958 | 3157.4954 | 10562.6150 | 7009.6095 | 149.5544 |
| 704 | 7932.4044 | 1889.0958 | 4229.8446 | 11634.9642 | 8308.8876 | 376.4832 |
| 705 | 9344.9146 | 1889.0958 | 5642.3548 | 13047.4744 | 9477.2129 | 132.2983 |
| 706 | 10888.3563 | 1889.0958 | 7185.7965 | 14590.9161 | 10795.2819 | -93.0744 |
| 707 | 11905.8046 | 1889.0958 | 8203.2449 | 15608.3644 | 12401.8800 | 496.0754 |
| 708 | 13098.7131 | 1889.0958 | 9396.1533 | 16801.2729 | 13503.8981 | 405.1850 |
| 709 | 14322.5415 | 1889.0958 | 10619.9817 | 18025.1013 | 12704.2729 | -1618.2686 |
| 710 | 13499.9851 | 1889.0958 | 9797.4253 | 17202.5449 | 12571.3000 | -928.6851 |
| 711 | 12929.5565 | 1889.0958 | 9226.9967 | 16632.1163 | 12217.9495 | -711.6070 |
| 712 | 6939.9192 | 1889.0958 | 3237.3594 | 10642.4789 | 12476.7457 | 5536.8266 |
| 713 | 5893.5948 | 1889.0958 | 2191.0350 | 9596.1545 | 12269.7333 | 6376.1386 |
| 714 | 14763.7499 | 1889.0958 | 11061.1901 | 18466.3097 | 12454.1090 | -2309.6408 |
| 715 | 9758.1032 | 1889.0958 | 6055.5434 | 13460.6630 | 12149.3067 | 2391.2035 |
| 716 | 13026.1904 | 1889.0958 | 9323.6306 | 16728.7502 | 12048.4171 | -977.7732 |
| 717 | 11435.9031 | 1889.0958 | 7733.3434 | 15138.4629 | 12190.5538 | 754.6507 |
| 718 | 13950.7838 | 1889.0958 | 10248.2240 | 17653.3436 | 12335.9400 | -1614.8438 |
| 719 | 12851.2872 | 1889.0958 | 9148.7274 | 16553.8470 | 12544.2400 | -307.0472 |
| 720 | 12019.7237 | 1889.0958 | 8317.1639 | 15722.2835 | 12600.0105 | 580.2868 |
| 721 | 11784.0998 | 1889.0958 | 8081.5400 | 15486.6596 | 12552.4490 | 768.3493 |
| 722 | 12539.0092 | 1889.0958 | 8836.4494 | 16241.5690 | 12563.5010 | 24.4918 |
| 723 | 12257.3374 | 1889.0958 | 8554.7776 | 15959.8972 | 12504.7267 | 247.3893 |
| 724 | 11267.7844 | 1889.0958 | 7565.2246 | 14970.3442 | 12482.9000 | 1215.1156 |
| 725 | 12088.7335 | 1889.0958 | 8386.1738 | 15791.2933 | 13237.4692 | 1148.7357 |
| 726 | 12847.9732 | 1889.0958 | 9145.4135 | 16550.5330 | 12979.0910 | 131.1177 |
| 727 | 18670.5587 | 1889.0958 | 14967.9989 | 22373.1185 | 11504.9067 | -7165.6521 |

| Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 728 | 15507.2757 | 1889.0958 | 11804.7159 | 19209.8355 | 11899.5005 | -3607.7752 |
| 729 | 15170.9969 | 1889.0958 | 11468.4371 | 18873.5567 | 12080.0400 | -3090.9569 |
| 730 | 13669.5216 | 1889.0958 | 9966.9618 | 17372.0813 | 12493.2686 | -1176.2530 |
| 731 | 14235.8467 | 1889.0958 | 10533.2869 | 17938.4065 | 13434.3195 | -801.5272 |
| 732 | 12458.1164 | 1889.0958 | 8755.5566 | 16160.6762 | 14794.5000 | 2336.3836 |
| 733 | 14488.8326 | 1889.0958 | 10786.2728 | 18191.3924 | 15524.2257 | 1035.3931 |
| 734 | 14352.9049 | 1889.0958 | 10650.3451 | 18055.4647 | 14535.4852 | 182.5803 |
| 735 | 12182.0685 | 1889.0958 | 8479.5087 | 15884.6282 | 13629.6795 | 1447.6111 |
| 736 | 12713.0711 | 1889.0958 | 9010.5113 | 16415.6308 | 12515.0733 | -197.9977 |
| 737 | 11443.2310 | 1889.0958 | 7740.6712 | 15145.7908 | 11325.2933 | -117.9377 |
| 738 | 9647.1239 | 1889.0958 | 5944.5641 | 13349.6837 | 10033.0238 | 385.8999 |
| 739 | 8924.4506 | 1889.0958 | 5221.8908 | 12627.0104 | 8729.0071 | -195.4435 |
| 740 | 7614.3682 | 1889.0958 | 3911.8084 | 11316.9280 | 7336.5019 | -277.8663 |
| 741 | 6109.5766 | 1889.0958 | 2407.0168 | 9812.1364 | 5911.7648 | -197.8118 |
| 742 | 5001.3298 | 1889.0958 | 1298.7700 | 8703.8896 | 4577.9133 | -423.4165 |
| 743 | 3296.8960 | 1889.0958 | -405.6638 | 6999.4558 | 3287.2033 | -9.6927 |
| 744 | 2196.3933 | 1889.0958 | -1506.1665 | 5898.9531 | 2160.9500 | -35.4433 |
| 745 | 762.2027 | 1889.0958 | -2940.3571 | 4464.7625 | 753.4905 | -8.7122 |
| 746 | 357.5569 | 1889.0958 | -3345.0029 | 4060.1167 | 227.5214 | -130.0355 |
| 747 | 81.8902 | 1889.0958 | -3620.6696 | 3784.4500 | 13.6000 | -68.2902 |
| 748 | 79.6982 | 1889.0958 | -3622.8616 | 3782.2579 | 0.0000 | -79.6982 |
| 749 | 278.8206 | 1889.0958 | -3423.7392 | 3981.3804 | 0.0000 | -278.8206 |
| 750 | 14.9300 | 1889.0958 | -3687.6298 | 3717.4898 | 0.0000 | -14.9300 |
| 751 | -371.5956 | 1889.0958 | -4074.1554 | 3330.9642 | 0.0000 | 371.5956 |
| 752 | -216.3379 | 1889.0958 | -3918.8977 | 3486.2219 | 0.0000 | 216.3379 |
| 753 | 135.3644 | 1889.0958 | -3567.1954 | 3837.9242 | 0.0000 | -135.3644 |
| 754 | 178.3954 | 1889.0958 | -3524.1643 | 3880.9552 | 0.0000 | -178.3954 |
| 755 | 206.0492 | 1889.0958 | -3496.5106 | 3908.6090 | 0.0000 | -206.0492 |
| 756 | 137.2536 | 1889.0958 | -3565.3062 | 3839.8134 | 0.0000 | -137.2536 |
| 757 | 175.5968 | 1889.0958 | -3526.9629 | 3878.1566 | 0.0000 | -175.5968 |
| 758 | 76.3457 | 1889.0958 | -3626.2141 | 3778.9055 | 0.0000 | -76.3457 |
| 759 | -26.5266 | 1889.0958 | -3729.0864 | 3676.0332 | 0.0000 | 26.5266 |
| 760 | 204.7923 | 1889.0958 | -3497.7675 | 3907.3521 | 0.0000 | -204.7923 |
| 761 | 103.3465 | 1889.0958 | -3599.2132 | 3805.9063 | 0.0000 | -103.3465 |
| 762 | 68.8177 | 1889.0958 | -3633.7421 | 3771.3775 | 0.0000 | -68.8177 |
| 763 | -1.9207 | 1889.0958 | -3704.4805 | 3700.6390 | 0.0000 | 1.9207 |
| 764 | 65.6682 | 1889.0958 | -3636.8916 | 3768.2279 | 0.0000 | -65.6682 |

| | Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 765 | 153.0135 | 1889.0958 | -3549.5463 | 3855.5733 | 0.0000 | -153.0135 |
| 766 | 120.2105 | 1889.0958 | -3582.3493 | 3822.7703 | 0.0000 | -120.2105 |
| 767 | 67.5313 | 1889.0958 | -3635.0285 | 3770.0911 | 0.0000 | -67.5313 |
| 768 | -196.2355 | 1889.0958 | -3898.7953 | 3506.3243 | 0.0000 | 196.2355 |
| 769 | -133.3411 | 1889.0958 | -3835.9009 | 3569.2187 | 0.0000 | 133.3411 |
| 770 | 9.8364 | 1889.0958 | -3692.7234 | 3712.3961 | 0.0000 | -9.8364 |
| 771 | 152.6386 | 1889.0958 | -3549.9212 | 3855.1984 | 0.0000 | -152.6386 |
| 772 | 181.9514 | 1889.0958 | -3520.6084 | 3884.5112 | 0.0000 | -181.9514 |
| 773 | 123.9148 | 1889.0958 | -3578.6450 | 3826.4746 | 0.0000 | -123.9148 |
| 774 | 93.6208 | 1889.0958 | -3608.9390 | 3796.1806 | 0.0000 | -93.6208 |
| 775 | -87.5157 | 1889.0958 | -3790.0754 | 3615.0441 | 0.0000 | 87.5157 |
| 776 | -77.5936 | 1889.0958 | -3780.1534 | 3624.9662 | 0.0000 | 77.5936 |
| 777 | 24.4737 | 1889.0958 | -3678.0861 | 3727.0335 | 0.0000 | -24.4737 |
| 778 | 31.1257 | 1889.0958 | -3671.4341 | 3733.6855 | 0.0000 | -31.1257 |
| 779 | 18.3172 | 1889.0958 | -3684.2425 | 3720.8770 | 0.0000 | -18.3172 |
| 780 | 295.2337 | 1889.0958 | -3407.3261 | 3997.7934 | 0.0000 | -295.2337 |
| 781 | 191.4760 | 1889.0958 | -3511.0838 | 3894.0358 | 0.0000 | -191.4760 |
| 782 | 53.9033 | 1889.0958 | -3648.6565 | 3756.4631 | 0.0000 | -53.9033 |
| 783 | 20.5620 | 1889.0958 | -3681.9978 | 3723.1218 | 0.0000 | -20.5620 |
| 784 | 198.6198 | 1889.0958 | -3503.9399 | 3901.1796 | 0.0000 | -198.6198 |
| 785 | 57.6129 | 1889.0958 | -3644.9469 | 3760.1727 | 0.0000 | -57.6129 |
| 786 | -100.3368 | 1889.0958 | -3802.8966 | 3602.2230 | 0.0000 | 100.3368 |
| 787 | 174.9928 | 1889.0958 | -3527.5670 | 3877.5526 | 0.0000 | -174.9928 |
| 788 | -7.4786 | 1889.0958 | -3710.0384 | 3695.0812 | 0.0000 | 7.4786 |
| 789 | -85.6565 | 1889.0958 | -3788.2163 | 3616.9033 | 0.0000 | 85.6565 |
| 790 | -44.7691 | 1889.0958 | -3747.3289 | 3657.7906 | 0.0000 | 44.7691 |
| 791 | 269.8603 | 1889.0958 | -3432.6995 | 3972.4201 | 0.0000 | -269.8603 |
| 792 | -134.6611 | 1889.0958 | -3837.2209 | 3567.8987 | 0.0000 | 134.6611 |
| 793 | 477.0680 | 1889.0958 | -3225.4918 | 4179.6278 | 301.6738 | -175.3942 |
| 794 | 605.8588 | 1889.0958 | -3096.7010 | 4308.4186 | 803.4600 | 197.6012 |
| 795 | 1704.5908 | 1889.0958 | -1997.9690 | 5407.1506 | 1494.4852 | -210.1056 |
| 796 | 2567.3087 | 1889.0958 | -1135.2511 | 6269.8685 | 2379.6890 | -187.6196 |
| 797 | 4311.4617 | 1889.0958 | 608.9019 | 8014.0215 | 3462.7262 | -848.7355 |
| 798 | 4947.2038 | 1889.0958 | 1244.6441 | 8649.7636 | 4720.9848 | -226.2191 |
| 799 | 6289.0769 | 1889.0958 | 2586.5171 | 9991.6367 | 6123.3600 | -165.7169 |
| 800 | 7656.8042 | 1889.0958 | 3954.2445 | 11359.3640 | 7504.2152 | -152.5890 |
| 801 | 8810.4694 | 1889.0958 | 5107.9096 | 12513.0291 | 8939.5533 | 129.0840 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **802** | 10208.7606 | 1889.0958 | 6506.2008 | 13911.3204 | 10338.8676 | 130.1070 |
| **803** | 11914.0280 | 1889.0958 | 8211.4682 | 15616.5877 | 11657.0776 | -256.9503 |
| **804** | 12754.5197 | 1889.0958 | 9051.9599 | 16457.0794 | 12937.2605 | 182.7408 |
| **805** | 12260.3640 | 1889.0958 | 8557.8042 | 15962.9238 | 14062.0881 | 1801.7241 |
| **806** | 14221.0205 | 1889.0958 | 10518.4607 | 17923.5803 | 14924.3667 | 703.3461 |
| **807** | 13510.0658 | 1889.0958 | 9807.5060 | 17212.6256 | 12903.3648 | -606.7011 |
| **808** | 13174.2655 | 1889.0958 | 9471.7057 | 16876.8253 | 12145.1038 | -1029.1617 |
| **809** | 12820.6460 | 1889.0958 | 9118.0862 | 16523.2058 | 12697.7933 | -122.8526 |
| **810** | 12856.3841 | 1889.0958 | 9153.8243 | 16558.9439 | 12660.2800 | -196.1041 |
| **811** | 12772.1567 | 1889.0958 | 9069.5970 | 16474.7165 | 12394.3467 | -377.8101 |
| **812** | 12571.1400 | 1889.0958 | 8868.5802 | 16273.6998 | 11906.9533 | -664.1866 |
| **813** | 12371.1272 | 1889.0958 | 8668.5674 | 16073.6869 | 12175.6257 | -195.5014 |
| **814** | 13277.7589 | 1889.0958 | 9575.1991 | 16980.3187 | 12414.2067 | -863.5522 |
| **815** | 12816.0196 | 1889.0958 | 9113.4598 | 16518.5794 | 12526.2448 | -289.7749 |
| **816** | 13055.3897 | 1889.0958 | 9352.8299 | 16757.9495 | 12556.3267 | -499.0630 |
| **817** | 12891.4219 | 1889.0958 | 9188.8621 | 16593.9817 | 12492.8162 | -398.6057 |
| **818** | 12856.6666 | 1889.0958 | 9154.1068 | 16559.2264 | 12409.4876 | -447.1789 |
| **819** | 11625.2616 | 1889.0958 | 7922.7018 | 15327.8214 | 13033.5481 | 1408.2865 |
| **820** | 13967.3316 | 1889.0958 | 10264.7718 | 17669.8914 | 13026.0605 | -941.2711 |
| **821** | 14130.0234 | 1889.0958 | 10427.4636 | 17832.5832 | 11955.6133 | -2174.4101 |
| **822** | 12226.1023 | 1889.0958 | 8523.5425 | 15928.6621 | 13339.1519 | 1113.0496 |
| **823** | 13336.6932 | 1889.0958 | 9634.1335 | 17039.2530 | 13778.8490 | 442.1558 |
| **824** | 14128.6642 | 1889.0958 | 10426.1044 | 17831.2240 | 13447.5133 | -681.1509 |
| **825** | 12038.1805 | 1889.0958 | 8335.6207 | 15740.7402 | 12470.5200 | 432.3395 |
| **826** | 13825.1513 | 1889.0958 | 10122.5915 | 17527.7110 | 12990.8195 | -834.3317 |
| **827** | 14002.7415 | 1889.0958 | 10300.1817 | 17705.3013 | 14051.8338 | 49.0923 |
| **828** | 15983.1498 | 1889.0958 | 12280.5900 | 19685.7095 | 14682.0271 | -1301.1226 |
| **829** | 14659.6032 | 1889.0958 | 10957.0434 | 18362.1629 | 15172.6000 | 512.9968 |
| **830** | 14046.3843 | 1889.0958 | 10343.8245 | 17748.9440 | 14211.3933 | 165.0091 |
| **831** | 13684.9798 | 1889.0958 | 9982.4200 | 17387.5395 | 13254.6000 | -430.3798 |
| **832** | 12373.5702 | 1889.0958 | 8671.0104 | 16076.1300 | 12195.3686 | -178.2017 |
| **833** | 10691.5014 | 1889.0958 | 6988.9416 | 14394.0612 | 10748.5929 | 57.0914 |
| **834** | 9744.5915 | 1889.0958 | 6042.0317 | 13447.1513 | 9597.0343 | -147.5572 |
| **835** | 8538.2046 | 1889.0958 | 4835.6448 | 12240.7644 | 8394.4200 | -143.7846 |
| **836** | 7031.9812 | 1889.0958 | 3329.4214 | 10734.5410 | 7313.5533 | 281.5721 |
| **837** | 5818.5141 | 1889.0958 | 2115.9543 | 9521.0739 | 5905.1743 | 86.6602 |
| **838** | 4182.5593 | 1889.0958 | 479.9995 | 7885.1191 | 4535.0343 | 352.4750 |

| | | | Forecasts for variable AC_POWER | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 839 | 3085.9472 | 1889.0958 | -616.6126 | 6788.5070 | 3269.1267 | 183.1794 |
| 840 | 2369.8394 | 1889.0958 | -1332.7203 | 6072.3992 | 2188.5995 | -181.2399 |
| 841 | 1390.0654 | 1889.0958 | -2312.4944 | 5092.6252 | 1320.9600 | -69.1054 |
| 842 | 597.2340 | 1889.0958 | -3105.3258 | 4299.7937 | 580.6662 | -16.5678 |
| 843 | 35.0146 | 1889.0958 | -3667.5452 | 3737.5744 | 55.0929 | 20.0782 |
| 844 | 311.5753 | 1889.0958 | -3390.9845 | 4014.1351 | 0.0000 | -311.5753 |
| 845 | -4.9514 | 1889.0958 | -3707.5112 | 3697.6084 | 0.0000 | 4.9514 |
| 846 | 168.7552 | 1889.0958 | -3533.8046 | 3871.3150 | 0.0000 | -168.7552 |
| 847 | 327.3187 | 1889.0958 | -3375.2411 | 4029.8784 | 0.0000 | -327.3187 |
| 848 | 324.1127 | 1889.0958 | -3378.4470 | 4026.6725 | 0.0000 | -324.1127 |
| 849 | -218.3233 | 1889.0958 | -3920.8831 | 3484.2365 | 0.0000 | 218.3233 |
| 850 | -287.0734 | 1889.0958 | -3989.6332 | 3415.4864 | 0.0000 | 287.0734 |
| 851 | -138.4280 | 1889.0958 | -3840.9877 | 3564.1318 | 0.0000 | 138.4280 |
| 852 | -128.8901 | 1889.0958 | -3831.4499 | 3573.6697 | 0.0000 | 128.8901 |
| 853 | -16.3029 | 1889.0958 | -3718.8627 | 3686.2568 | 0.0000 | 16.3029 |
| 854 | -189.5399 | 1889.0958 | -3892.0997 | 3513.0199 | 0.0000 | 189.5399 |
| 855 | -103.8719 | 1889.0958 | -3806.4317 | 3598.6879 | 0.0000 | 103.8719 |
| 856 | -159.0805 | 1889.0958 | -3861.6403 | 3543.4793 | 0.0000 | 159.0805 |
| 857 | -38.2984 | 1889.0958 | -3740.8582 | 3664.2614 | 0.0000 | 38.2984 |
| 858 | -15.0083 | 1889.0958 | -3717.5681 | 3687.5515 | 0.0000 | 15.0083 |
| 859 | 104.1999 | 1889.0958 | -3598.3599 | 3806.7597 | 0.0000 | -104.1999 |
| 860 | 10.3194 | 1889.0958 | -3692.2404 | 3712.8791 | 0.0000 | -10.3194 |
| 861 | -143.2614 | 1889.0958 | -3845.8212 | 3559.2984 | 0.0000 | 143.2614 |
| 862 | -133.4801 | 1889.0958 | -3836.0399 | 3569.0797 | 0.0000 | 133.4801 |
| 863 | 19.1466 | 1889.0958 | -3683.4132 | 3721.7063 | 0.0000 | -19.1466 |
| 864 | 260.1797 | 1889.0958 | -3442.3801 | 3962.7394 | 0.0000 | -260.1797 |
| 865 | 103.5463 | 1889.0958 | -3599.0135 | 3806.1061 | 0.0000 | -103.5463 |
| 866 | 2.2283 | 1889.0958 | -3700.3315 | 3704.7881 | 0.0000 | -2.2283 |
| 867 | -18.4907 | 1889.0958 | -3721.0505 | 3684.0691 | 0.0000 | 18.4907 |
| 868 | 34.1864 | 1889.0958 | -3668.3734 | 3736.7462 | 0.0000 | -34.1864 |
| 869 | -17.2886 | 1889.0958 | -3719.8484 | 3685.2712 | 0.0000 | 17.2886 |
| 870 | -156.4395 | 1889.0958 | -3858.9992 | 3546.1203 | 0.0000 | 156.4395 |
| 871 | -60.1496 | 1889.0958 | -3762.7094 | 3642.4102 | 0.0000 | 60.1496 |
| 872 | -91.4915 | 1889.0958 | -3794.0513 | 3611.0683 | 0.0000 | 91.4915 |
| 873 | -20.2406 | 1889.0958 | -3722.8004 | 3682.3192 | 0.0000 | 20.2406 |
| 874 | 34.1546 | 1889.0958 | -3668.4052 | 3736.7144 | 0.0000 | -34.1546 |
| 875 | -106.5382 | 1889.0958 | -3809.0980 | 3596.0216 | 0.0000 | 106.5382 |

| | Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 876 | -294.6167 | 1889.0958 | -3997.1765 | 3407.9431 | 0.0000 | 294.6167 |
| 877 | -281.7802 | 1889.0958 | -3984.3400 | 3420.7796 | 0.0000 | 281.7802 |
| 878 | 59.4516 | 1889.0958 | -3643.1082 | 3762.0114 | 0.0000 | -59.4516 |
| 879 | 337.2495 | 1889.0958 | -3365.3103 | 4039.8093 | 0.0000 | -337.2495 |
| 880 | 121.2383 | 1889.0958 | -3581.3215 | 3823.7981 | 0.0000 | -121.2383 |
| 881 | 206.1925 | 1889.0958 | -3496.3673 | 3908.7523 | 0.0000 | -206.1925 |
| 882 | 319.3231 | 1889.0958 | -3383.2366 | 4021.8829 | 0.0000 | -319.3231 |
| 883 | -153.7609 | 1889.0958 | -3856.3207 | 3548.7989 | 0.0000 | 153.7609 |
| 884 | 106.5873 | 1889.0958 | -3595.9725 | 3809.1471 | 0.0000 | -106.5873 |
| 885 | 280.2305 | 1889.0958 | -3422.3293 | 3982.7903 | 0.0000 | -280.2305 |
| 886 | 97.9625 | 1889.0958 | -3604.5973 | 3800.5223 | 0.0000 | -97.9625 |
| 887 | -199.0425 | 1889.0958 | -3901.6023 | 3503.5172 | 0.0000 | 199.0425 |
| 888 | 207.9153 | 1889.0958 | -3494.6444 | 3910.4751 | 0.0000 | -207.9153 |
| 889 | 352.8207 | 1889.0958 | -3349.7391 | 4055.3804 | 243.3895 | -109.4311 |
| 890 | 947.8033 | 1889.0958 | -2754.7565 | 4650.3631 | 805.5800 | -142.2233 |
| 891 | 1336.2553 | 1889.0958 | -2366.3044 | 5038.8151 | 1611.8324 | 275.5770 |
| 892 | 2511.5283 | 1889.0958 | -1191.0315 | 6214.0881 | 2522.0667 | 10.5384 |
| 893 | 2924.8343 | 1889.0958 | -777.7255 | 6627.3941 | 3426.4943 | 501.6600 |
| 894 | 4125.3217 | 1889.0958 | 422.7620 | 7827.8815 | 4485.1000 | 359.7783 |
| 895 | 6028.7741 | 1889.0958 | 2326.2143 | 9731.3339 | 5890.0400 | -138.7341 |
| 896 | 7630.3070 | 1889.0958 | 3927.7472 | 11332.8667 | 7459.8800 | -170.4270 |
| 897 | 9153.2904 | 1889.0958 | 5450.7306 | 12855.8502 | 9019.7000 | -133.5904 |
| 898 | 10469.0992 | 1889.0958 | 6766.5394 | 14171.6590 | 10456.3681 | -12.7311 |
| 899 | 11393.0799 | 1889.0958 | 7690.5201 | 15095.6397 | 11764.7210 | 371.6411 |
| 900 | 13074.9693 | 1889.0958 | 9372.4095 | 16777.5291 | 12998.1667 | -76.8027 |
| 901 | 14182.9865 | 1889.0958 | 10480.4267 | 17885.5462 | 14224.1733 | 41.1869 |
| 902 | 14309.8378 | 1889.0958 | 10607.2780 | 18012.3975 | 15426.5867 | 1116.7489 |
| 903 | 13038.6589 | 1889.0958 | 9336.0992 | 16741.2187 | 14365.9519 | 1327.2930 |
| 904 | 13095.6659 | 1889.0958 | 9393.1061 | 16798.2257 | 13986.5100 | 890.8441 |
| 905 | 13174.5190 | 1889.0958 | 9471.9592 | 16877.0788 | 13313.1400 | 138.6210 |
| 906 | 13705.9340 | 1889.0958 | 10003.3742 | 17408.4938 | 13011.7400 | -694.1940 |
| 907 | 12122.0072 | 1889.0958 | 8419.4474 | 15824.5670 | 11172.1333 | -949.8738 |
| 908 | 11066.0427 | 1889.0958 | 7363.4830 | 14768.6025 | 11519.8852 | 453.8425 |
| 909 | 12763.6596 | 1889.0958 | 9061.0998 | 16466.2194 | 12448.3705 | -315.2891 |
| 910 | 11684.7419 | 1889.0958 | 7982.1821 | 15387.3017 | 9982.3000 | -1702.4419 |
| 911 | 10232.5860 | 1889.0958 | 6530.0262 | 13935.1458 | 9596.0671 | -636.5188 |
| 912 | 11301.3245 | 1889.0958 | 7598.7647 | 15003.8843 | 9704.7733 | -1596.5512 |

| Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **913** | 11048.4473 | 1889.0958 | 7345.8875 | 14751.0071 | 9723.0800 | -1325.3673 |
| **914** | 10630.1488 | 1889.0958 | 6927.5890 | 14332.7085 | 10566.3729 | -63.7759 |
| **915** | 12074.5252 | 1889.0958 | 8371.9654 | 15777.0850 | 10672.1443 | -1402.3809 |
| **916** | 9996.6837 | 1889.0958 | 6294.1239 | 13699.2435 | 10553.9533 | 557.2696 |
| **917** | 10987.0989 | 1889.0958 | 7284.5392 | 14689.6587 | 10788.0333 | -199.0656 |
| **918** | 11978.9670 | 1889.0958 | 8276.4072 | 15681.5268 | 11339.7281 | -639.2389 |
| **919** | 11314.1558 | 1889.0958 | 7611.5960 | 15016.7156 | 11562.6219 | 248.4661 |
| **920** | 12159.0719 | 1889.0958 | 8456.5122 | 15861.6317 | 11859.3405 | -299.7315 |
| **921** | 11339.0593 | 1889.0958 | 7636.4995 | 15041.6191 | 12172.6667 | 833.6073 |
| **922** | 12471.5006 | 1889.0958 | 8768.9408 | 16174.0604 | 12452.8133 | -18.6873 |
| **923** | 13133.6841 | 1889.0958 | 9431.1243 | 16836.2439 | 13520.6662 | 386.9821 |
| **924** | 13881.7478 | 1889.0958 | 10179.1880 | 17584.3075 | 13816.6952 | -65.0525 |
| **925** | 15665.4571 | 1889.0958 | 11962.8973 | 19368.0169 | 15777.0905 | 111.6334 |
| **926** | 14447.3549 | 1889.0958 | 10744.7951 | 18149.9147 | 14697.8781 | 250.5232 |
| **927** | 12862.3534 | 1889.0958 | 9159.7936 | 16564.9132 | 13611.2200 | 748.8666 |
| **928** | 11943.7723 | 1889.0958 | 8241.2125 | 15646.3321 | 12389.3852 | 445.6129 |
| **929** | 11383.5495 | 1889.0958 | 7680.9897 | 15086.1093 | 11181.8300 | -201.7195 |
| **930** | 9781.8237 | 1889.0958 | 6079.2639 | 13484.3835 | 9913.2633 | 131.4397 |
| **931** | 8839.8346 | 1889.0958 | 5137.2748 | 12542.3944 | 8623.2400 | -216.5946 |
| **932** | 7555.0408 | 1889.0958 | 3852.4810 | 11257.6005 | 7143.0705 | -411.9703 |
| **933** | 5847.2394 | 1889.0958 | 2144.6796 | 9549.7992 | 5480.1729 | -367.0665 |
| **934** | 4647.8326 | 1889.0958 | 945.2728 | 8350.3924 | 4151.1514 | -496.6812 |
| **935** | 3980.9234 | 1889.0958 | 278.3637 | 7683.4832 | 3023.5586 | -957.3649 |
| **936** | 1289.6889 | 1889.0958 | -2412.8709 | 4992.2487 | 2041.1933 | 751.5044 |
| **937** | 1717.7135 | 1889.0958 | -1984.8463 | 5420.2733 | 1225.6400 | -492.0735 |
| **938** | -34.4224 | 1889.0958 | -3736.9822 | 3668.1374 | 652.1295 | 686.5519 |
| **939** | 508.9960 | 1889.0958 | -3193.5638 | 4211.5558 | 235.5300 | -273.4660 |
| **940** | -330.6745 | 1889.0958 | -4033.2343 | 3371.8853 | 0.0000 | 330.6745 |
| **941** | 1.1519 | 1889.0958 | -3701.4079 | 3703.7117 | 0.0000 | -1.1519 |
| **942** | -476.7742 | 1889.0958 | -4179.3340 | 3225.7856 | 0.0000 | 476.7742 |
| **943** | -336.0404 | 1889.0958 | -4038.6002 | 3366.5193 | 0.0000 | 336.0404 |
| **944** | -38.5715 | 1889.0958 | -3741.1312 | 3663.9883 | 0.0000 | 38.5715 |
| **945** | 142.3746 | 1889.0958 | -3560.1852 | 3844.9344 | 0.0000 | -142.3746 |
| **946** | 193.4602 | 1889.0958 | -3509.0996 | 3896.0200 | 0.0000 | -193.4602 |
| **947** | 113.5932 | 1889.0958 | -3588.9666 | 3816.1529 | 0.0000 | -113.5932 |
| **948** | 45.1710 | 1889.0958 | -3657.3888 | 3747.7308 | 0.0000 | -45.1710 |
| **949** | -78.1564 | 1889.0958 | -3780.7162 | 3624.4034 | 0.0000 | 78.1564 |

| | Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **950** | 59.4723 | 1889.0958 | -3643.0875 | 3762.0321 | 0.0000 | -59.4723 |
| **951** | 76.2735 | 1889.0958 | -3626.2863 | 3778.8333 | 0.0000 | -76.2735 |
| **952** | 91.5575 | 1889.0958 | -3611.0023 | 3794.1173 | 0.0000 | -91.5575 |
| **953** | -65.9947 | 1889.0958 | -3768.5545 | 3636.5650 | 0.0000 | 65.9947 |
| **954** | -87.8675 | 1889.0958 | -3790.4272 | 3614.6923 | 0.0000 | 87.8675 |
| **955** | -116.5763 | 1889.0958 | -3819.1361 | 3585.9835 | 0.0000 | 116.5763 |
| **956** | -52.3282 | 1889.0958 | -3754.8880 | 3650.2315 | 0.0000 | 52.3282 |
| **957** | -77.9648 | 1889.0958 | -3780.5246 | 3624.5950 | 0.0000 | 77.9648 |
| **958** | 162.1859 | 1889.0958 | -3540.3738 | 3864.7457 | 0.0000 | -162.1859 |
| **959** | -2.4700 | 1889.0958 | -3705.0298 | 3700.0898 | 0.0000 | 2.4700 |
| **960** | -32.6739 | 1889.0958 | -3735.2337 | 3669.8859 | 0.0000 | 32.6739 |
| **961** | -36.9025 | 1889.0958 | -3739.4623 | 3665.6573 | 0.0000 | 36.9025 |
| **962** | 29.9719 | 1889.0958 | -3672.5879 | 3732.5316 | 0.0000 | -29.9719 |
| **963** | -18.1821 | 1889.0958 | -3720.7419 | 3684.3777 | 0.0000 | 18.1821 |
| **964** | -158.9195 | 1889.0958 | -3861.4793 | 3543.6403 | 0.0000 | 158.9195 |
| **965** | -36.0957 | 1889.0958 | -3738.6554 | 3666.4641 | 0.0000 | 36.0957 |
| **966** | 163.7920 | 1889.0958 | -3538.7678 | 3866.3517 | 0.0000 | -163.7920 |
| **967** | 301.0020 | 1889.0958 | -3401.5578 | 4003.5618 | 0.0000 | -301.0020 |
| **968** | 224.8640 | 1889.0958 | -3477.6958 | 3927.4238 | 0.0000 | -224.8640 |
| **969** | 8.4558 | 1889.0958 | -3694.1040 | 3711.0156 | 0.0000 | -8.4558 |
| **970** | -1.5051 | 1889.0958 | -3704.0649 | 3701.0547 | 0.0000 | 1.5051 |
| **971** | 173.4727 | 1889.0958 | -3529.0871 | 3876.0325 | 0.0000 | -173.4727 |
| **972** | 143.2536 | 1889.0958 | -3559.3062 | 3845.8134 | 0.0000 | -143.2536 |
| **973** | 107.0818 | 1889.0958 | -3595.4780 | 3809.6415 | 0.0000 | -107.0818 |
| **974** | -29.9920 | 1889.0958 | -3732.5518 | 3672.5678 | 0.0000 | 29.9920 |
| **975** | -268.4904 | 1889.0958 | -3971.0502 | 3434.0694 | 0.0000 | 268.4904 |
| **976** | -93.3120 | 1889.0958 | -3795.8717 | 3609.2478 | 0.0000 | 93.3120 |
| **977** | -190.3296 | 1889.0958 | -3892.8894 | 3512.2302 | 0.0000 | 190.3296 |
| **978** | -8.8564 | 1889.0958 | -3711.4162 | 3693.7033 | 0.0000 | 8.8564 |
| **979** | 159.2325 | 1889.0958 | -3543.3273 | 3861.7922 | 0.0000 | -159.2325 |
| **980** | -3.5093 | 1889.0958 | -3706.0691 | 3699.0505 | 0.0000 | 3.5093 |
| **981** | -96.9706 | 1889.0958 | -3799.5304 | 3605.5892 | 0.0000 | 96.9706 |
| **982** | 20.4045 | 1889.0958 | -3682.1553 | 3722.9642 | 0.0000 | -20.4045 |
| **983** | 20.0578 | 1889.0958 | -3682.5020 | 3722.6176 | 0.0000 | -20.0578 |
| **984** | -55.0117 | 1889.0958 | -3757.5714 | 3647.5481 | 0.0000 | 55.0117 |
| **985** | 127.7398 | 1889.0958 | -3574.8200 | 3830.2996 | 281.2148 | 153.4750 |
| **986** | 959.1366 | 1889.0958 | -2743.4231 | 4661.6964 | 916.6652 | -42.4714 |

| | | | Forecasts for variable AC_POWER | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 987 | 1870.9624 | 1889.0958 | -1831.5973 | 5573.5222 | 1965.4767 | 94.5142 |
| 988 | 2687.3220 | 1889.0958 | -1015.2378 | 6389.8817 | 2564.9533 | -122.3686 |
| 989 | 3508.4844 | 1889.0958 | -194.0753 | 7211.0442 | 3469.3400 | -39.1444 |
| 990 | 4706.5104 | 1889.0958 | 1003.9506 | 8409.0702 | 4656.4667 | -50.0437 |
| 991 | 5954.3076 | 1889.0958 | 2251.7478 | 9656.8674 | 5946.6505 | -7.6572 |
| 992 | 7530.2494 | 1889.0958 | 3827.6896 | 11232.8092 | 7398.5733 | -131.6760 |
| 993 | 8854.0913 | 1889.0958 | 5151.5315 | 12556.6511 | 8511.7333 | -342.3580 |
| 994 | 10067.6084 | 1889.0958 | 6365.0486 | 13770.1682 | 9858.4867 | -209.1217 |
| 995 | 11832.2062 | 1889.0958 | 8129.6465 | 15534.7660 | 11121.4733 | -710.7329 |
| 996 | 12232.9398 | 1889.0958 | 8530.3800 | 15935.4996 | 12141.5971 | -91.3426 |
| 997 | 13666.3388 | 1889.0958 | 9963.7790 | 17368.8985 | 13800.1557 | 133.8170 |
| 998 | 15359.7647 | 1889.0958 | 11657.2049 | 19062.3245 | 14946.7600 | -413.0047 |
| 999 | 14659.0120 | 1889.0958 | 10956.4522 | 18361.5718 | 15532.1867 | 873.1747 |
| 1000 | 14289.2724 | 1889.0958 | 10586.7126 | 17991.8322 | 15344.4533 | 1055.1810 |
| 1001 | 13956.7525 | 1889.0958 | 10254.1927 | 17659.3123 | 15030.2357 | 1073.4832 |
| 1002 | 13821.8980 | 1889.0958 | 10119.3382 | 17524.4578 | 16861.3338 | 3039.4358 |
| 1003 | 13806.7584 | 1889.0958 | 10104.1987 | 17509.3182 | 17317.4481 | 3510.6897 |
| 1004 | 14222.3302 | 1889.0958 | 10519.7704 | 17924.8900 | 17431.7200 | 3209.3898 |
| 1005 | 17130.5036 | 1889.0958 | 13427.9438 | 20833.0634 | 17646.7667 | 516.2631 |
| 1006 | 13315.9850 | 1889.0958 | 9613.4252 | 17018.5447 | 16486.0514 | 3170.0665 |
| 1007 | 14183.5809 | 1889.0958 | 10481.0211 | 17886.1406 | 16270.1100 | 2086.5291 |
| 1008 | 14808.9510 | 1889.0958 | 11106.3912 | 18511.5108 | 16933.9329 | 2124.9819 |
| 1009 | 14623.1516 | 1889.0958 | 10920.5918 | 18325.7114 | 17092.5933 | 2469.4417 |
| 1010 | 16063.2892 | 1889.0958 | 12360.7294 | 19765.8490 | 17233.9467 | 1170.6575 |
| 1011 | 15558.9850 | 1889.0958 | 11856.4252 | 19261.5448 | 17139.7457 | 1580.7607 |
| 1012 | 16457.7207 | 1889.0958 | 12755.1609 | 20160.2804 | 17098.9229 | 641.2022 |
| 1013 | 14983.1617 | 1889.0958 | 11280.6019 | 18685.7215 | 16790.5000 | 1807.3383 |
| 1014 | 16485.1239 | 1889.0958 | 12782.5642 | 20187.6837 | 16904.2867 | 419.1627 |
| 1015 | 15835.3366 | 1889.0958 | 12132.7768 | 19537.8964 | 17200.1229 | 1364.7863 |
| 1016 | 15332.9882 | 1889.0958 | 11630.4284 | 19035.5480 | 17379.4310 | 2046.4427 |
| 1017 | 16516.6642 | 1889.0958 | 12814.1045 | 20219.2240 | 17024.1733 | 507.5091 |
| 1018 | 16617.1767 | 1889.0958 | 12914.6169 | 20319.7365 | 17754.3948 | 1137.2180 |
| 1019 | 17814.4798 | 1889.0958 | 14111.9200 | 21517.0396 | 17729.7600 | -84.7198 |
| 1020 | 16565.6155 | 1889.0958 | 12863.0557 | 20268.1753 | 16729.0200 | 163.4045 |
| 1021 | 18379.3164 | 1889.0958 | 14676.7567 | 22081.8762 | 15912.6448 | -2466.6717 |
| 1022 | 15549.4422 | 1889.0958 | 11846.8824 | 19252.0020 | 14863.8776 | -685.5646 |
| 1023 | 14970.0376 | 1889.0958 | 11267.4778 | 18672.5974 | 13712.7819 | -1257.2557 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 1024 | 12709.9627 | 1889.0958 | 9007.4030 | 16412.5225 | 12562.6467 | -147.3161 |
| 1025 | 11840.5125 | 1889.0958 | 8137.9528 | 15543.0723 | 12052.8867 | 212.3741 |
| 1026 | 10712.6882 | 1889.0958 | 7010.1284 | 14415.2480 | 11086.6690 | 373.9808 |
| 1027 | 6826.0299 | 1889.0958 | 3123.4701 | 10528.5897 | 5557.9824 | -1268.0475 |
| 1028 | 6392.6900 | 1889.0958 | 2690.1302 | 10095.2498 | 6661.3557 | 268.6657 |
| 1029 | 4688.0600 | 1889.0958 | 985.5002 | 8390.6198 | 5038.6867 | 350.6267 |
| 1030 | 2652.2735 | 1889.0958 | -1050.2863 | 6354.8333 | 2102.8133 | -549.4602 |
| 1031 | 332.3891 | 1889.0958 | -3370.1706 | 4034.9489 | 829.4700 | 497.0809 |
| 1032 | 1007.8630 | 1889.0958 | -2694.6968 | 4710.4227 | 437.2333 | -570.6296 |
| 1033 | -89.3886 | 1889.0958 | -3791.9484 | 3613.1712 | 233.5610 | 322.9495 |
| 1034 | 748.1641 | 1889.0958 | -2954.3957 | 4450.7239 | 12.9667 | -735.1974 |
| 1035 | -230.1457 | 1889.0958 | -3932.7054 | 3472.4141 | 0.0000 | 230.1457 |
| 1036 | -31.9785 | 1889.0958 | -3734.5383 | 3670.5813 | 0.0000 | 31.9785 |
| 1037 | -65.3582 | 1889.0958 | -3767.9179 | 3637.2016 | 0.0000 | 65.3582 |
| 1038 | 588.7860 | 1889.0958 | -3113.7738 | 4291.3457 | 0.0000 | -588.7860 |
| 1039 | 583.7786 | 1889.0958 | -3118.7811 | 4286.3384 | 0.0000 | -583.7786 |
| 1040 | 255.9043 | 1889.0958 | -3446.6555 | 3958.4641 | 0.0000 | -255.9043 |
| 1041 | 373.7060 | 1889.0958 | -3328.8538 | 4076.2658 | 0.0000 | -373.7060 |
| 1042 | 420.0248 | 1889.0958 | -3282.5350 | 4122.5846 | 0.0000 | -420.0248 |
| 1043 | 181.8552 | 1889.0958 | -3520.7045 | 3884.4150 | 0.0000 | -181.8552 |
| 1044 | 137.5690 | 1889.0958 | -3564.9908 | 3840.1288 | 0.0000 | -137.5690 |
| 1045 | -208.3312 | 1889.0958 | -3910.8910 | 3494.2286 | 0.0000 | 208.3312 |
| 1046 | -79.2528 | 1889.0958 | -3781.8126 | 3623.3070 | 0.0000 | 79.2528 |
| 1047 | -49.2053 | 1889.0958 | -3751.7650 | 3653.3545 | 0.0000 | 49.2053 |
| 1048 | -0.0433 | 1889.0958 | -3702.6031 | 3702.5165 | 0.0000 | 0.0433 |
| 1049 | 150.1430 | 1889.0958 | -3552.4168 | 3852.7028 | 0.0000 | -150.1430 |
| 1050 | 141.2926 | 1889.0958 | -3561.2672 | 3843.8524 | 0.0000 | -141.2926 |
| 1051 | 52.1108 | 1889.0958 | -3650.4489 | 3754.6706 | 0.0000 | -52.1108 |
| 1052 | -226.3696 | 1889.0958 | -3928.9294 | 3476.1902 | 0.0000 | 226.3696 |
| 1053 | 155.7592 | 1889.0958 | -3546.8006 | 3858.3190 | 0.0000 | -155.7592 |
| 1054 | 37.3900 | 1889.0958 | -3665.1697 | 3739.9498 | 0.0000 | -37.3900 |
| 1055 | 81.7186 | 1889.0958 | -3620.8412 | 3784.2784 | 0.0000 | -81.7186 |
| 1056 | 60.9926 | 1889.0958 | -3641.5672 | 3763.5524 | 0.0000 | -60.9926 |
| 1057 | 170.6998 | 1889.0958 | -3531.8600 | 3873.2596 | 0.0000 | -170.6998 |
| 1058 | -147.3028 | 1889.0958 | -3849.8626 | 3555.2570 | 0.0000 | 147.3028 |
| 1059 | -796.1757 | 1889.0958 | -4498.7354 | 2906.3841 | 0.0000 | 796.1757 |
| 1060 | -419.4244 | 1889.0958 | -4121.9842 | 3283.1353 | 0.0000 | 419.4244 |

| | Forecasts for variable AC_POWER | | | | | |
|------|-----------|-----------|-------------|-------------|-----------|-----------|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **1061** | -378.9395 | 1889.0958 | -4081.4993 | 3323.6203 | 0.0000 | 378.9395 |
| **1062** | -100.5435 | 1889.0958 | -3803.1032 | 3602.0163 | 0.0000 | 100.5435 |
| **1063** | -333.5103 | 1889.0958 | -4036.0701 | 3369.0495 | 0.0000 | 333.5103 |
| **1064** | -167.2937 | 1889.0958 | -3869.8535 | 3535.2660 | 0.0000 | 167.2937 |
| **1065** | 84.2343 | 1889.0958 | -3618.3255 | 3786.7941 | 0.0000 | -84.2343 |
| **1066** | 86.9696 | 1889.0958 | -3615.5902 | 3789.5294 | 0.0000 | -86.9696 |
| **1067** | 35.6419 | 1889.0958 | -3666.9179 | 3738.2017 | 0.0000 | -35.6419 |
| **1068** | 120.1570 | 1889.0958 | -3582.4027 | 3822.7168 | 0.0000 | -120.1570 |
| **1069** | 174.3019 | 1889.0958 | -3528.2579 | 3876.8617 | 0.0000 | -174.3019 |
| **1070** | -93.3925 | 1889.0958 | -3795.9523 | 3609.1673 | 0.0000 | 93.3925 |
| **1071** | -33.3505 | 1889.0958 | -3735.9103 | 3669.2093 | 0.0000 | 33.3505 |
| **1072** | 47.4209 | 1889.0958 | -3655.1389 | 3749.9807 | 0.0000 | -47.4209 |
| **1073** | -61.1615 | 1889.0958 | -3763.7212 | 3641.3983 | 0.0000 | 61.1615 |
| **1074** | -79.7529 | 1889.0958 | -3782.3127 | 3622.8069 | 0.0000 | 79.7529 |
| **1075** | 37.4390 | 1889.0958 | -3665.1208 | 3739.9988 | 0.0000 | -37.4390 |
| **1076** | 60.8844 | 1889.0958 | -3641.6754 | 3763.4442 | 0.0000 | -60.8844 |
| **1077** | 61.5000 | 1889.0958 | -3641.0598 | 3764.0598 | 0.0000 | -61.5000 |
| **1078** | 5.7837 | 1889.0958 | -3696.7761 | 3708.3435 | 0.0000 | -5.7837 |
| **1079** | -217.4701 | 1889.0958 | -3920.0299 | 3485.0897 | 0.0000 | 217.4701 |
| **1080** | 199.7854 | 1889.0958 | -3502.7744 | 3902.3452 | 0.0000 | -199.7854 |
| **1081** | -121.1006 | 1889.0958 | -3823.6604 | 3581.4592 | 298.2933 | 419.3939 |
| **1082** | 838.0266 | 1889.0958 | -2864.5332 | 4540.5864 | 855.9538 | 17.9272 |
| **1083** | 1680.5779 | 1889.0958 | -2021.9818 | 5383.1377 | 1578.0867 | -102.4913 |
| **1084** | 2447.2954 | 1889.0958 | -1255.2643 | 6149.8552 | 2446.7948 | -0.5007 |
| **1085** | 3563.2412 | 1889.0958 | -139.3186 | 7265.8010 | 3506.8486 | -56.3926 |
| **1086** | 4852.9329 | 1889.0958 | 1150.3731 | 8555.4927 | 4765.2600 | -87.6729 |
| **1087** | 5653.9161 | 1889.0958 | 1951.3563 | 9356.4759 | 6146.9000 | 492.9839 |
| **1088** | 7155.8099 | 1889.0958 | 3453.2501 | 10858.3697 | 7628.5624 | 472.7525 |
| **1089** | 8383.6824 | 1889.0958 | 4681.1226 | 12086.2422 | 9100.9533 | 717.2709 |
| **1090** | 10143.2609 | 1889.0958 | 6440.7011 | 13845.8207 | 10589.7971 | 446.5362 |
| **1091** | 11579.5884 | 1889.0958 | 7877.0286 | 15282.1482 | 11899.4267 | 319.8383 |
| **1092** | 13790.4084 | 1889.0958 | 10087.8486 | 17492.9682 | 13273.5733 | -516.8350 |
| **1093** | 14575.6863 | 1889.0958 | 10873.1265 | 18278.2461 | 14594.0929 | 18.4066 |
| **1094** | 15804.9775 | 1889.0958 | 12102.4177 | 19507.5373 | 15683.1905 | -121.7870 |
| **1095** | 15396.1951 | 1889.0958 | 11693.6353 | 19098.7549 | 16626.9429 | 1230.7478 |
| **1096** | 17014.6936 | 1889.0958 | 13312.1338 | 20717.2534 | 15878.3533 | -1136.3403 |
| **1097** | 16011.5297 | 1889.0958 | 12308.9700 | 19714.0895 | 15485.9200 | -525.6097 |

| | | | | | | |
|---|---|---|---|---|---|---|
| **Forecasts for variable AC_POWER** | | | | | | |
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **1098** | 17088.7938 | 1889.0958 | 13386.2340 | 20791.3536 | 15946.6457 | -1142.1481 |
| **1099** | 17541.7130 | 1889.0958 | 13839.1532 | 21244.2728 | 16628.5886 | -913.1244 |
| **1100** | 18444.5074 | 1889.0958 | 14741.9476 | 22147.0672 | 17861.9400 | -582.5674 |
| **1101** | 16794.4554 | 1889.0958 | 13091.8956 | 20497.0152 | 17507.0248 | 712.5693 |
| **1102** | 16853.1006 | 1889.0958 | 13150.5408 | 20555.6604 | 17253.5371 | 400.4366 |
| **1103** | 17684.5493 | 1889.0958 | 13981.9895 | 21387.1091 | 15549.3733 | -2135.1760 |
| **1104** | 15947.3486 | 1889.0958 | 12244.7888 | 19649.9084 | 15631.2681 | -316.0805 |
| **1105** | 16859.0677 | 1889.0958 | 13156.5079 | 20561.6275 | 15774.7800 | -1084.2877 |
| **1106** | 15699.5277 | 1889.0958 | 11996.9679 | 19402.0875 | 15785.4814 | 85.9538 |
| **1107** | 16908.5240 | 1889.0958 | 13205.9642 | 20611.0838 | 15860.7252 | -1047.7988 |
| **1108** | 15511.0803 | 1889.0958 | 11808.5205 | 19213.6401 | 15710.0133 | 198.9330 |
| **1109** | 16027.3478 | 1889.0958 | 12324.7881 | 19729.9076 | 15522.6867 | -504.6612 |
| **1110** | 13414.8704 | 1889.0958 | 9712.3107 | 17117.4302 | 15275.3467 | 1860.4762 |
| **1111** | 17381.8994 | 1889.0958 | 13679.3396 | 21084.4592 | 15460.3438 | -1921.5556 |
| **1112** | 17067.7077 | 1889.0958 | 13365.1479 | 20770.2675 | 17053.9210 | -13.7868 |
| **1113** | 17242.5537 | 1889.0958 | 13539.9939 | 20945.1135 | 16518.3019 | -724.2518 |
| **1114** | 14873.2335 | 1889.0958 | 11170.6737 | 18575.7933 | 15529.8200 | 656.5865 |
| **1115** | 17913.9688 | 1889.0958 | 14211.4090 | 21616.5286 | 17324.2533 | -589.7155 |
| **1116** | 16706.8264 | 1889.0958 | 13004.2667 | 20409.3862 | 16757.5000 | 50.6736 |
| **1117** | 15338.0964 | 1889.0958 | 11635.5366 | 19040.6562 | 15559.2638 | 221.1674 |
| **1118** | 14511.7148 | 1889.0958 | 10809.1550 | 18214.2746 | 14497.1143 | -14.6005 |
| **1119** | 13452.0232 | 1889.0958 | 9749.4635 | 17154.5830 | 12868.9400 | -583.0832 |
| **1120** | 12228.8543 | 1889.0958 | 8526.2945 | 15931.4141 | 12189.0148 | -39.8395 |
| **1121** | 11153.3553 | 1889.0958 | 7450.7955 | 14855.9151 | 10972.1400 | -181.2153 |
| **1122** | 10082.4309 | 1889.0958 | 6379.8712 | 13784.9907 | 9793.2071 | -289.2238 |
| **1123** | 7497.1132 | 1889.0958 | 3794.5534 | 11199.6730 | 8989.0414 | 1491.9282 |
| **1124** | 7410.3289 | 1889.0958 | 3707.7691 | 11112.8887 | 7589.8333 | 179.5044 |
| **1125** | 4363.2108 | 1889.0958 | 660.6510 | 8065.7705 | 3641.7586 | -721.4522 |
| **1126** | 2014.9132 | 1889.0958 | -1687.6466 | 5717.4730 | 2788.7524 | 773.8392 |
| **1127** | 1555.2952 | 1889.0958 | -2147.2646 | 5257.8550 | 2221.1024 | 665.8072 |
| **1128** | 1063.4560 | 1889.0958 | -2639.1038 | 4766.0158 | 1286.5800 | 223.1240 |
| **1129** | 594.7316 | 1889.0958 | -3107.8282 | 4297.2913 | 752.6933 | 157.9618 |
| **1130** | 369.5182 | 1889.0958 | -3333.0416 | 4072.0780 | 608.2319 | 238.7137 |
| **1131** | 28.7424 | 1889.0958 | -3673.8174 | 3731.3022 | 392.8133 | 364.0710 |
| **1132** | 36.5865 | 1889.0958 | -3665.9732 | 3739.1463 | 22.2457 | -14.3408 |
| **1133** | 36.4647 | 1889.0958 | -3666.0951 | 3739.0245 | 0.0000 | -36.4647 |
| **1134** | -281.1427 | 1889.0958 | -3983.7025 | 3421.4171 | 0.0000 | 281.1427 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **1135** | -49.2803 | 1889.0958 | -3751.8401 | 3653.2795 | 0.0000 | 49.2803 |
| **1136** | -234.9877 | 1889.0958 | -3937.5475 | 3467.5721 | 0.0000 | 234.9877 |
| **1137** | -357.0135 | 1889.0958 | -4059.5733 | 3345.5463 | 0.0000 | 357.0135 |
| **1138** | -314.8080 | 1889.0958 | -4017.3678 | 3387.7518 | 0.0000 | 314.8080 |
| **1139** | -116.6525 | 1889.0958 | -3819.2123 | 3585.9073 | 0.0000 | 116.6525 |
| **1140** | -104.6162 | 1889.0958 | -3807.1760 | 3597.9436 | 0.0000 | 104.6162 |
| **1141** | 370.7344 | 1889.0958 | -3331.8254 | 4073.2942 | 0.0000 | -370.7344 |
| **1142** | 269.0803 | 1889.0958 | -3433.4795 | 3971.6401 | 0.0000 | -269.0803 |
| **1143** | 228.7638 | 1889.0958 | -3473.7960 | 3931.3236 | 0.0000 | -228.7638 |
| **1144** | -13.5565 | 1889.0958 | -3716.1162 | 3689.0033 | 0.0000 | 13.5565 |
| **1145** | -103.9854 | 1889.0958 | -3806.5452 | 3598.5744 | 0.0000 | 103.9854 |
| **1146** | 56.6276 | 1889.0958 | -3645.9322 | 3759.1874 | 0.0000 | -56.6276 |
| **1147** | 54.7615 | 1889.0958 | -3647.7983 | 3757.3212 | 0.0000 | -54.7615 |
| **1148** | 271.3587 | 1889.0958 | -3431.2011 | 3973.9185 | 0.0000 | -271.3587 |
| **1149** | -104.6577 | 1889.0958 | -3807.2175 | 3597.9021 | 0.0000 | 104.6577 |
| **1150** | -57.9424 | 1889.0958 | -3760.5022 | 3644.6174 | 0.0000 | 57.9424 |
| **1151** | -2.2530 | 1889.0958 | -3704.8128 | 3700.3068 | 0.0000 | 2.2530 |
| **1152** | -34.1366 | 1889.0958 | -3736.6964 | 3668.4232 | 0.0000 | 34.1366 |
| **1153** | -128.2310 | 1889.0958 | -3830.7908 | 3574.3288 | 0.0000 | 128.2310 |
| **1154** | 114.1596 | 1889.0958 | -3588.4002 | 3816.7193 | 0.0000 | -114.1596 |
| **1155** | 809.3416 | 1889.0958 | -2893.2182 | 4511.9014 | 0.0000 | -809.3416 |
| **1156** | 437.7271 | 1889.0958 | -3264.8327 | 4140.2869 | 0.0000 | -437.7271 |
| **1157** | 392.8882 | 1889.0958 | -3309.6716 | 4095.4480 | 0.0000 | -392.8882 |
| **1158** | -85.1276 | 1889.0958 | -3787.6874 | 3617.4321 | 0.0000 | 85.1276 |
| **1159** | 263.2643 | 1889.0958 | -3439.2955 | 3965.8241 | 0.0000 | -263.2643 |
| **1160** | 103.6702 | 1889.0958 | -3598.8896 | 3806.2300 | 0.0000 | -103.6702 |
| **1161** | -39.3661 | 1889.0958 | -3741.9259 | 3663.1937 | 0.0000 | 39.3661 |
| **1162** | -137.6173 | 1889.0958 | -3840.1771 | 3564.9424 | 0.0000 | 137.6173 |
| **1163** | -145.7598 | 1889.0958 | -3848.3195 | 3556.8000 | 0.0000 | 145.7598 |
| **1164** | -102.4760 | 1889.0958 | -3805.0358 | 3600.0838 | 0.0000 | 102.4760 |
| **1165** | -20.2883 | 1889.0958 | -3722.8481 | 3682.2715 | 0.0000 | 20.2883 |
| **1166** | 129.6652 | 1889.0958 | -3572.8946 | 3832.2249 | 0.0000 | -129.6652 |
| **1167** | 80.9960 | 1889.0958 | -3621.5638 | 3783.5558 | 0.0000 | -80.9960 |
| **1168** | -34.6521 | 1889.0958 | -3737.2119 | 3667.9077 | 0.0000 | 34.6521 |
| **1169** | 179.4494 | 1889.0958 | -3523.1103 | 3882.0092 | 0.0000 | -179.4494 |
| **1170** | -53.4353 | 1889.0958 | -3755.9951 | 3649.1245 | 0.0000 | 53.4353 |
| **1171** | -155.8044 | 1889.0958 | -3858.3642 | 3546.7554 | 0.0000 | 155.8044 |

| Forecasts for variable AC_POWER |
|---|

| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
|---|---|---|---|---|---|---|
| 1172 | -41.5675 | 1889.0958 | -3744.1273 | 3660.9923 | 0.0000 | 41.5675 |
| 1173 | 2.5514 | 1889.0958 | -3700.0084 | 3705.1112 | 0.0000 | -2.5514 |
| 1174 | 0.5734 | 1889.0958 | -3701.9863 | 3703.1332 | 0.0000 | -0.5734 |
| 1175 | 243.8248 | 1889.0958 | -3458.7350 | 3946.3846 | 0.0000 | -243.8248 |
| 1176 | -204.0183 | 1889.0958 | -3906.5781 | 3498.5415 | 0.0000 | 204.0183 |
| 1177 | 610.6175 | 1889.0958 | -3091.9423 | 4313.1773 | 244.7871 | -365.8303 |
| 1178 | 692.2141 | 1889.0958 | -3010.3457 | 4394.7739 | 683.1995 | -9.0146 |
| 1179 | 1362.4782 | 1889.0958 | -2340.0816 | 5065.0380 | 1345.6714 | -16.8068 |
| 1180 | 2269.8785 | 1889.0958 | -1432.6813 | 5972.4383 | 2117.6200 | -152.2585 |
| 1181 | 3123.8585 | 1889.0958 | -578.7013 | 6826.4183 | 3076.4733 | -47.3852 |
| 1182 | 4281.6182 | 1889.0958 | 579.0584 | 7984.1780 | 4096.0914 | -185.5268 |
| 1183 | 6176.2677 | 1889.0958 | 2473.7079 | 9878.8275 | 5438.8638 | -737.4039 |
| 1184 | 7252.6610 | 1889.0958 | 3550.1012 | 10955.2207 | 6848.6081 | -404.0529 |
| 1185 | 8903.0577 | 1889.0958 | 5200.4979 | 12605.6175 | 8315.2600 | -587.7977 |
| 1186 | 10356.4996 | 1889.0958 | 6653.9398 | 14059.0594 | 9608.7400 | -747.7596 |
| 1187 | 11203.5238 | 1889.0958 | 7500.9640 | 14906.0836 | 11013.1667 | -190.3572 |
| 1188 | 12178.2005 | 1889.0958 | 8475.6407 | 15880.7603 | 12246.2062 | 68.0057 |
| 1189 | 13922.0338 | 1889.0958 | 10219.4741 | 17624.5936 | 13446.5733 | -475.4605 |
| 1190 | 14875.7841 | 1889.0958 | 11173.2243 | 18578.3439 | 13838.8933 | -1036.8908 |
| 1191 | 15511.3197 | 1889.0958 | 11808.7599 | 19213.8795 | 12154.7867 | -3356.5331 |
| 1192 | 12456.2272 | 1889.0958 | 8753.6674 | 16158.7870 | 10694.8114 | -1761.4157 |
| 1193 | 12026.1959 | 1889.0958 | 8323.6362 | 15728.7557 | 10391.4848 | -1634.7112 |
| 1194 | 12629.2410 | 1889.0958 | 8926.6812 | 16331.8007 | 10605.9267 | -2023.3143 |
| 1195 | 12673.5270 | 1889.0958 | 8970.9673 | 16376.0868 | 10753.1933 | -1920.3337 |
| 1196 | 12465.7499 | 1889.0958 | 8763.1901 | 16168.3097 | 10141.0000 | -2324.7499 |
| 1197 | 11411.6201 | 1889.0958 | 7709.0604 | 15114.1799 | 9996.5181 | -1415.1021 |
| 1198 | 11920.5076 | 1889.0958 | 8217.9478 | 15623.0674 | 9336.7267 | -2583.7810 |
| 1199 | 9747.0040 | 1889.0958 | 6044.4442 | 13449.5637 | 9459.2867 | -287.7173 |
| 1200 | 10138.1432 | 1889.0958 | 6435.5834 | 13840.7029 | 9483.6600 | -654.4832 |
| 1201 | 10299.5926 | 1889.0958 | 6597.0328 | 14002.1524 | 9581.5710 | -718.0216 |
| 1202 | 11061.6117 | 1889.0958 | 7359.0519 | 14764.1715 | 9708.2357 | -1353.3760 |
| 1203 | 9985.3273 | 1889.0958 | 6282.7675 | 13687.8871 | 10784.8200 | 799.4927 |
| 1204 | 11985.9592 | 1889.0958 | 8283.3994 | 15688.5190 | 10709.0867 | -1276.8725 |
| 1205 | 11636.6249 | 1889.0958 | 7934.0651 | 15339.1847 | 10556.8600 | -1079.7649 |
| 1206 | 13387.0633 | 1889.0958 | 9684.5035 | 17089.6231 | 10490.0667 | -2896.9966 |
| 1207 | 10471.4113 | 1889.0958 | 6768.8516 | 14173.9711 | 10124.2681 | -347.1432 |
| 1208 | 12499.7742 | 1889.0958 | 8797.2144 | 16202.3339 | 10960.5133 | -1539.2608 |

| | Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 1209 | 11727.4723 | 1889.0958 | 8024.9125 | 15430.0321 | 11672.1248 | -55.3475 |
| 1210 | 13444.7992 | 1889.0958 | 9742.2395 | 17147.3590 | 11343.4200 | -2101.3792 |
| 1211 | 11625.5813 | 1889.0958 | 7923.0216 | 15328.1411 | 12302.7433 | 677.1620 |
| 1212 | 12920.3000 | 1889.0958 | 9217.7403 | 16622.8598 | 13012.7805 | 92.4804 |
| 1213 | 12724.1641 | 1889.0958 | 9021.6043 | 16426.7238 | 12340.3886 | -383.7755 |
| 1214 | 12349.7651 | 1889.0958 | 8647.2053 | 16052.3248 | 14483.5152 | 2133.7502 |
| 1215 | 12303.3956 | 1889.0958 | 8600.8358 | 16005.9554 | 13872.0667 | 1568.6711 |
| 1216 | 11700.7343 | 1889.0958 | 7998.1745 | 15403.2941 | 12551.9590 | 851.2248 |
| 1217 | 10920.9238 | 1889.0958 | 7218.3640 | 14623.4836 | 11279.3452 | 358.4214 |
| 1218 | 10061.5284 | 1889.0958 | 6358.9686 | 13764.0881 | 9671.7676 | -389.7607 |
| 1219 | 8238.9414 | 1889.0958 | 4536.3816 | 11941.5012 | 8545.0467 | 306.1053 |
| 1220 | 7587.8385 | 1889.0958 | 3885.2787 | 11290.3983 | 7124.5400 | -463.2985 |
| 1221 | 4924.9742 | 1889.0958 | 1222.4144 | 8627.5340 | 5773.5267 | 848.5525 |
| 1222 | 4334.5614 | 1889.0958 | 632.0016 | 8037.1212 | 4533.2257 | 198.6643 |
| 1223 | 3323.7071 | 1889.0958 | -378.8527 | 7026.2669 | 3279.9195 | -43.7875 |
| 1224 | 2522.7009 | 1889.0958 | -1179.8589 | 6225.2607 | 2360.5381 | -162.1628 |
| 1225 | 1576.1400 | 1889.0958 | -2126.4198 | 5278.6998 | 1634.5133 | 58.3734 |
| 1226 | 1003.4421 | 1889.0958 | -2699.1177 | 4706.0018 | 1004.2200 | 0.7779 |
| 1227 | 314.5562 | 1889.0958 | -3388.0036 | 4017.1160 | 410.5733 | 96.0172 |
| 1228 | 125.5886 | 1889.0958 | -3576.9712 | 3828.1483 | 16.9805 | -108.6081 |
| 1229 | -176.0221 | 1889.0958 | -3878.5819 | 3526.5377 | 0.0000 | 176.0221 |
| 1230 | 54.7873 | 1889.0958 | -3647.7725 | 3757.3470 | 0.0000 | -54.7873 |
| 1231 | -94.6323 | 1889.0958 | -3797.1920 | 3607.9275 | 0.0000 | 94.6323 |
| 1232 | 88.5478 | 1889.0958 | -3614.0120 | 3791.1075 | 0.0000 | -88.5478 |
| 1233 | 145.7395 | 1889.0958 | -3556.8203 | 3848.2993 | 0.0000 | -145.7395 |
| 1234 | -153.1663 | 1889.0958 | -3855.7261 | 3549.3935 | 0.0000 | 153.1663 |
| 1235 | -30.0865 | 1889.0958 | -3732.6463 | 3672.4733 | 0.0000 | 30.0865 |
| 1236 | -13.6153 | 1889.0958 | -3716.1751 | 3688.9445 | 0.0000 | 13.6153 |
| 1237 | -202.8434 | 1889.0958 | -3905.4032 | 3499.7164 | 0.0000 | 202.8434 |
| 1238 | -112.3343 | 1889.0958 | -3814.8941 | 3590.2255 | 0.0000 | 112.3343 |
| 1239 | -133.2847 | 1889.0958 | -3835.8445 | 3569.2751 | 0.0000 | 133.2847 |
| 1240 | -7.5098 | 1889.0958 | -3710.0696 | 3695.0500 | 0.0000 | 7.5098 |
| 1241 | -103.1984 | 1889.0958 | -3805.7582 | 3599.3614 | 0.0000 | 103.1984 |
| 1242 | -181.4488 | 1889.0958 | -3884.0086 | 3521.1110 | 0.0000 | 181.4488 |
| 1243 | -105.1753 | 1889.0958 | -3807.7351 | 3597.3845 | 0.0000 | 105.1753 |
| 1244 | -62.6707 | 1889.0958 | -3765.2305 | 3639.8891 | 0.0000 | 62.6707 |
| 1245 | 90.6049 | 1889.0958 | -3611.9549 | 3793.1647 | 0.0000 | -90.6049 |

| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
|---|---|---|---|---|---|---|
| | | | **Forecasts for variable AC_POWER** | | | |
| **1246** | -70.8683 | 1889.0958 | -3773.4281 | 3631.6915 | 0.0000 | 70.8683 |
| **1247** | -147.1055 | 1889.0958 | -3849.6653 | 3555.4542 | 0.0000 | 147.1055 |
| **1248** | 36.7869 | 1889.0958 | -3665.7729 | 3739.3466 | 0.0000 | -36.7869 |
| **1249** | 99.0072 | 1889.0958 | -3603.5526 | 3801.5670 | 0.0000 | -99.0072 |
| **1250** | -67.8932 | 1889.0958 | -3770.4530 | 3634.6666 | 0.0000 | 67.8932 |
| **1251** | -52.8102 | 1889.0958 | -3755.3699 | 3649.7496 | 0.0000 | 52.8102 |
| **1252** | 79.6176 | 1889.0958 | -3622.9422 | 3782.1774 | 0.0000 | -79.6176 |
| **1253** | 73.2173 | 1889.0958 | -3629.3424 | 3775.7771 | 0.0000 | -73.2173 |
| **1254** | 116.6671 | 1889.0958 | -3585.8927 | 3819.2269 | 0.0000 | -116.6671 |
| **1255** | -71.5372 | 1889.0958 | -3774.0970 | 3631.0225 | 0.0000 | 71.5372 |
| **1256** | 163.0415 | 1889.0958 | -3539.5183 | 3865.6013 | 0.0000 | -163.0415 |
| **1257** | 114.9442 | 1889.0958 | -3587.6155 | 3817.5040 | 0.0000 | -114.9442 |
| **1258** | 0.7942 | 1889.0958 | -3701.7656 | 3703.3539 | 0.0000 | -0.7942 |
| **1259** | -30.9549 | 1889.0958 | -3733.5147 | 3671.6049 | 0.0000 | 30.9549 |
| **1260** | -30.9005 | 1889.0958 | -3733.4603 | 3671.6593 | 0.0000 | 30.9005 |
| **1261** | 17.8477 | 1889.0958 | -3684.7121 | 3720.4075 | 0.0000 | -17.8477 |
| **1262** | -157.4169 | 1889.0958 | -3859.9766 | 3545.1429 | 0.0000 | 157.4169 |
| **1263** | -104.2765 | 1889.0958 | -3806.8362 | 3598.2833 | 0.0000 | 104.2765 |
| **1264** | -104.8084 | 1889.0958 | -3807.3682 | 3597.7514 | 0.0000 | 104.8084 |
| **1265** | -151.4503 | 1889.0958 | -3854.0101 | 3551.1095 | 0.0000 | 151.4503 |
| **1266** | 97.7759 | 1889.0958 | -3604.7839 | 3800.3357 | 0.0000 | -97.7759 |
| **1267** | 103.5528 | 1889.0958 | -3599.0070 | 3806.1126 | 0.0000 | -103.5528 |
| **1268** | 18.2130 | 1889.0958 | -3684.3468 | 3720.7728 | 0.0000 | -18.2130 |
| **1269** | -60.5892 | 1889.0958 | -3763.1490 | 3641.9706 | 0.0000 | 60.5892 |
| **1270** | -2.8226 | 1889.0958 | -3705.3824 | 3699.7372 | 0.0000 | 2.8226 |
| **1271** | -52.3136 | 1889.0958 | -3754.8734 | 3650.2461 | 0.0000 | 52.3136 |
| **1272** | -31.5261 | 1889.0958 | -3734.0859 | 3671.0337 | 0.0000 | 31.5261 |
| **1273** | 285.9940 | 1889.0958 | -3416.5658 | 3988.5537 | 243.6338 | -42.3601 |
| **1274** | 629.9281 | 1889.0958 | -3072.6317 | 4332.4879 | 633.4738 | 3.5457 |
| **1275** | 1369.0351 | 1889.0958 | -2333.5247 | 5071.5948 | 1186.8400 | -182.1951 |
| **1276** | 1753.4917 | 1889.0958 | -1949.0680 | 5456.0515 | 2047.6086 | 294.1168 |
| **1277** | 2402.5511 | 1889.0958 | -1300.0087 | 6105.1109 | 2751.0400 | 348.4889 |
| **1278** | 4136.9871 | 1889.0958 | 434.4273 | 7839.5469 | 4066.9395 | -70.0476 |
| **1279** | 6176.6906 | 1889.0958 | 2474.1308 | 9879.2504 | 6396.8038 | 220.1132 |
| **1280** | 7658.7664 | 1889.0958 | 3956.2066 | 11361.3262 | 7716.2733 | 57.5069 |
| **1281** | 8870.2118 | 1889.0958 | 5167.6520 | 12572.7716 | 8906.3067 | 36.0949 |
| **1282** | 9932.5888 | 1889.0958 | 6230.0290 | 13635.1485 | 10421.6933 | 489.1046 |

| | | | Forecasts for variable AC_POWER | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | 95% Confidence Limits | | **Actual** | **Residual** |
| **1283** | 11572.6400 | 1889.0958 | 7870.0802 | 15275.1997 | 11767.2852 | 194.6453 |
| **1284** | 12893.3168 | 1889.0958 | 9190.7570 | 16595.8766 | 13433.6538 | 540.3370 |
| **1285** | 14167.5997 | 1889.0958 | 10465.0399 | 17870.1595 | 14675.0624 | 507.4627 |
| **1286** | 14769.6437 | 1889.0958 | 11067.0839 | 18472.2035 | 15653.5867 | 883.9429 |
| **1287** | 13492.6275 | 1889.0958 | 9790.0677 | 17195.1873 | 16671.6267 | 3178.9991 |
| **1288** | 13911.0950 | 1889.0958 | 10208.5352 | 17613.6547 | 15244.8610 | 1333.7660 |
| **1289** | 13282.8835 | 1889.0958 | 9580.3237 | 16985.4433 | 13542.8519 | 259.9684 |
| **1290** | 12897.7032 | 1889.0958 | 9195.1434 | 16600.2629 | 13396.6157 | 498.9126 |
| **1291** | 13037.5771 | 1889.0958 | 9335.0173 | 16740.1369 | 13601.3252 | 563.7482 |
| **1292** | 13596.9629 | 1889.0958 | 9894.4031 | 17299.5227 | 13435.6733 | -161.2895 |
| **1293** | 12963.1943 | 1889.0958 | 9260.6345 | 16665.7541 | 13227.4624 | 264.2681 |
| **1294** | 11314.4586 | 1889.0958 | 7611.8988 | 15017.0184 | 13068.4881 | 1754.0295 |
| **1295** | 12796.4799 | 1889.0958 | 9093.9202 | 16499.0397 | 13418.9467 | 622.4667 |
| **1296** | 12678.4847 | 1889.0958 | 8975.9250 | 16381.0445 | 13429.0333 | 750.5486 |
| **1297** | 12646.1107 | 1889.0958 | 8943.5510 | 16348.6705 | 13618.2819 | 972.1712 |
| **1298** | 14114.1933 | 1889.0958 | 10411.6335 | 17816.7531 | 13677.7595 | -436.4338 |
| **1299** | 14026.5775 | 1889.0958 | 10324.0178 | 17729.1373 | 13476.5133 | -550.0642 |
| **1300** | 13192.4542 | 1889.0958 | 9489.8944 | 16895.0139 | 13468.5657 | 276.1116 |
| **1301** | 13298.4408 | 1889.0958 | 9595.8810 | 17001.0005 | 13429.3495 | 130.9088 |
| **1302** | 12138.1035 | 1889.0958 | 8435.5437 | 15840.6633 | 13358.2643 | 1220.1608 |
| **1303** | 12760.9053 | 1889.0958 | 9058.3455 | 16463.4651 | 1899.7400 | -10861.1653 |
| **1304** | 4774.4491 | 1889.0958 | 1071.8894 | 8477.0089 | 6022.9424 | 1248.4932 |
| **1305** | 11480.7849 | 1889.0958 | 7778.2251 | 15183.3447 | 10812.4200 | -668.3649 |
| **1306** | 11066.8627 | 1889.0958 | 7364.3029 | 14769.4224 | 10940.4400 | -126.4227 |
| **1307** | 12511.0766 | 1889.0958 | 8808.5168 | 16213.6363 | 11745.3105 | -765.7661 |
| **1308** | 12476.9024 | 1889.0958 | 8774.3426 | 16179.4622 | 12512.9927 | 36.0904 |
| **1309** | 11777.2352 | 1889.0958 | 8074.6754 | 15479.7950 | 16253.2510 | 4476.0158 |
| **1310** | 16860.5256 | 1889.0958 | 13157.9658 | 20563.0854 | 15591.0514 | -1269.4742 |
| **1311** | 14624.8534 | 1889.0958 | 10922.2936 | 18327.4132 | 14202.8467 | -422.0067 |
| **1312** | 12718.1658 | 1889.0958 | 9015.6060 | 16420.7255 | 12896.4000 | 178.2342 |
| **1313** | 11253.1564 | 1889.0958 | 7550.5966 | 14955.7162 | 11384.4881 | 131.3317 |
| **1314** | 9891.5308 | 1889.0958 | 6188.9710 | 13594.0906 | 9847.2457 | -44.2851 |
| **1315** | 8766.8484 | 1889.0958 | 5064.2886 | 12469.4081 | 8392.3957 | -374.4526 |
| **1316** | 6221.7605 | 1889.0958 | 2519.2007 | 9924.3203 | 6177.3867 | -44.3739 |
| **1317** | 5560.9223 | 1889.0958 | 1858.3625 | 9263.4821 | 5665.2914 | 104.3691 |
| **1318** | 4297.3092 | 1889.0958 | 594.7494 | 7999.8690 | 4529.4333 | 232.1241 |
| **1319** | 3438.3687 | 1889.0958 | -264.1911 | 7140.9285 | 3455.6857 | 17.3170 |

| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
|---|---|---|---|---|---|---|
| | | | | | | |

Forecasts for variable AC_POWER

| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
|---|---|---|---|---|---|---|
| 1320 | 2532.5230 | 1889.0958 | -1170.0368 | 6235.0828 | 2432.6000 | -99.9230 |
| 1321 | 1474.8851 | 1889.0958 | -2227.6747 | 5177.4449 | 1608.3600 | 133.4749 |
| 1322 | 999.7093 | 1889.0958 | -2702.8505 | 4702.2691 | 964.7648 | -34.9445 |
| 1323 | 742.6600 | 1889.0958 | -2959.8998 | 4445.2198 | 419.1838 | -323.4762 |
| 1324 | 66.0978 | 1889.0958 | -3636.4620 | 3768.6576 | 22.8267 | -43.2711 |
| 1325 | 103.9238 | 1889.0958 | -3598.6359 | 3806.4836 | 0.0000 | -103.9238 |
| 1326 | -12.4694 | 1889.0958 | -3715.0291 | 3690.0904 | 0.0000 | 12.4694 |
| 1327 | 32.8381 | 1889.0958 | -3669.7217 | 3735.3979 | 0.0000 | -32.8381 |
| 1328 | -7.1385 | 1889.0958 | -3709.6983 | 3695.4213 | 0.0000 | 7.1385 |
| 1329 | 56.5366 | 1889.0958 | -3646.0232 | 3759.0963 | 0.0000 | -56.5366 |
| 1330 | 126.1674 | 1889.0958 | -3576.3923 | 3828.7272 | 0.0000 | -126.1674 |
| 1331 | -224.4867 | 1889.0958 | -3927.0465 | 3478.0730 | 0.0000 | 224.4867 |
| 1332 | -40.8539 | 1889.0958 | -3743.4137 | 3661.7059 | 0.0000 | 40.8539 |
| 1333 | 195.0207 | 1889.0958 | -3507.5391 | 3897.5805 | 0.0000 | -195.0207 |
| 1334 | -41.0143 | 1889.0958 | -3743.5741 | 3661.5455 | 0.0000 | 41.0143 |
| 1335 | -39.1387 | 1889.0958 | -3741.6985 | 3663.4211 | 0.0000 | 39.1387 |
| 1336 | 28.1636 | 1889.0958 | -3674.3962 | 3730.7233 | 0.0000 | -28.1636 |
| 1337 | 33.3546 | 1889.0958 | -3669.2052 | 3735.9144 | 0.0000 | -33.3546 |
| 1338 | 89.5387 | 1889.0958 | -3613.0211 | 3792.0985 | 0.0000 | -89.5387 |
| 1339 | 99.1575 | 1889.0958 | -3603.4023 | 3801.7173 | 0.0000 | -99.1575 |
| 1340 | -79.0880 | 1889.0958 | -3781.6478 | 3623.4718 | 0.0000 | 79.0880 |
| 1341 | -16.4109 | 1889.0958 | -3718.9706 | 3686.1489 | 0.0000 | 16.4109 |
| 1342 | 44.4108 | 1889.0958 | -3658.1489 | 3746.9706 | 0.0000 | -44.4108 |
| 1343 | 93.3864 | 1889.0958 | -3609.1734 | 3795.9462 | 0.0000 | -93.3864 |
| 1344 | -44.8839 | 1889.0958 | -3747.4437 | 3657.6759 | 0.0000 | 44.8839 |
| 1345 | -32.4144 | 1889.0958 | -3734.9742 | 3670.1454 | 0.0000 | 32.4144 |
| 1346 | 103.3261 | 1889.0958 | -3599.2336 | 3805.8859 | 0.0000 | -103.3261 |
| 1347 | -13.5279 | 1889.0958 | -3716.0877 | 3689.0319 | 0.0000 | 13.5279 |
| 1348 | -16.9918 | 1889.0958 | -3719.5515 | 3685.5680 | 0.0000 | 16.9918 |
| 1349 | 105.7493 | 1889.0958 | -3596.8105 | 3808.3091 | 0.0000 | -105.7493 |
| 1350 | 77.9617 | 1889.0958 | -3624.5980 | 3780.5215 | 0.0000 | -77.9617 |
| 1351 | 54.4213 | 1889.0958 | -3648.1385 | 3756.9810 | 0.0000 | -54.4213 |
| 1352 | -104.0600 | 1889.0958 | -3806.6198 | 3598.4998 | 0.0000 | 104.0600 |
| 1353 | -90.3515 | 1889.0958 | -3792.9112 | 3612.2083 | 0.0000 | 90.3515 |
| 1354 | 17.3297 | 1889.0958 | -3685.2301 | 3719.8895 | 0.0000 | -17.3297 |
| 1355 | 31.9717 | 1889.0958 | -3670.5881 | 3734.5315 | 0.0000 | -31.9717 |
| 1356 | 153.6211 | 1889.0958 | -3548.9387 | 3856.1808 | 0.0000 | -153.6211 |

| | | | Forecasts for variable AC_POWER | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 1357 | -0.1307 | 1889.0958 | -3702.6905 | 3702.4291 | 0.0000 | 0.1307 |
| 1358 | -34.3688 | 1889.0958 | -3736.9286 | 3668.1910 | 0.0000 | 34.3688 |
| 1359 | -34.6799 | 1889.0958 | -3737.2397 | 3667.8798 | 0.0000 | 34.6799 |
| 1360 | 26.5076 | 1889.0958 | -3676.0522 | 3729.0674 | 0.0000 | -26.5076 |
| 1361 | 47.5749 | 1889.0958 | -3654.9848 | 3750.1347 | 0.0000 | -47.5749 |
| 1362 | -61.3360 | 1889.0958 | -3763.8958 | 3641.2238 | 0.0000 | 61.3360 |
| 1363 | -81.3247 | 1889.0958 | -3783.8845 | 3621.2351 | 0.0000 | 81.3247 |
| 1364 | -122.4348 | 1889.0958 | -3824.9945 | 3580.1250 | 0.0000 | 122.4348 |
| 1365 | 35.7934 | 1889.0958 | -3666.7664 | 3738.3532 | 0.0000 | -35.7934 |
| 1366 | -12.1520 | 1889.0958 | -3714.7118 | 3690.4078 | 0.0000 | 12.1520 |
| 1367 | 64.1401 | 1889.0958 | -3638.4197 | 3766.6999 | 0.0000 | -64.1401 |
| 1368 | 97.7419 | 1889.0958 | -3604.8179 | 3800.3017 | 0.0000 | -97.7419 |
| 1369 | 332.9112 | 1889.0958 | -3369.6486 | 4035.4710 | 360.1452 | 27.2340 |
| 1370 | 960.7865 | 1889.0958 | -2741.7733 | 4663.3463 | 1068.5733 | 107.7868 |
| 1371 | 1608.3169 | 1889.0958 | -2094.2429 | 5310.8767 | 1771.9800 | 163.6631 |
| 1372 | 2384.8898 | 1889.0958 | -1317.6700 | 6087.4495 | 2178.5000 | -206.3898 |
| 1373 | 2591.1517 | 1889.0958 | -1111.4081 | 6293.7115 | 2302.4557 | -288.6960 |
| 1374 | 2550.7118 | 1889.0958 | -1151.8480 | 6253.2716 | 2584.0629 | 33.3511 |
| 1375 | 3692.8032 | 1889.0958 | -9.7566 | 7395.3630 | 3284.2800 | -408.5232 |
| 1376 | 4253.8085 | 1889.0958 | 551.2487 | 7956.3683 | 3929.1133 | -324.6951 |
| 1377 | 5537.6654 | 1889.0958 | 1835.1057 | 9240.2252 | 4927.1162 | -610.5493 |
| 1378 | 8685.6630 | 1889.0958 | 4983.1033 | 12388.2228 | 8521.3676 | -164.2954 |
| 1379 | 11572.6022 | 1889.0958 | 7870.0424 | 15275.1620 | 11717.2400 | 144.6378 |
| 1380 | 13888.5880 | 1889.0958 | 10186.0282 | 17591.1478 | 14051.5800 | 162.9920 |
| 1381 | 16029.2643 | 1889.0958 | 12326.7045 | 19731.8241 | 15936.4329 | -92.8314 |
| 1382 | 17216.6389 | 1889.0958 | 13514.0791 | 20919.1987 | 15055.7095 | -2160.9294 |
| 1383 | 15662.7137 | 1889.0958 | 11960.1539 | 19365.2735 | 14074.4538 | -1588.2599 |
| 1384 | 13095.0205 | 1889.0958 | 9392.4607 | 16797.5803 | 13244.0867 | 149.0662 |
| 1385 | 11312.8002 | 1889.0958 | 7610.2404 | 15015.3600 | 12414.4933 | 1101.6932 |
| 1386 | 11239.8964 | 1889.0958 | 7537.3366 | 14942.4562 | 12894.6267 | 1654.7303 |
| 1387 | 10928.0795 | 1889.0958 | 7225.5197 | 14630.6393 | 11596.7619 | 668.6824 |
| 1388 | 10385.8078 | 1889.0958 | 6683.2480 | 14088.3676 | 11712.9224 | 1327.1145 |
| 1389 | 10981.9307 | 1889.0958 | 7279.3709 | 14684.4905 | 10344.1733 | -637.7573 |
| 1390 | 11393.4191 | 1889.0958 | 7690.8593 | 15095.9789 | 10796.1733 | -597.2458 |
| 1391 | 10186.2549 | 1889.0958 | 6483.6951 | 13888.8147 | 10550.4419 | 364.1870 |
| 1392 | 11888.9627 | 1889.0958 | 8186.4029 | 15591.5225 | 11570.6248 | -318.3379 |
| 1393 | 11100.4778 | 1889.0958 | 7397.9180 | 14803.0376 | 10692.3976 | -408.0802 |

| | Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **1394** | 10005.2190 | 1889.0958 | 6302.6592 | 13707.7788 | 11421.6733 | 1416.4544 |
| **1395** | 10557.4903 | 1889.0958 | 6854.9305 | 14260.0501 | 12239.6043 | 1682.1140 |
| **1396** | 11016.4496 | 1889.0958 | 7313.8899 | 14719.0094 | 12830.8800 | 1814.4304 |
| **1397** | 10595.5864 | 1889.0958 | 6893.0266 | 14298.1462 | 13774.2662 | 3178.6798 |
| **1398** | 12975.0441 | 1889.0958 | 9272.4843 | 16677.6039 | 14279.1519 | 1304.1078 |
| **1399** | 612.9030 | 1889.0958 | -3089.6568 | 4315.4628 | 13917.8200 | 13304.9170 |
| **1400** | 14564.5097 | 1889.0958 | 10861.9499 | 18267.0695 | 14059.0738 | -505.4359 |
| **1401** | 13012.9434 | 1889.0958 | 9310.3836 | 16715.5032 | 14779.7690 | 1766.8257 |
| **1402** | 13582.5910 | 1889.0958 | 9880.0312 | 17285.1508 | 14074.1986 | 491.6076 |
| **1403** | 13439.7983 | 1889.0958 | 9737.2385 | 17142.3581 | 13872.7376 | 432.9393 |
| **1404** | 14571.1539 | 1889.0958 | 10868.5941 | 18273.7137 | 13088.9324 | -1482.2215 |
| **1405** | 17257.2052 | 1889.0958 | 13554.6454 | 20959.7650 | 12949.0029 | -4308.2023 |
| **1406** | 15184.2555 | 1889.0958 | 11481.6957 | 18886.8152 | 14415.4910 | -768.7645 |
| **1407** | 13600.6693 | 1889.0958 | 9898.1096 | 17303.2291 | 14285.8100 | 685.1407 |
| **1408** | 14592.6991 | 1889.0958 | 10890.1393 | 18295.2589 | 13542.5346 | -1050.1645 |
| **1409** | 5960.8034 | 1889.0958 | 2258.2436 | 9663.3632 | 5011.9749 | -948.8285 |
| **1410** | 11524.8669 | 1889.0958 | 7822.3071 | 15227.4267 | 13934.0545 | 2409.1876 |
| **1411** | 10744.5295 | 1889.0958 | 7041.9697 | 14447.0893 | 12469.8800 | 1725.3505 |
| **1412** | 9780.7514 | 1889.0958 | 6078.1916 | 13483.3111 | 10875.7243 | 1094.9729 |
| **1413** | 8456.1493 | 1889.0958 | 4753.5895 | 12158.7091 | 8726.8876 | 270.7383 |
| **1414** | 6964.2223 | 1889.0958 | 3261.6626 | 10666.7821 | 6881.1867 | -83.0357 |
| **1415** | 5429.2486 | 1889.0958 | 1726.6888 | 9131.8084 | 5023.9333 | -405.3153 |
| **1416** | 3851.9985 | 1889.0958 | 149.4387 | 7554.5583 | 3329.9000 | -522.0985 |
| **1417** | 2650.3565 | 1889.0958 | -1052.2033 | 6352.9163 | 1945.9686 | -704.3879 |
| **1418** | 1184.3577 | 1889.0958 | -2518.2021 | 4886.9174 | 752.5352 | -431.8224 |
| **1419** | 668.3787 | 1889.0958 | -3034.1811 | 4370.9384 | 326.3871 | -341.9915 |
| **1420** | 230.7297 | 1889.0958 | -3471.8300 | 3933.2895 | 0.0000 | -230.7297 |
| **1421** | 430.2670 | 1889.0958 | -3272.2927 | 4132.8268 | 0.0000 | -430.2670 |
| **1422** | 200.4365 | 1889.0958 | -3502.1233 | 3902.9963 | 0.0000 | -200.4365 |
| **1423** | 103.9849 | 1889.0958 | -3598.5749 | 3806.5447 | 0.0000 | -103.9849 |
| **1424** | -58.4788 | 1889.0958 | -3761.0386 | 3644.0810 | 0.0000 | 58.4788 |
| **1425** | -8.7122 | 1889.0958 | -3711.2720 | 3693.8475 | 0.0000 | 8.7122 |
| **1426** | 80.9749 | 1889.0958 | -3621.5849 | 3783.5347 | 0.0000 | -80.9749 |
| **1427** | 215.0739 | 1889.0958 | -3487.4859 | 3917.6337 | 0.0000 | -215.0739 |
| **1428** | -146.2155 | 1889.0958 | -3848.7753 | 3556.3443 | 0.0000 | 146.2155 |
| **1429** | -99.7976 | 1889.0958 | -3802.3574 | 3602.7622 | 0.0000 | 99.7976 |
| **1430** | -2.8662 | 1889.0958 | -3705.4260 | 3699.6936 | 0.0000 | 2.8662 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **1431** | 72.6317 | 1889.0958 | -3629.9281 | 3775.1915 | 0.0000 | -72.6317 |
| **1432** | -38.0918 | 1889.0958 | -3740.6516 | 3664.4679 | 0.0000 | 38.0918 |
| **1433** | 52.6951 | 1889.0958 | -3649.8647 | 3755.2549 | 0.0000 | -52.6951 |
| **1434** | 86.6257 | 1889.0958 | -3615.9341 | 3789.1855 | 0.0000 | -86.6257 |
| **1435** | -43.2735 | 1889.0958 | -3745.8333 | 3659.2863 | 0.0000 | 43.2735 |
| **1436** | 61.4669 | 1889.0958 | -3641.0929 | 3764.0267 | 0.0000 | -61.4669 |
| **1437** | -51.7866 | 1889.0958 | -3754.3464 | 3650.7732 | 0.0000 | 51.7866 |
| **1438** | 37.5869 | 1889.0958 | -3664.9729 | 3740.1467 | 0.0000 | -37.5869 |
| **1439** | 3.2902 | 1889.0958 | -3699.2696 | 3705.8500 | 0.0000 | -3.2902 |
| **1440** | -19.6237 | 1889.0958 | -3722.1835 | 3682.9361 | 0.0000 | 19.6237 |
| **1441** | -1.5508 | 1889.0958 | -3704.1106 | 3701.0089 | 0.0000 | 1.5508 |
| **1442** | 59.4867 | 1889.0958 | -3643.0731 | 3762.0465 | 0.0000 | -59.4867 |
| **1443** | 110.6050 | 1889.0958 | -3591.9548 | 3813.1647 | 0.0000 | -110.6050 |
| **1444** | -27.1271 | 1889.0958 | -3729.6869 | 3675.4326 | 0.0000 | 27.1271 |
| **1445** | -280.2342 | 1889.0958 | -3982.7939 | 3422.3256 | 0.0000 | 280.2342 |
| **1446** | -498.7445 | 1889.0958 | -4201.3043 | 3203.8153 | 0.0000 | 498.7445 |
| **1447** | -532.9126 | 1889.0958 | -4235.4724 | 3169.6472 | 0.0000 | 532.9126 |
| **1448** | 103.1479 | 1889.0958 | -3599.4119 | 3805.7077 | 0.0000 | -103.1479 |
| **1449** | -405.3644 | 1889.0958 | -4107.9242 | 3297.1954 | 0.0000 | 405.3644 |
| **1450** | -214.8923 | 1889.0958 | -3917.4521 | 3487.6675 | 0.0000 | 214.8923 |
| **1451** | -49.0294 | 1889.0958 | -3751.5892 | 3653.5304 | 0.0000 | 49.0294 |
| **1452** | -176.5756 | 1889.0958 | -3879.1354 | 3525.9842 | 0.0000 | 176.5756 |
| **1453** | -156.0760 | 1889.0958 | -3858.6358 | 3546.4837 | 0.0000 | 156.0760 |
| **1454** | -77.9090 | 1889.0958 | -3780.4688 | 3624.6508 | 0.0000 | 77.9090 |
| **1455** | -25.3066 | 1889.0958 | -3727.8664 | 3677.2532 | 0.0000 | 25.3066 |
| **1456** | 104.5759 | 1889.0958 | -3597.9838 | 3807.1357 | 0.0000 | -104.5759 |
| **1457** | 154.5572 | 1889.0958 | -3548.0026 | 3857.1170 | 0.0000 | -154.5572 |
| **1458** | -176.0973 | 1889.0958 | -3878.6571 | 3526.4624 | 0.0000 | 176.0973 |
| **1459** | 87.6578 | 1889.0958 | -3614.9020 | 3790.2176 | 0.0000 | -87.6578 |
| **1460** | 76.8510 | 1889.0958 | -3625.7088 | 3779.4108 | 0.0000 | -76.8510 |
| **1461** | -74.3143 | 1889.0958 | -3776.8741 | 3628.2455 | 0.0000 | 74.3143 |
| **1462** | 45.3196 | 1889.0958 | -3657.2402 | 3747.8794 | 0.0000 | -45.3196 |
| **1463** | -38.0565 | 1889.0958 | -3740.6163 | 3664.5033 | 0.0000 | 38.0565 |
| **1464** | -96.9842 | 1889.0958 | -3799.5440 | 3605.5756 | 0.0000 | 96.9842 |
| **1465** | 305.3890 | 1889.0958 | -3397.1708 | 4007.9488 | 135.8800 | -169.5090 |
| **1466** | 410.6719 | 1889.0958 | -3291.8879 | 4113.2317 | 427.1024 | 16.4305 |
| **1467** | 549.4527 | 1889.0958 | -3153.1071 | 4252.0124 | 541.4490 | -8.0036 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 1468 | 1008.2655 | 1889.0958 | -2694.2943 | 4710.8253 | 1110.4529 | 102.1873 |
| 1469 | 2372.3164 | 1889.0958 | -1330.2434 | 6074.8761 | 3010.1919 | 637.8755 |
| 1470 | 3204.9405 | 1889.0958 | -497.6193 | 6907.5003 | 3379.5467 | 174.6061 |
| 1471 | 3118.2492 | 1889.0958 | -584.3106 | 6820.8090 | 3141.9010 | 23.6517 |
| 1472 | 4113.3950 | 1889.0958 | 410.8352 | 7815.9548 | 4402.6919 | 289.2969 |
| 1473 | 6275.7145 | 1889.0958 | 2573.1548 | 9978.2743 | 7498.8233 | 1223.1088 |
| 1474 | 6844.0210 | 1889.0958 | 3141.4612 | 10546.5808 | 6272.1676 | -571.8534 |
| 1475 | 5961.5173 | 1889.0958 | 2258.9575 | 9664.0770 | 4708.9733 | -1252.5439 |
| 1476 | 7000.6747 | 1889.0958 | 3298.1149 | 10703.2345 | 6950.9614 | -49.7133 |
| 1477 | 9658.0461 | 1889.0958 | 5955.4863 | 13360.6058 | 9988.3233 | 330.2773 |
| 1478 | 8099.4662 | 1889.0958 | 4396.9064 | 11802.0259 | 9812.3095 | 1712.8434 |
| 1479 | 9419.5330 | 1889.0958 | 5716.9732 | 13122.0928 | 11848.8124 | 2429.2794 |
| 1480 | 13402.6749 | 1889.0958 | 9700.1152 | 17105.2347 | 17060.5762 | 3657.9012 |
| 1481 | 13879.1519 | 1889.0958 | 10176.5921 | 17581.7117 | 16485.4748 | 2606.3228 |
| 1482 | 14207.5554 | 1889.0958 | 10504.9956 | 17910.1152 | 14249.5405 | 41.9851 |
| 1483 | 15514.2269 | 1889.0958 | 11811.6671 | 19216.7867 | 20440.8414 | 4926.6145 |
| 1484 | 21147.5768 | 1889.0958 | 17445.0171 | 24850.1366 | 19203.7371 | -1943.8397 |
| 1485 | 14475.0001 | 1889.0958 | 10772.4403 | 18177.5598 | 14703.9648 | 228.9647 |
| 1486 | 17029.2123 | 1889.0958 | 13326.6525 | 20731.7720 | 20367.4319 | 3338.2196 |
| 1487 | 16485.1222 | 1889.0958 | 12782.5624 | 20187.6820 | 18969.4867 | 2484.3645 |
| 1488 | 20378.6558 | 1889.0958 | 16676.0961 | 24081.2156 | 17975.1810 | -2403.4749 |
| 1489 | 10309.5040 | 1889.0958 | 6606.9442 | 14012.0638 | 13900.5910 | 3591.0869 |
| 1490 | 15997.7150 | 1889.0958 | 12295.1552 | 19700.2748 | 18761.2071 | 2763.4922 |
| 1491 | 21893.5488 | 1889.0958 | 18190.9891 | 25596.1086 | 19442.7029 | -2450.8460 |
| 1492 | 18363.0022 | 1889.0958 | 14660.4424 | 22065.5620 | 17166.8867 | -1196.1155 |
| 1493 | 19088.8639 | 1889.0958 | 15386.3041 | 22791.4237 | 18589.5757 | -499.2882 |
| 1494 | 20595.5499 | 1889.0958 | 16892.9901 | 24298.1097 | 20258.3810 | -337.1690 |
| 1495 | 19246.0208 | 1889.0958 | 15543.4610 | 22948.5805 | 18558.6805 | -687.3403 |
| 1496 | 18930.2653 | 1889.0958 | 15227.7055 | 22632.8251 | 18708.6971 | -221.5682 |
| 1497 | 19320.9608 | 1889.0958 | 15618.4010 | 23023.5205 | 18949.1400 | -371.8208 |
| 1498 | 18542.2229 | 1889.0958 | 14839.6631 | 22244.7827 | 19488.4276 | 946.2047 |
| 1499 | 18863.7017 | 1889.0958 | 15161.1419 | 22566.2615 | 19634.1267 | 770.4250 |
| 1500 | 18773.6171 | 1889.0958 | 15071.0573 | 22476.1769 | 19102.0362 | 328.4191 |
| 1501 | 17409.4898 | 1889.0958 | 13706.9300 | 21112.0495 | 20049.1057 | 2639.6160 |
| 1502 | 18390.3168 | 1889.0958 | 14687.7571 | 22092.8766 | 18670.2971 | 279.9803 |
| 1503 | 16882.8114 | 1889.0958 | 13180.2517 | 20585.3712 | 17125.8838 | 243.0724 |
| 1504 | 15736.3808 | 1889.0958 | 12033.8210 | 19438.9406 | 16252.5667 | 516.1859 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | \multicolumn{2}{c}{**95% Confidence Limits**} | **Actual** | **Residual** |
| **1505** | 13502.4257 | 1889.0958 | 9799.8659 | 17204.9854 | 14623.8014 | 1121.3758 |
| **1506** | 15120.0519 | 1889.0958 | 11417.4921 | 18822.6117 | 12948.1286 | -2171.9233 |
| **1507** | 12560.7286 | 1889.0958 | 8858.1688 | 16263.2883 | 11413.1395 | -1147.5890 |
| **1508** | 10849.6530 | 1889.0958 | 7147.0932 | 14552.2128 | 9894.4548 | -955.1983 |
| **1509** | 8150.9522 | 1889.0958 | 4448.3925 | 11853.5120 | 8070.8610 | -80.0913 |
| **1510** | 6631.3139 | 1889.0958 | 2928.7541 | 10333.8736 | 6385.4467 | -245.8672 |
| **1511** | 4311.0276 | 1889.0958 | 608.4678 | 8013.5873 | 4728.7786 | 417.7510 |
| **1512** | 2665.8490 | 1889.0958 | -1036.7107 | 6368.4088 | 2934.8238 | 268.9748 |
| **1513** | 1162.7617 | 1889.0958 | -2539.7981 | 4865.3214 | 1442.1862 | 279.4245 |
| **1514** | 786.5897 | 1889.0958 | -2915.9701 | 4489.1495 | 784.6395 | -1.9502 |
| **1515** | 182.0429 | 1889.0958 | -3520.5169 | 3884.6027 | 286.1400 | 104.0971 |
| **1516** | -202.7176 | 1889.0958 | -3905.2774 | 3499.8422 | 0.0000 | 202.7176 |
| **1517** | -332.6912 | 1889.0958 | -4035.2510 | 3369.8686 | 0.0000 | 332.6912 |
| **1518** | -85.6026 | 1889.0958 | -3788.1624 | 3616.9572 | 0.0000 | 85.6026 |
| **1519** | -2.4265 | 1889.0958 | -3704.9863 | 3700.1333 | 0.0000 | 2.4265 |
| **1520** | 266.1001 | 1889.0958 | -3436.4597 | 3968.6599 | 0.0000 | -266.1001 |
| **1521** | -69.3276 | 1889.0958 | -3771.8874 | 3633.2322 | 0.0000 | 69.3276 |
| **1522** | -304.4841 | 1889.0958 | -4007.0439 | 3398.0757 | 0.0000 | 304.4841 |
| **1523** | 851.5576 | 1889.0958 | -2851.0022 | 4554.1174 | 0.0000 | -851.5576 |
| **1524** | -155.2613 | 1889.0958 | -3857.8211 | 3547.2985 | 0.0000 | 155.2613 |
| **1525** | 636.4355 | 1889.0958 | -3066.1243 | 4338.9953 | 0.0000 | -636.4355 |
| **1526** | -14.7831 | 1889.0958 | -3717.3429 | 3687.7767 | 0.0000 | 14.7831 |
| **1527** | 687.6955 | 1889.0958 | -3014.8643 | 4390.2553 | 0.0000 | -687.6955 |
| **1528** | 262.0616 | 1889.0958 | -3440.4982 | 3964.6214 | 0.0000 | -262.0616 |
| **1529** | 91.3288 | 1889.0958 | -3611.2310 | 3793.8885 | 0.0000 | -91.3288 |
| **1530** | -20.5097 | 1889.0958 | -3723.0695 | 3682.0501 | 0.0000 | 20.5097 |
| **1531** | 301.7696 | 1889.0958 | -3400.7902 | 4004.3294 | 0.0000 | -301.7696 |
| **1532** | -56.1208 | 1889.0958 | -3758.6805 | 3646.4390 | 0.0000 | 56.1208 |
| **1533** | 70.7308 | 1889.0958 | -3631.8290 | 3773.2906 | 0.0000 | -70.7308 |
| **1534** | 103.6098 | 1889.0958 | -3598.9499 | 3806.1696 | 0.0000 | -103.6098 |
| **1535** | 213.6009 | 1889.0958 | -3488.9589 | 3916.1607 | 0.0000 | -213.6009 |
| **1536** | 175.7422 | 1889.0958 | -3526.8176 | 3878.3020 | 0.0000 | -175.7422 |
| **1537** | -55.6679 | 1889.0958 | -3758.2277 | 3646.8918 | 0.0000 | 55.6679 |
| **1538** | 147.0390 | 1889.0958 | -3555.5208 | 3849.5988 | 0.0000 | -147.0390 |
| **1539** | 407.1961 | 1889.0958 | -3295.3637 | 4109.7559 | 0.0000 | -407.1961 |
| **1540** | 177.5109 | 1889.0958 | -3525.0489 | 3880.0707 | 0.0000 | -177.5109 |
| **1541** | 187.0341 | 1889.0958 | -3515.5256 | 3889.5939 | 0.0000 | -187.0341 |

| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
|---|---|---|---|---|---|---|
| | | | **Forecasts for variable AC_POWER** | | | |
| **1542** | 563.0572 | 1889.0958 | -3139.5026 | 4265.6170 | 0.0000 | -563.0572 |
| **1543** | 865.7627 | 1889.0958 | -2836.7970 | 4568.3225 | 0.0000 | -865.7627 |
| **1544** | -27.5557 | 1889.0958 | -3730.1155 | 3675.0041 | 0.0000 | 27.5557 |
| **1545** | 541.8124 | 1889.0958 | -3160.7474 | 4244.3722 | 0.0000 | -541.8124 |
| **1546** | 219.7682 | 1889.0958 | -3482.7916 | 3922.3280 | 0.0000 | -219.7682 |
| **1547** | -1.2918 | 1889.0958 | -3703.8516 | 3701.2680 | 0.0000 | 1.2918 |
| **1548** | 229.6169 | 1889.0958 | -3472.9429 | 3932.1767 | 0.0000 | -229.6169 |
| **1549** | 147.5535 | 1889.0958 | -3555.0063 | 3850.1133 | 0.0000 | -147.5535 |
| **1550** | 367.3550 | 1889.0958 | -3335.2047 | 4069.9148 | 0.0000 | -367.3550 |
| **1551** | 168.9933 | 1889.0958 | -3533.5665 | 3871.5531 | 0.0000 | -168.9933 |
| **1552** | -20.5296 | 1889.0958 | -3723.0894 | 3682.0302 | 0.0000 | 20.5296 |
| **1553** | -233.0384 | 1889.0958 | -3935.5982 | 3469.5214 | 0.0000 | 233.0384 |
| **1554** | 223.0329 | 1889.0958 | -3479.5269 | 3925.5926 | 0.0000 | -223.0329 |
| **1555** | -6.2085 | 1889.0958 | -3708.7683 | 3696.3513 | 0.0000 | 6.2085 |
| **1556** | 233.0557 | 1889.0958 | -3469.5041 | 3935.6155 | 0.0000 | -233.0557 |
| **1557** | -11.4848 | 1889.0958 | -3714.0446 | 3691.0750 | 0.0000 | 11.4848 |
| **1558** | -95.1497 | 1889.0958 | -3797.7095 | 3607.4101 | 0.0000 | 95.1497 |
| **1559** | 155.6079 | 1889.0958 | -3546.9519 | 3858.1677 | 0.0000 | -155.6079 |
| **1560** | 48.2593 | 1889.0958 | -3654.3005 | 3750.8191 | 0.0000 | -48.2593 |
| **1561** | 260.7642 | 1889.0958 | -3441.7956 | 3963.3240 | 385.4276 | 124.6634 |
| **1562** | 1149.3558 | 1889.0958 | -2553.2040 | 4851.9156 | 1177.1252 | 27.7694 |
| **1563** | 1805.1934 | 1889.0958 | -1897.3664 | 5507.7531 | 2132.3348 | 327.1414 |
| **1564** | 2487.3021 | 1889.0958 | -1215.2576 | 6189.8619 | 2829.0067 | 341.7045 |
| **1565** | 3090.7341 | 1889.0958 | -611.8257 | 6793.2939 | 2830.9919 | -259.7422 |
| **1566** | 2692.6490 | 1889.0958 | -1009.9108 | 6395.2088 | 2575.5424 | -117.1066 |
| **1567** | 2825.6666 | 1889.0958 | -876.8932 | 6528.2263 | 2823.6695 | -1.9970 |
| **1568** | 3666.5617 | 1889.0958 | -35.9981 | 7369.1215 | 3612.2081 | -54.3536 |
| **1569** | 5912.7888 | 1889.0958 | 2210.2290 | 9615.3486 | 5676.6190 | -236.1697 |
| **1570** | 7622.1241 | 1889.0958 | 3919.5644 | 11324.6839 | 9380.1605 | 1758.0363 |
| **1571** | 8956.3495 | 1889.0958 | 5253.7897 | 12658.9093 | 10532.5967 | 1576.2471 |
| **1572** | 9595.6751 | 1889.0958 | 5893.1153 | 13298.2349 | 8732.0848 | -863.5904 |
| **1573** | 9685.1456 | 1889.0958 | 5982.5858 | 13387.7054 | 8683.7471 | -1001.3985 |
| **1574** | 11243.4006 | 1889.0958 | 7540.8408 | 14945.9604 | 12801.7510 | 1558.3504 |
| **1575** | 18104.5562 | 1889.0958 | 14401.9964 | 21807.1160 | 20092.9029 | 1988.3466 |
| **1576** | 17008.1127 | 1889.0958 | 13305.5529 | 20710.6725 | 16690.0486 | -318.0641 |
| **1577** | 15453.8220 | 1889.0958 | 11751.2622 | 19156.3818 | 14667.3062 | -786.5158 |
| **1578** | 15261.7013 | 1889.0958 | 11559.1415 | 18964.2611 | 16905.4557 | 1643.7544 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 1579 | 21165.9735 | 1889.0958 | 17463.4137 | 24868.5333 | 19067.5371 | -2098.4364 |
| 1580 | 14303.0418 | 1889.0958 | 10600.4820 | 18005.6016 | 21708.3400 | 7405.2982 |
| 1581 | 14050.3565 | 1889.0958 | 10347.7967 | 17752.9163 | 14498.1752 | 447.8187 |
| 1582 | 17951.3902 | 1889.0958 | 14248.8304 | 21653.9500 | 18971.5600 | 1020.1698 |
| 1583 | 19300.3039 | 1889.0958 | 15597.7441 | 23002.8637 | 20393.9762 | 1093.6723 |
| 1584 | 10976.2852 | 1889.0958 | 7273.7254 | 14678.8450 | 15077.1233 | 4100.8381 |
| 1585 | 21716.4149 | 1889.0958 | 18013.8551 | 25418.9747 | 22789.8586 | 1073.4437 |
| 1586 | 23825.2882 | 1889.0958 | 20122.7284 | 27527.8479 | 23312.8619 | -512.4262 |
| 1587 | 10833.6385 | 1889.0958 | 7131.0787 | 14536.1983 | 10832.1067 | -1.5319 |
| 1588 | 19699.0081 | 1889.0958 | 15996.4483 | 23401.5678 | 24233.9414 | 4534.9334 |
| 1589 | 22300.6559 | 1889.0958 | 18598.0961 | 26003.2157 | 22238.2019 | -62.4540 |
| 1590 | 23274.1406 | 1889.0958 | 19571.5808 | 26976.7003 | 25409.5967 | 2135.4561 |
| 1591 | 21394.7212 | 1889.0958 | 17692.1614 | 25097.2810 | 22600.7176 | 1205.9964 |
| 1592 | 21600.0827 | 1889.0958 | 17897.5229 | 25302.6424 | 24214.8805 | 2614.7978 |
| 1593 | 23648.6283 | 1889.0958 | 19946.0685 | 27351.1881 | 24595.2943 | 946.6660 |
| 1594 | 18850.1662 | 1889.0958 | 15147.6064 | 22552.7259 | 16674.1200 | -2176.0462 |
| 1595 | 13971.6937 | 1889.0958 | 10269.1339 | 17674.2535 | 8659.5819 | -5312.1118 |
| 1596 | 8933.5432 | 1889.0958 | 5230.9834 | 12636.1030 | 8740.1648 | -193.3785 |
| 1597 | 15120.3452 | 1889.0958 | 11417.7854 | 18822.9050 | 13051.7090 | -2068.6361 |
| 1598 | 9950.6345 | 1889.0958 | 6248.0747 | 13653.1943 | 9043.7733 | -906.8612 |
| 1599 | 8986.9096 | 1889.0958 | 5284.3499 | 12689.4694 | 5801.4133 | -3185.4963 |
| 1600 | 5712.6066 | 1889.0958 | 2010.0468 | 9415.1663 | 5819.1386 | 106.5320 |
| 1601 | 6038.2762 | 1889.0958 | 2335.7165 | 9740.8360 | 4714.9005 | -1323.3758 |
| 1602 | 5250.9064 | 1889.0958 | 1548.3466 | 8953.4662 | 4484.2443 | -766.6621 |
| 1603 | 4315.4125 | 1889.0958 | 612.8527 | 8017.9723 | 3916.0267 | -399.3858 |
| 1604 | 2811.7498 | 1889.0958 | -890.8100 | 6514.3096 | 2879.1333 | 67.3835 |
| 1605 | 2264.3392 | 1889.0958 | -1438.2206 | 5966.8990 | 2000.6905 | -263.6487 |
| 1606 | 1005.0819 | 1889.0958 | -2697.4779 | 4707.6417 | 1204.7776 | 199.6957 |
| 1607 | 1209.1534 | 1889.0958 | -2493.4064 | 4911.7132 | 1744.5795 | 535.4261 |
| 1608 | 270.2660 | 1889.0958 | -3432.2938 | 3972.8258 | 1517.5800 | 1247.3140 |
| 1609 | 379.0213 | 1889.0958 | -3323.5385 | 4081.5811 | 1064.7933 | 685.7720 |
| 1610 | -115.1172 | 1889.0958 | -3817.6770 | 3587.4426 | 550.2871 | 665.4043 |
| 1611 | -491.6623 | 1889.0958 | -4194.2221 | 3210.8975 | 26.0776 | 517.7399 |
| 1612 | -162.2000 | 1889.0958 | -3864.7598 | 3540.3598 | 0.0000 | 162.2000 |
| 1613 | -1534.0237 | 1889.0958 | -5236.5835 | 2168.5361 | 0.0000 | 1534.0237 |
| 1614 | -132.3504 | 1889.0958 | -3834.9102 | 3570.2094 | 0.0000 | 132.3504 |
| 1615 | -459.4202 | 1889.0958 | -4161.9800 | 3243.1396 | 0.0000 | 459.4202 |

| | | | Forecasts for variable AC_POWER | | | |
|------|------------|-----------|-------------|-------------|----------|------------|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 1616 | -86.8867 | 1889.0958 | -3789.4465 | 3615.6730 | 0.0000 | 86.8867 |
| 1617 | -166.4721 | 1889.0958 | -3869.0319 | 3536.0877 | 0.0000 | 166.4721 |
| 1618 | 13.2850 | 1889.0958 | -3689.2748 | 3715.8448 | 0.0000 | -13.2850 |
| 1619 | -893.4798 | 1889.0958 | -4596.0395 | 2809.0800 | 0.0000 | 893.4798 |
| 1620 | 58.8379 | 1889.0958 | -3643.7219 | 3761.3977 | 0.0000 | -58.8379 |
| 1621 | -677.9224 | 1889.0958 | -4380.4821 | 3024.6374 | 0.0000 | 677.9224 |
| 1622 | -138.9442 | 1889.0958 | -3841.5040 | 3563.6156 | 0.0000 | 138.9442 |
| 1623 | -749.2255 | 1889.0958 | -4451.7853 | 2953.3343 | 0.0000 | 749.2255 |
| 1624 | -532.9795 | 1889.0958 | -4235.5393 | 3169.5802 | 0.0000 | 532.9795 |
| 1625 | -436.2233 | 1889.0958 | -4138.7831 | 3266.3364 | 0.0000 | 436.2233 |
| 1626 | -261.4683 | 1889.0958 | -3964.0280 | 3441.0915 | 0.0000 | 261.4683 |
| 1627 | -347.0558 | 1889.0958 | -4049.6156 | 3355.5040 | 0.0000 | 347.0558 |
| 1628 | -21.4618 | 1889.0958 | -3724.0216 | 3681.0980 | 0.0000 | 21.4618 |
| 1629 | -138.6227 | 1889.0958 | -3841.1825 | 3563.9371 | 0.0000 | 138.6227 |
| 1630 | -287.8719 | 1889.0958 | -3990.4317 | 3414.6879 | 0.0000 | 287.8719 |
| 1631 | -343.5905 | 1889.0958 | -4046.1503 | 3358.9693 | 0.0000 | 343.5905 |
| 1632 | -226.0484 | 1889.0958 | -3928.6082 | 3476.5114 | 0.0000 | 226.0484 |
| 1633 | 155.0949 | 1889.0958 | -3547.4648 | 3857.6547 | 0.0000 | -155.0949 |
| 1634 | -229.1924 | 1889.0958 | -3931.7522 | 3473.3674 | 0.0000 | 229.1924 |
| 1635 | -466.3350 | 1889.0958 | -4168.8948 | 3236.2248 | 0.0000 | 466.3350 |
| 1636 | -222.0872 | 1889.0958 | -3924.6470 | 3480.4725 | 0.0000 | 222.0872 |
| 1637 | -52.2935 | 1889.0958 | -3754.8533 | 3650.2663 | 0.0000 | 52.2935 |
| 1638 | -54.2932 | 1889.0958 | -3756.8530 | 3648.2666 | 0.0000 | 54.2932 |
| 1639 | -215.0917 | 1889.0958 | -3917.6515 | 3487.4680 | 0.0000 | 215.0917 |
| 1640 | -227.7698 | 1889.0958 | -3930.3296 | 3474.7900 | 0.0000 | 227.7698 |
| 1641 | -211.6377 | 1889.0958 | -3914.1975 | 3490.9221 | 0.0000 | 211.6377 |
| 1642 | -14.8521 | 1889.0958 | -3717.4119 | 3687.7077 | 0.0000 | 14.8521 |
| 1643 | 50.1572 | 1889.0958 | -3652.4026 | 3752.7170 | 0.0000 | -50.1572 |
| 1644 | -348.5180 | 1889.0958 | -4051.0778 | 3354.0418 | 0.0000 | 348.5180 |
| 1645 | -218.1130 | 1889.0958 | -3920.6728 | 3484.4467 | 0.0000 | 218.1130 |
| 1646 | -299.2575 | 1889.0958 | -4001.8173 | 3403.3023 | 0.0000 | 299.2575 |
| 1647 | -86.4466 | 1889.0958 | -3789.0064 | 3616.1132 | 0.0000 | 86.4466 |
| 1648 | -94.1981 | 1889.0958 | -3796.7579 | 3608.3617 | 0.0000 | 94.1981 |
| 1649 | 89.7043 | 1889.0958 | -3612.8555 | 3792.2641 | 0.0000 | -89.7043 |
| 1650 | -137.1065 | 1889.0958 | -3839.6663 | 3565.4533 | 0.0000 | 137.1065 |
| 1651 | -132.5151 | 1889.0958 | -3835.0749 | 3570.0447 | 0.0000 | 132.5151 |
| 1652 | -272.2148 | 1889.0958 | -3974.7745 | 3430.3450 | 0.0000 | 272.2148 |

| | | | Forecasts for variable AC_POWER | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 1653 | 47.1613 | 1889.0958 | -3655.3985 | 3749.7211 | 0.0000 | -47.1613 |
| 1654 | -102.3848 | 1889.0958 | -3804.9446 | 3600.1750 | 0.0000 | 102.3848 |
| 1655 | -330.0473 | 1889.0958 | -4032.6070 | 3372.5125 | 0.0000 | 330.0473 |
| 1656 | -56.1022 | 1889.0958 | -3758.6620 | 3646.4576 | 0.0000 | 56.1022 |
| 1657 | 216.2996 | 1889.0958 | -3486.2602 | 3918.8594 | 99.8929 | -116.4068 |
| 1658 | 583.3396 | 1889.0958 | -3119.2202 | 4285.8994 | 655.9400 | 72.6004 |
| 1659 | 1818.2633 | 1889.0958 | -1884.2964 | 5520.8231 | 1517.6514 | -300.6119 |
| 1660 | 2168.5410 | 1889.0958 | -1534.0188 | 5871.1008 | 2318.8205 | 150.2795 |
| 1661 | 2168.0409 | 1889.0958 | -1534.5189 | 5870.6007 | 2089.2400 | -78.8009 |
| 1662 | 3451.5674 | 1889.0958 | -250.9923 | 7154.1272 | 5093.4129 | 1641.8454 |
| 1663 | 4392.1207 | 1889.0958 | 689.5609 | 8094.6805 | 5320.4400 | 928.3193 |
| 1664 | 4584.5593 | 1889.0958 | 881.9995 | 8287.1191 | 4298.5657 | -285.9936 |
| 1665 | 5522.9726 | 1889.0958 | 1820.4128 | 9225.5324 | 5061.8271 | -461.1455 |
| 1666 | 8105.3042 | 1889.0958 | 4402.7445 | 11807.8640 | 6541.3948 | -1563.9095 |
| 1667 | 8956.2073 | 1889.0958 | 5253.6476 | 12658.7671 | 8591.4105 | -364.7969 |
| 1668 | 12815.7351 | 1889.0958 | 9113.1754 | 16518.2949 | 15950.7000 | 3134.9649 |
| 1669 | 16374.1133 | 1889.0958 | 12671.5535 | 20076.6731 | 18916.5743 | 2542.4610 |
| 1670 | 19532.8116 | 1889.0958 | 15830.2518 | 23235.3714 | 19236.4548 | -296.3568 |
| 1671 | 22456.6440 | 1889.0958 | 18754.0842 | 26159.2037 | 20570.5352 | -1886.1087 |
| 1672 | 20025.3006 | 1889.0958 | 16322.7408 | 23727.8604 | 18696.9867 | -1328.3140 |
| 1673 | 15942.0081 | 1889.0958 | 12239.4483 | 19644.5679 | 19887.9638 | 3945.9557 |
| 1674 | 24357.3444 | 1889.0958 | 20654.7847 | 28059.9042 | 24514.1543 | 156.8099 |
| 1675 | 19404.7954 | 1889.0958 | 15702.2356 | 23107.3552 | 19271.4486 | -133.3468 |
| 1676 | 16905.3710 | 1889.0958 | 13202.8113 | 20607.9308 | 10104.9976 | -6800.3734 |
| 1677 | 8463.3192 | 1889.0958 | 4760.7594 | 12165.8790 | 10725.5933 | 2262.2742 |
| 1678 | 15413.1267 | 1889.0958 | 11710.5670 | 19115.6865 | 13870.0724 | -1543.0544 |
| 1679 | 13661.3783 | 1889.0958 | 9958.8185 | 17363.9381 | 11029.7733 | -2631.6050 |
| 1680 | 14590.6487 | 1889.0958 | 10888.0889 | 18293.2084 | 9948.7286 | -4641.9201 |
| 1681 | 21684.6515 | 1889.0958 | 17982.0917 | 25387.2113 | 8497.1210 | -13187.5306 |
| 1682 | 8563.4667 | 1889.0958 | 4860.9069 | 12266.0264 | 19562.9733 | 10999.5067 |
| 1683 | 24663.9447 | 1889.0958 | 20961.3850 | 28366.5045 | 25979.7605 | 1315.8157 |
| 1684 | 17667.2355 | 1889.0958 | 13964.6757 | 21369.7953 | 17224.1514 | -443.0841 |
| 1685 | 12961.6790 | 1889.0958 | 9259.1192 | 16664.2388 | 9130.9986 | -3830.6804 |
| 1686 | 6198.0194 | 1889.0958 | 2495.4596 | 9900.5792 | 2207.3852 | -3990.6342 |
| 1687 | 4854.8903 | 1889.0958 | 1152.3305 | 8557.4500 | 955.1500 | -3899.7403 |
| 1688 | 6699.0005 | 1889.0958 | 2996.4407 | 10401.5603 | 2214.5000 | -4484.5005 |
| 1689 | 4380.1617 | 1889.0958 | 677.6019 | 8082.7215 | 1852.4500 | -2527.7117 |

| | Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **1690** | 602.0955 | 1889.0958 | -3100.4643 | 4304.6552 | 1470.5400 | 868.4445 |
| **1691** | -1813.8267 | 1889.0958 | -5516.3865 | 1888.7331 | 1209.8800 | 3023.7067 |
| **1692** | 2031.7074 | 1889.0958 | -1670.8524 | 5734.2672 | 1180.7467 | -850.9607 |
| **1693** | 2754.8692 | 1889.0958 | -947.6905 | 6457.4290 | 1232.9200 | -1521.9492 |
| **1694** | 1398.4683 | 1889.0958 | -2304.0915 | 5101.0281 | 1309.0267 | -89.4416 |
| **1695** | -269.1815 | 1889.0958 | -3971.7413 | 3433.3783 | 1468.6719 | 1737.8534 |
| **1696** | 2221.1729 | 1889.0958 | -1481.3869 | 5923.7327 | 1731.9043 | -489.2686 |
| **1697** | 1302.3241 | 1889.0958 | -2400.2357 | 5004.8839 | 2148.4000 | 846.0759 |
| **1698** | 1543.5097 | 1889.0958 | -2159.0501 | 5246.0695 | 2881.4600 | 1337.9503 |
| **1699** | 2172.7995 | 1889.0958 | -1529.7603 | 5875.3593 | 3084.9733 | 912.1738 |
| **1700** | 957.0623 | 1889.0958 | -2745.4975 | 4659.6221 | 1497.9890 | 540.9268 |
| **1701** | 1089.8769 | 1889.0958 | -2612.6829 | 4792.4367 | 1682.4219 | 592.5450 |
| **1702** | 666.5675 | 1889.0958 | -3035.9923 | 4369.1273 | 672.8167 | 6.2491 |
| **1703** | 392.9853 | 1889.0958 | -3309.5745 | 4095.5451 | 172.4840 | -220.5014 |
| **1704** | 4304.8034 | 1889.0958 | 602.2436 | 8007.3631 | 5011.9749 | 707.1715 |
| **1705** | -926.7021 | 1889.0958 | -4629.2619 | 2775.8577 | 0.0000 | 926.7021 |
| **1706** | -444.7033 | 1889.0958 | -4147.2631 | 3257.8564 | 0.0000 | 444.7033 |
| **1707** | -106.6083 | 1889.0958 | -3809.1681 | 3595.9514 | 0.0000 | 106.6083 |
| **1708** | -690.7511 | 1889.0958 | -4393.3109 | 3011.8087 | 0.0000 | 690.7511 |
| **1709** | 936.4279 | 1889.0958 | -2766.1319 | 4638.9877 | 0.0000 | -936.4279 |
| **1710** | -647.1066 | 1889.0958 | -4349.6664 | 3055.4532 | 0.0000 | 647.1066 |
| **1711** | -204.3377 | 1889.0958 | -3906.8975 | 3498.2220 | 0.0000 | 204.3377 |
| **1712** | -655.8367 | 1889.0958 | -4358.3965 | 3046.7231 | 0.0000 | 655.8367 |
| **1713** | -146.5038 | 1889.0958 | -3849.0636 | 3556.0559 | 0.0000 | 146.5038 |
| **1714** | -79.8792 | 1889.0958 | -3782.4390 | 3622.6805 | 0.0000 | 79.8792 |
| **1715** | -254.5794 | 1889.0958 | -3957.1392 | 3447.9804 | 0.0000 | 254.5794 |
| **1716** | -84.8559 | 1889.0958 | -3787.4157 | 3617.7038 | 0.0000 | 84.8559 |
| **1717** | -279.3311 | 1889.0958 | -3981.8909 | 3423.2287 | 0.0000 | 279.3311 |
| **1718** | 26.5062 | 1889.0958 | -3676.0536 | 3729.0660 | 0.0000 | -26.5062 |
| **1719** | -43.2193 | 1889.0958 | -3745.7791 | 3659.3405 | 0.0000 | 43.2193 |
| **1720** | 280.2426 | 1889.0958 | -3422.3172 | 3982.8023 | 0.0000 | -280.2426 |
| **1721** | 275.7461 | 1889.0958 | -3426.8137 | 3978.3059 | 0.0000 | -275.7461 |
| **1722** | 55.4406 | 1889.0958 | -3647.1192 | 3758.0004 | 0.0000 | -55.4406 |
| **1723** | -169.5668 | 1889.0958 | -3872.1265 | 3532.9930 | 0.0000 | 169.5668 |
| **1724** | -142.8231 | 1889.0958 | -3845.3829 | 3559.7367 | 0.0000 | 142.8231 |
| **1725** | -127.5422 | 1889.0958 | -3830.1020 | 3575.0175 | 0.0000 | 127.5422 |
| **1726** | -5.3020 | 1889.0958 | -3707.8618 | 3697.2578 | 0.0000 | 5.3020 |

| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | **Forecasts for variable AC_POWER** | | | |
| **1727** | -15.2922 | 1889.0958 | -3717.8519 | 3687.2676 | 0.0000 | 15.2922 |
| **1728** | -70.4832 | 1889.0958 | -3773.0430 | 3632.0766 | 0.0000 | 70.4832 |
| **1729** | -341.7493 | 1889.0958 | -4044.3091 | 3360.8104 | 0.0000 | 341.7493 |
| **1730** | -68.3875 | 1889.0958 | -3770.9473 | 3634.1723 | 0.0000 | 68.3875 |
| **1731** | -106.3082 | 1889.0958 | -3808.8680 | 3596.2516 | 0.0000 | 106.3082 |
| **1732** | 148.6584 | 1889.0958 | -3553.9013 | 3851.2182 | 0.0000 | -148.6584 |
| **1733** | 4.8954 | 1889.0958 | -3697.6644 | 3707.4551 | 0.0000 | -4.8954 |
| **1734** | -148.7688 | 1889.0958 | -3851.3286 | 3553.7910 | 0.0000 | 148.7688 |
| **1735** | -146.7643 | 1889.0958 | -3849.3241 | 3555.7955 | 0.0000 | 146.7643 |
| **1736** | 35.2658 | 1889.0958 | -3667.2940 | 3737.8256 | 0.0000 | -35.2658 |
| **1737** | 32.7539 | 1889.0958 | -3669.8059 | 3735.3137 | 0.0000 | -32.7539 |
| **1738** | -86.5170 | 1889.0958 | -3789.0768 | 3616.0428 | 0.0000 | 86.5170 |
| **1739** | -98.2301 | 1889.0958 | -3800.7899 | 3604.3297 | 0.0000 | 98.2301 |
| **1740** | 57.8265 | 1889.0958 | -3644.7333 | 3760.3863 | 0.0000 | -57.8265 |
| **1741** | -48.8265 | 1889.0958 | -3751.3863 | 3653.7332 | 0.0000 | 48.8265 |
| **1742** | 33.1774 | 1889.0958 | -3669.3824 | 3735.7372 | 0.0000 | -33.1774 |
| **1743** | 136.7884 | 1889.0958 | -3565.7714 | 3839.3482 | 0.0000 | -136.7884 |
| **1744** | 18.5699 | 1889.0958 | -3683.9898 | 3721.1297 | 0.0000 | -18.5699 |
| **1745** | -283.7236 | 1889.0958 | -3986.2834 | 3418.8362 | 0.0000 | 283.7236 |
| **1746** | -6.1853 | 1889.0958 | -3708.7451 | 3696.3745 | 0.0000 | 6.1853 |
| **1747** | 110.5532 | 1889.0958 | -3592.0066 | 3813.1130 | 0.0000 | -110.5532 |
| **1748** | -253.3367 | 1889.0958 | -3955.8965 | 3449.2231 | 0.0000 | 253.3367 |
| **1749** | -42.7322 | 1889.0958 | -3745.2920 | 3659.8275 | 0.0000 | 42.7322 |
| **1750** | 183.0746 | 1889.0958 | -3519.4852 | 3885.6344 | 0.0000 | -183.0746 |
| **1751** | 38.3093 | 1889.0958 | -3664.2505 | 3740.8691 | 0.0000 | -38.3093 |
| **1752** | -30.4451 | 1889.0958 | -3733.0049 | 3672.1147 | 5.1781 | 35.6232 |
| **1753** | 68.0392 | 1889.0958 | -3634.5205 | 3770.5990 | 560.7314 | 492.6922 |
| **1754** | 1337.0685 | 1889.0958 | -2365.4912 | 5039.6283 | 1412.0971 | 75.0286 |
| **1755** | 2145.0098 | 1889.0958 | -1557.5500 | 5847.5695 | 2378.0414 | 233.0317 |
| **1756** | 4320.8874 | 1889.0958 | 618.3277 | 8023.4472 | 5207.3343 | 886.4468 |
| **1757** | 5602.6048 | 1889.0958 | 1900.0450 | 9305.1646 | 5224.1143 | -378.4905 |
| **1758** | 7222.2158 | 1889.0958 | 3519.6561 | 10924.7756 | 7043.2905 | -178.9254 |
| **1759** | 7925.4560 | 1889.0958 | 4222.8962 | 11628.0158 | 7834.3743 | -91.0817 |
| **1760** | 7240.7160 | 1889.0958 | 3538.1562 | 10943.2758 | 8295.3310 | 1054.6149 |
| **1761** | 9112.0232 | 1889.0958 | 5409.4634 | 12814.5830 | 10634.4643 | 1522.4411 |
| **1762** | 10254.4379 | 1889.0958 | 6551.8782 | 13956.9977 | 10980.8600 | 726.4221 |
| **1763** | 11276.0393 | 1889.0958 | 7573.4795 | 14978.5991 | 11707.5305 | 431.4912 |

| | | | Forecasts for variable AC_POWER | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 1764 | 15518.0325 | 1889.0958 | 11815.4727 | 19220.5923 | 13840.9762 | -1677.0563 |
| 1765 | 16784.5251 | 1889.0958 | 13081.9653 | 20487.0849 | 14987.0614 | -1797.4637 |
| 1766 | 13897.8988 | 1889.0958 | 10195.3390 | 17600.4586 | 12528.5790 | -1369.3198 |
| 1767 | 13841.5261 | 1889.0958 | 10138.9663 | 17544.0859 | 12981.0471 | -860.4790 |
| 1768 | 12901.1569 | 1889.0958 | 9198.5971 | 16603.7167 | 13333.9733 | 432.8165 |
| 1769 | 17567.2577 | 1889.0958 | 13864.6979 | 21269.8175 | 14322.0057 | -3245.2520 |
| 1770 | 15883.2841 | 1889.0958 | 12180.7243 | 19585.8439 | 15693.3614 | -189.9227 |
| 1771 | 14135.4912 | 1889.0958 | 10432.9314 | 17838.0510 | 14033.7857 | -101.7055 |
| 1772 | 12673.8188 | 1889.0958 | 8971.2590 | 16376.3786 | 14376.9271 | 1703.1083 |
| 1773 | 12755.8589 | 1889.0958 | 9053.2991 | 16458.4186 | 13365.2052 | 609.3464 |
| 1774 | 17548.1680 | 1889.0958 | 13845.6082 | 21250.7278 | 5378.9667 | -12169.2014 |
| 1775 | 9795.6127 | 1889.0958 | 6093.0529 | 13498.1725 | 14998.5352 | 5202.9225 |
| 1776 | 12115.4527 | 1889.0958 | 8412.8929 | 15818.0125 | 12440.5252 | 325.0725 |
| 1777 | 1541.8133 | 1889.0958 | -2160.7464 | 5244.3731 | 10408.0810 | 8866.2676 |
| 1778 | 23092.4748 | 1889.0958 | 19389.9151 | 26795.0346 | 8849.7133 | -14242.7615 |
| 1779 | 14820.7868 | 1889.0958 | 11118.2270 | 18523.3466 | 0.0000 | -14820.7868 |
| 1780 | 9353.5252 | 1889.0958 | 5650.9654 | 13056.0850 | 12293.5981 | 2940.0729 |
| 1781 | 6810.2917 | 1889.0958 | 3107.7319 | 10512.8515 | 10691.9800 | 3881.6883 |
| 1782 | 14765.4336 | 1889.0958 | 11062.8738 | 18467.9934 | 15464.8371 | 699.4035 |
| 1783 | 12331.1244 | 1889.0958 | 8628.5646 | 16033.6842 | 16444.1867 | 4113.0623 |
| 1784 | 11713.7990 | 1889.0958 | 8011.2393 | 15416.3588 | 15344.3486 | 3630.5495 |
| 1785 | 16074.0559 | 1889.0958 | 12371.4961 | 19776.6157 | 18469.1043 | 2395.0484 |
| 1786 | 14711.1835 | 1889.0958 | 11008.6237 | 18413.7433 | 15833.4467 | 1122.2632 |
| 1787 | 12701.6101 | 1889.0958 | 8999.0503 | 16404.1699 | 12731.2367 | 29.6266 |
| 1788 | 11395.7996 | 1889.0958 | 7693.2398 | 15098.3593 | 15417.2824 | 4021.4828 |
| 1789 | 10536.8788 | 1889.0958 | 6834.3190 | 14239.4386 | 15402.6495 | 4865.7707 |
| 1790 | 13665.9171 | 1889.0958 | 9963.3573 | 17368.4769 | 12874.4933 | -791.4238 |
| 1791 | 13028.6082 | 1889.0958 | 9326.0484 | 16731.1680 | 17983.1638 | 4954.5556 |
| 1792 | 12963.5521 | 1889.0958 | 9260.9923 | 16666.1118 | 12000.9886 | -962.5635 |
| 1793 | 11539.3633 | 1889.0958 | 7836.8035 | 15241.9231 | 7138.4343 | -4400.9290 |
| 1794 | 6889.1582 | 1889.0958 | 3186.5984 | 10591.7180 | 0.0000 | -6889.1582 |
| 1795 | 5420.5111 | 1889.0958 | 1717.9513 | 9123.0709 | 0.0000 | -5420.5111 |
| 1796 | 3247.2154 | 1889.0958 | -455.3443 | 6949.7752 | 10737.6657 | 7490.4503 |
| 1797 | 9621.4970 | 1889.0958 | 5918.9372 | 13324.0567 | 10754.2557 | 1132.7588 |
| 1798 | 6104.4783 | 1889.0958 | 2401.9185 | 9807.0381 | 8732.1671 | 2627.6889 |
| 1799 | 5753.6506 | 1889.0958 | 2051.0908 | 9456.2104 | 7250.3800 | 1496.7294 |
| 1800 | 5553.9499 | 1889.0958 | 1851.3901 | 9256.5097 | 4371.2100 | -1182.7399 |

| | | | Forecasts for variable AC_POWER | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **1801** | 5159.4730 | 1889.0958 | 1456.9132 | 8862.0328 | 3234.8819 | -1924.5911 |
| **1802** | 2454.8950 | 1889.0958 | -1247.6648 | 6157.4548 | 1731.5000 | -723.3950 |
| **1803** | 639.1719 | 1889.0958 | -3063.3879 | 4341.7317 | 522.6167 | -116.5552 |
| **1804** | 328.2230 | 1889.0958 | -3374.3368 | 4030.7828 | 23.0876 | -305.1354 |
| **1805** | 554.0706 | 1889.0958 | -3148.4892 | 4256.6304 | 0.0000 | -554.0706 |
| **1806** | 824.8938 | 1889.0958 | -2877.6660 | 4527.4536 | 0.0000 | -824.8938 |
| **1807** | 490.8368 | 1889.0958 | -3211.7229 | 4193.3966 | 0.0000 | -490.8368 |
| **1808** | 173.2589 | 1889.0958 | -3529.3008 | 3875.8187 | 0.0000 | -173.2589 |
| **1809** | 259.1101 | 1889.0958 | -3443.4497 | 3961.6699 | 0.0000 | -259.1101 |
| **1810** | 135.6378 | 1889.0958 | -3566.9220 | 3838.1976 | 0.0000 | -135.6378 |
| **1811** | 260.5856 | 1889.0958 | -3441.9742 | 3963.1454 | 0.0000 | -260.5856 |
| **1812** | 172.1827 | 1889.0958 | -3530.3771 | 3874.7425 | 0.0000 | -172.1827 |
| **1813** | 123.5497 | 1889.0958 | -3579.0101 | 3826.1094 | 0.0000 | -123.5497 |
| **1814** | -19.5899 | 1889.0958 | -3722.1497 | 3682.9698 | 0.0000 | 19.5899 |
| **1815** | 81.2637 | 1889.0958 | -3621.2961 | 3783.8235 | 0.0000 | -81.2637 |
| **1816** | 176.0522 | 1889.0958 | -3526.5076 | 3878.6120 | 0.0000 | -176.0522 |
| **1817** | 29.6114 | 1889.0958 | -3672.9484 | 3732.1712 | 0.0000 | -29.6114 |
| **1818** | 55.9297 | 1889.0958 | -3646.6301 | 3758.4895 | 0.0000 | -55.9297 |
| **1819** | 49.0221 | 1889.0958 | -3653.5377 | 3751.5819 | 0.0000 | -49.0221 |
| **1820** | 181.8955 | 1889.0958 | -3520.6642 | 3884.4553 | 0.0000 | -181.8955 |
| **1821** | 134.2581 | 1889.0958 | -3568.3016 | 3836.8179 | 0.0000 | -134.2581 |
| **1822** | 71.1095 | 1889.0958 | -3631.4503 | 3773.6693 | 0.0000 | -71.1095 |
| **1823** | -88.1599 | 1889.0958 | -3790.7197 | 3614.3999 | 0.0000 | 88.1599 |
| **1824** | 189.7910 | 1889.0958 | -3512.7687 | 3892.3508 | 0.0000 | -189.7910 |
| **1825** | 286.1154 | 1889.0958 | -3416.4444 | 3988.6752 | 0.0000 | -286.1154 |
| **1826** | 179.9863 | 1889.0958 | -3522.5734 | 3882.5461 | 0.0000 | -179.9863 |
| **1827** | 6.1191 | 1889.0958 | -3696.4406 | 3708.6789 | 0.0000 | -6.1191 |
| **1828** | -256.0357 | 1889.0958 | -3958.5955 | 3446.5241 | 0.0000 | 256.0357 |
| **1829** | -265.0586 | 1889.0958 | -3967.6184 | 3437.5012 | 0.0000 | 265.0586 |
| **1830** | 54.6424 | 1889.0958 | -3647.9174 | 3757.2022 | 0.0000 | -54.6424 |
| **1831** | 75.4378 | 1889.0958 | -3627.1220 | 3777.9975 | 0.0000 | -75.4378 |
| **1832** | 37.0088 | 1889.0958 | -3665.5510 | 3739.5686 | 0.0000 | -37.0088 |
| **1833** | 37.2756 | 1889.0958 | -3665.2842 | 3739.8354 | 0.0000 | -37.2756 |
| **1834** | 61.7554 | 1889.0958 | -3640.8044 | 3764.3152 | 0.0000 | -61.7554 |
| **1835** | -18.8358 | 1889.0958 | -3721.3956 | 3683.7240 | 0.0000 | 18.8358 |
| **1836** | -101.0926 | 1889.0958 | -3803.6524 | 3601.4672 | 0.0000 | 101.0926 |
| **1837** | 243.1737 | 1889.0958 | -3459.3861 | 3945.7335 | 0.0000 | -243.1737 |

| | | | Forecasts for variable AC_POWER | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **1838** | 95.8268 | 1889.0958 | -3606.7330 | 3798.3866 | 0.0000 | -95.8268 |
| **1839** | -23.2786 | 1889.0958 | -3725.8384 | 3679.2812 | 0.0000 | 23.2786 |
| **1840** | -31.3471 | 1889.0958 | -3733.9069 | 3671.2127 | 0.0000 | 31.3471 |
| **1841** | 112.1450 | 1889.0958 | -3590.4148 | 3814.7047 | 0.0000 | -112.1450 |
| **1842** | 199.7806 | 1889.0958 | -3502.7792 | 3902.3403 | 0.0000 | -199.7806 |
| **1843** | -25.7749 | 1889.0958 | -3728.3347 | 3676.7849 | 0.0000 | 25.7749 |
| **1844** | 237.5050 | 1889.0958 | -3465.0548 | 3940.0648 | 0.0000 | -237.5050 |
| **1845** | 10.8345 | 1889.0958 | -3691.7253 | 3713.3942 | 0.0000 | -10.8345 |
| **1846** | 29.6515 | 1889.0958 | -3672.9082 | 3732.2113 | 0.0000 | -29.6515 |
| **1847** | 291.3638 | 1889.0958 | -3411.1960 | 3993.9236 | 0.0000 | -291.3638 |
| **1848** | 77.4347 | 1889.0958 | -3625.1251 | 3779.9945 | 0.0000 | -77.4347 |
| **1849** | 437.0478 | 1889.0958 | -3265.5120 | 4139.6076 | 61.5110 | -375.5369 |
| **1850** | 828.1247 | 1889.0958 | -2874.4351 | 4530.6845 | 594.1200 | -234.0047 |
| **1851** | 1319.3565 | 1889.0958 | -2383.2033 | 5021.9163 | 1267.9133 | -51.4432 |
| **1852** | 3352.5175 | 1889.0958 | -350.0422 | 7055.0773 | 2260.5924 | -1091.9252 |
| **1853** | 2544.4117 | 1889.0958 | -1158.1481 | 6246.9715 | 3204.5090 | 660.0973 |
| **1854** | 4918.8232 | 1889.0958 | 1216.2634 | 8621.3830 | 3729.4762 | -1189.3470 |
| **1855** | 4803.1821 | 1889.0958 | 1100.6224 | 8505.7419 | 4153.9467 | -649.2355 |
| **1856** | 7700.8524 | 1889.0958 | 3998.2926 | 11403.4122 | 7899.3852 | 198.5328 |
| **1857** | 9596.2008 | 1889.0958 | 5893.6410 | 13298.7606 | 9401.5262 | -194.6746 |
| **1858** | 9836.1025 | 1889.0958 | 6133.5427 | 13538.6622 | 9556.0381 | -280.0644 |
| **1859** | 10633.3214 | 1889.0958 | 6930.7616 | 14335.8812 | 10916.7657 | 283.4443 |
| **1860** | 11898.3060 | 1889.0958 | 8195.7462 | 15600.8658 | 11230.4667 | -667.8393 |
| **1861** | 13806.8252 | 1889.0958 | 10104.2654 | 17509.3850 | 14829.6786 | 1022.8534 |
| **1862** | 10127.4721 | 1889.0958 | 6424.9123 | 13830.0319 | 9070.8943 | -1056.5778 |
| **1863** | 10878.3713 | 1889.0958 | 7175.8115 | 14580.9311 | 10925.2448 | 46.8734 |
| **1864** | 12862.6042 | 1889.0958 | 9160.0444 | 16565.1640 | 14152.9948 | 1290.3906 |
| **1865** | 12835.5129 | 1889.0958 | 9132.9531 | 16538.0727 | 12326.4867 | -509.0263 |
| **1866** | 11687.5535 | 1889.0958 | 7984.9938 | 15390.1133 | 9107.0881 | -2580.4654 |
| **1867** | 10397.5745 | 1889.0958 | 6695.0147 | 14100.1343 | 9989.8343 | -407.7402 |
| **1868** | 17612.8473 | 1889.0958 | 13910.2875 | 21315.4071 | 3321.8914 | -14290.9559 |
| **1869** | 3744.8953 | 1889.0958 | 42.3355 | 7447.4551 | 7721.1133 | 3976.2180 |
| **1870** | 2037.9611 | 1889.0958 | -1664.5987 | 5740.5208 | 13158.2195 | 11120.2585 |
| **1871** | 17884.6666 | 1889.0958 | 14182.1068 | 21587.2264 | 12717.7171 | -5166.9495 |
| **1872** | 8105.9586 | 1889.0958 | 4403.3988 | 11808.5183 | 10347.8271 | 2241.8686 |
| **1873** | 11523.3715 | 1889.0958 | 7820.8118 | 15225.9313 | 13380.4957 | 1857.1242 |
| **1874** | 11033.0853 | 1889.0958 | 7330.5255 | 14735.6451 | 11024.7333 | -8.3520 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **1875** | -4512.5522 | 1889.0958 | -8215.1120 | -809.9924 | 9273.3919 | 13785.9441 |
| **1876** | 12593.7853 | 1889.0958 | 8891.2255 | 16296.3451 | 5997.6133 | -6596.1720 |
| **1877** | 3241.3023 | 1889.0958 | -461.2575 | 6943.8621 | 2357.4576 | -883.8447 |
| **1878** | 8354.6559 | 1889.0958 | 4652.0962 | 12057.2157 | 13234.4590 | 4879.8031 |
| **1879** | 13275.8727 | 1889.0958 | 9573.3129 | 16978.4325 | 12306.1157 | -969.7570 |
| **1880** | 12133.1594 | 1889.0958 | 8430.5996 | 15835.7192 | 11607.2767 | -525.8827 |
| **1881** | 9928.3276 | 1889.0958 | 6225.7679 | 13630.8874 | 5011.9749 | -4916.3527 |
| **1882** | 13925.5928 | 1889.0958 | 10223.0330 | 17628.1526 | 15077.1438 | 1151.5510 |
| **1883** | 10483.0110 | 1889.0958 | 6780.4512 | 14185.5708 | 9933.1029 | -549.9082 |
| **1884** | 15452.1881 | 1889.0958 | 11749.6283 | 19154.7479 | 14579.1938 | -872.9943 |
| **1885** | 19667.9465 | 1889.0958 | 15965.3867 | 23370.5062 | 13955.5457 | -5712.4007 |
| **1886** | 8122.6325 | 1889.0958 | 4420.0728 | 11825.1923 | 11238.5200 | 3115.8875 |
| **1887** | 14324.5393 | 1889.0958 | 10621.9795 | 18027.0990 | 9260.9038 | -5063.6355 |
| **1888** | 10141.1011 | 1889.0958 | 6438.5413 | 13843.6609 | 14860.6133 | 4719.5122 |
| **1889** | 6547.3683 | 1889.0958 | 2844.8085 | 10249.9281 | 9963.4443 | 3416.0760 |
| **1890** | 213.9555 | 1889.0958 | -3488.6043 | 3916.5153 | 6516.0143 | 6302.0588 |
| **1891** | 882.6207 | 1889.0958 | -2819.9391 | 4585.1804 | 5442.2457 | 4559.6251 |
| **1892** | 13034.0691 | 1889.0958 | 9331.5093 | 16736.6288 | 6235.5786 | -6798.4905 |
| **1893** | 6840.3445 | 1889.0958 | 3137.7847 | 10542.9043 | 5448.0733 | -1392.2712 |
| **1894** | 6141.8546 | 1889.0958 | 2439.2948 | 9844.4144 | 3815.6848 | -2326.1698 |
| **1895** | 4246.7652 | 1889.0958 | 544.2054 | 7949.3250 | 3237.7600 | -1009.0052 |
| **1896** | 2032.2582 | 1889.0958 | -1670.3016 | 5734.8180 | 2626.1876 | 593.9294 |
| **1897** | 946.4313 | 1889.0958 | -2756.1284 | 4648.9911 | 1662.5424 | 716.1110 |
| **1898** | 701.0566 | 1889.0958 | -3001.5032 | 4403.6164 | 796.7395 | 95.6829 |
| **1899** | 394.6477 | 1889.0958 | -3307.9121 | 4097.2075 | 268.9986 | -125.6491 |
| **1900** | 34.1831 | 1889.0958 | -3668.3767 | 3736.7429 | 0.0000 | -34.1831 |
| **1901** | -279.6902 | 1889.0958 | -3982.2500 | 3422.8696 | 0.0000 | 279.6902 |
| **1902** | -375.8716 | 1889.0958 | -4078.4314 | 3326.6882 | 0.0000 | 375.8716 |
| **1903** | -189.1338 | 1889.0958 | -3891.6935 | 3513.4260 | 0.0000 | 189.1338 |
| **1904** | -66.5484 | 1889.0958 | -3769.1082 | 3636.0113 | 0.0000 | 66.5484 |
| **1905** | -344.7412 | 1889.0958 | -4047.3010 | 3357.8185 | 0.0000 | 344.7412 |
| **1906** | -169.6004 | 1889.0958 | -3872.1602 | 3532.9594 | 0.0000 | 169.6004 |
| **1907** | -192.2640 | 1889.0958 | -3894.8238 | 3510.2958 | 0.0000 | 192.2640 |
| **1908** | -3.8084 | 1889.0958 | -3706.3682 | 3698.7514 | 0.0000 | 3.8084 |
| **1909** | 79.6036 | 1889.0958 | -3622.9562 | 3782.1634 | 0.0000 | -79.6036 |
| **1910** | -57.1567 | 1889.0958 | -3759.7165 | 3645.4031 | 0.0000 | 57.1567 |
| **1911** | -129.2795 | 1889.0958 | -3831.8393 | 3573.2803 | 0.0000 | 129.2795 |

| | Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **1912** | -200.3477 | 1889.0958 | -3902.9074 | 3502.2121 | 0.0000 | 200.3477 |
| **1913** | -109.2802 | 1889.0958 | -3811.8400 | 3593.2796 | 0.0000 | 109.2802 |
| **1914** | -86.8841 | 1889.0958 | -3789.4439 | 3615.6757 | 0.0000 | 86.8841 |
| **1915** | 80.9213 | 1889.0958 | -3621.6384 | 3783.4811 | 0.0000 | -80.9213 |
| **1916** | -94.4443 | 1889.0958 | -3797.0041 | 3608.1155 | 0.0000 | 94.4443 |
| **1917** | -3.1554 | 1889.0958 | -3705.7152 | 3699.4044 | 0.0000 | 3.1554 |
| **1918** | 21.6715 | 1889.0958 | -3680.8883 | 3724.2313 | 0.0000 | -21.6715 |
| **1919** | 143.7226 | 1889.0958 | -3558.8372 | 3846.2824 | 0.0000 | -143.7226 |
| **1920** | -268.9461 | 1889.0958 | -3971.5059 | 3433.6137 | 0.0000 | 268.9461 |
| **1921** | -400.4994 | 1889.0958 | -4103.0592 | 3302.0604 | 0.0000 | 400.4994 |
| **1922** | -65.0192 | 1889.0958 | -3767.5790 | 3637.5406 | 0.0000 | 65.0192 |
| **1923** | 71.1035 | 1889.0958 | -3631.4562 | 3773.6633 | 0.0000 | -71.1035 |
| **1924** | 146.7456 | 1889.0958 | -3555.8142 | 3849.3054 | 0.0000 | -146.7456 |
| **1925** | 303.1171 | 1889.0958 | -3399.4427 | 4005.6769 | 0.0000 | -303.1171 |
| **1926** | 0.0665 | 1889.0958 | -3702.4932 | 3702.6263 | 0.0000 | -0.0665 |
| **1927** | -38.2810 | 1889.0958 | -3740.8408 | 3664.2788 | 0.0000 | 38.2810 |
| **1928** | 50.0603 | 1889.0958 | -3652.4994 | 3752.6201 | 0.0000 | -50.0603 |
| **1929** | -29.7225 | 1889.0958 | -3732.2823 | 3672.8373 | 0.0000 | 29.7225 |
| **1930** | -17.2361 | 1889.0958 | -3719.7959 | 3685.3236 | 0.0000 | 17.2361 |
| **1931** | 106.3701 | 1889.0958 | -3596.1897 | 3808.9299 | 0.0000 | -106.3701 |
| **1932** | 320.5435 | 1889.0958 | -3382.0163 | 4023.1033 | 0.0000 | -320.5435 |
| **1933** | -81.2425 | 1889.0958 | -3783.8023 | 3621.3173 | 0.0000 | 81.2425 |
| **1934** | -107.6833 | 1889.0958 | -3810.2431 | 3594.8765 | 0.0000 | 107.6833 |
| **1935** | -95.2593 | 1889.0958 | -3797.8191 | 3607.3005 | 0.0000 | 95.2593 |
| **1936** | 231.1688 | 1889.0958 | -3471.3909 | 3933.7286 | 0.0000 | -231.1688 |
| **1937** | 408.7005 | 1889.0958 | -3293.8593 | 4111.2603 | 0.0000 | -408.7005 |
| **1938** | -275.1173 | 1889.0958 | -3977.6771 | 3427.4425 | 0.0000 | 275.1173 |
| **1939** | -205.3537 | 1889.0958 | -3907.9135 | 3497.2061 | 0.0000 | 205.3537 |
| **1940** | 68.7380 | 1889.0958 | -3633.8218 | 3771.2977 | 0.0000 | -68.7380 |
| **1941** | 138.9088 | 1889.0958 | -3563.6510 | 3841.4685 | 0.0000 | -138.9088 |
| **1942** | -216.5991 | 1889.0958 | -3919.1589 | 3485.9607 | 0.0000 | 216.5991 |
| **1943** | -151.8365 | 1889.0958 | -3854.3963 | 3550.7233 | 0.0000 | 151.8365 |
| **1944** | 90.5631 | 1889.0958 | -3611.9967 | 3793.1229 | 0.0000 | -90.5631 |
| **1945** | 288.1657 | 1889.0958 | -3414.3941 | 3990.7255 | 124.7314 | -163.4343 |
| **1946** | 414.1421 | 1889.0958 | -3288.4177 | 4116.7019 | 617.9200 | 203.7779 |
| **1947** | 1359.0727 | 1889.0958 | -2343.4870 | 5061.6325 | 1349.9143 | -9.1585 |
| **1948** | 2282.8608 | 1889.0958 | -1419.6990 | 5985.4206 | 2185.7667 | -97.0941 |

| | | | Forecasts for variable AC_POWER | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 1949 | 3312.9510 | 1889.0958 | -389.6088 | 7015.5108 | 3593.3495 | 280.3985 |
| 1950 | 4026.3366 | 1889.0958 | 323.7768 | 7728.8964 | 4582.2714 | 555.9348 |
| 1951 | 4701.3468 | 1889.0958 | 998.7870 | 8403.9065 | 5214.3600 | 513.0132 |
| 1952 | 6979.8155 | 1889.0958 | 3277.2557 | 10682.3753 | 7290.5762 | 310.7607 |
| 1953 | 8739.7944 | 1889.0958 | 5037.2346 | 12442.3542 | 8295.1443 | -444.6501 |
| 1954 | 10777.2016 | 1889.0958 | 7074.6418 | 14479.7614 | 12261.6462 | 1484.4446 |
| 1955 | 12066.9349 | 1889.0958 | 8364.3751 | 15769.4947 | 10781.1290 | -1285.8058 |
| 1956 | 10850.8897 | 1889.0958 | 7148.3299 | 14553.4495 | 11109.3576 | 258.4679 |
| 1957 | 13140.4681 | 1889.0958 | 9437.9083 | 16843.0279 | 12429.7662 | -710.7019 |
| 1958 | 11596.9964 | 1889.0958 | 7894.4366 | 15299.5561 | 14634.7948 | 3037.7984 |
| 1959 | 15177.1605 | 1889.0958 | 11474.6008 | 18879.7203 | 15542.2014 | 365.0409 |
| 1960 | 16501.2124 | 1889.0958 | 12798.6526 | 20203.7722 | 14159.9100 | -2341.3024 |
| 1961 | 17490.0808 | 1889.0958 | 13787.5210 | 21192.6406 | 14138.4057 | -3351.6751 |
| 1962 | 13000.8735 | 1889.0958 | 9298.3137 | 16703.4333 | 12707.4038 | -293.4697 |
| 1963 | 11307.3011 | 1889.0958 | 7604.7413 | 15009.8609 | 10514.6367 | -792.6644 |
| 1964 | -5559.8494 | 1889.0958 | -9262.4092 | -1857.2896 | 7548.3400 | 13108.1894 |
| 1965 | 18566.8898 | 1889.0958 | 14864.3300 | 22269.4495 | 13885.1090 | -4681.7807 |
| 1966 | 13366.3793 | 1889.0958 | 9663.8195 | 17068.9391 | 13532.2500 | 165.8707 |
| 1967 | 16333.5594 | 1889.0958 | 12630.9997 | 20036.1192 | 15773.1833 | -560.3761 |
| 1968 | 15004.9852 | 1889.0958 | 11302.4254 | 18707.5449 | 16246.6986 | 1241.7134 |
| 1969 | 14989.8613 | 1889.0958 | 11287.3015 | 18692.4210 | 12751.0638 | -2238.7975 |
| 1970 | 10121.9607 | 1889.0958 | 6419.4009 | 13824.5205 | 12860.5948 | 2738.6340 |
| 1971 | 19787.8126 | 1889.0958 | 16085.2528 | 23490.3724 | 18045.8457 | -1741.9669 |
| 1972 | 16386.7813 | 1889.0958 | 12684.2215 | 20089.3411 | 16094.5433 | -292.2380 |
| 1973 | 12607.8908 | 1889.0958 | 8905.3310 | 16310.4506 | 12470.9333 | -136.9575 |
| 1974 | 22051.3863 | 1889.0958 | 18348.8266 | 25753.9461 | 14996.3933 | -7054.9930 |
| 1975 | 13521.9131 | 1889.0958 | 9819.3533 | 17224.4729 | 12468.5919 | -1053.3212 |
| 1976 | 7219.9221 | 1889.0958 | 3517.3624 | 10922.4819 | 4772.4105 | -2447.5117 |
| 1977 | 1607.9486 | 1889.0958 | -2094.6112 | 5310.5084 | 5012.8395 | 3404.8909 |
| 1978 | 10188.6075 | 1889.0958 | 6486.0477 | 13891.1673 | 10630.6600 | 442.0525 |
| 1979 | 7964.8447 | 1889.0958 | 4262.2849 | 11667.4045 | 11048.1067 | 3083.2619 |
| 1980 | 12490.4158 | 1889.0958 | 8787.8561 | 16192.9756 | 12266.2443 | -224.1716 |
| 1981 | 9080.5439 | 1889.0958 | 5377.9841 | 12783.1037 | 12941.4657 | 3860.9218 |
| 1982 | 12323.8897 | 1889.0958 | 8621.3300 | 16026.4495 | 10411.0410 | -1912.8488 |
| 1983 | 9234.3399 | 1889.0958 | 5531.7801 | 12936.8997 | 9893.2667 | 658.9268 |
| 1984 | 12413.2585 | 1889.0958 | 8710.6988 | 16115.8183 | 8460.1148 | -3953.1438 |
| 1985 | 5616.3062 | 1889.0958 | 1913.7464 | 9318.8660 | 5988.2800 | 371.9738 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **1986** | 6078.1391 | 1889.0958 | 2375.5793 | 9780.6989 | 7313.7048 | 1235.5657 |
| **1987** | 6893.2304 | 1889.0958 | 3190.6707 | 10595.7902 | 8138.8467 | 1245.6162 |
| **1988** | 8914.5505 | 1889.0958 | 5211.9907 | 12617.1103 | 10038.4333 | 1123.8829 |
| **1989** | 6912.0007 | 1889.0958 | 3209.4409 | 10614.5605 | 6477.0690 | -434.9317 |
| **1990** | 4436.1871 | 1889.0958 | 733.6273 | 8138.7469 | 4240.5338 | -195.6533 |
| **1991** | 3717.5580 | 1889.0958 | 14.9982 | 7420.1177 | 3132.9895 | -584.5684 |
| **1992** | 3254.8979 | 1889.0958 | -447.6618 | 6957.4577 | 2550.9000 | -703.9979 |
| **1993** | 1851.1075 | 1889.0958 | -1851.4522 | 5553.6673 | 1791.0867 | -60.0209 |
| **1994** | 953.0928 | 1889.0958 | -2749.4670 | 4655.6526 | 1003.1119 | 50.0191 |
| **1995** | 585.7144 | 1889.0958 | -3116.8454 | 4288.2742 | 469.1010 | -116.6135 |
| **1996** | 135.0570 | 1889.0958 | -3567.5027 | 3837.6168 | 2.4800 | -132.5770 |
| **1997** | 280.8024 | 1889.0958 | -3421.7574 | 3983.3622 | 0.0000 | -280.8024 |
| **1998** | 15.4156 | 1889.0958 | -3687.1442 | 3717.9754 | 0.0000 | -15.4156 |
| **1999** | 6.0080 | 1889.0958 | -3696.5517 | 3708.5678 | 0.0000 | -6.0080 |
| **2000** | -376.0933 | 1889.0958 | -4078.6531 | 3326.4665 | 0.0000 | 376.0933 |
| **2001** | 106.4460 | 1889.0958 | -3596.1138 | 3809.0058 | 0.0000 | -106.4460 |
| **2002** | 277.7064 | 1889.0958 | -3424.8534 | 3980.2661 | 0.0000 | -277.7064 |
| **2003** | 124.7838 | 1889.0958 | -3577.7760 | 3827.3436 | 0.0000 | -124.7838 |
| **2004** | 106.6993 | 1889.0958 | -3595.8605 | 3809.2591 | 0.0000 | -106.6993 |
| **2005** | -14.3068 | 1889.0958 | -3716.8666 | 3688.2530 | 0.0000 | 14.3068 |
| **2006** | 121.0196 | 1889.0958 | -3581.5402 | 3823.5794 | 0.0000 | -121.0196 |
| **2007** | 273.4127 | 1889.0958 | -3429.1471 | 3975.9725 | 0.0000 | -273.4127 |
| **2008** | -18.6912 | 1889.0958 | -3721.2510 | 3683.8686 | 0.0000 | 18.6912 |
| **2009** | -22.4796 | 1889.0958 | -3725.0394 | 3680.0802 | 0.0000 | 22.4796 |
| **2010** | 127.0399 | 1889.0958 | -3575.5199 | 3829.5996 | 0.0000 | -127.0399 |
| **2011** | -44.5177 | 1889.0958 | -3747.0775 | 3658.0421 | 0.0000 | 44.5177 |
| **2012** | 51.4337 | 1889.0958 | -3651.1261 | 3753.9935 | 0.0000 | -51.4337 |
| **2013** | 110.5854 | 1889.0958 | -3591.9744 | 3813.1452 | 0.0000 | -110.5854 |
| **2014** | 27.4540 | 1889.0958 | -3675.1058 | 3730.0138 | 0.0000 | -27.4540 |
| **2015** | -118.4384 | 1889.0958 | -3820.9982 | 3584.1214 | 0.0000 | 118.4384 |
| **2016** | 201.8384 | 1889.0958 | -3500.7214 | 3904.3982 | 0.0000 | -201.8384 |
| **2017** | 357.9309 | 1889.0958 | -3344.6288 | 4060.4907 | 0.0000 | -357.9309 |
| **2018** | 16.4821 | 1889.0958 | -3686.0777 | 3719.0418 | 0.0000 | -16.4821 |
| **2019** | -18.6334 | 1889.0958 | -3721.1932 | 3683.9264 | 0.0000 | 18.6334 |
| **2020** | 73.4294 | 1889.0958 | -3629.1303 | 3775.9892 | 0.0000 | -73.4294 |
| **2021** | -76.2229 | 1889.0958 | -3778.7826 | 3626.3369 | 0.0000 | 76.2229 |
| **2022** | -27.6894 | 1889.0958 | -3730.2492 | 3674.8704 | 0.0000 | 27.6894 |

| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
|---|---|---|---|---|---|---|
| | | | | | | |

**Forecasts for variable AC_POWER**

| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
|---|---|---|---|---|---|---|
| 2023 | -34.6687 | 1889.0958 | -3737.2285 | 3667.8911 | 0.0000 | 34.6687 |
| 2024 | -47.9711 | 1889.0958 | -3750.5309 | 3654.5887 | 0.0000 | 47.9711 |
| 2025 | -52.8067 | 1889.0958 | -3755.3664 | 3649.7531 | 0.0000 | 52.8067 |
| 2026 | 40.0749 | 1889.0958 | -3662.4849 | 3742.6347 | 0.0000 | -40.0749 |
| 2027 | -41.4508 | 1889.0958 | -3744.0106 | 3661.1090 | 0.0000 | 41.4508 |
| 2028 | -203.2153 | 1889.0958 | -3905.7751 | 3499.3444 | 0.0000 | 203.2153 |
| 2029 | -20.5492 | 1889.0958 | -3723.1090 | 3682.0106 | 0.0000 | 20.5492 |
| 2030 | 69.0801 | 1889.0958 | -3633.4797 | 3771.6399 | 0.0000 | -69.0801 |
| 2031 | 29.1717 | 1889.0958 | -3673.3881 | 3731.7315 | 0.0000 | -29.1717 |
| 2032 | -139.8256 | 1889.0958 | -3842.3854 | 3562.7342 | 0.0000 | 139.8256 |
| 2033 | -209.3950 | 1889.0958 | -3911.9548 | 3493.1648 | 0.0000 | 209.3950 |
| 2034 | 62.0650 | 1889.0958 | -3640.4948 | 3764.6248 | 0.0000 | -62.0650 |
| 2035 | 88.7648 | 1889.0958 | -3613.7949 | 3791.3246 | 0.0000 | -88.7648 |
| 2036 | -60.3793 | 1889.0958 | -3762.9391 | 3642.1805 | 0.0000 | 60.3793 |
| 2037 | -74.0928 | 1889.0958 | -3776.6526 | 3628.4670 | 0.0000 | 74.0928 |
| 2038 | 18.6985 | 1889.0958 | -3683.8613 | 3721.2583 | 0.0000 | -18.6985 |
| 2039 | -51.1084 | 1889.0958 | -3753.6681 | 3651.4514 | 0.0000 | 51.1084 |
| 2040 | -129.6692 | 1889.0958 | -3832.2290 | 3572.8906 | 0.0000 | 129.6692 |
| 2041 | -110.6956 | 1889.0958 | -3813.2553 | 3591.8642 | 87.4719 | 198.1675 |
| 2042 | 711.8682 | 1889.0958 | -2990.6916 | 4414.4280 | 655.8024 | -56.0658 |
| 2043 | 1473.3981 | 1889.0958 | -2229.1616 | 5175.9579 | 1293.9014 | -179.4967 |
| 2044 | 2292.7800 | 1889.0958 | -1409.7798 | 5995.3397 | 2702.4029 | 409.6229 |
| 2045 | 3669.8664 | 1889.0958 | -32.6934 | 7372.4262 | 3584.5443 | -85.3221 |
| 2046 | 4218.7230 | 1889.0958 | 516.1632 | 7921.2828 | 4329.5476 | 110.8247 |
| 2047 | 4825.0392 | 1889.0958 | 1122.4794 | 8527.5990 | 4703.9562 | -121.0830 |
| 2048 | 6653.0327 | 1889.0958 | 2950.4729 | 10355.5925 | 6002.4557 | -650.5770 |
| 2049 | 7017.9437 | 1889.0958 | 3315.3839 | 10720.5035 | 6741.4000 | -276.5437 |
| 2050 | 11408.3393 | 1889.0958 | 7705.7796 | 15110.8991 | 11040.7810 | -367.5584 |
| 2051 | 12787.2607 | 1889.0958 | 9084.7009 | 16489.8205 | 16366.4024 | 3579.1417 |
| 2052 | 14629.3717 | 1889.0958 | 10926.8120 | 18331.9315 | 14839.3538 | 209.9821 |
| 2053 | 15479.0644 | 1889.0958 | 11776.5046 | 19181.6241 | 15379.9576 | -99.1067 |
| 2054 | 21092.5210 | 1889.0958 | 17389.9612 | 24795.0808 | 19541.6267 | -1550.8944 |
| 2055 | 17755.9808 | 1889.0958 | 14053.4210 | 21458.5406 | 15950.0529 | -1805.9279 |
| 2056 | 16809.0610 | 1889.0958 | 13106.5012 | 20511.6208 | 16052.5329 | -756.5282 |
| 2057 | 13460.1513 | 1889.0958 | 9757.5915 | 17162.7111 | 13803.6638 | 343.5125 |
| 2058 | 14564.3181 | 1889.0958 | 10861.7583 | 18266.8779 | 13024.8062 | -1539.5119 |
| 2059 | 13844.7440 | 1889.0958 | 10142.1842 | 17547.3037 | 15818.3933 | 1973.6494 |

| | | Forecasts for variable AC_POWER | | | |
|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **2060** | 15039.2286 | 1889.0958 | 11336.6688 | 18741.7884 | 14844.6733 | -194.5553 |
| **2061** | 15842.0836 | 1889.0958 | 12139.5238 | 19544.6433 | 15531.0510 | -311.0326 |
| **2062** | 17276.3666 | 1889.0958 | 13573.8069 | 20978.9264 | 13659.4719 | -3616.8947 |
| **2063** | 11406.0507 | 1889.0958 | 7703.4909 | 15108.6104 | 14888.4629 | 3482.4122 |
| **2064** | 9731.1081 | 1889.0958 | 6028.5483 | 13433.6679 | 7326.1200 | -2404.9881 |
| **2065** | 15564.0756 | 1889.0958 | 11861.5158 | 19266.6354 | 17149.4533 | 1585.3777 |
| **2066** | 17214.0576 | 1889.0958 | 13511.4978 | 20916.6173 | 18162.0581 | 948.0005 |
| **2067** | 15358.7368 | 1889.0958 | 11656.1770 | 19061.2965 | 17587.5067 | 2228.7699 |
| **2068** | 12963.5774 | 1889.0958 | 9261.0176 | 16666.1371 | 15176.9067 | 2213.3293 |
| **2069** | 16400.5868 | 1889.0958 | 12698.0271 | 20103.1466 | 14092.4524 | -2308.1345 |
| **2070** | 15754.1750 | 1889.0958 | 12051.6152 | 19456.7348 | 18202.0662 | 2447.8912 |
| **2071** | 7437.4472 | 1889.0958 | 3734.8875 | 11140.0070 | 6422.2138 | -1015.2334 |
| **2072** | 5155.2232 | 1889.0958 | 1452.6634 | 8857.7830 | 5150.7086 | -4.5147 |
| **2073** | 5752.3184 | 1889.0958 | 2049.7586 | 9454.8782 | 8193.0700 | 2440.7516 |
| **2074** | 11432.1155 | 1889.0958 | 7729.5557 | 15134.6752 | 9740.9867 | -1691.1288 |
| **2075** | 11556.8618 | 1889.0958 | 7854.3020 | 15259.4216 | 11401.6524 | -155.2094 |
| **2076** | 11181.3200 | 1889.0958 | 7478.7602 | 14883.8798 | 8490.7914 | -2690.5286 |
| **2077** | 10481.2263 | 1889.0958 | 6778.6665 | 14183.7861 | 10607.6400 | 126.4137 |
| **2078** | 11370.3940 | 1889.0958 | 7667.8342 | 15072.9538 | 12522.6124 | 1152.2184 |
| **2079** | 10885.7214 | 1889.0958 | 7183.1616 | 14588.2812 | 11065.8386 | 180.1172 |
| **2080** | 8809.9413 | 1889.0958 | 5107.3815 | 12512.5011 | 8432.6352 | -377.3060 |
| **2081** | 6640.9918 | 1889.0958 | 2938.4321 | 10343.5516 | 7535.2148 | 894.2229 |
| **2082** | 8377.3828 | 1889.0958 | 4674.8230 | 12079.9426 | 7503.9067 | -873.4761 |
| **2083** | 10565.2980 | 1889.0958 | 6862.7382 | 14267.8578 | 11040.9443 | 475.6463 |
| **2084** | 12337.5235 | 1889.0958 | 8634.9637 | 16040.0833 | 13446.6933 | 1109.1698 |
| **2085** | 9386.4697 | 1889.0958 | 5683.9099 | 13089.0294 | 9713.0400 | 326.5703 |
| **2086** | 6415.7561 | 1889.0958 | 2713.1963 | 10118.3159 | 6637.8019 | 222.0458 |
| **2087** | 4795.4895 | 1889.0958 | 1092.9297 | 8498.0493 | 4117.6105 | -677.8790 |
| **2088** | 3700.0111 | 1889.0958 | -2.5487 | 7402.5709 | 3914.8814 | 214.8703 |
| **2089** | 2283.7780 | 1889.0958 | -1418.7818 | 5986.3378 | 1593.3629 | -690.4152 |
| **2090** | 621.8917 | 1889.0958 | -3080.6680 | 4324.4515 | 851.0467 | 229.1549 |
| **2091** | 480.1699 | 1889.0958 | -3222.3899 | 4182.7297 | 411.6067 | -68.5632 |
| **2092** | 295.7790 | 1889.0958 | -3406.7807 | 3998.3388 | 4.3800 | -291.3990 |
| **2093** | 17.6661 | 1889.0958 | -3684.8937 | 3720.2259 | 0.0000 | -17.6661 |
| **2094** | 48.4834 | 1889.0958 | -3654.0764 | 3751.0432 | 0.0000 | -48.4834 |
| **2095** | 60.4368 | 1889.0958 | -3642.1230 | 3762.9966 | 0.0000 | -60.4368 |
| **2096** | 730.1652 | 1889.0958 | -2972.3946 | 4432.7250 | 0.0000 | -730.1652 |

| | Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **2097** | 464.3381 | 1889.0958 | -3238.2217 | 4166.8978 | 0.0000 | -464.3381 |
| **2098** | 47.9424 | 1889.0958 | -3654.6174 | 3750.5022 | 0.0000 | -47.9424 |
| **2099** | 10.2242 | 1889.0958 | -3692.3355 | 3712.7840 | 0.0000 | -10.2242 |
| **2100** | -114.6509 | 1889.0958 | -3817.2107 | 3587.9089 | 0.0000 | 114.6509 |
| **2101** | -16.7231 | 1889.0958 | -3719.2829 | 3685.8367 | 0.0000 | 16.7231 |
| **2102** | 207.0938 | 1889.0958 | -3495.4660 | 3909.6535 | 0.0000 | -207.0938 |
| **2103** | 74.9583 | 1889.0958 | -3627.6015 | 3777.5180 | 0.0000 | -74.9583 |
| **2104** | 101.9227 | 1889.0958 | -3600.6371 | 3804.4825 | 0.0000 | -101.9227 |
| **2105** | 94.7924 | 1889.0958 | -3607.7673 | 3797.3522 | 0.0000 | -94.7924 |
| **2106** | 29.4183 | 1889.0958 | -3673.1415 | 3731.9781 | 0.0000 | -29.4183 |
| **2107** | 111.9275 | 1889.0958 | -3590.6322 | 3814.4873 | 0.0000 | -111.9275 |
| **2108** | 79.8032 | 1889.0958 | -3622.7566 | 3782.3630 | 0.0000 | -79.8032 |
| **2109** | 52.5440 | 1889.0958 | -3650.0158 | 3755.1038 | 0.0000 | -52.5440 |
| **2110** | -34.0244 | 1889.0958 | -3736.5841 | 3668.5354 | 0.0000 | 34.0244 |
| **2111** | 179.6292 | 1889.0958 | -3522.9306 | 3882.1890 | 0.0000 | -179.6292 |
| **2112** | 61.9881 | 1889.0958 | -3640.5716 | 3764.5479 | 0.0000 | -61.9881 |
| **2113** | -131.3737 | 1889.0958 | -3833.9335 | 3571.1861 | 0.0000 | 131.3737 |
| **2114** | -54.5149 | 1889.0958 | -3757.0747 | 3648.0449 | 0.0000 | 54.5149 |
| **2115** | 70.2879 | 1889.0958 | -3632.2719 | 3772.8477 | 0.0000 | -70.2879 |
| **2116** | -103.4458 | 1889.0958 | -3806.0056 | 3599.1140 | 0.0000 | 103.4458 |
| **2117** | 141.9076 | 1889.0958 | -3560.6522 | 3844.4674 | 0.0000 | -141.9076 |
| **2118** | 31.5568 | 1889.0958 | -3671.0030 | 3734.1166 | 0.0000 | -31.5568 |
| **2119** | 105.8131 | 1889.0958 | -3596.7467 | 3808.3729 | 0.0000 | -105.8131 |
| **2120** | 108.4048 | 1889.0958 | -3594.1550 | 3810.9646 | 0.0000 | -108.4048 |
| **2121** | 158.8387 | 1889.0958 | -3543.7211 | 3861.3985 | 0.0000 | -158.8387 |
| **2122** | 268.3468 | 1889.0958 | -3434.2130 | 3970.9066 | 0.0000 | -268.3468 |
| **2123** | 262.3739 | 1889.0958 | -3440.1858 | 3964.9337 | 0.0000 | -262.3739 |
| **2124** | 208.5725 | 1889.0958 | -3493.9873 | 3911.1322 | 0.0000 | -208.5725 |
| **2125** | 118.1359 | 1889.0958 | -3584.4239 | 3820.6957 | 0.0000 | -118.1359 |
| **2126** | -37.2066 | 1889.0958 | -3739.7664 | 3665.3531 | 0.0000 | 37.2066 |
| **2127** | -180.7426 | 1889.0958 | -3883.3024 | 3521.8172 | 0.0000 | 180.7426 |
| **2128** | -45.3048 | 1889.0958 | -3747.8646 | 3657.2550 | 0.0000 | 45.3048 |
| **2129** | -0.9965 | 1889.0958 | -3703.5563 | 3701.5633 | 0.0000 | 0.9965 |
| **2130** | 120.7218 | 1889.0958 | -3581.8380 | 3823.2816 | 0.0000 | -120.7218 |
| **2131** | 111.5440 | 1889.0958 | -3591.0158 | 3814.1038 | 0.0000 | -111.5440 |
| **2132** | 81.9127 | 1889.0958 | -3620.6471 | 3784.4725 | 0.0000 | -81.9127 |
| **2133** | 11.0032 | 1889.0958 | -3691.5566 | 3713.5630 | 0.0000 | -11.0032 |

| | | | Forecasts for variable AC_POWER | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 2134 | -58.7426 | 1889.0958 | -3761.3024 | 3643.8171 | 0.0000 | 58.7426 |
| 2135 | 18.9957 | 1889.0958 | -3683.5641 | 3721.5555 | 0.0000 | -18.9957 |
| 2136 | 15.8383 | 1889.0958 | -3686.7215 | 3718.3980 | 0.0000 | -15.8383 |
| 2137 | 347.6360 | 1889.0958 | -3354.9238 | 4050.1958 | 271.3371 | -76.2989 |
| 2138 | 1231.9256 | 1889.0958 | -2470.6342 | 4934.4853 | 1187.3024 | -44.6232 |
| 2139 | 2030.2620 | 1889.0958 | -1672.2978 | 5732.8218 | 2107.4324 | 77.1704 |
| 2140 | 3383.0382 | 1889.0958 | -319.5216 | 7085.5980 | 3181.8043 | -201.2339 |
| 2141 | 3765.7256 | 1889.0958 | 63.1658 | 7468.2853 | 3059.2133 | -706.5122 |
| 2142 | 4199.6298 | 1889.0958 | 497.0701 | 7902.1896 | 3869.6190 | -330.0108 |
| 2143 | 3117.1011 | 1889.0958 | -585.4587 | 6819.6608 | 2913.0733 | -204.0277 |
| 2144 | 4077.6350 | 1889.0958 | 375.0753 | 7780.1948 | 3119.9810 | -957.6541 |
| 2145 | 7942.1967 | 1889.0958 | 4239.6370 | 11644.7565 | 8888.5619 | 946.3652 |
| 2146 | 11987.9677 | 1889.0958 | 8285.4079 | 15690.5275 | 11840.4600 | -147.5077 |
| 2147 | 16592.6297 | 1889.0958 | 12890.0699 | 20295.1895 | 14375.7533 | -2216.8763 |
| 2148 | 15644.4982 | 1889.0958 | 11941.9384 | 19347.0580 | 17410.0067 | 1765.5085 |
| 2149 | 18095.2499 | 1889.0958 | 14392.6901 | 21797.8097 | 14380.4229 | -3714.8270 |
| 2150 | 13659.8853 | 1889.0958 | 9957.3255 | 17362.4451 | 13342.1800 | -317.7053 |
| 2151 | 16118.9136 | 1889.0958 | 12416.3539 | 19821.4734 | 15394.2357 | -724.6779 |
| 2152 | 14436.3358 | 1889.0958 | 10733.7760 | 18138.8956 | 15377.3995 | 941.0637 |
| 2153 | 14565.9568 | 1889.0958 | 10863.3970 | 18268.5166 | 15467.5333 | 901.5765 |
| 2154 | 14392.5255 | 1889.0958 | 10689.9657 | 18095.0853 | 16831.0510 | 2438.5255 |
| 2155 | 18642.6601 | 1889.0958 | 14940.1003 | 22345.2199 | 15789.5400 | -2853.1201 |
| 2156 | 12756.5333 | 1889.0958 | 9053.9735 | 16459.0931 | 14821.2600 | 2064.7267 |
| 2157 | 17832.7778 | 1889.0958 | 14130.2181 | 21535.3376 | 14633.0314 | -3199.7464 |
| 2158 | 13484.2477 | 1889.0958 | 9781.6880 | 17186.8075 | 15400.4067 | 1916.1589 |
| 2159 | 18305.5572 | 1889.0958 | 14602.9975 | 22008.1170 | 13882.1648 | -4423.3925 |
| 2160 | 8037.2349 | 1889.0958 | 4334.6751 | 11739.7946 | 10524.7600 | 2487.5251 |
| 2161 | 14681.5452 | 1889.0958 | 10978.9854 | 18384.1050 | 11780.8062 | -2900.7390 |
| 2162 | 18841.1425 | 1889.0958 | 15138.5827 | 22543.7023 | 17007.5533 | -1833.5892 |
| 2163 | 15592.2979 | 1889.0958 | 11889.7381 | 19294.8576 | 16447.1848 | 854.8869 |
| 2164 | 15032.3335 | 1889.0958 | 11329.7737 | 18734.8933 | 11855.3762 | -3176.9573 |
| 2165 | 11085.4467 | 1889.0958 | 7382.8869 | 14788.0065 | 11868.6933 | 783.2467 |
| 2166 | 11092.7282 | 1889.0958 | 7390.1684 | 14795.2880 | 10491.0600 | -601.6682 |
| 2167 | 9032.7612 | 1889.0958 | 5330.2014 | 12735.3210 | 8402.9867 | -629.7746 |
| 2168 | 14814.1509 | 1889.0958 | 11111.5911 | 18516.7107 | 15828.8862 | 1014.7353 |
| 2169 | 14897.9201 | 1889.0958 | 11195.3603 | 18600.4799 | 14098.9762 | -798.9439 |
| 2170 | 12896.6877 | 1889.0958 | 9194.1280 | 16599.2475 | 10325.5533 | -2571.1344 |

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

| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
|---|---|---|---|---|---|---|
| 2171 | 12640.1950 | 1889.0958 | 8937.6352 | 16342.7548 | 0.0000 | -12640.1950 |
| 2172 | 6162.1976 | 1889.0958 | 2459.6378 | 9864.7574 | 8203.1133 | 2040.9158 |
| 2173 | 13057.6275 | 1889.0958 | 9355.0678 | 16760.1873 | 8595.4476 | -4462.1799 |
| 2174 | 8484.3636 | 1889.0958 | 4781.8038 | 12186.9234 | 13154.9233 | 4670.5597 |
| 2175 | 12112.4228 | 1889.0958 | 8409.8630 | 15814.9826 | 14039.4867 | 1927.0639 |
| 2176 | 9559.2788 | 1889.0958 | 5856.7190 | 13261.8386 | 14635.2800 | 5076.0012 |
| 2177 | 13404.6343 | 1889.0958 | 9702.0745 | 17107.1941 | 14860.1757 | 1455.5414 |
| 2178 | 12873.0394 | 1889.0958 | 9170.4796 | 16575.5992 | 13887.3971 | 1014.3577 |
| 2179 | 13806.3150 | 1889.0958 | 10103.7552 | 17508.8748 | 12767.8600 | -1038.4550 |
| 2180 | 13375.6830 | 1889.0958 | 9673.1233 | 17078.2428 | 10970.9333 | -2404.7497 |
| 2181 | 8406.7970 | 1889.0958 | 4704.2372 | 12109.3568 | 8845.3014 | 438.5044 |
| 2182 | 7053.3040 | 1889.0958 | 3350.7443 | 10755.8638 | 6819.8052 | -233.4988 |
| 2183 | 4707.2577 | 1889.0958 | 1004.6980 | 8409.8175 | 4623.4081 | -83.8496 |
| 2184 | 3989.5132 | 1889.0958 | 286.9534 | 7692.0729 | 3571.6200 | -417.8932 |
| 2185 | 1645.8185 | 1889.0958 | -2056.7413 | 5348.3783 | 2202.8248 | 557.0063 |
| 2186 | 1467.6109 | 1889.0958 | -2234.9489 | 5170.1707 | 1194.9933 | -272.6175 |
| 2187 | 707.8954 | 1889.0958 | -2994.6644 | 4410.4552 | 556.9333 | -150.9621 |
| 2188 | 59.1845 | 1889.0958 | -3643.3753 | 3761.7443 | 26.7481 | -32.4364 |
| 2189 | 38.8934 | 1889.0958 | -3663.6664 | 3741.4532 | 0.0000 | -38.8934 |
| 2190 | 60.9463 | 1889.0958 | -3641.6135 | 3763.5061 | 0.0000 | -60.9463 |
| 2191 | 16.4835 | 1889.0958 | -3686.0763 | 3719.0432 | 0.0000 | -16.4835 |
| 2192 | -40.4219 | 1889.0958 | -3742.9816 | 3662.1379 | 0.0000 | 40.4219 |
| 2193 | -180.9827 | 1889.0958 | -3883.5425 | 3521.5771 | 0.0000 | 180.9827 |
| 2194 | -292.9214 | 1889.0958 | -3995.4812 | 3409.6384 | 0.0000 | 292.9214 |
| 2195 | -32.3211 | 1889.0958 | -3734.8809 | 3670.2387 | 0.0000 | 32.3211 |
| 2196 | 61.7381 | 1889.0958 | -3640.8217 | 3764.2979 | 0.0000 | -61.7381 |
| 2197 | 124.3848 | 1889.0958 | -3578.1750 | 3826.9446 | 0.0000 | -124.3848 |
| 2198 | -143.7127 | 1889.0958 | -3846.2725 | 3558.8471 | 0.0000 | 143.7127 |
| 2199 | -278.1918 | 1889.0958 | -3980.7516 | 3424.3680 | 0.0000 | 278.1918 |
| 2200 | -191.0689 | 1889.0958 | -3893.6287 | 3511.4909 | 0.0000 | 191.0689 |
| 2201 | -28.2015 | 1889.0958 | -3730.7613 | 3674.3583 | 0.0000 | 28.2015 |
| 2202 | 30.0952 | 1889.0958 | -3672.4646 | 3732.6549 | 0.0000 | -30.0952 |
| 2203 | 38.1267 | 1889.0958 | -3664.4331 | 3740.6864 | 0.0000 | -38.1267 |
| 2204 | 44.0916 | 1889.0958 | -3658.4681 | 3746.6514 | 0.0000 | -44.0916 |
| 2205 | -29.5947 | 1889.0958 | -3732.1545 | 3672.9651 | 0.0000 | 29.5947 |
| 2206 | 40.7290 | 1889.0958 | -3661.8308 | 3743.2888 | 0.0000 | -40.7290 |
| 2207 | 40.5008 | 1889.0958 | -3662.0590 | 3743.0606 | 0.0000 | -40.5008 |

| | | | Forecasts for variable AC_POWER | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **2208** | 103.5119 | 1889.0958 | -3599.0479 | 3806.0717 | 0.0000 | -103.5119 |
| **2209** | 187.1515 | 1889.0958 | -3515.4083 | 3889.7113 | 0.0000 | -187.1515 |
| **2210** | 15.8257 | 1889.0958 | -3686.7341 | 3718.3854 | 0.0000 | -15.8257 |
| **2211** | -92.0005 | 1889.0958 | -3794.5603 | 3610.5592 | 0.0000 | 92.0005 |
| **2212** | 62.7717 | 1889.0958 | -3639.7881 | 3765.3315 | 0.0000 | -62.7717 |
| **2213** | -73.8585 | 1889.0958 | -3776.4183 | 3628.7013 | 0.0000 | 73.8585 |
| **2214** | 61.4364 | 1889.0958 | -3641.1234 | 3763.9962 | 0.0000 | -61.4364 |
| **2215** | -153.9330 | 1889.0958 | -3856.4928 | 3548.6268 | 0.0000 | 153.9330 |
| **2216** | -18.9365 | 1889.0958 | -3721.4963 | 3683.6233 | 0.0000 | 18.9365 |
| **2217** | -69.1032 | 1889.0958 | -3771.6630 | 3633.4566 | 0.0000 | 69.1032 |
| **2218** | -188.1436 | 1889.0958 | -3890.7034 | 3514.4162 | 0.0000 | 188.1436 |
| **2219** | -122.1632 | 1889.0958 | -3824.7230 | 3580.3966 | 0.0000 | 122.1632 |
| **2220** | -106.3850 | 1889.0958 | -3808.9448 | 3596.1748 | 0.0000 | 106.3850 |
| **2221** | -57.6471 | 1889.0958 | -3760.2069 | 3644.9127 | 0.0000 | 57.6471 |
| **2222** | 80.4263 | 1889.0958 | -3622.1335 | 3782.9861 | 0.0000 | -80.4263 |
| **2223** | 418.6702 | 1889.0958 | -3283.8896 | 4121.2299 | 0.0000 | -418.6702 |
| **2224** | -146.9472 | 1889.0958 | -3849.5070 | 3555.6125 | 0.0000 | 146.9472 |
| **2225** | -246.9258 | 1889.0958 | -3949.4856 | 3455.6339 | 0.0000 | 246.9258 |
| **2226** | 46.3467 | 1889.0958 | -3656.2131 | 3748.9064 | 0.0000 | -46.3467 |
| **2227** | 56.5478 | 1889.0958 | -3646.0120 | 3759.1075 | 0.0000 | -56.5478 |
| **2228** | -54.4118 | 1889.0958 | -3756.9716 | 3648.1480 | 0.0000 | 54.4118 |
| **2229** | -32.6428 | 1889.0958 | -3735.2026 | 3669.9170 | 0.0000 | 32.6428 |
| **2230** | 90.7646 | 1889.0958 | -3611.7952 | 3793.3244 | 0.0000 | -90.7646 |
| **2231** | 45.6016 | 1889.0958 | -3656.9581 | 3748.1614 | 0.0000 | -45.6016 |
| **2232** | -12.8952 | 1889.0958 | -3715.4550 | 3689.6646 | 0.0000 | 12.8952 |
| **2233** | 137.1373 | 1889.0958 | -3565.4225 | 3839.6971 | 304.7114 | 167.5741 |
| **2234** | 938.9698 | 1889.0958 | -2763.5900 | 4641.5295 | 895.3400 | -43.6298 |
| **2235** | 1543.4677 | 1889.0958 | -2159.0921 | 5246.0275 | 1441.1038 | -102.3639 |
| **2236** | 1974.1259 | 1889.0958 | -1728.4339 | 5676.6857 | 1601.3119 | -372.8140 |
| **2237** | 1752.1196 | 1889.0958 | -1950.4402 | 5454.6794 | 2110.2562 | 358.1366 |
| **2238** | 3077.9593 | 1889.0958 | -624.6004 | 6780.5191 | 2728.9990 | -348.9603 |
| **2239** | 3833.2256 | 1889.0958 | 130.6658 | 7535.7854 | 4551.2600 | 718.0344 |
| **2240** | 5266.6893 | 1889.0958 | 1564.1295 | 8969.2490 | 7160.3086 | 1893.6193 |
| **2241** | 8089.4831 | 1889.0958 | 4386.9233 | 11792.0429 | 6591.8362 | -1497.6469 |
| **2242** | 9445.7620 | 1889.0958 | 5743.2022 | 13148.3218 | 10235.9919 | 790.2299 |
| **2243** | 10867.9484 | 1889.0958 | 7165.3886 | 14570.5082 | 10959.0900 | 91.1416 |
| **2244** | 16232.1183 | 1889.0958 | 12529.5585 | 19934.6780 | 15648.8733 | -583.2449 |

| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | Forecasts for variable AC_POWER | | |
| 2245 | 12034.3108 | 1889.0958 | 8331.7511 | 15736.8706 | 17008.0314 | 4973.7206 |
| 2246 | 18746.9525 | 1889.0958 | 15044.3927 | 22449.5122 | 13172.2114 | -5574.7410 |
| 2247 | 12616.3549 | 1889.0958 | 8913.7951 | 16318.9146 | 3118.5129 | -9497.8420 |
| 2248 | 8637.9191 | 1889.0958 | 4935.3593 | 12340.4789 | 14524.0362 | 5886.1171 |
| 2249 | 15977.9213 | 1889.0958 | 12275.3615 | 19680.4811 | 14287.7400 | -1690.1813 |
| 2250 | 14630.8195 | 1889.0958 | 10928.2597 | 18333.3793 | 14145.5552 | -485.2642 |
| 2251 | 12019.6896 | 1889.0958 | 8317.1298 | 15722.2494 | 13271.2376 | 1251.5480 |
| 2252 | 10756.3261 | 1889.0958 | 7053.7664 | 14458.8859 | 10483.0562 | -273.2700 |
| 2253 | 9498.2391 | 1889.0958 | 5795.6794 | 13200.7989 | 11099.6400 | 1601.4009 |
| 2254 | 12599.5062 | 1889.0958 | 8896.9464 | 16302.0660 | 11898.1333 | -701.3729 |
| 2255 | 11958.1422 | 1889.0958 | 8255.5824 | 15660.7020 | 12894.5290 | 936.3868 |
| 2256 | 13737.6609 | 1889.0958 | 10035.1011 | 17440.2207 | 13063.9243 | -673.7366 |
| 2257 | 11625.2338 | 1889.0958 | 7922.6740 | 15327.7936 | 14051.1257 | 2425.8919 |
| 2258 | 18163.7374 | 1889.0958 | 14461.1777 | 21866.2972 | 15682.9000 | -2480.8374 |
| 2259 | 16412.9606 | 1889.0958 | 12710.4008 | 20115.5204 | 14942.8552 | -1470.1054 |
| 2260 | 10997.2248 | 1889.0958 | 7294.6650 | 14699.7846 | 11493.5871 | 496.3624 |
| 2261 | 10046.7661 | 1889.0958 | 6344.2063 | 13749.3259 | 10246.7924 | 200.0263 |
| 2262 | 13351.3391 | 1889.0958 | 9648.7793 | 17053.8989 | 12974.2210 | -377.1181 |
| 2263 | 9054.5949 | 1889.0958 | 5352.0352 | 12757.1547 | 12416.5267 | 3361.9317 |
| 2264 | 14133.9377 | 1889.0958 | 10431.3779 | 17836.4975 | 13796.0895 | -337.8482 |
| 2265 | 14962.5006 | 1889.0958 | 11259.9408 | 18665.0604 | 13692.8048 | -1269.6958 |
| 2266 | 12159.6136 | 1889.0958 | 8457.0538 | 15862.1734 | 15671.3129 | 3511.6992 |
| 2267 | 3456.0975 | 1889.0958 | -246.4623 | 7158.6573 | 15137.8067 | 11681.7092 |
| 2268 | 16353.8505 | 1889.0958 | 12651.2907 | 20056.4102 | 14925.9471 | -1427.9033 |
| 2269 | 9824.8402 | 1889.0958 | 6122.2804 | 13527.4000 | 12064.4310 | 2239.5907 |
| 2270 | 18014.3010 | 1889.0958 | 14311.7412 | 21716.8608 | 399.9667 | -17614.3343 |
| 2271 | 6440.6561 | 1889.0958 | 2738.0963 | 10143.2159 | 3871.9310 | -2568.7252 |
| 2272 | 10775.5106 | 1889.0958 | 7072.9508 | 14478.0704 | 13939.9600 | 3164.4494 |
| 2273 | 10158.1352 | 1889.0958 | 6455.5754 | 13860.6950 | 5340.1071 | -4818.0280 |
| 2274 | 8690.7053 | 1889.0958 | 4988.1455 | 12393.2651 | 11093.7667 | 2403.0614 |
| 2275 | 6538.3492 | 1889.0958 | 2835.7894 | 10240.9089 | 7562.9719 | 1024.6227 |
| 2276 | 6271.4962 | 1889.0958 | 2568.9364 | 9974.0560 | 4084.5624 | -2186.9338 |
| 2277 | 6425.6215 | 1889.0958 | 2723.0617 | 10128.1812 | 7084.7148 | 659.0933 |
| 2278 | 5651.8081 | 1889.0958 | 1949.2484 | 9354.3679 | 6270.1352 | 618.3271 |
| 2279 | 3755.4461 | 1889.0958 | 52.8863 | 7458.0059 | 5126.8157 | 1371.3696 |
| 2280 | 2825.0721 | 1889.0958 | -877.4877 | 6527.6319 | 3550.8371 | 725.7650 |
| 2281 | 2076.1731 | 1889.0958 | -1626.3867 | 5778.7329 | 2030.8033 | -45.3698 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 2282 | 1669.9285 | 1889.0958 | -2032.6313 | 5372.4883 | 1237.2467 | -432.6818 |
| 2283 | 568.9559 | 1889.0958 | -3133.6039 | 4271.5157 | 583.0600 | 14.1041 |
| 2284 | -116.5487 | 1889.0958 | -3819.1085 | 3586.0110 | 59.8405 | 176.3892 |
| 2285 | -295.0672 | 1889.0958 | -3997.6270 | 3407.4926 | 0.0000 | 295.0672 |
| 2286 | -63.0265 | 1889.0958 | -3765.5863 | 3639.5333 | 0.0000 | 63.0265 |
| 2287 | 65.4838 | 1889.0958 | -3637.0760 | 3768.0436 | 0.0000 | -65.4838 |
| 2288 | 138.8196 | 1889.0958 | -3563.7402 | 3841.3794 | 0.0000 | -138.8196 |
| 2289 | -66.2457 | 1889.0958 | -3768.8054 | 3636.3141 | 0.0000 | 66.2457 |
| 2290 | 79.0925 | 1889.0958 | -3623.4673 | 3781.6523 | 0.0000 | -79.0925 |
| 2291 | 43.7525 | 1889.0958 | -3658.8073 | 3746.3122 | 0.0000 | -43.7525 |
| 2292 | 163.4931 | 1889.0958 | -3539.0667 | 3866.0529 | 0.0000 | -163.4931 |
| 2293 | 100.6530 | 1889.0958 | -3601.9068 | 3803.2127 | 0.0000 | -100.6530 |
| 2294 | -14.7964 | 1889.0958 | -3717.3561 | 3687.7634 | 0.0000 | 14.7964 |
| 2295 | 58.7863 | 1889.0958 | -3643.7734 | 3761.3461 | 0.0000 | -58.7863 |
| 2296 | 214.2726 | 1889.0958 | -3488.2871 | 3916.8324 | 0.0000 | -214.2726 |
| 2297 | 125.3960 | 1889.0958 | -3577.1638 | 3827.9558 | 0.0000 | -125.3960 |
| 2298 | 26.7346 | 1889.0958 | -3675.8252 | 3729.2944 | 0.0000 | -26.7346 |
| 2299 | -55.7455 | 1889.0958 | -3758.3053 | 3646.8143 | 0.0000 | 55.7455 |
| 2300 | -51.8655 | 1889.0958 | -3754.4253 | 3650.6943 | 0.0000 | 51.8655 |
| 2301 | 5.3067 | 1889.0958 | -3697.2530 | 3707.8665 | 0.0000 | -5.3067 |
| 2302 | 106.0812 | 1889.0958 | -3596.4786 | 3808.6410 | 0.0000 | -106.0812 |
| 2303 | 67.4786 | 1889.0958 | -3635.0812 | 3770.0384 | 0.0000 | -67.4786 |
| 2304 | -136.8087 | 1889.0958 | -3839.3685 | 3565.7511 | 0.0000 | 136.8087 |
| 2305 | -63.0226 | 1889.0958 | -3765.5824 | 3639.5372 | 0.0000 | 63.0226 |
| 2306 | 10.8985 | 1889.0958 | -3691.6613 | 3713.4583 | 0.0000 | -10.8985 |
| 2307 | 131.2628 | 1889.0958 | -3571.2969 | 3833.8226 | 0.0000 | -131.2628 |
| 2308 | 72.8304 | 1889.0958 | -3629.7294 | 3775.3902 | 0.0000 | -72.8304 |
| 2309 | 99.6749 | 1889.0958 | -3602.8849 | 3802.2347 | 0.0000 | -99.6749 |
| 2310 | -13.2736 | 1889.0958 | -3715.8333 | 3689.2862 | 0.0000 | 13.2736 |
| 2311 | 72.5576 | 1889.0958 | -3630.0022 | 3775.1174 | 0.0000 | -72.5576 |
| 2312 | -0.0462 | 1889.0958 | -3702.6060 | 3702.5136 | 0.0000 | 0.0462 |
| 2313 | 1.2604 | 1889.0958 | -3701.2994 | 3703.8201 | 0.0000 | -1.2604 |
| 2314 | -77.2470 | 1889.0958 | -3779.8068 | 3625.3128 | 0.0000 | 77.2470 |
| 2315 | -171.1498 | 1889.0958 | -3873.7096 | 3531.4099 | 0.0000 | 171.1498 |
| 2316 | 9.5122 | 1889.0958 | -3693.0476 | 3712.0720 | 0.0000 | -9.5122 |
| 2317 | 47.1934 | 1889.0958 | -3655.3664 | 3749.7532 | 0.0000 | -47.1934 |
| 2318 | 101.7773 | 1889.0958 | -3600.7825 | 3804.3371 | 0.0000 | -101.7773 |

| | Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 2319 | -202.9512 | 1889.0958 | -3905.5110 | 3499.6086 | 0.0000 | 202.9512 |
| 2320 | 217.7245 | 1889.0958 | -3484.8352 | 3920.2843 | 0.0000 | -217.7245 |
| 2321 | 255.3594 | 1889.0958 | -3447.2004 | 3957.9192 | 0.0000 | -255.3594 |
| 2322 | 22.8819 | 1889.0958 | -3679.6779 | 3725.4417 | 0.0000 | -22.8819 |
| 2323 | -170.8616 | 1889.0958 | -3873.4214 | 3531.6982 | 0.0000 | 170.8616 |
| 2324 | -15.3612 | 1889.0958 | -3717.9210 | 3687.1986 | 0.0000 | 15.3612 |
| 2325 | -65.2108 | 1889.0958 | -3767.7705 | 3637.3490 | 0.0000 | 65.2108 |
| 2326 | 56.1781 | 1889.0958 | -3646.3817 | 3758.7379 | 0.0000 | -56.1781 |
| 2327 | 213.4378 | 1889.0958 | -3489.1219 | 3915.9976 | 0.0000 | -213.4378 |
| 2328 | -22.9598 | 1889.0958 | -3725.5196 | 3679.6000 | 0.0000 | 22.9598 |
| 2329 | 461.0634 | 1889.0958 | -3241.4964 | 4163.6232 | 397.8948 | -63.1687 |
| 2330 | 1224.8400 | 1889.0958 | -2477.7198 | 4927.3998 | 1159.0205 | -65.8195 |
| 2331 | 1868.0309 | 1889.0958 | -1834.5289 | 5570.5907 | 1996.6195 | 128.5886 |
| 2332 | 2524.1695 | 1889.0958 | -1178.3903 | 6226.7293 | 2931.3133 | 407.1438 |
| 2333 | 4973.2850 | 1889.0958 | 1270.7252 | 8675.8447 | 4988.8195 | 15.5346 |
| 2334 | 4871.3499 | 1889.0958 | 1168.7901 | 8573.9096 | 5501.1705 | 629.8206 |
| 2335 | 8010.9528 | 1889.0958 | 4308.3931 | 11713.5126 | 8404.2243 | 393.2714 |
| 2336 | 10358.0389 | 1889.0958 | 6655.4791 | 14060.5987 | 10152.5095 | -205.5294 |
| 2337 | 10882.3522 | 1889.0958 | 7179.7924 | 14584.9120 | 11894.9067 | 1012.5544 |
| 2338 | 11602.7262 | 1889.0958 | 7900.1664 | 15305.2860 | 9764.8052 | -1837.9210 |
| 2339 | 14262.4538 | 1889.0958 | 10559.8940 | 17965.0136 | 14698.4057 | 435.9519 |
| 2340 | 13609.2134 | 1889.0958 | 9906.6536 | 17311.7732 | 11507.0019 | -2102.2115 |
| 2341 | 16801.7137 | 1889.0958 | 13099.1540 | 20504.2735 | 15106.3157 | -1695.3980 |
| 2342 | 7080.0588 | 1889.0958 | 3377.4990 | 10782.6186 | 12541.7615 | 5461.7027 |
| 2343 | 6788.6076 | 1889.0958 | 3086.0479 | 10491.1674 | 15307.9774 | 8519.3698 |
| 2344 | 22706.7572 | 1889.0958 | 19004.1974 | 26409.3170 | 16606.1703 | -6100.5869 |
| 2345 | 11615.9353 | 1889.0958 | 7913.3755 | 15318.4951 | 15091.7619 | 3475.8266 |
| 2346 | 16633.4294 | 1889.0958 | 12930.8696 | 20335.9892 | 14888.9267 | -1744.5027 |
| 2347 | 15274.5894 | 1889.0958 | 11572.0297 | 18977.1492 | 15037.4362 | -237.1532 |
| 2348 | 14051.8380 | 1889.0958 | 10349.2782 | 17754.3978 | 13047.6805 | -1004.1575 |
| 2349 | 15230.1529 | 1889.0958 | 11527.5931 | 18932.7127 | 15456.7414 | 226.5885 |
| 2350 | 12292.7480 | 1889.0958 | 8590.1882 | 15995.3078 | 14854.1133 | 2561.3654 |
| 2351 | 16296.7110 | 1889.0958 | 12594.1512 | 19999.2708 | 16437.4086 | 140.6975 |
| 2352 | 14765.2287 | 1889.0958 | 11062.6689 | 18467.7885 | 13774.8733 | -990.3553 |
| 2353 | 11479.5009 | 1889.0958 | 7776.9411 | 15182.0607 | 12731.4505 | 1251.9496 |
| 2354 | 17092.7776 | 1889.0958 | 13390.2178 | 20795.3374 | 15781.7286 | -1311.0490 |
| 2355 | 13822.5098 | 1889.0958 | 10119.9500 | 17525.0696 | 15549.8933 | 1727.3835 |

| | | | | Forecasts for variable AC_POWER | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **2356** | 14305.6068 | 1889.0958 | 10603.0470 | 18008.1666 | 16005.0600 | 1699.4532 |
| **2357** | 14499.6788 | 1889.0958 | 10797.1190 | 18202.2385 | 12245.9605 | -2253.7183 |
| **2358** | 9058.7693 | 1889.0958 | 5356.2095 | 12761.3291 | 11115.9024 | 2057.1331 |
| **2359** | 18097.3140 | 1889.0958 | 14394.7542 | 21799.8738 | 15456.3267 | -2640.9873 |
| **2360** | 11264.7924 | 1889.0958 | 7562.2327 | 14967.3522 | 14084.7490 | 2819.9566 |
| **2361** | 17896.9258 | 1889.0958 | 14194.3660 | 21599.4856 | 15119.2733 | -2777.6525 |
| **2362** | 15542.3614 | 1889.0958 | 11839.8016 | 19244.9212 | 16407.9529 | 865.5914 |
| **2363** | 17562.9041 | 1889.0958 | 13860.3443 | 21265.4638 | 18105.3924 | 542.4883 |
| **2364** | 16760.0699 | 1889.0958 | 13057.5101 | 20462.6297 | 17509.9600 | 749.8901 |
| **2365** | 13190.3522 | 1889.0958 | 9487.7924 | 16892.9120 | 14861.2600 | 1670.9078 |
| **2366** | 4390.7610 | 1889.0958 | 688.2012 | 8093.3208 | 19184.9595 | 14794.1985 |
| **2367** | 17412.7315 | 1889.0958 | 13710.1717 | 21115.2912 | 20665.0667 | 3252.3352 |
| **2368** | 24190.5410 | 1889.0958 | 20487.9813 | 27893.1008 | 17536.9595 | -6653.5815 |
| **2369** | 11556.5132 | 1889.0958 | 7853.9534 | 15259.0730 | 14615.8090 | 3059.2958 |
| **2370** | 15694.5516 | 1889.0958 | 11991.9918 | 19397.1113 | 12436.0729 | -3258.4787 |
| **2371** | 12693.0006 | 1889.0958 | 8990.4408 | 16395.5604 | 10901.0767 | -1791.9239 |
| **2372** | 7428.2306 | 1889.0958 | 3725.6708 | 11130.7903 | 8960.8033 | 1532.5728 |
| **2373** | 9024.4757 | 1889.0958 | 5321.9159 | 12727.0355 | 7785.9538 | -1238.5219 |
| **2374** | 6794.9539 | 1889.0958 | 3092.3941 | 10497.5137 | 6043.2933 | -751.6606 |
| **2375** | 5858.1768 | 1889.0958 | 2155.6170 | 9560.7366 | 5497.9762 | -360.2006 |
| **2376** | 5137.4965 | 1889.0958 | 1434.9367 | 8840.0563 | 4601.4290 | -536.0675 |
| **2377** | 3462.2558 | 1889.0958 | -240.3040 | 7164.8155 | 3276.0419 | -186.2138 |
| **2378** | 1340.9558 | 1889.0958 | -2361.6040 | 5043.5156 | 1751.8267 | 410.8709 |
| **2379** | 571.0916 | 1889.0958 | -3131.4682 | 4273.6513 | 756.3786 | 185.2870 |
| **2380** | 464.0367 | 1889.0958 | -3238.5231 | 4166.5965 | 108.2076 | -355.8291 |
| **2381** | 424.0645 | 1889.0958 | -3278.4953 | 4126.6243 | 0.0000 | -424.0645 |
| **2382** | 215.0081 | 1889.0958 | -3487.5517 | 3917.5679 | 0.0000 | -215.0081 |
| **2383** | 148.7965 | 1889.0958 | -3553.7632 | 3851.3563 | 0.0000 | -148.7965 |
| **2384** | 39.5223 | 1889.0958 | -3663.0375 | 3742.0821 | 0.0000 | -39.5223 |
| **2385** | 322.7135 | 1889.0958 | -3379.8463 | 4025.2733 | 0.0000 | -322.7135 |
| **2386** | 202.3813 | 1889.0958 | -3500.1785 | 3904.9411 | 0.0000 | -202.3813 |
| **2387** | 18.3171 | 1889.0958 | -3684.2427 | 3720.8769 | 0.0000 | -18.3171 |
| **2388** | 6.8524 | 1889.0958 | -3695.7074 | 3709.4122 | 0.0000 | -6.8524 |
| **2389** | -15.9155 | 1889.0958 | -3718.4753 | 3686.6443 | 0.0000 | 15.9155 |
| **2390** | 169.8670 | 1889.0958 | -3532.6928 | 3872.4267 | 0.0000 | -169.8670 |
| **2391** | 92.0563 | 1889.0958 | -3610.5035 | 3794.6161 | 0.0000 | -92.0563 |
| **2392** | 101.2669 | 1889.0958 | -3601.2929 | 3803.8267 | 0.0000 | -101.2669 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | Forecasts for variable AC_POWER | | | |
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **2393** | 118.5308 | 1889.0958 | -3584.0290 | 3821.0906 | 0.0000 | -118.5308 |
| **2394** | -64.5699 | 1889.0958 | -3767.1297 | 3637.9899 | 0.0000 | 64.5699 |
| **2395** | 22.1712 | 1889.0958 | -3680.3885 | 3724.7310 | 0.0000 | -22.1712 |
| **2396** | -2.5534 | 1889.0958 | -3705.1132 | 3700.0064 | 0.0000 | 2.5534 |
| **2397** | -84.4261 | 1889.0958 | -3786.9859 | 3618.1336 | 0.0000 | 84.4261 |
| **2398** | -28.9256 | 1889.0958 | -3731.4853 | 3673.6342 | 0.0000 | 28.9256 |
| **2399** | -88.6757 | 1889.0958 | -3791.2355 | 3613.8841 | 0.0000 | 88.6757 |
| **2400** | -78.8875 | 1889.0958 | -3781.4472 | 3623.6723 | 0.0000 | 78.8875 |
| **2401** | -73.0503 | 1889.0958 | -3775.6100 | 3629.5095 | 0.0000 | 73.0503 |
| **2402** | 60.5952 | 1889.0958 | -3641.9646 | 3763.1550 | 0.0000 | -60.5952 |
| **2403** | 27.4786 | 1889.0958 | -3675.0812 | 3730.0384 | 0.0000 | -27.4786 |
| **2404** | -15.3731 | 1889.0958 | -3717.9328 | 3687.1867 | 0.0000 | 15.3731 |
| **2405** | -99.0771 | 1889.0958 | -3801.6369 | 3603.4827 | 0.0000 | 99.0771 |
| **2406** | 85.6892 | 1889.0958 | -3616.8706 | 3788.2490 | 0.0000 | -85.6892 |
| **2407** | 77.6750 | 1889.0958 | -3624.8848 | 3780.2348 | 0.0000 | -77.6750 |
| **2408** | -5.6686 | 1889.0958 | -3708.2284 | 3696.8912 | 0.0000 | 5.6686 |
| **2409** | 15.5124 | 1889.0958 | -3687.0474 | 3718.0722 | 0.0000 | -15.5124 |
| **2410** | 135.6266 | 1889.0958 | -3566.9331 | 3838.1864 | 0.0000 | -135.6266 |
| **2411** | 119.0975 | 1889.0958 | -3583.4623 | 3821.6573 | 0.0000 | -119.0975 |
| **2412** | 37.1262 | 1889.0958 | -3665.4336 | 3739.6860 | 0.0000 | -37.1262 |
| **2413** | -14.7693 | 1889.0958 | -3717.3290 | 3687.7905 | 0.0000 | 14.7693 |
| **2414** | -83.5378 | 1889.0958 | -3786.0976 | 3619.0220 | 0.0000 | 83.5378 |
| **2415** | 66.3443 | 1889.0958 | -3636.2155 | 3768.9041 | 0.0000 | -66.3443 |
| **2416** | -71.9747 | 1889.0958 | -3774.5345 | 3630.5851 | 0.0000 | 71.9747 |
| **2417** | -26.0432 | 1889.0958 | -3728.6029 | 3676.5166 | 0.0000 | 26.0432 |
| **2418** | -33.1267 | 1889.0958 | -3735.6864 | 3669.4331 | 0.0000 | 33.1267 |
| **2419** | 229.8566 | 1889.0958 | -3472.7032 | 3932.4164 | 0.0000 | -229.8566 |
| **2420** | 92.1771 | 1889.0958 | -3610.3826 | 3794.7369 | 0.0000 | -92.1771 |
| **2421** | 109.7446 | 1889.0958 | -3592.8152 | 3812.3044 | 0.0000 | -109.7446 |
| **2422** | -62.0062 | 1889.0958 | -3764.5659 | 3640.5536 | 0.0000 | 62.0062 |
| **2423** | -183.3896 | 1889.0958 | -3885.9493 | 3519.1702 | 0.0000 | 183.3896 |
| **2424** | 235.5045 | 1889.0958 | -3467.0553 | 3938.0643 | 0.0000 | -235.5045 |
| **2425** | 346.4962 | 1889.0958 | -3356.0636 | 4049.0560 | 283.0305 | -63.4657 |
| **2426** | 970.1023 | 1889.0958 | -2732.4575 | 4672.6621 | 912.8071 | -57.2952 |
| **2427** | 1906.2377 | 1889.0958 | -1796.3221 | 5608.7975 | 1672.3814 | -233.8563 |
| **2428** | 3188.9401 | 1889.0958 | -513.6196 | 6891.4999 | 2813.4933 | -375.4468 |
| **2429** | 4394.9843 | 1889.0958 | 692.4246 | 8097.5441 | 5241.0310 | 846.0466 |

| | | | Forecasts for variable AC_POWER | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 2430 | 7527.8626 | 1889.0958 | 3825.3028 | 11230.4223 | 8308.9081 | 781.0455 |
| 2431 | 10265.8633 | 1889.0958 | 6563.3035 | 13968.4230 | 10543.7967 | 277.9334 |
| 2432 | 12487.5219 | 1889.0958 | 8784.9622 | 16190.0817 | 12098.3324 | -389.1896 |
| 2433 | 11267.1186 | 1889.0958 | 7564.5588 | 14969.6784 | 10313.2533 | -953.8652 |
| 2434 | 11716.6793 | 1889.0958 | 8014.1195 | 15419.2391 | 11617.8181 | -98.8612 |
| 2435 | 14938.3877 | 1889.0958 | 11235.8279 | 18640.9475 | 15431.4267 | 493.0390 |
| 2436 | 15459.6983 | 1889.0958 | 11757.1385 | 19162.2580 | 16221.6048 | 761.9065 |
| 2437 | 17571.8255 | 1889.0958 | 13869.2657 | 21274.3853 | 19037.7538 | 1465.9283 |
| 2438 | 17409.7392 | 1889.0958 | 13707.1794 | 21112.2990 | 19804.0600 | 2394.3208 |
| 2439 | 16693.0097 | 1889.0958 | 12990.4499 | 20395.5695 | 17367.3186 | 674.3089 |
| 2440 | 16254.7903 | 1889.0958 | 12552.2305 | 19957.3501 | 4952.5943 | -11302.1960 |
| 2441 | 10751.8964 | 1889.0958 | 7049.3366 | 14454.4561 | 14273.2305 | 3521.3341 |
| 2442 | 13847.5023 | 1889.0958 | 10144.9425 | 17550.0621 | 13797.0333 | -50.4690 |
| 2443 | 14234.4789 | 1889.0958 | 10531.9191 | 17937.0387 | 14666.6467 | 432.1678 |
| 2444 | 15458.3119 | 1889.0958 | 11755.7522 | 19160.8717 | 13809.5871 | -1648.7248 |
| 2445 | 10660.2279 | 1889.0958 | 6957.6681 | 14362.7877 | 11985.5810 | 1325.3531 |
| 2446 | 13586.2693 | 1889.0958 | 9883.7096 | 17288.8291 | 12093.9576 | -1492.3117 |
| 2447 | 14900.5903 | 1889.0958 | 11198.0305 | 18603.1501 | 14041.5933 | -858.9970 |
| 2448 | 8037.9881 | 1889.0958 | 4335.4283 | 11740.5479 | 10553.9333 | 2515.9452 |
| 2449 | 14750.4770 | 1889.0958 | 11047.9172 | 18453.0368 | 12869.5090 | -1880.9680 |
| 2450 | 6998.2049 | 1889.0958 | 3295.6452 | 10700.7647 | 11416.1733 | 4417.9684 |
| 2451 | 11390.5225 | 1889.0958 | 7687.9627 | 15093.0823 | 11603.4100 | 212.8875 |
| 2452 | 17047.4020 | 1889.0958 | 13344.8423 | 20749.9618 | 14981.2467 | -2066.1554 |
| 2453 | 9136.4461 | 1889.0958 | 5433.8863 | 12839.0059 | 11807.0576 | 2670.6115 |
| 2454 | 13670.9062 | 1889.0958 | 9968.3464 | 17373.4660 | 11829.0119 | -1841.8943 |
| 2455 | 10902.6160 | 1889.0958 | 7200.0562 | 14605.1758 | 13083.0710 | 2180.4550 |
| 2456 | 13168.8943 | 1889.0958 | 9466.3345 | 16871.4541 | 11288.4800 | -1880.4143 |
| 2457 | 9648.4006 | 1889.0958 | 5945.8408 | 13350.9604 | 11380.7667 | 1732.3661 |
| 2458 | 15187.0310 | 1889.0958 | 11484.4712 | 18889.5908 | 14215.7090 | -971.3219 |
| 2459 | 13224.4069 | 1889.0958 | 9521.8472 | 16926.9667 | 13069.0390 | -155.3679 |
| 2460 | 13467.2412 | 1889.0958 | 9764.6814 | 17169.8010 | 14436.4876 | 969.2464 |
| 2461 | 15133.6362 | 1889.0958 | 11431.0764 | 18836.1960 | 14911.2219 | -222.4143 |
| 2462 | 15398.9630 | 1889.0958 | 11696.4032 | 19101.5228 | 13181.5200 | -2217.4430 |
| 2463 | 15734.3912 | 1889.0958 | 12031.8314 | 19436.9510 | 13253.1790 | -2481.2122 |
| 2464 | 14899.7672 | 1889.0958 | 11197.2074 | 18602.3270 | 16732.9724 | 1833.2052 |
| 2465 | 13714.4690 | 1889.0958 | 10011.9093 | 17417.0288 | 13833.9700 | 119.5010 |
| 2466 | 13445.2351 | 1889.0958 | 9742.6753 | 17147.7948 | 15293.5552 | 1848.3202 |

| | | | Forecasts for variable AC_POWER | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 2467 | 12235.7162 | 1889.0958 | 8533.1564 | 15938.2760 | 13002.2533 | 766.5372 |
| 2468 | 8733.7453 | 1889.0958 | 5031.1855 | 12436.3051 | 7275.6043 | -1458.1410 |
| 2469 | 6388.4125 | 1889.0958 | 2685.8527 | 10090.9722 | 5961.8686 | -426.5439 |
| 2470 | 5183.6343 | 1889.0958 | 1481.0745 | 8886.1941 | 5133.4276 | -50.2067 |
| 2471 | 4521.9814 | 1889.0958 | 819.4216 | 8224.5412 | 3688.1086 | -833.8728 |
| 2472 | 2716.5905 | 1889.0958 | -985.9693 | 6419.1503 | 2594.6333 | -121.9572 |
| 2473 | 1308.2722 | 1889.0958 | -2394.2876 | 5010.8320 | 1699.4038 | 391.1316 |
| 2474 | 1034.3553 | 1889.0958 | -2668.2045 | 4736.9151 | 1015.3505 | -19.0049 |
| 2475 | 598.1174 | 1889.0958 | -3104.4424 | 4300.6772 | 491.9352 | -106.1822 |
| 2476 | -179.3794 | 1889.0958 | -3881.9392 | 3523.1804 | 23.4967 | 202.8761 |
| 2477 | -433.4482 | 1889.0958 | -4136.0080 | 3269.1116 | 0.0000 | 433.4482 |
| 2478 | -195.0114 | 1889.0958 | -3897.5712 | 3507.5484 | 0.0000 | 195.0114 |
| 2479 | -16.7637 | 1889.0958 | -3719.3235 | 3685.7961 | 0.0000 | 16.7637 |
| 2480 | -55.6207 | 1889.0958 | -3758.1805 | 3646.9390 | 0.0000 | 55.6207 |
| 2481 | -214.2952 | 1889.0958 | -3916.8550 | 3488.2646 | 0.0000 | 214.2952 |
| 2482 | -21.9409 | 1889.0958 | -3724.5007 | 3680.6189 | 0.0000 | 21.9409 |
| 2483 | -82.9877 | 1889.0958 | -3785.5475 | 3619.5721 | 0.0000 | 82.9877 |
| 2484 | -5.5155 | 1889.0958 | -3708.0753 | 3697.0443 | 0.0000 | 5.5155 |
| 2485 | 38.1086 | 1889.0958 | -3664.4512 | 3740.6684 | 0.0000 | -38.1086 |
| 2486 | -104.4136 | 1889.0958 | -3806.9734 | 3598.1462 | 0.0000 | 104.4136 |
| 2487 | -14.9559 | 1889.0958 | -3717.5157 | 3687.6039 | 0.0000 | 14.9559 |
| 2488 | -174.7498 | 1889.0958 | -3877.3096 | 3527.8100 | 0.0000 | 174.7498 |
| 2489 | -146.5689 | 1889.0958 | -3849.1286 | 3555.9909 | 0.0000 | 146.5689 |
| 2490 | 105.0743 | 1889.0958 | -3597.4855 | 3807.6340 | 0.0000 | -105.0743 |
| 2491 | 65.1581 | 1889.0958 | -3637.4016 | 3767.7179 | 0.0000 | -65.1581 |
| 2492 | 28.3235 | 1889.0958 | -3674.2363 | 3730.8833 | 0.0000 | -28.3235 |
| 2493 | 110.9857 | 1889.0958 | -3591.5741 | 3813.5455 | 0.0000 | -110.9857 |
| 2494 | 1.8430 | 1889.0958 | -3700.7168 | 3704.4028 | 0.0000 | -1.8430 |
| 2495 | 40.0052 | 1889.0958 | -3662.5546 | 3742.5650 | 0.0000 | -40.0052 |
| 2496 | 112.8337 | 1889.0958 | -3589.7261 | 3815.3935 | 0.0000 | -112.8337 |
| 2497 | 54.8454 | 1889.0958 | -3647.7143 | 3757.4052 | 0.0000 | -54.8454 |
| 2498 | -36.1373 | 1889.0958 | -3738.6971 | 3666.4225 | 0.0000 | 36.1373 |
| 2499 | 10.1368 | 1889.0958 | -3692.4230 | 3712.6966 | 0.0000 | -10.1368 |
| 2500 | -51.7923 | 1889.0958 | -3754.3521 | 3650.7674 | 0.0000 | 51.7923 |
| 2501 | 11.7792 | 1889.0958 | -3690.7806 | 3714.3390 | 0.0000 | -11.7792 |
| 2502 | -129.1648 | 1889.0958 | -3831.7246 | 3573.3949 | 0.0000 | 129.1648 |
| 2503 | 89.2492 | 1889.0958 | -3613.3106 | 3791.8089 | 0.0000 | -89.2492 |

| | | | Forecasts for variable AC_POWER | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **2504** | 22.9825 | 1889.0958 | -3679.5773 | 3725.5423 | 0.0000 | -22.9825 |
| **2505** | -51.1050 | 1889.0958 | -3753.6648 | 3651.4548 | 0.0000 | 51.1050 |
| **2506** | -152.5402 | 1889.0958 | -3855.1000 | 3550.0196 | 0.0000 | 152.5402 |
| **2507** | 17.4747 | 1889.0958 | -3685.0851 | 3720.0344 | 0.0000 | -17.4747 |
| **2508** | 32.1604 | 1889.0958 | -3670.3994 | 3734.7201 | 0.0000 | -32.1604 |
| **2509** | 22.7258 | 1889.0958 | -3679.8340 | 3725.2856 | 0.0000 | -22.7258 |
| **2510** | 66.7452 | 1889.0958 | -3635.8146 | 3769.3050 | 0.0000 | -66.7452 |
| **2511** | -67.4991 | 1889.0958 | -3770.0589 | 3635.0607 | 0.0000 | 67.4991 |
| **2512** | 40.6278 | 1889.0958 | -3661.9320 | 3743.1876 | 0.0000 | -40.6278 |
| **2513** | 34.2940 | 1889.0958 | -3668.2658 | 3736.8538 | 0.0000 | -34.2940 |
| **2514** | 131.7282 | 1889.0958 | -3570.8316 | 3834.2880 | 0.0000 | -131.7282 |
| **2515** | 129.0306 | 1889.0958 | -3573.5292 | 3831.5904 | 0.0000 | -129.0306 |
| **2516** | -18.2760 | 1889.0958 | -3720.8358 | 3684.2837 | 0.0000 | 18.2760 |
| **2517** | -29.3890 | 1889.0958 | -3731.9488 | 3673.1708 | 0.0000 | 29.3890 |
| **2518** | 194.7537 | 1889.0958 | -3507.8061 | 3897.3135 | 0.0000 | -194.7537 |
| **2519** | 117.9404 | 1889.0958 | -3584.6194 | 3820.5002 | 0.0000 | -117.9404 |
| **2520** | -104.2258 | 1889.0958 | -3806.7856 | 3598.3340 | 0.0000 | 104.2258 |
| **2521** | 200.0464 | 1889.0958 | -3502.5134 | 3902.6062 | 253.3800 | 53.3336 |
| **2522** | 635.0498 | 1889.0958 | -3067.5100 | 4337.6096 | 587.7024 | -47.3474 |
| **2523** | 968.3061 | 1889.0958 | -2734.2537 | 4670.8659 | 862.2729 | -106.0332 |
| **2524** | 1551.6727 | 1889.0958 | -2150.8871 | 5254.2324 | 1512.4614 | -39.2112 |
| **2525** | 3063.2437 | 1889.0958 | -639.3160 | 6765.8035 | 2155.1467 | -908.0971 |
| **2526** | 3902.1320 | 1889.0958 | 199.5722 | 7604.6918 | 2314.7095 | -1587.4224 |
| **2527** | 4797.9856 | 1889.0958 | 1095.4258 | 8500.5454 | 3678.6000 | -1119.3856 |
| **2528** | 5541.8024 | 1889.0958 | 1839.2426 | 9244.3622 | 5170.5552 | -371.2471 |
| **2529** | 6706.4181 | 1889.0958 | 3003.8583 | 10408.9778 | 7656.8590 | 950.4410 |
| **2530** | 9321.1855 | 1889.0958 | 5618.6257 | 13023.7453 | 10544.2500 | 1223.0645 |
| **2531** | 15237.4408 | 1889.0958 | 11534.8810 | 18940.0005 | 15349.1471 | 111.7064 |
| **2532** | 13398.1794 | 1889.0958 | 9695.6196 | 17100.7392 | 12825.2667 | -572.9127 |
| **2533** | 13074.8377 | 1889.0958 | 9372.2779 | 16777.3974 | 10486.2495 | -2588.5881 |
| **2534** | 13433.1935 | 1889.0958 | 9730.6337 | 17135.7533 | 11461.6719 | -1971.5216 |
| **2535** | 15074.9069 | 1889.0958 | 11372.3471 | 18777.4667 | 19134.3671 | 4059.4602 |
| **2536** | 6634.0259 | 1889.0958 | 2931.4661 | 10336.5857 | 14851.2557 | 8217.2298 |
| **2537** | 16795.5310 | 1889.0958 | 13092.9712 | 20498.0908 | 13457.8157 | -3337.7153 |
| **2538** | 11922.9526 | 1889.0958 | 8220.3928 | 15625.5124 | 14234.8543 | 2311.9017 |
| **2539** | 17322.4145 | 1889.0958 | 13619.8547 | 21024.9743 | 16013.0267 | -1309.3879 |
| **2540** | 14325.6812 | 1889.0958 | 10623.1214 | 18028.2410 | 17190.0262 | 2864.3450 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 2541 | 17894.2515 | 1889.0958 | 14191.6917 | 21596.8113 | 12272.8814 | -5621.3701 |
| 2542 | 10531.4551 | 1889.0958 | 6828.8953 | 14234.0149 | 0.0000 | -10531.4551 |
| 2543 | 3809.4799 | 1889.0958 | 106.9201 | 7512.0397 | 0.0000 | -3809.4799 |
| 2544 | 7246.2197 | 1889.0958 | 3543.6599 | 10948.7795 | 8489.5610 | 1243.3413 |
| 2545 | 13090.8925 | 1889.0958 | 9388.3327 | 16793.4523 | 14722.3271 | 1631.4347 |
| 2546 | 13891.4985 | 1889.0958 | 10188.9387 | 17594.0583 | 15139.6200 | 1248.1215 |
| 2547 | 12778.0137 | 1889.0958 | 9075.4539 | 16480.5735 | 12959.0810 | 181.0673 |
| 2548 | 11098.1975 | 1889.0958 | 7395.6377 | 14800.7573 | 12021.7410 | 923.5434 |
| 2549 | 7818.5893 | 1889.0958 | 4116.0296 | 11521.1491 | 8672.5267 | 853.9373 |
| 2550 | 10267.3583 | 1889.0958 | 6564.7985 | 13969.9180 | 11170.0200 | 902.6617 |
| 2551 | 12851.9239 | 1889.0958 | 9149.3641 | 16554.4836 | 13493.4133 | 641.4895 |
| 2552 | 10208.7987 | 1889.0958 | 6506.2389 | 13911.3585 | 12326.9214 | 2118.1227 |
| 2553 | 10694.4624 | 1889.0958 | 6991.9026 | 14397.0222 | 3096.2048 | -7598.2576 |
| 2554 | 6462.9151 | 1889.0958 | 2760.3553 | 10165.4749 | 6310.1600 | -152.7551 |
| 2555 | 9174.6702 | 1889.0958 | 5472.1104 | 12877.2300 | 9958.7271 | 784.0570 |
| 2556 | 9343.2741 | 1889.0958 | 5640.7144 | 13045.8339 | 5441.5800 | -3901.6941 |
| 2557 | 7074.1351 | 1889.0958 | 3371.5753 | 10776.6948 | 6510.1486 | -563.9865 |
| 2558 | 6351.1980 | 1889.0958 | 2648.6382 | 10053.7578 | 6601.0443 | 249.8463 |
| 2559 | 7302.9838 | 1889.0958 | 3600.4240 | 11005.5435 | 5217.6133 | -2085.3704 |
| 2560 | 9349.2972 | 1889.0958 | 5646.7374 | 13051.8570 | 5775.7552 | -3573.5420 |
| 2561 | 6749.6549 | 1889.0958 | 3047.0951 | 10452.2147 | 8831.0319 | 2081.3770 |
| 2562 | 10195.0544 | 1889.0958 | 6492.4946 | 13897.6141 | 9356.4214 | -838.6329 |
| 2563 | 8200.1006 | 1889.0958 | 4497.5408 | 11902.6604 | 8944.2533 | 744.1527 |
| 2564 | 4190.4071 | 1889.0958 | 487.8473 | 7892.9669 | 4732.1486 | 541.7415 |
| 2565 | 1988.1588 | 1889.0958 | -1714.4010 | 5690.7186 | 2015.5829 | 27.4241 |
| 2566 | 1183.1837 | 1889.0958 | -2519.3761 | 4885.7435 | 430.5962 | -752.5875 |
| 2567 | -121.9157 | 1889.0958 | -3824.4755 | 3580.6440 | 376.4927 | 498.4085 |
| 2568 | 343.6252 | 1889.0958 | -3358.9346 | 4046.1850 | 301.4786 | -42.1467 |
| 2569 | -122.7784 | 1889.0958 | -3825.3382 | 3579.7814 | 179.4600 | 302.2384 |
| 2570 | -149.5509 | 1889.0958 | -3852.1106 | 3553.0089 | 0.0000 | 149.5509 |
| 2571 | -408.1841 | 1889.0958 | -4110.7439 | 3294.3757 | 0.0000 | 408.1841 |
| 2572 | -521.5435 | 1889.0958 | -4224.1032 | 3181.0163 | 0.0000 | 521.5435 |
| 2573 | -492.4527 | 1889.0958 | -4195.0125 | 3210.1071 | 0.0000 | 492.4527 |
| 2574 | -48.9823 | 1889.0958 | -3751.5421 | 3653.5775 | 0.0000 | 48.9823 |
| 2575 | -276.1971 | 1889.0958 | -3978.7569 | 3426.3627 | 0.0000 | 276.1971 |
| 2576 | 80.2079 | 1889.0958 | -3622.3518 | 3782.7677 | 0.0000 | -80.2079 |
| 2577 | -109.8686 | 1889.0958 | -3812.4284 | 3592.6912 | 0.0000 | 109.8686 |

| | | | Forecasts for variable AC_POWER | | | |
|------|----------|-----------|------------------|-----------|---------|-----------|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 2578 | -172.5521 | 1889.0958 | -3875.1119 | 3530.0077 | 0.0000 | 172.5521 |
| 2579 | -113.3856 | 1889.0958 | -3815.9454 | 3589.1742 | 0.0000 | 113.3856 |
| 2580 | -113.7690 | 1889.0958 | -3816.3288 | 3588.7907 | 0.0000 | 113.7690 |
| 2581 | -263.8935 | 1889.0958 | -3966.4533 | 3438.6663 | 0.0000 | 263.8935 |
| 2582 | -15.0790 | 1889.0958 | -3717.6388 | 3687.4808 | 0.0000 | 15.0790 |
| 2583 | -37.6038 | 1889.0958 | -3740.1635 | 3664.9560 | 0.0000 | 37.6038 |
| 2584 | 13.3339 | 1889.0958 | -3689.2258 | 3715.8937 | 0.0000 | -13.3339 |
| 2585 | 133.9133 | 1889.0958 | -3568.6465 | 3836.4731 | 0.0000 | -133.9133 |
| 2586 | 21.3924 | 1889.0958 | -3681.1674 | 3723.9521 | 0.0000 | -21.3924 |
| 2587 | -82.7741 | 1889.0958 | -3785.3339 | 3619.7857 | 0.0000 | 82.7741 |
| 2588 | 53.8918 | 1889.0958 | -3648.6680 | 3756.4516 | 0.0000 | -53.8918 |
| 2589 | -72.0264 | 1889.0958 | -3774.5862 | 3630.5333 | 0.0000 | 72.0264 |
| 2590 | -49.7145 | 1889.0958 | -3752.2743 | 3652.8452 | 0.0000 | 49.7145 |
| 2591 | -146.3377 | 1889.0958 | -3848.8975 | 3556.2221 | 0.0000 | 146.3377 |
| 2592 | -41.7741 | 1889.0958 | -3744.3339 | 3660.7857 | 0.0000 | 41.7741 |
| 2593 | -4.5555 | 1889.0958 | -3707.1153 | 3698.0043 | 0.0000 | 4.5555 |
| 2594 | 86.9920 | 1889.0958 | -3615.5678 | 3789.5518 | 0.0000 | -86.9920 |
| 2595 | -68.4123 | 1889.0958 | -3770.9721 | 3634.1475 | 0.0000 | 68.4123 |
| 2596 | 23.6008 | 1889.0958 | -3678.9590 | 3726.1606 | 0.0000 | -23.6008 |
| 2597 | 211.6285 | 1889.0958 | -3490.9312 | 3914.1883 | 0.0000 | -211.6285 |
| 2598 | 62.3691 | 1889.0958 | -3640.1907 | 3764.9288 | 0.0000 | -62.3691 |
| 2599 | -211.9206 | 1889.0958 | -3914.4804 | 3490.6392 | 0.0000 | 211.9206 |
| 2600 | -172.4963 | 1889.0958 | -3875.0561 | 3530.0635 | 0.0000 | 172.4963 |
| 2601 | 135.1057 | 1889.0958 | -3567.4541 | 3837.6654 | 0.0000 | -135.1057 |
| 2602 | -196.4794 | 1889.0958 | -3899.0392 | 3506.0804 | 0.0000 | 196.4794 |
| 2603 | -134.3337 | 1889.0958 | -3836.8935 | 3568.2261 | 0.0000 | 134.3337 |
| 2604 | 100.6208 | 1889.0958 | -3601.9390 | 3803.1805 | 0.0000 | -100.6208 |
| 2605 | 110.2468 | 1889.0958 | -3592.3130 | 3812.8066 | 0.0000 | -110.2468 |
| 2606 | -41.8609 | 1889.0958 | -3744.4207 | 3660.6989 | 0.0000 | 41.8609 |
| 2607 | -120.1539 | 1889.0958 | -3822.7137 | 3582.4059 | 0.0000 | 120.1539 |
| 2608 | 84.3090 | 1889.0958 | -3618.2508 | 3786.8687 | 0.0000 | -84.3090 |
| 2609 | 17.9342 | 1889.0958 | -3684.6256 | 3720.4939 | 0.0000 | -17.9342 |
| 2610 | -135.1569 | 1889.0958 | -3837.7167 | 3567.4029 | 0.0000 | 135.1569 |
| 2611 | -173.6061 | 1889.0958 | -3876.1659 | 3528.9537 | 0.0000 | 173.6061 |
| 2612 | 33.5065 | 1889.0958 | -3669.0533 | 3736.0663 | 0.0000 | -33.5065 |
| 2613 | 111.9635 | 1889.0958 | -3590.5963 | 3814.5233 | 0.0000 | -111.9635 |
| 2614 | -37.7997 | 1889.0958 | -3740.3595 | 3664.7601 | 0.0000 | 37.7997 |

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

| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
|---|---|---|---|---|---|---|
| 2615 | -223.1694 | 1889.0958 | -3925.7292 | 3479.3904 | 0.0000 | 223.1694 |
| 2616 | 0.0267 | 1889.0958 | -3702.5331 | 3702.5864 | 0.0000 | -0.0267 |
| 2617 | 257.1516 | 1889.0958 | -3445.4082 | 3959.7114 | 15.5071 | -241.6445 |
| 2618 | 161.2529 | 1889.0958 | -3541.3069 | 3863.8127 | 279.2229 | 117.9700 |
| 2619 | 391.4894 | 1889.0958 | -3311.0704 | 4094.0492 | 443.9014 | 52.4120 |
| 2620 | 1106.6404 | 1889.0958 | -2595.9193 | 4809.2002 | 733.2538 | -373.3866 |
| 2621 | 2191.7366 | 1889.0958 | -1510.8232 | 5894.2964 | 1888.4848 | -303.2518 |
| 2622 | 2789.5354 | 1889.0958 | -913.0243 | 6492.0952 | 3272.9043 | 483.3688 |
| 2623 | 3363.2348 | 1889.0958 | -339.3250 | 7065.7946 | 3230.2205 | -133.0143 |
| 2624 | 3800.8867 | 1889.0958 | 98.3269 | 7503.4464 | 2307.6671 | -1493.2195 |
| 2625 | 4107.5656 | 1889.0958 | 405.0058 | 7810.1254 | 2230.9371 | -1876.6284 |
| 2626 | 5142.9780 | 1889.0958 | 1440.4182 | 8845.5378 | 3808.2567 | -1334.7214 |
| 2627 | 7680.0294 | 1889.0958 | 3977.4696 | 11382.5891 | 4838.9967 | -2841.0327 |
| 2628 | 6728.0404 | 1889.0958 | 3025.4806 | 10430.6002 | 7710.2329 | 982.1924 |
| 2629 | 9121.1645 | 1889.0958 | 5418.6047 | 12823.7243 | 11546.1671 | 2425.0026 |
| 2630 | 9996.6944 | 1889.0958 | 6294.1346 | 13699.2542 | 10053.1624 | 56.4680 |
| 2631 | 9937.3643 | 1889.0958 | 6234.8045 | 13639.9241 | 6093.9705 | -3843.3938 |
| 2632 | 3771.7724 | 1889.0958 | 69.2126 | 7474.3322 | 7513.5114 | 3741.7390 |
| 2633 | 9353.6731 | 1889.0958 | 5651.1133 | 13056.2328 | 9578.8595 | 225.1865 |
| 2634 | 9096.0897 | 1889.0958 | 5393.5299 | 12798.6495 | 10442.3310 | 1346.2412 |
| 2635 | 9367.6258 | 1889.0958 | 5665.0660 | 13070.1856 | 11066.2110 | 1698.5852 |
| 2636 | 10927.8081 | 1889.0958 | 7225.2484 | 14630.3679 | 12330.8667 | 1403.0585 |
| 2637 | 6361.5982 | 1889.0958 | 2659.0384 | 10064.1580 | 12728.8210 | 6367.2228 |
| 2638 | 780.5010 | 1889.0958 | -2922.0588 | 4483.0607 | 14260.6595 | 13480.1586 |
| 2639 | 7965.0130 | 1889.0958 | 4262.4532 | 11667.5728 | 14807.3467 | 6842.3337 |
| 2640 | 17736.5137 | 1889.0958 | 14033.9539 | 21439.0735 | 15431.1414 | -2305.3723 |
| 2641 | 14810.3000 | 1889.0958 | 11107.7402 | 18512.8598 | 0.0000 | -14810.3000 |
| 2642 | 3154.5109 | 1889.0958 | -548.0488 | 6857.0707 | 1287.8769 | -1866.6340 |
| 2643 | 7153.0075 | 1889.0958 | 3450.4477 | 10855.5673 | 10503.8933 | 3350.8859 |
| 2644 | 10606.3085 | 1889.0958 | 6903.7488 | 14308.8683 | 12645.2000 | 2038.8915 |
| 2645 | 9766.9547 | 1889.0958 | 6064.3950 | 13469.5145 | 10550.8290 | 783.8743 |
| 2646 | 8371.3111 | 1889.0958 | 4668.7513 | 12073.8709 | 10189.8400 | 1818.5289 |
| 2647 | 12347.0078 | 1889.0958 | 8644.4481 | 16049.5676 | 11460.8533 | -886.1545 |
| 2648 | 15383.3001 | 1889.0958 | 11680.7404 | 19085.8599 | 14075.1800 | -1308.1201 |
| 2649 | 3134.7548 | 1889.0958 | -567.8050 | 6837.3146 | 11098.7200 | 7963.9652 |
| 2650 | 10366.0449 | 1889.0958 | 6663.4851 | 14068.6047 | 10877.1395 | 511.0946 |
| 2651 | 10052.6843 | 1889.0958 | 6350.1245 | 13755.2441 | 7362.4324 | -2690.2519 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **2652** | 4451.6779 | 1889.0958 | 749.1181 | 8154.2377 | 5339.1719 | 887.4940 |
| **2653** | 8929.8293 | 1889.0958 | 5227.2695 | 12632.3890 | 8154.3800 | -775.4493 |
| **2654** | 11227.4102 | 1889.0958 | 7524.8504 | 14929.9700 | 12330.7267 | 1103.3164 |
| **2655** | 6886.9235 | 1889.0958 | 3184.3638 | 10589.4833 | 7258.4086 | 371.4850 |
| **2656** | 6325.0177 | 1889.0958 | 2622.4579 | 10027.5775 | 9340.4710 | 3015.4532 |
| **2657** | 9617.5021 | 1889.0958 | 5914.9424 | 13320.0619 | 6398.1648 | -3219.3374 |
| **2658** | 6166.9729 | 1889.0958 | 2464.4131 | 9869.5326 | 3808.8467 | -2358.1262 |
| **2659** | 5719.9095 | 1889.0958 | 2017.3497 | 9422.4693 | 3779.4324 | -1940.4771 |
| **2660** | 1888.1298 | 1889.0958 | -1814.4300 | 5590.6895 | 2291.6343 | 403.5045 |
| **2661** | 1710.3738 | 1889.0958 | -1992.1860 | 5412.9336 | 2496.5005 | 786.1267 |
| **2662** | 806.2770 | 1889.0958 | -2896.2828 | 4508.8368 | 1981.7300 | 1175.4530 |
| **2663** | 1579.8437 | 1889.0958 | -2122.7161 | 5282.4035 | 1874.9400 | 295.0963 |
| **2664** | 1338.4113 | 1889.0958 | -2364.1485 | 5040.9711 | 1717.7667 | 379.3554 |
| **2665** | 1082.0382 | 1889.0958 | -2620.5216 | 4784.5980 | 1504.8224 | 422.7842 |
| **2666** | 486.6805 | 1889.0958 | -3215.8793 | 4189.2403 | 717.9267 | 231.2462 |
| **2667** | 217.9323 | 1889.0958 | -3484.6274 | 3920.4921 | 188.3019 | -29.6304 |
| **2668** | 161.6110 | 1889.0958 | -3540.9488 | 3864.1708 | 0.0000 | -161.6110 |
| **2669** | 494.2558 | 1889.0958 | -3208.3040 | 4196.8156 | 0.0000 | -494.2558 |
| **2670** | -177.4605 | 1889.0958 | -3880.0203 | 3525.0993 | 0.0000 | 177.4605 |
| **2671** | -491.7230 | 1889.0958 | -4194.2828 | 3210.8367 | 0.0000 | 491.7230 |
| **2672** | -159.0384 | 1889.0958 | -3861.5982 | 3543.5214 | 0.0000 | 159.0384 |
| **2673** | -155.5523 | 1889.0958 | -3858.1121 | 3547.0075 | 0.0000 | 155.5523 |
| **2674** | 259.2118 | 1889.0958 | -3443.3480 | 3961.7716 | 0.0000 | -259.2118 |
| **2675** | 368.3833 | 1889.0958 | -3334.1765 | 4070.9430 | 0.0000 | -368.3833 |
| **2676** | -457.2049 | 1889.0958 | -4159.7647 | 3245.3549 | 0.0000 | 457.2049 |
| **2677** | -193.0897 | 1889.0958 | -3895.6495 | 3509.4701 | 0.0000 | 193.0897 |
| **2678** | -55.6317 | 1889.0958 | -3758.1915 | 3646.9281 | 0.0000 | 55.6317 |
| **2679** | 6.2033 | 1889.0958 | -3696.3565 | 3708.7631 | 0.0000 | -6.2033 |
| **2680** | -77.1988 | 1889.0958 | -3779.7585 | 3625.3610 | 0.0000 | 77.1988 |
| **2681** | 39.6269 | 1889.0958 | -3662.9329 | 3742.1867 | 0.0000 | -39.6269 |
| **2682** | -135.7320 | 1889.0958 | -3838.2918 | 3566.8278 | 0.0000 | 135.7320 |
| **2683** | -10.5953 | 1889.0958 | -3713.1551 | 3691.9644 | 0.0000 | 10.5953 |
| **2684** | -175.9735 | 1889.0958 | -3878.5333 | 3526.5863 | 0.0000 | 175.9735 |
| **2685** | 37.6670 | 1889.0958 | -3664.8928 | 3740.2268 | 0.0000 | -37.6670 |
| **2686** | -97.1372 | 1889.0958 | -3799.6970 | 3605.4226 | 0.0000 | 97.1372 |
| **2687** | 14.8129 | 1889.0958 | -3687.7468 | 3717.3727 | 0.0000 | -14.8129 |
| **2688** | -75.9672 | 1889.0958 | -3778.5270 | 3626.5925 | 0.0000 | 75.9672 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 2689 | -104.1584 | 1889.0958 | -3806.7182 | 3598.4014 | 0.0000 | 104.1584 |
| 2690 | -191.7336 | 1889.0958 | -3894.2933 | 3510.8262 | 0.0000 | 191.7336 |
| 2691 | 106.5037 | 1889.0958 | -3596.0561 | 3809.0635 | 0.0000 | -106.5037 |
| 2692 | 6.9498 | 1889.0958 | -3695.6099 | 3709.5096 | 0.0000 | -6.9498 |
| 2693 | -424.1569 | 1889.0958 | -4126.7166 | 3278.4029 | 0.0000 | 424.1569 |
| 2694 | -297.8218 | 1889.0958 | -4000.3816 | 3404.7379 | 0.0000 | 297.8218 |
| 2695 | -96.5113 | 1889.0958 | -3799.0711 | 3606.0484 | 0.0000 | 96.5113 |
| 2696 | 60.1596 | 1889.0958 | -3642.4002 | 3762.7194 | 0.0000 | -60.1596 |
| 2697 | -178.0307 | 1889.0958 | -3880.5905 | 3524.5291 | 0.0000 | 178.0307 |
| 2698 | 125.6170 | 1889.0958 | -3576.9428 | 3828.1768 | 0.0000 | -125.6170 |
| 2699 | -32.6779 | 1889.0958 | -3735.2377 | 3669.8819 | 0.0000 | 32.6779 |
| 2700 | -121.9022 | 1889.0958 | -3824.4620 | 3580.6576 | 0.0000 | 121.9022 |
| 2701 | -64.5677 | 1889.0958 | -3767.1275 | 3637.9920 | 0.0000 | 64.5677 |
| 2702 | -217.9836 | 1889.0958 | -3920.5434 | 3484.5762 | 0.0000 | 217.9836 |
| 2703 | -60.2302 | 1889.0958 | -3762.7900 | 3642.3296 | 0.0000 | 60.2302 |
| 2704 | -127.6464 | 1889.0958 | -3830.2062 | 3574.9134 | 0.0000 | 127.6464 |
| 2705 | -109.3082 | 1889.0958 | -3811.8680 | 3593.2516 | 0.0000 | 109.3082 |
| 2706 | -36.0494 | 1889.0958 | -3738.6091 | 3666.5104 | 0.0000 | 36.0494 |
| 2707 | -105.1477 | 1889.0958 | -3807.7075 | 3597.4120 | 0.0000 | 105.1477 |
| 2708 | -73.6160 | 1889.0958 | -3776.1758 | 3628.9438 | 0.0000 | 73.6160 |
| 2709 | 17.2476 | 1889.0958 | -3685.3122 | 3719.8074 | 0.0000 | -17.2476 |
| 2710 | -51.7313 | 1889.0958 | -3754.2911 | 3650.8285 | 0.0000 | 51.7313 |
| 2711 | 62.7225 | 1889.0958 | -3639.8373 | 3765.2823 | 0.0000 | -62.7225 |
| 2712 | -151.8567 | 1889.0958 | -3854.4165 | 3550.7031 | 0.0000 | 151.8567 |
| 2713 | -167.2192 | 1889.0958 | -3869.7790 | 3535.3406 | 17.6595 | 184.8787 |
| 2714 | 498.1154 | 1889.0958 | -3204.4444 | 4200.6752 | 398.9248 | -99.1907 |
| 2715 | 1026.4229 | 1889.0958 | -2676.1369 | 4728.9827 | 998.8633 | -27.5596 |
| 2716 | 1440.6503 | 1889.0958 | -2261.9095 | 5143.2100 | 2077.3800 | 636.7297 |
| 2717 | 2371.7540 | 1889.0958 | -1330.8058 | 6074.3138 | 2764.2705 | 392.5165 |
| 2718 | 3665.1134 | 1889.0958 | -37.4464 | 7367.6732 | 3601.5576 | -63.5558 |
| 2719 | 4157.5097 | 1889.0958 | 454.9499 | 7860.0695 | 4300.0524 | 142.5427 |
| 2720 | 4178.6665 | 1889.0958 | 476.1067 | 7881.2263 | 5597.9324 | 1419.2659 |
| 2721 | 4503.3551 | 1889.0958 | 800.7954 | 8205.9149 | 5011.7067 | 508.3515 |
| 2722 | 5460.5642 | 1889.0958 | 1758.0044 | 9163.1240 | 5412.8310 | -47.7332 |
| 2723 | 6028.3134 | 1889.0958 | 2325.7537 | 9730.8732 | 6603.1576 | 574.8442 |
| 2724 | 6866.5166 | 1889.0958 | 3163.9568 | 10569.0764 | 3931.3529 | -2935.1637 |
| 2725 | 9485.9787 | 1889.0958 | 5783.4189 | 13188.5385 | 9887.3162 | 401.3375 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 2726 | 8968.3067 | 1889.0958 | 5265.7469 | 12670.8665 | 7929.8000 | -1038.5067 |
| 2727 | 8864.7302 | 1889.0958 | 5162.1704 | 12567.2900 | 13216.7319 | 4352.0017 |
| 2728 | 10721.2887 | 1889.0958 | 7018.7289 | 14423.8485 | 9428.9571 | -1292.3315 |
| 2729 | 8736.8261 | 1889.0958 | 5034.2663 | 12439.3858 | 7833.0667 | -903.7594 |
| 2730 | 7643.8053 | 1889.0958 | 3941.2455 | 11346.3650 | 5393.1424 | -2250.6629 |
| 2731 | 6683.0850 | 1889.0958 | 2980.5252 | 10385.6448 | 5287.3624 | -1395.7226 |
| 2732 | 8439.5193 | 1889.0958 | 4736.9595 | 12142.0791 | 6841.2867 | -1598.2326 |
| 2733 | 10592.8177 | 1889.0958 | 6890.2579 | 14295.3774 | 12521.5519 | 1928.7343 |
| 2734 | 15016.7130 | 1889.0958 | 11314.1532 | 18719.2728 | 16371.9581 | 1355.2451 |
| 2735 | 14879.4007 | 1889.0958 | 11176.8409 | 18581.9605 | 15199.8600 | 320.4593 |
| 2736 | 11841.5916 | 1889.0958 | 8139.0318 | 15544.1514 | 12837.9005 | 996.3089 |
| 2737 | -1855.9062 | 1889.0958 | -5558.4660 | 1846.6536 | 13577.3695 | 15433.2757 |
| 2738 | 13190.0775 | 1889.0958 | 9487.5177 | 16892.6372 | 13020.3638 | -169.7136 |
| 2739 | 15968.9360 | 1889.0958 | 12266.3762 | 19671.4958 | 12793.0410 | -3175.8951 |
| 2740 | 15766.6319 | 1889.0958 | 12064.0721 | 19469.1917 | 10207.4467 | -5559.1853 |
| 2741 | 9674.1599 | 1889.0958 | 5971.6001 | 13376.7197 | 3078.3519 | -6595.8080 |
| 2742 | 8946.9953 | 1889.0958 | 5244.4355 | 12649.5551 | 12918.1271 | 3971.1318 |
| 2743 | 14718.2786 | 1889.0958 | 11015.7188 | 18420.8383 | 12039.7348 | -2678.5438 |
| 2744 | 9569.5758 | 1889.0958 | 5867.0161 | 13272.1356 | 11235.1262 | 1665.5503 |
| 2745 | 12168.2156 | 1889.0958 | 8465.6558 | 15870.7754 | 16007.4067 | 3839.1911 |
| 2746 | 14120.7783 | 1889.0958 | 10418.2185 | 17823.3381 | 13556.5267 | -564.2516 |
| 2747 | 10758.4992 | 1889.0958 | 7055.9394 | 14461.0590 | 10563.7095 | -194.7896 |
| 2748 | 8587.1000 | 1889.0958 | 4884.5402 | 12289.6598 | 10908.9776 | 2321.8776 |
| 2749 | 12340.6155 | 1889.0958 | 8638.0557 | 16043.1753 | 14563.5848 | 2222.9693 |
| 2750 | 14446.0496 | 1889.0958 | 10743.4898 | 18148.6094 | 12973.9571 | -1472.0925 |
| 2751 | 11653.0597 | 1889.0958 | 7950.4999 | 15355.6195 | 14088.1667 | 2435.1069 |
| 2752 | 13903.6238 | 1889.0958 | 10201.0641 | 17606.1836 | 11402.7110 | -2500.9129 |
| 2753 | 8635.3474 | 1889.0958 | 4932.7876 | 12337.9071 | 9495.7610 | 860.4136 |
| 2754 | 5904.2014 | 1889.0958 | 2201.6416 | 9606.7612 | 5105.7824 | -798.4190 |
| 2755 | 4562.3696 | 1889.0958 | 859.8098 | 8264.9294 | 5026.1724 | 463.8028 |
| 2756 | 4892.0982 | 1889.0958 | 1189.5384 | 8594.6580 | 6001.1467 | 1109.0484 |
| 2757 | 5254.3520 | 1889.0958 | 1551.7922 | 8956.9118 | 5403.9852 | 149.6333 |
| 2758 | 4785.9173 | 1889.0958 | 1083.3575 | 8488.4771 | 5451.6124 | 665.6951 |
| 2759 | 3850.1484 | 1889.0958 | 147.5886 | 7552.7082 | 3702.9624 | -147.1860 |
| 2760 | 2397.5008 | 1889.0958 | -1305.0590 | 6100.0606 | 2193.6190 | -203.8817 |
| 2761 | 1856.2679 | 1889.0958 | -1846.2919 | 5558.8277 | 1445.2000 | -411.0679 |
| 2762 | 1401.3915 | 1889.0958 | -2301.1683 | 5103.9513 | 1956.4557 | 555.0642 |

| | Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **2763** | 1044.1170 | 1889.0958 | -2658.4428 | 4746.6768 | 681.2386 | -362.8784 |
| **2764** | 18.8675 | 1889.0958 | -3683.6923 | 3721.4273 | 41.8600 | 22.9925 |
| **2765** | -24.0945 | 1889.0958 | -3726.6542 | 3678.4653 | 0.0000 | 24.0945 |
| **2766** | 180.8987 | 1889.0958 | -3521.6611 | 3883.4584 | 0.0000 | -180.8987 |
| **2767** | 588.2444 | 1889.0958 | -3114.3154 | 4290.8041 | 0.0000 | -588.2444 |
| **2768** | -165.0488 | 1889.0958 | -3867.6085 | 3537.5110 | 0.0000 | 165.0488 |
| **2769** | 75.8529 | 1889.0958 | -3626.7069 | 3778.4127 | 0.0000 | -75.8529 |
| **2770** | -234.4128 | 1889.0958 | -3936.9726 | 3468.1470 | 0.0000 | 234.4128 |
| **2771** | -131.7909 | 1889.0958 | -3834.3507 | 3570.7689 | 0.0000 | 131.7909 |
| **2772** | 484.7308 | 1889.0958 | -3217.8290 | 4187.2906 | 0.0000 | -484.7308 |
| **2773** | -247.5680 | 1889.0958 | -3950.1278 | 3454.9917 | 0.0000 | 247.5680 |
| **2774** | -52.4292 | 1889.0958 | -3754.9890 | 3650.1306 | 0.0000 | 52.4292 |
| **2775** | 162.7243 | 1889.0958 | -3539.8355 | 3865.2841 | 0.0000 | -162.7243 |
| **2776** | -192.5075 | 1889.0958 | -3895.0673 | 3510.0523 | 0.0000 | 192.5075 |
| **2777** | -174.1638 | 1889.0958 | -3876.7236 | 3528.3960 | 0.0000 | 174.1638 |
| **2778** | -40.6318 | 1889.0958 | -3743.1916 | 3661.9280 | 0.0000 | 40.6318 |
| **2779** | -45.8006 | 1889.0958 | -3748.3603 | 3656.7592 | 0.0000 | 45.8006 |
| **2780** | -137.6859 | 1889.0958 | -3840.2457 | 3564.8739 | 0.0000 | 137.6859 |
| **2781** | -202.0404 | 1889.0958 | -3904.6002 | 3500.5193 | 0.0000 | 202.0404 |
| **2782** | 67.8220 | 1889.0958 | -3634.7378 | 3770.3817 | 0.0000 | -67.8220 |
| **2783** | 91.5479 | 1889.0958 | -3611.0119 | 3794.1077 | 0.0000 | -91.5479 |
| **2784** | -83.6747 | 1889.0958 | -3786.2345 | 3618.8851 | 0.0000 | 83.6747 |
| **2785** | -3.4738 | 1889.0958 | -3706.0336 | 3699.0860 | 0.0000 | 3.4738 |
| **2786** | -71.5595 | 1889.0958 | -3774.1193 | 3631.0002 | 0.0000 | 71.5595 |
| **2787** | -206.6950 | 1889.0958 | -3909.2548 | 3495.8648 | 0.0000 | 206.6950 |
| **2788** | -115.7119 | 1889.0958 | -3818.2717 | 3586.8479 | 0.0000 | 115.7119 |
| **2789** | 233.8475 | 1889.0958 | -3468.7123 | 3936.4073 | 0.0000 | -233.8475 |
| **2790** | 254.2096 | 1889.0958 | -3448.3502 | 3956.7694 | 0.0000 | -254.2096 |
| **2791** | 123.9370 | 1889.0958 | -3578.6228 | 3826.4967 | 0.0000 | -123.9370 |
| **2792** | 56.3073 | 1889.0958 | -3646.2525 | 3758.8671 | 0.0000 | -56.3073 |
| **2793** | 35.4351 | 1889.0958 | -3667.1247 | 3737.9949 | 0.0000 | -35.4351 |
| **2794** | 157.2138 | 1889.0958 | -3545.3460 | 3859.7736 | 0.0000 | -157.2138 |
| **2795** | 124.7352 | 1889.0958 | -3577.8246 | 3827.2950 | 0.0000 | -124.7352 |
| **2796** | -88.6296 | 1889.0958 | -3791.1894 | 3613.9302 | 0.0000 | 88.6296 |
| **2797** | -85.9995 | 1889.0958 | -3788.5593 | 3616.5603 | 0.0000 | 85.9995 |
| **2798** | 69.2500 | 1889.0958 | -3633.3098 | 3771.8098 | 0.0000 | -69.2500 |
| **2799** | 6.7820 | 1889.0958 | -3695.7778 | 3709.3418 | 0.0000 | -6.7820 |

| | Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 2800 | -21.1975 | 1889.0958 | -3723.7573 | 3681.3623 | 0.0000 | 21.1975 |
| 2801 | -6.8866 | 1889.0958 | -3709.4464 | 3695.6732 | 0.0000 | 6.8866 |
| 2802 | 28.1352 | 1889.0958 | -3674.4246 | 3730.6950 | 0.0000 | -28.1352 |
| 2803 | -112.5971 | 1889.0958 | -3815.1569 | 3589.9627 | 0.0000 | 112.5971 |
| 2804 | -71.7376 | 1889.0958 | -3774.2974 | 3630.8221 | 0.0000 | 71.7376 |
| 2805 | -228.4256 | 1889.0958 | -3930.9853 | 3474.1342 | 0.0000 | 228.4256 |
| 2806 | -114.0856 | 1889.0958 | -3816.6454 | 3588.4742 | 0.0000 | 114.0856 |
| 2807 | 58.1749 | 1889.0958 | -3644.3849 | 3760.7347 | 0.0000 | -58.1749 |
| 2808 | 143.2624 | 1889.0958 | -3559.2974 | 3845.8222 | 0.0000 | -143.2624 |
| 2809 | 91.1603 | 1889.0958 | -3611.3995 | 3793.7200 | 56.7452 | -34.4150 |
| 2810 | 636.1311 | 1889.0958 | -3066.4286 | 4338.6909 | 875.8800 | 239.7489 |
| 2811 | 1316.1056 | 1889.0958 | -2386.4542 | 5018.6654 | 1520.5695 | 204.4639 |
| 2812 | 2527.4181 | 1889.0958 | -1175.1417 | 6229.9779 | 2379.3986 | -148.0195 |
| 2813 | 3814.9999 | 1889.0958 | 112.4401 | 7517.5596 | 4134.1333 | 319.1335 |
| 2814 | 3959.5388 | 1889.0958 | 256.9790 | 7662.0986 | 3907.0633 | -52.4755 |
| 2815 | 6437.6479 | 1889.0958 | 2735.0881 | 10140.2076 | 7322.0833 | 884.4355 |
| 2816 | 6604.3290 | 1889.0958 | 2901.7692 | 10306.8888 | 6080.0643 | -524.2647 |
| 2817 | 6768.6977 | 1889.0958 | 3066.1379 | 10471.2575 | 7939.0357 | 1170.3380 |
| 2818 | 8581.4459 | 1889.0958 | 4878.8861 | 12284.0057 | 9365.0324 | 783.5865 |
| 2819 | 8255.9757 | 1889.0958 | 4553.4159 | 11958.5355 | 7718.3600 | -537.6157 |
| 2820 | 8773.6482 | 1889.0958 | 5071.0885 | 12476.2080 | 12153.6771 | 3380.0289 |
| 2821 | 14528.8437 | 1889.0958 | 10826.2839 | 18231.4035 | 13477.8210 | -1051.0228 |
| 2822 | 8242.0072 | 1889.0958 | 4539.4474 | 11944.5669 | 7758.3781 | -483.6291 |
| 2823 | 14293.9534 | 1889.0958 | 10591.3937 | 17996.5132 | 13610.4043 | -683.5492 |
| 2824 | 14304.9432 | 1889.0958 | 10602.3834 | 18007.5030 | 5864.7400 | -8440.2032 |
| 2825 | 6646.5532 | 1889.0958 | 2943.9934 | 10349.1129 | 10282.4886 | 3635.9354 |
| 2826 | 9918.9786 | 1889.0958 | 6216.4188 | 13621.5384 | 12577.2438 | 2658.2652 |
| 2827 | 15377.7488 | 1889.0958 | 11675.1891 | 19080.3086 | 3506.0900 | -11871.6588 |
| 2828 | 2447.3107 | 1889.0958 | -1255.2491 | 6149.8705 | 0.0000 | -2447.3107 |
| 2829 | 12098.7939 | 1889.0958 | 8396.2341 | 15801.3537 | 7473.6867 | -4625.1073 |
| 2830 | 12085.8902 | 1889.0958 | 8383.3304 | 15788.4499 | 10710.0867 | -1375.8035 |
| 2831 | 12731.5959 | 1889.0958 | 9029.0361 | 16434.1557 | 10043.4148 | -2688.1812 |
| 2832 | 10677.1788 | 1889.0958 | 6974.6191 | 14379.7386 | 10893.5538 | 216.3750 |
| 2833 | 13626.0538 | 1889.0958 | 9923.4940 | 17328.6136 | 12727.1062 | -898.9476 |
| 2834 | 16600.5215 | 1889.0958 | 12897.9617 | 20303.0813 | 15280.3133 | -1320.2082 |
| 2835 | 17637.6307 | 1889.0958 | 13935.0709 | 21340.1905 | 15102.3962 | -2535.2345 |
| 2836 | 6834.4325 | 1889.0958 | 3131.8727 | 10536.9923 | 10264.1105 | 3429.6779 |

| Forecasts for variable AC_POWER |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | \multicolumn{2}{c}{95% Confidence Limits} | Actual | Residual |
| 2837 | 8889.3451 | 1889.0958 | 5186.7853 | 12591.9049 | 13966.1586 | 5076.8135 |
| 2838 | 17361.6799 | 1889.0958 | 13659.1202 | 21064.2397 | 12035.4424 | -5326.2376 |
| 2839 | 12629.2642 | 1889.0958 | 8926.7045 | 16331.8240 | 12264.2400 | -365.0242 |
| 2840 | 8202.2506 | 1889.0958 | 4499.6908 | 11904.8104 | 5923.2281 | -2279.0225 |
| 2841 | 16004.3242 | 1889.0958 | 12301.7644 | 19706.8840 | 13095.1500 | -2909.1742 |
| 2842 | 10943.4289 | 1889.0958 | 7240.8691 | 14645.9887 | 10979.8352 | 36.4063 |
| 2843 | 14747.9632 | 1889.0958 | 11045.4034 | 18450.5229 | 18154.3733 | 3406.4102 |
| 2844 | 11268.6717 | 1889.0958 | 7566.1119 | 14971.2315 | 8666.5700 | -2602.1017 |
| 2845 | 12592.2544 | 1889.0958 | 8889.6946 | 16294.8142 | 12510.5329 | -81.7216 |
| 2846 | 13894.1821 | 1889.0958 | 10191.6223 | 17596.7419 | 15353.4548 | 1459.2727 |
| 2847 | 14501.1587 | 1889.0958 | 10798.5989 | 18203.7185 | 14974.6819 | 473.5232 |
| 2848 | 13402.4595 | 1889.0958 | 9699.8997 | 17105.0193 | 14478.4867 | 1076.0272 |
| 2849 | 9021.6605 | 1889.0958 | 5319.1008 | 12724.2203 | 9314.8738 | 293.2133 |
| 2850 | 9307.7678 | 1889.0958 | 5605.2080 | 13010.3276 | 13120.1005 | 3812.3326 |
| 2851 | 9582.1670 | 1889.0958 | 5879.6072 | 13284.7267 | 9050.4800 | -531.6870 |
| 2852 | 9703.1592 | 1889.0958 | 6000.5994 | 13405.7190 | 10085.8895 | 382.7303 |
| 2853 | 9118.8162 | 1889.0958 | 5416.2564 | 12821.3760 | 10614.0948 | 1495.2785 |
| 2854 | 7670.5584 | 1889.0958 | 3967.9986 | 11373.1181 | 6014.2705 | -1656.2879 |
| 2855 | 4442.5134 | 1889.0958 | 739.9536 | 8145.0732 | 4274.7733 | -167.7400 |
| 2856 | 3217.8964 | 1889.0958 | -484.6634 | 6920.4562 | 2870.1971 | -347.6993 |
| 2857 | 2876.1218 | 1889.0958 | -826.4380 | 6578.6815 | 2630.4543 | -245.6675 |
| 2858 | 2502.7659 | 1889.0958 | -1199.7939 | 6205.3257 | 1476.1948 | -1026.5711 |
| 2859 | 247.4779 | 1889.0958 | -3455.0819 | 3950.0377 | 598.5614 | 351.0835 |
| 2860 | 312.6602 | 1889.0958 | -3389.8996 | 4015.2199 | 31.8438 | -280.8164 |
| 2861 | 139.5220 | 1889.0958 | -3563.0378 | 3842.0818 | 0.0000 | -139.5220 |
| 2862 | 95.6193 | 1889.0958 | -3606.9405 | 3798.1791 | 0.0000 | -95.6193 |
| 2863 | -46.7518 | 1889.0958 | -3749.3116 | 3655.8080 | 0.0000 | 46.7518 |
| 2864 | 112.8921 | 1889.0958 | -3589.6676 | 3815.4519 | 0.0000 | -112.8921 |
| 2865 | 67.7313 | 1889.0958 | -3634.8285 | 3770.2911 | 0.0000 | -67.7313 |
| 2866 | -142.3280 | 1889.0958 | -3844.8878 | 3560.2318 | 0.0000 | 142.3280 |
| 2867 | -449.1662 | 1889.0958 | -4151.7260 | 3253.3936 | 0.0000 | 449.1662 |
| 2868 | 454.8086 | 1889.0958 | -3247.7512 | 4157.3684 | 0.0000 | -454.8086 |
| 2869 | 670.3716 | 1889.0958 | -3032.1882 | 4372.9314 | 0.0000 | -670.3716 |
| 2870 | 169.3934 | 1889.0958 | -3533.1664 | 3871.9532 | 0.0000 | -169.3934 |
| 2871 | -247.2550 | 1889.0958 | -3949.8148 | 3455.3048 | 0.0000 | 247.2550 |
| 2872 | 342.3722 | 1889.0958 | -3360.1875 | 4044.9320 | 0.0000 | -342.3722 |
| 2873 | 31.1938 | 1889.0958 | -3671.3660 | 3733.7536 | 0.0000 | -31.1938 |

| | | | | | | |
|---|---|---|---|---|---|---|
| **Forecasts for variable AC_POWER** | | | | | | |
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **2874** | -60.6674 | 1889.0958 | -3763.2272 | 3641.8924 | 0.0000 | 60.6674 |
| **2875** | 106.9013 | 1889.0958 | -3595.6585 | 3809.4611 | 0.0000 | -106.9013 |
| **2876** | 382.8779 | 1889.0958 | -3319.6819 | 4085.4377 | 0.0000 | -382.8779 |
| **2877** | 334.3756 | 1889.0958 | -3368.1842 | 4036.9354 | 0.0000 | -334.3756 |
| **2878** | -11.1271 | 1889.0958 | -3713.6869 | 3691.4326 | 0.0000 | 11.1271 |
| **2879** | -50.5827 | 1889.0958 | -3753.1425 | 3651.9771 | 0.0000 | 50.5827 |
| **2880** | 285.3643 | 1889.0958 | -3417.1955 | 3987.9241 | 0.0000 | -285.3643 |
| **2881** | 236.1124 | 1889.0958 | -3466.4474 | 3938.6722 | 0.0000 | -236.1124 |
| **2882** | 25.6578 | 1889.0958 | -3676.9020 | 3728.2176 | 0.0000 | -25.6578 |
| **2883** | -50.2217 | 1889.0958 | -3752.7815 | 3652.3381 | 0.0000 | 50.2217 |
| **2884** | 82.1938 | 1889.0958 | -3620.3660 | 3784.7536 | 0.0000 | -82.1938 |
| **2885** | 59.6707 | 1889.0958 | -3642.8891 | 3762.2305 | 0.0000 | -59.6707 |
| **2886** | -53.3364 | 1889.0958 | -3755.8962 | 3649.2234 | 0.0000 | 53.3364 |
| **2887** | 210.9418 | 1889.0958 | -3491.6180 | 3913.5016 | 0.0000 | -210.9418 |
| **2888** | 67.7702 | 1889.0958 | -3634.7896 | 3770.3300 | 0.0000 | -67.7702 |
| **2889** | 77.3129 | 1889.0958 | -3625.2468 | 3779.8727 | 0.0000 | -77.3129 |
| **2890** | -63.1489 | 1889.0958 | -3765.7087 | 3639.4109 | 0.0000 | 63.1489 |
| **2891** | 102.2679 | 1889.0958 | -3600.2919 | 3804.8276 | 0.0000 | -102.2679 |
| **2892** | 169.7068 | 1889.0958 | -3532.8529 | 3872.2666 | 0.0000 | -169.7068 |
| **2893** | -8.2237 | 1889.0958 | -3710.7835 | 3694.3361 | 0.0000 | 8.2237 |
| **2894** | 224.3336 | 1889.0958 | -3478.2262 | 3926.8934 | 0.0000 | -224.3336 |
| **2895** | 166.7750 | 1889.0958 | -3535.7848 | 3869.3348 | 0.0000 | -166.7750 |
| **2896** | 123.3008 | 1889.0958 | -3579.2590 | 3825.8605 | 0.0000 | -123.3008 |
| **2897** | 105.4939 | 1889.0958 | -3597.0659 | 3808.0537 | 0.0000 | -105.4939 |
| **2898** | 62.5925 | 1889.0958 | -3639.9673 | 3765.1523 | 0.0000 | -62.5925 |
| **2899** | 221.7725 | 1889.0958 | -3480.7873 | 3924.3323 | 0.0000 | -221.7725 |
| **2900** | 76.0646 | 1889.0958 | -3626.4952 | 3778.6244 | 0.0000 | -76.0646 |
| **2901** | 62.8165 | 1889.0958 | -3639.7433 | 3765.3763 | 0.0000 | -62.8165 |
| **2902** | 108.6245 | 1889.0958 | -3593.9353 | 3811.1843 | 0.0000 | -108.6245 |
| **2903** | 28.0602 | 1889.0958 | -3674.4996 | 3730.6200 | 0.0000 | -28.0602 |
| **2904** | 85.2619 | 1889.0958 | -3617.2979 | 3787.8216 | 0.0000 | -85.2619 |
| **2905** | 306.2787 | 1889.0958 | -3396.2811 | 4008.8385 | 295.8190 | -10.4597 |
| **2906** | 1183.9885 | 1889.0958 | -2518.5713 | 4886.5482 | 998.5333 | -185.4551 |
| **2907** | 1925.3269 | 1889.0958 | -1777.2329 | 5627.8867 | 2058.3338 | 133.0069 |
| **2908** | 2925.1343 | 1889.0958 | -777.4255 | 6627.6941 | 3471.6390 | 546.5047 |
| **2909** | 5174.0092 | 1889.0958 | 1471.4494 | 8876.5690 | 5000.2581 | -173.7511 |
| **2910** | 5892.7293 | 1889.0958 | 2190.1695 | 9595.2891 | 6375.4867 | 482.7574 |

| | Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 2911 | 8333.8423 | 1889.0958 | 4631.2825 | 12036.4021 | 7954.5348 | -379.3075 |
| 2912 | 9488.1790 | 1889.0958 | 5785.6192 | 13190.7388 | 9879.9748 | 391.7958 |
| 2913 | 9264.9893 | 1889.0958 | 5562.4295 | 12967.5491 | 9943.5210 | 678.5317 |
| 2914 | 9615.5183 | 1889.0958 | 5912.9585 | 13318.0781 | 7710.5224 | -1904.9959 |
| 2915 | 10205.3337 | 1889.0958 | 6502.7739 | 13907.8935 | 11488.0429 | 1282.7091 |
| 2916 | 11945.9788 | 1889.0958 | 8243.4190 | 15648.5386 | 9430.0333 | -2515.9454 |
| 2917 | 15072.2651 | 1889.0958 | 11369.7053 | 18774.8249 | 14985.1933 | -87.0718 |
| 2918 | 11572.5647 | 1889.0958 | 7870.0049 | 15275.1245 | 10814.3271 | -758.2376 |
| 2919 | 12232.7979 | 1889.0958 | 8530.2381 | 15935.3577 | 11403.4429 | -829.3551 |
| 2920 | 2132.9227 | 1889.0958 | -1569.6371 | 5835.4825 | 10623.3000 | 8490.3773 |
| 2921 | 15423.2469 | 1889.0958 | 11720.6871 | 19125.8067 | 12226.2752 | -3196.9717 |
| 2922 | 17781.5237 | 1889.0958 | 14078.9639 | 21484.0835 | 14106.5343 | -3674.9894 |
| 2923 | 3571.2374 | 1889.0958 | -131.3224 | 7273.7972 | 14519.2148 | 10947.9773 |
| 2924 | 9041.4024 | 1889.0958 | 5338.8427 | 12743.9622 | 10018.7905 | 977.3880 |
| 2925 | 12180.3402 | 1889.0958 | 8477.7804 | 15882.9000 | 14896.8600 | 2716.5198 |
| 2926 | 16825.6083 | 1889.0958 | 13123.0485 | 20528.1681 | 13378.1924 | -3447.4159 |
| 2927 | 13375.2665 | 1889.0958 | 9672.7068 | 17077.8263 | 12859.9305 | -515.3361 |
| 2928 | 10271.4922 | 1889.0958 | 6568.9324 | 13974.0520 | 11474.6871 | 1203.1949 |
| 2929 | 14082.9096 | 1889.0958 | 10380.3498 | 17785.4694 | 11908.5571 | -2174.3525 |
| 2930 | 15139.1153 | 1889.0958 | 11436.5555 | 18841.6751 | 16330.5348 | 1191.4195 |
| 2931 | 16310.9951 | 1889.0958 | 12608.4353 | 20013.5549 | 16859.9838 | 548.9887 |
| 2932 | 15092.2861 | 1889.0958 | 11389.7263 | 18794.8459 | 15244.7910 | 152.5048 |
| 2933 | 15905.2383 | 1889.0958 | 12202.6785 | 19607.7981 | 13791.4819 | -2113.7564 |
| 2934 | 15953.9615 | 1889.0958 | 12251.4017 | 19656.5212 | 14602.3262 | -1351.6353 |
| 2935 | 12736.0232 | 1889.0958 | 9033.4634 | 16438.5830 | 13068.2467 | 332.2234 |
| 2936 | 13037.9599 | 1889.0958 | 9335.4001 | 16740.5197 | 12894.1681 | -143.7918 |
| 2937 | 15087.7944 | 1889.0958 | 11385.2346 | 18790.3542 | 13917.1962 | -1170.5982 |
| 2938 | 10325.0037 | 1889.0958 | 6622.4439 | 14027.5635 | 9066.3867 | -1258.6171 |
| 2939 | 10749.1065 | 1889.0958 | 7046.5467 | 14451.6663 | 10770.5676 | 21.4611 |
| 2940 | 13073.0114 | 1889.0958 | 9370.4516 | 16775.5712 | 18109.9533 | 5036.9420 |
| 2941 | 13183.7491 | 1889.0958 | 9481.1893 | 16886.3089 | 11234.6924 | -1949.0567 |
| 2942 | 9729.0937 | 1889.0958 | 6026.5339 | 13431.6535 | 6197.9714 | -3531.1222 |
| 2943 | 13455.8047 | 1889.0958 | 9753.2449 | 17158.3645 | 14250.8067 | 795.0020 |
| 2944 | 14418.2647 | 1889.0958 | 10715.7049 | 18120.8245 | 16914.0952 | 2495.8305 |
| 2945 | 12690.8436 | 1889.0958 | 8988.2838 | 16393.4034 | 9888.6933 | -2802.1503 |
| 2946 | 8429.1568 | 1889.0958 | 4726.5970 | 12131.7166 | 6593.9590 | -1835.1977 |
| 2947 | 7774.5853 | 1889.0958 | 4072.0255 | 11477.1451 | 10440.9352 | 2666.3499 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 2948 | 7387.6272 | 1889.0958 | 3685.0674 | 11090.1869 | 5770.5371 | -1617.0900 |
| 2949 | 6786.0334 | 1889.0958 | 3083.4736 | 10488.5932 | 5762.7633 | -1023.2701 |
| 2950 | 3520.4244 | 1889.0958 | -182.1354 | 7222.9842 | 4738.7838 | 1218.3594 |
| 2951 | 2846.6991 | 1889.0958 | -855.8607 | 6549.2589 | 3605.6919 | 758.9928 |
| 2952 | 2519.6738 | 1889.0958 | -1182.8859 | 6222.2336 | 3268.2133 | 748.5395 |
| 2953 | 2118.6938 | 1889.0958 | -1583.8660 | 5821.2536 | 2180.0567 | 61.3629 |
| 2954 | 1310.1890 | 1889.0958 | -2392.3708 | 5012.7487 | 1271.1267 | -39.0623 |
| 2955 | 839.0273 | 1889.0958 | -2863.5325 | 4541.5871 | 477.5367 | -361.4906 |
| 2956 | -78.4682 | 1889.0958 | -3781.0279 | 3624.0916 | 0.0000 | 78.4682 |
| 2957 | -14.9698 | 1889.0958 | -3717.5296 | 3687.5900 | 0.0000 | 14.9698 |
| 2958 | 173.9719 | 1889.0958 | -3528.5878 | 3876.5317 | 0.0000 | -173.9719 |
| 2959 | 75.7780 | 1889.0958 | -3626.7818 | 3778.3378 | 0.0000 | -75.7780 |
| 2960 | 15.0999 | 1889.0958 | -3687.4599 | 3717.6597 | 0.0000 | -15.0999 |
| 2961 | -38.4873 | 1889.0958 | -3741.0471 | 3664.0725 | 0.0000 | 38.4873 |
| 2962 | 166.9405 | 1889.0958 | -3535.6192 | 3869.5003 | 0.0000 | -166.9405 |
| 2963 | 49.0741 | 1889.0958 | -3653.4857 | 3751.6339 | 0.0000 | -49.0741 |
| 2964 | -626.2326 | 1889.0958 | -4328.7924 | 3076.3271 | 0.0000 | 626.2326 |
| 2965 | -64.4775 | 1889.0958 | -3767.0373 | 3638.0822 | 0.0000 | 64.4775 |
| 2966 | -90.6079 | 1889.0958 | -3793.1677 | 3611.9519 | 0.0000 | 90.6079 |
| 2967 | 333.0555 | 1889.0958 | -3369.5043 | 4035.6153 | 0.0000 | -333.0555 |
| 2968 | -117.4176 | 1889.0958 | -3819.9774 | 3585.1422 | 0.0000 | 117.4176 |
| 2969 | 102.3132 | 1889.0958 | -3600.2465 | 3804.8730 | 0.0000 | -102.3132 |
| 2970 | 148.1835 | 1889.0958 | -3554.3763 | 3850.7433 | 0.0000 | -148.1835 |
| 2971 | -36.2219 | 1889.0958 | -3738.7817 | 3666.3379 | 0.0000 | 36.2219 |
| 2972 | -105.9962 | 1889.0958 | -3808.5560 | 3596.5636 | 0.0000 | 105.9962 |
| 2973 | -102.0839 | 1889.0958 | -3804.6436 | 3600.4759 | 0.0000 | 102.0839 |
| 2974 | 79.2487 | 1889.0958 | -3623.3111 | 3781.8085 | 0.0000 | -79.2487 |
| 2975 | 46.8332 | 1889.0958 | -3655.7266 | 3749.3930 | 0.0000 | -46.8332 |
| 2976 | -203.2185 | 1889.0958 | -3905.7783 | 3499.3413 | 0.0000 | 203.2185 |
| 2977 | -166.7830 | 1889.0958 | -3869.3428 | 3535.7768 | 0.0000 | 166.7830 |
| 2978 | 101.4146 | 1889.0958 | -3601.1452 | 3803.9744 | 0.0000 | -101.4146 |
| 2979 | 91.3672 | 1889.0958 | -3611.1926 | 3793.9270 | 0.0000 | -91.3672 |
| 2980 | 54.6795 | 1889.0958 | -3647.8803 | 3757.2393 | 0.0000 | -54.6795 |
| 2981 | 30.0341 | 1889.0958 | -3672.5257 | 3732.5939 | 0.0000 | -30.0341 |
| 2982 | -0.6621 | 1889.0958 | -3703.2219 | 3701.8977 | 0.0000 | 0.6621 |
| 2983 | -170.6232 | 1889.0958 | -3873.1830 | 3531.9366 | 0.0000 | 170.6232 |
| 2984 | -86.7826 | 1889.0958 | -3789.3424 | 3615.7772 | 0.0000 | 86.7826 |

| | Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 2985 | -19.7002 | 1889.0958 | -3722.2600 | 3682.8596 | 0.0000 | 19.7002 |
| 2986 | 48.7043 | 1889.0958 | -3653.8555 | 3751.2640 | 0.0000 | -48.7043 |
| 2987 | 95.2429 | 1889.0958 | -3607.3168 | 3797.8027 | 0.0000 | -95.2429 |
| 2988 | -211.2210 | 1889.0958 | -3913.7807 | 3491.3388 | 0.0000 | 211.2210 |
| 2989 | 115.4051 | 1889.0958 | -3587.1547 | 3817.9649 | 0.0000 | -115.4051 |
| 2990 | 92.1799 | 1889.0958 | -3610.3798 | 3794.7397 | 0.0000 | -92.1799 |
| 2991 | 50.1067 | 1889.0958 | -3652.4531 | 3752.6665 | 0.0000 | -50.1067 |
| 2992 | 280.1587 | 1889.0958 | -3422.4011 | 3982.7185 | 0.0000 | -280.1587 |
| 2993 | 26.7609 | 1889.0958 | -3675.7988 | 3729.3207 | 0.0000 | -26.7609 |
| 2994 | -96.0509 | 1889.0958 | -3798.6107 | 3606.5089 | 0.0000 | 96.0509 |
| 2995 | -32.5312 | 1889.0958 | -3735.0910 | 3670.0286 | 0.0000 | 32.5312 |
| 2996 | 47.2987 | 1889.0958 | -3655.2611 | 3749.8585 | 0.0000 | -47.2987 |
| 2997 | 113.2730 | 1889.0958 | -3589.2868 | 3815.8328 | 0.0000 | -113.2730 |
| 2998 | 92.1837 | 1889.0958 | -3610.3760 | 3794.7435 | 0.0000 | -92.1837 |
| 2999 | -31.8457 | 1889.0958 | -3734.4055 | 3670.7141 | 0.0000 | 31.8457 |
| 3000 | -155.1453 | 1889.0958 | -3857.7051 | 3547.4145 | 0.0000 | 155.1453 |
| 3001 | 438.5617 | 1889.0958 | -3263.9981 | 4141.1215 | 234.3176 | -204.2441 |
| 3002 | 579.4856 | 1889.0958 | -3123.0742 | 4282.0454 | 694.6933 | 115.2077 |
| 3003 | 1787.0711 | 1889.0958 | -1915.4887 | 5489.6309 | 1838.3652 | 51.2941 |
| 3004 | 3036.2274 | 1889.0958 | -666.3324 | 6738.7872 | 2634.2990 | -401.9283 |
| 3005 | 4299.1976 | 1889.0958 | 596.6378 | 8001.7574 | 4333.0010 | 33.8034 |
| 3006 | 5318.9801 | 1889.0958 | 1616.4203 | 9021.5399 | 5086.7276 | -232.2525 |
| 3007 | 5943.7210 | 1889.0958 | 2241.1613 | 9646.2808 | 4748.2419 | -1195.4791 |
| 3008 | 8319.7228 | 1889.0958 | 4617.1630 | 12022.2826 | 9296.1848 | 976.4620 |
| 3009 | 11376.5826 | 1889.0958 | 7674.0228 | 15079.1423 | 10663.5410 | -713.0416 |
| 3010 | 10400.9160 | 1889.0958 | 6698.3562 | 14103.4758 | 12367.7533 | 1966.8373 |
| 3011 | 14855.4543 | 1889.0958 | 11152.8945 | 18558.0141 | 13938.7571 | -916.6972 |
| 3012 | 13935.4764 | 1889.0958 | 10232.9166 | 17638.0361 | 14858.6729 | 923.1965 |
| 3013 | 14302.9270 | 1889.0958 | 10600.3672 | 18005.4868 | 10546.1505 | -3756.7765 |
| 3014 | 11200.6082 | 1889.0958 | 7498.0484 | 14903.1680 | 10383.8333 | -816.7749 |
| 3015 | 8768.8058 | 1889.0958 | 5066.2460 | 12471.3655 | 6954.4486 | -1814.3572 |
| 3016 | 12153.2905 | 1889.0958 | 8450.7307 | 15855.8503 | 10270.0619 | -1883.2286 |
| 3017 | 14703.0411 | 1889.0958 | 11000.4813 | 18405.6009 | 13571.5324 | -1131.5087 |
| 3018 | 11358.6054 | 1889.0958 | 7656.0456 | 15061.1652 | 12251.3267 | 892.7213 |
| 3019 | 10408.3109 | 1889.0958 | 6705.7511 | 14110.8707 | 10790.0810 | 381.7701 |
| 3020 | 7044.6294 | 1889.0958 | 3342.0696 | 10747.1892 | 7730.8067 | 686.1773 |
| 3021 | 8881.4489 | 1889.0958 | 5178.8891 | 12584.0087 | 7480.0814 | -1401.3674 |

| | | | Forecasts for variable AC_POWER | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| 3022 | 11226.1921 | 1889.0958 | 7523.6323 | 14928.7519 | 11779.4776 | 553.2855 |
| 3023 | 8057.1843 | 1889.0958 | 4354.6245 | 11759.7441 | 8739.5981 | 682.4138 |
| 3024 | 9465.8398 | 1889.0958 | 5763.2800 | 13168.3995 | 7215.5867 | -2250.2531 |
| 3025 | 10135.7802 | 1889.0958 | 6433.2204 | 13838.3400 | 9670.1200 | -465.6602 |
| 3026 | 13423.6915 | 1889.0958 | 9721.1318 | 17126.2513 | 12413.5290 | -1010.1625 |
| 3027 | 8554.8792 | 1889.0958 | 4852.3194 | 12257.4390 | 9470.1667 | 915.2875 |
| 3028 | 7754.9154 | 1889.0958 | 4052.3556 | 11457.4752 | 7463.1957 | -291.7197 |
| 3029 | 5701.0367 | 1889.0958 | 1998.4769 | 9403.5965 | 8890.6000 | 3189.5633 |
| 3030 | 3230.3208 | 1889.0958 | -472.2389 | 6932.8806 | 4012.7933 | 782.4725 |
| 3031 | 4184.9918 | 1889.0958 | 482.4320 | 7887.5515 | 8715.5262 | 4530.5344 |
| 3032 | 10728.4917 | 1889.0958 | 7025.9319 | 14431.0515 | 13481.6005 | 2753.1088 |
| 3033 | 15485.6111 | 1889.0958 | 11783.0513 | 19188.1709 | 14166.7424 | -1318.8687 |
| 3034 | 7989.6709 | 1889.0958 | 4287.1111 | 11692.2306 | 6618.5467 | -1371.1242 |
| 3035 | 13135.7609 | 1889.0958 | 9433.2011 | 16838.3206 | 11757.3381 | -1378.4228 |
| 3036 | 13238.0454 | 1889.0958 | 9535.4856 | 16940.6052 | 10445.3576 | -2792.6878 |
| 3037 | 9187.7463 | 1889.0958 | 5485.1865 | 12890.3061 | 9103.7386 | -84.0077 |
| 3038 | 10118.4905 | 1889.0958 | 6415.9307 | 13821.0503 | 13836.3667 | 3717.8761 |
| 3039 | 13146.8503 | 1889.0958 | 9444.2905 | 16849.4101 | 10878.8762 | -2267.9741 |
| 3040 | 9921.7391 | 1889.0958 | 6219.1793 | 13624.2989 | 3995.8843 | -5925.8548 |
| 3041 | 2991.9854 | 1889.0958 | -710.5744 | 6694.5452 | 6567.8338 | 3575.8484 |
| 3042 | 7536.1649 | 1889.0958 | 3833.6051 | 11238.7247 | 8289.3733 | 753.2084 |
| 3043 | 9220.5804 | 1889.0958 | 5518.0206 | 12923.1402 | 8004.1505 | -1216.4299 |
| 3044 | 6522.7792 | 1889.0958 | 2820.2194 | 10225.3390 | 8642.1819 | 2119.4027 |
| 3045 | 6492.6638 | 1889.0958 | 2790.1040 | 10195.2236 | 5235.4114 | -1257.2523 |
| 3046 | 3111.5262 | 1889.0958 | -591.0336 | 6814.0860 | 1980.1795 | -1131.3466 |
| 3047 | 2969.9523 | 1889.0958 | -732.6075 | 6672.5121 | 3405.7467 | 435.7943 |
| 3048 | 3006.4034 | 1889.0958 | -696.1564 | 6708.9632 | 2693.1648 | -313.2386 |
| 3049 | 1610.6448 | 1889.0958 | -2091.9150 | 5313.2046 | 1995.7419 | 385.0971 |
| 3050 | 916.7519 | 1889.0958 | -2785.8079 | 4619.3117 | 1329.2457 | 412.4938 |
| 3051 | 469.7155 | 1889.0958 | -3232.8443 | 4172.2753 | 707.5467 | 237.8311 |
| 3052 | 399.2975 | 1889.0958 | -3303.2623 | 4101.8572 | 143.6267 | -255.6708 |
| 3053 | 109.2073 | 1889.0958 | -3593.3525 | 3811.7671 | 0.0000 | -109.2073 |
| 3054 | -453.8178 | 1889.0958 | -4156.3776 | 3248.7420 | 0.0000 | 453.8178 |
| 3055 | -106.3093 | 1889.0958 | -3808.8691 | 3596.2505 | 0.0000 | 106.3093 |
| 3056 | 78.8674 | 1889.0958 | -3623.6924 | 3781.4272 | 0.0000 | -78.8674 |
| 3057 | 163.6574 | 1889.0958 | -3538.9023 | 3866.2172 | 0.0000 | -163.6574 |
| 3058 | 94.8772 | 1889.0958 | -3607.6826 | 3797.4370 | 0.0000 | -94.8772 |

| | | | Forecasts for variable AC_POWER | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 3059 | 372.9433 | 1889.0958 | -3329.6165 | 4075.5031 | 0.0000 | -372.9433 |
| 3060 | 86.4621 | 1889.0958 | -3616.0977 | 3789.0219 | 0.0000 | -86.4621 |
| 3061 | -7.5244 | 1889.0958 | -3710.0842 | 3695.0354 | 0.0000 | 7.5244 |
| 3062 | 34.5702 | 1889.0958 | -3667.9896 | 3737.1300 | 0.0000 | -34.5702 |
| 3063 | -283.9575 | 1889.0958 | -3986.5173 | 3418.6023 | 0.0000 | 283.9575 |
| 3064 | 93.1978 | 1889.0958 | -3609.3620 | 3795.7576 | 0.0000 | -93.1978 |
| 3065 | -94.3921 | 1889.0958 | -3796.9519 | 3608.1676 | 0.0000 | 94.3921 |
| 3066 | -83.5828 | 1889.0958 | -3786.1426 | 3618.9770 | 0.0000 | 83.5828 |
| 3067 | -17.6350 | 1889.0958 | -3720.1948 | 3684.9248 | 0.0000 | 17.6350 |
| 3068 | -114.5877 | 1889.0958 | -3817.1474 | 3587.9721 | 0.0000 | 114.5877 |
| 3069 | -150.2379 | 1889.0958 | -3852.7977 | 3552.3219 | 0.0000 | 150.2379 |
| 3070 | -101.1073 | 1889.0958 | -3803.6671 | 3601.4525 | 0.0000 | 101.1073 |
| 3071 | 55.4624 | 1889.0958 | -3647.0974 | 3758.0222 | 0.0000 | -55.4624 |
| 3072 | 335.4574 | 1889.0958 | -3367.1024 | 4038.0171 | 0.0000 | -335.4574 |
| 3073 | 77.4325 | 1889.0958 | -3625.1273 | 3779.9923 | 0.0000 | -77.4325 |
| 3074 | 4.2273 | 1889.0958 | -3698.3325 | 3706.7871 | 0.0000 | -4.2273 |
| 3075 | 19.6438 | 1889.0958 | -3682.9160 | 3722.2036 | 0.0000 | -19.6438 |
| 3076 | 62.8343 | 1889.0958 | -3639.7255 | 3765.3941 | 0.0000 | -62.8343 |
| 3077 | -101.3271 | 1889.0958 | -3803.8869 | 3601.2326 | 0.0000 | 101.3271 |
| 3078 | 62.3009 | 1889.0958 | -3640.2589 | 3764.8606 | 0.0000 | -62.3009 |
| 3079 | 18.8929 | 1889.0958 | -3683.6669 | 3721.4527 | 0.0000 | -18.8929 |
| 3080 | 148.7210 | 1889.0958 | -3553.8388 | 3851.2808 | 0.0000 | -148.7210 |
| 3081 | 98.3831 | 1889.0958 | -3604.1767 | 3800.9429 | 0.0000 | -98.3831 |
| 3082 | -88.2505 | 1889.0958 | -3790.8103 | 3614.3093 | 0.0000 | 88.2505 |
| 3083 | -72.6064 | 1889.0958 | -3775.1662 | 3629.9534 | 0.0000 | 72.6064 |
| 3084 | 124.9331 | 1889.0958 | -3577.6267 | 3827.4929 | 0.0000 | -124.9331 |
| 3085 | -242.0913 | 1889.0958 | -3944.6511 | 3460.4685 | 0.0000 | 242.0913 |
| 3086 | 165.2923 | 1889.0958 | -3537.2675 | 3867.8521 | 0.0000 | -165.2923 |
| 3087 | 36.5321 | 1889.0958 | -3666.0277 | 3739.0919 | 0.0000 | -36.5321 |
| 3088 | -197.6602 | 1889.0958 | -3900.2200 | 3504.8996 | 0.0000 | 197.6602 |
| 3089 | 120.2093 | 1889.0958 | -3582.3504 | 3822.7691 | 0.0000 | -120.2093 |
| 3090 | 176.2773 | 1889.0958 | -3526.2825 | 3878.8371 | 0.0000 | -176.2773 |
| 3091 | 59.8207 | 1889.0958 | -3642.7391 | 3762.3805 | 0.0000 | -59.8207 |
| 3092 | 2.3419 | 1889.0958 | -3700.2179 | 3704.9017 | 0.0000 | -2.3419 |
| 3093 | -15.5712 | 1889.0958 | -3718.1310 | 3686.9885 | 0.0000 | 15.5712 |
| 3094 | 20.2647 | 1889.0958 | -3682.2951 | 3722.8244 | 0.0000 | -20.2647 |
| 3095 | 114.4156 | 1889.0958 | -3588.1442 | 3816.9754 | 0.0000 | -114.4156 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| **Obs** | **Forecast** | **Std Error** | **95% Confidence Limits** | | **Actual** | **Residual** |
| **3096** | 78.8880 | 1889.0958 | -3623.6718 | 3781.4478 | 0.0000 | -78.8880 |
| **3097** | 47.5684 | 1889.0958 | -3654.9914 | 3750.1282 | 159.7529 | 112.1845 |
| **3098** | 894.0734 | 1889.0958 | -2808.4864 | 4596.6331 | 771.7462 | -122.3272 |
| **3099** | 1675.2422 | 1889.0958 | -2027.3176 | 5377.8020 | 1530.5714 | -144.6708 |
| **3100** | 2527.7675 | 1889.0958 | -1174.7922 | 6230.3273 | 2508.7267 | -19.0409 |
| **3101** | 3582.6231 | 1889.0958 | -119.9367 | 7285.1829 | 3484.8910 | -97.7322 |
| **3102** | 4512.5017 | 1889.0958 | 809.9420 | 8215.0615 | 4249.6295 | -262.8722 |
| **3103** | 4626.2626 | 1889.0958 | 923.7028 | 8328.8224 | 5409.8781 | 783.6155 |
| **3104** | 7237.2449 | 1889.0958 | 3534.6852 | 10939.8047 | 6309.8262 | -927.4188 |
| **3105** | 7955.6759 | 1889.0958 | 4253.1161 | 11658.2357 | 7809.5133 | -146.1626 |
| **3106** | 9515.1279 | 1889.0958 | 5812.5681 | 13217.6877 | 9584.6010 | 69.4731 |
| **3107** | 9938.3106 | 1889.0958 | 6235.7508 | 13640.8704 | 10676.3862 | 738.0756 |
| **3108** | 10625.6868 | 1889.0958 | 6923.1270 | 14328.2466 | 10891.8643 | 266.1775 |
| **3109** | 8117.9326 | 1889.0958 | 4415.3729 | 11820.4924 | 11605.9400 | 3488.0074 |
| **3110** | 7262.6804 | 1889.0958 | 3560.1206 | 10965.2402 | 9224.4029 | 1961.7225 |
| **3111** | 10122.8792 | 1889.0958 | 6420.3194 | 13825.4390 | 12200.9519 | 2078.0727 |
| **3112** | 9975.3232 | 1889.0958 | 6272.7634 | 13677.8830 | 13649.3757 | 3674.0525 |
| **3113** | 12514.5797 | 1889.0958 | 8812.0199 | 16217.1395 | 14343.8257 | 1829.2460 |
| **3114** | 12733.6791 | 1889.0958 | 9031.1194 | 16436.2389 | 16457.8733 | 3724.1942 |
| **3115** | 12902.3443 | 1889.0958 | 9199.7845 | 16604.9041 | 14603.3295 | 1700.9852 |
| **3116** | 13211.7059 | 1889.0958 | 9509.1461 | 16914.2657 | 15418.2624 | 2206.5565 |
| **3117** | 13272.6526 | 1889.0958 | 9570.0928 | 16975.2124 | 14184.7333 | 912.0807 |
| **3118** | 12876.6686 | 1889.0958 | 9174.1088 | 16579.2284 | 15984.8719 | 3108.2033 |
| **3119** | 18279.2136 | 1889.0958 | 14576.6538 | 21981.7734 | 22419.5333 | 4140.3197 |
| **3120** | 17043.5037 | 1889.0958 | 13340.9439 | 20746.0635 | 14687.0162 | -2356.4875 |
| **3121** | 11236.9064 | 1889.0958 | 7534.3467 | 14939.4662 | 14734.1648 | 3497.2583 |
| **3122** | 10832.1797 | 1889.0958 | 7129.6199 | 14534.7395 | 11251.2767 | 419.0970 |
| **3123** | 13894.7936 | 1889.0958 | 10192.2338 | 17597.3534 | 16377.2400 | 2482.4464 |
| **3124** | 15307.1122 | 1889.0958 | 11604.5524 | 19009.6720 | 17862.9252 | 2555.8131 |
| **3125** | 17284.3254 | 1889.0958 | 13581.7657 | 20986.8852 | 18792.2162 | 1507.8907 |
| **3126** | 16477.9742 | 1889.0958 | 12775.4144 | 20180.5339 | 18387.2924 | 1909.3182 |
| **3127** | 15675.7127 | 1889.0958 | 11973.1529 | 19378.2725 | 11094.6300 | -4581.0827 |
| **3128** | 15380.2607 | 1889.0958 | 11677.7009 | 19082.8205 | 13727.4333 | -1652.8273 |
| **3129** | 11827.2836 | 1889.0958 | 8124.7239 | 15529.8434 | 14704.0171 | 2876.7335 |
| **3130** | 13729.4132 | 1889.0958 | 10026.8534 | 17431.9730 | 4860.4386 | -8868.9746 |
| **3131** | 8306.6591 | 1889.0958 | 4604.0993 | 12009.2189 | 0.0000 | -8306.6591 |
| **3132** | 4778.8389 | 1889.0958 | 1076.2791 | 8481.3987 | 11662.9614 | 6884.1225 |

| Forecasts for variable AC_POWER | | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 3133 | 11538.3556 | 1889.0958 | 7835.7959 | 15240.9154 | 11462.7186 | -75.6371 |
| 3134 | 12314.3022 | 1889.0958 | 8611.7424 | 16016.8619 | 11978.9005 | -335.4017 |
| 3135 | 11072.6629 | 1889.0958 | 7370.1031 | 14775.2227 | 13877.9786 | 2805.3157 |
| 3136 | 8001.0600 | 1889.0958 | 4298.5002 | 11703.6198 | 10490.8705 | 2489.8105 |
| 3137 | 8509.8634 | 1889.0958 | 4807.3036 | 12212.4232 | 5772.6295 | -2737.2339 |
| 3138 | 8437.9677 | 1889.0958 | 4735.4080 | 12140.5275 | 7955.7362 | -482.2316 |
| 3139 | 6463.4706 | 1889.0958 | 2760.9108 | 10166.0303 | 4515.6967 | -1947.7739 |
| 3140 | 5087.3794 | 1889.0958 | 1384.8196 | 8789.9392 | 3844.5600 | -1242.8194 |
| 3141 | 2362.6885 | 1889.0958 | -1339.8713 | 6065.2483 | 2709.0333 | 346.3448 |
| 3142 | 1078.2012 | 1889.0958 | -2624.3586 | 4780.7610 | 1115.4248 | 37.2235 |
| 3143 | 2986.8110 | 1889.0958 | -715.7487 | 6689.3708 | 2181.5605 | -805.2506 |
| 3144 | 1434.9087 | 1889.0958 | -2267.6510 | 5137.4685 | 1751.2505 | 316.3417 |
| 3145 | 867.5820 | 1889.0958 | -2834.9778 | 4570.1418 | 807.5933 | -59.9886 |
| 3146 | 409.0171 | 1889.0958 | -3293.5427 | 4111.5768 | 494.6481 | 85.6310 |
| 3147 | 228.1279 | 1889.0958 | -3474.4319 | 3930.6877 | 249.7276 | 21.5997 |
| 3148 | -110.5951 | 1889.0958 | -3813.1549 | 3591.9647 | 0.0000 | 110.5951 |
| 3149 | -626.1919 | 1889.0958 | -4328.7517 | 3076.3679 | 0.0000 | 626.1919 |
| 3150 | 190.3438 | 1889.0958 | -3512.2160 | 3892.9036 | 0.0000 | -190.3438 |
| 3151 | -148.1881 | 1889.0958 | -3850.7479 | 3554.3717 | 0.0000 | 148.1881 |
| 3152 | -280.4014 | 1889.0958 | -3982.9612 | 3422.1584 | 0.0000 | 280.4014 |
| 3153 | -61.8497 | 1889.0958 | -3764.4094 | 3640.7101 | 0.0000 | 61.8497 |
| 3154 | -80.6671 | 1889.0958 | -3783.2269 | 3621.8927 | 0.0000 | 80.6671 |
| 3155 | -292.2982 | 1889.0958 | -3994.8579 | 3410.2616 | 0.0000 | 292.2982 |
| 3156 | 71.5646 | 1889.0958 | -3630.9952 | 3774.1244 | 0.0000 | -71.5646 |
| 3157 | -79.8475 | 1889.0958 | -3782.4073 | 3622.7123 | 0.0000 | 79.8475 |
| 3158 | 77.3116 | 1889.0958 | -3625.2482 | 3779.8714 | 0.0000 | -77.3116 |
| 3159 | 8.4216 | 1889.0958 | -3694.1382 | 3710.9814 | 0.0000 | -8.4216 |
| 3160 | -197.5348 | 1889.0958 | -3900.0946 | 3505.0250 | 0.0000 | 197.5348 |
| 3161 | -307.6790 | 1889.0958 | -4010.2388 | 3394.8808 | 0.0000 | 307.6790 |
| 3162 | 201.7749 | 1889.0958 | -3500.7849 | 3904.3347 | 0.0000 | -201.7749 |
| 3163 | 11.2044 | 1889.0958 | -3691.3554 | 3713.7641 | 0.0000 | -11.2044 |
| 3164 | -27.9884 | 1889.0958 | -3730.5482 | 3674.5714 | 0.0000 | 27.9884 |
| 3165 | 242.7917 | 1889.0958 | -3459.7681 | 3945.3515 | 0.0000 | -242.7917 |
| 3166 | 132.9440 | 1889.0958 | -3569.6158 | 3835.5037 | 0.0000 | -132.9440 |
| 3167 | 86.7716 | 1889.0958 | -3615.7881 | 3789.3314 | 0.0000 | -86.7716 |
| 3168 | -264.9967 | 1889.0958 | -3967.5565 | 3437.5631 | 0.0000 | 264.9967 |
| 3169 | -230.5206 | 1889.0958 | -3933.0804 | 3472.0392 | 0.0000 | 230.5206 |

| | Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 3170 | -45.2724 | 1889.0958 | -3747.8322 | 3657.2874 | 0.0000 | 45.2724 |
| 3171 | -50.5951 | 1889.0958 | -3753.1549 | 3651.9647 | 0.0000 | 50.5951 |
| 3172 | -115.9171 | 1889.0958 | -3818.4769 | 3586.6427 | 0.0000 | 115.9171 |
| 3173 | -24.9057 | 1889.0958 | -3727.4655 | 3677.6541 | 0.0000 | 24.9057 |
| 3174 | 58.4555 | 1889.0958 | -3644.1042 | 3761.0153 | 0.0000 | -58.4555 |
| 3175 | 52.2003 | 1889.0958 | -3650.3594 | 3754.7601 | 0.0000 | -52.2003 |
| 3176 | -84.1043 | 1889.0958 | -3786.6641 | 3618.4555 | 0.0000 | 84.1043 |
| 3177 | -132.5566 | 1889.0958 | -3835.1164 | 3570.0032 | 0.0000 | 132.5566 |
| 3178 | 52.1957 | 1889.0958 | -3650.3641 | 3754.7555 | 0.0000 | -52.1957 |
| 3179 | 3.3717 | 1889.0958 | -3699.1880 | 3705.9315 | 0.0000 | -3.3717 |
| 3180 | 74.8700 | 1889.0958 | -3627.6898 | 3777.4298 | 0.0000 | -74.8700 |
| 3181 | 149.2039 | 1889.0958 | -3553.3559 | 3851.7637 | 0.0000 | -149.2039 |
| 3182 | -857.3385 | 1889.0958 | -4559.8983 | 2845.2213 | 0.0000 | 857.3385 |
| 3183 | -30.6092 | 1889.0958 | -3733.1690 | 3671.9505 | 0.0000 | 30.6092 |
| 3184 | -174.1895 | 1889.0958 | -3876.7493 | 3528.3703 | 0.0000 | 174.1895 |
| 3185 | -281.7819 | 1889.0958 | -3984.3417 | 3420.7779 | 0.0000 | 281.7819 |
| 3186 | 35.8819 | 1889.0958 | -3666.6779 | 3738.4417 | 0.0000 | -35.8819 |
| 3187 | 9.9089 | 1889.0958 | -3692.6509 | 3712.4687 | 0.0000 | -9.9089 |
| 3188 | -178.4995 | 1889.0958 | -3881.0593 | 3524.0603 | 0.0000 | 178.4995 |
| 3189 | -28.1930 | 1889.0958 | -3730.7528 | 3674.3668 | 0.0000 | 28.1930 |
| 3190 | -148.2395 | 1889.0958 | -3850.7993 | 3554.3203 | 0.0000 | 148.2395 |
| 3191 | -192.8429 | 1889.0958 | -3895.4027 | 3509.7169 | 0.0000 | 192.8429 |
| 3192 | -37.3723 | 1889.0958 | -3739.9321 | 3665.1874 | 0.0000 | 37.3723 |
| 3193 | 23.7807 | 1889.0958 | -3678.7790 | 3726.3405 | 32.6552 | 8.8745 |
| 3194 | 390.8123 | 1889.0958 | -3311.7475 | 4093.3721 | 525.8310 | 135.0186 |
| 3195 | 1185.3996 | 1889.0958 | -2517.1602 | 4887.9594 | 1160.2457 | -25.1539 |
| 3196 | 1808.1994 | 1889.0958 | -1894.3604 | 5510.7592 | 1252.3867 | -555.8127 |
| 3197 | 1944.5523 | 1889.0958 | -1758.0074 | 5647.1121 | 1360.8133 | -583.7390 |
| 3198 | 2131.3713 | 1889.0958 | -1571.1884 | 5833.9311 | 1616.5743 | -514.7971 |
| 3199 | 2782.2105 | 1889.0958 | -920.3493 | 6484.7702 | 2140.8362 | -641.3743 |
| 3200 | 3402.1456 | 1889.0958 | -300.4142 | 7104.7054 | 2777.7843 | -624.3613 |
| 3201 | 4645.6396 | 1889.0958 | 943.0798 | 8348.1994 | 3949.0800 | -696.5596 |
| 3202 | 5265.2700 | 1889.0958 | 1562.7102 | 8967.8298 | 3927.8157 | -1337.4543 |
| 3203 | 5848.3140 | 1889.0958 | 2145.7542 | 9550.8738 | 4553.8290 | -1294.4849 |
| 3204 | 6425.2950 | 1889.0958 | 2722.7353 | 10127.8548 | 5865.4633 | -559.8317 |
| 3205 | 6130.4703 | 1889.0958 | 2427.9105 | 9833.0300 | 4064.4048 | -2066.0655 |
| 3206 | 3899.0924 | 1889.0958 | 196.5326 | 7601.6522 | 4204.1267 | 305.0342 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | Forecasts for variable AC_POWER | | | | |
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 3207 | 8289.5588 | 1889.0958 | 4586.9991 | 11992.1186 | 7643.2252 | -646.3336 |
| 3208 | 11328.6942 | 1889.0958 | 7626.1344 | 15031.2540 | 12512.9695 | 1184.2753 |
| 3209 | 11766.9855 | 1889.0958 | 8064.4257 | 15469.5453 | 12028.0867 | 261.1012 |
| 3210 | 11785.8970 | 1889.0958 | 8083.3372 | 15488.4568 | 10064.0667 | -1721.8304 |
| 3211 | 10066.5989 | 1889.0958 | 6364.0391 | 13769.1587 | 9774.5776 | -292.0213 |
| 3212 | 11687.2854 | 1889.0958 | 7984.7256 | 15389.8452 | 10732.9819 | -954.3035 |
| 3213 | 10858.2765 | 1889.0958 | 7155.7168 | 14560.8363 | 10969.2800 | 111.0035 |
| 3214 | 9864.5471 | 1889.0958 | 6161.9873 | 13567.1069 | 7334.8624 | -2529.6847 |
| 3215 | 13823.5596 | 1889.0958 | 10120.9998 | 17526.1194 | 13466.6138 | -356.9458 |
| 3216 | 10715.8412 | 1889.0958 | 7013.2814 | 14418.4010 | 16244.7410 | 5528.8997 |
| 3217 | 13643.6839 | 1889.0958 | 9941.1242 | 17346.2437 | 11283.4814 | -2360.2025 |
| 3218 | 13380.0351 | 1889.0958 | 9677.4753 | 17082.5949 | 17122.9176 | 3742.8825 |
| 3219 | 17383.2195 | 1889.0958 | 13680.6598 | 21085.7793 | 15559.2467 | -1823.9729 |
| 3220 | 16949.4849 | 1889.0958 | 13246.9252 | 20652.0447 | 16514.2143 | -435.2707 |
| 3221 | 17070.0751 | 1889.0958 | 13367.5154 | 20772.6349 | 16325.5181 | -744.5570 |
| 3222 | 16498.5302 | 1889.0958 | 12795.9705 | 20201.0900 | 14838.7229 | -1659.8074 |
| 3223 | 12503.1034 | 1889.0958 | 8800.5436 | 16205.6632 | 14374.7243 | 1871.6209 |
| 3224 | 15720.9741 | 1889.0958 | 12018.4143 | 19423.5339 | 1743.6143 | -13977.3598 |
| 3225 | 4783.5076 | 1889.0958 | 1080.9478 | 8486.0674 | 7318.7814 | 2535.2739 |
| 3226 | -53.0110 | 1889.0958 | -3755.5708 | 3649.5488 | 12980.0562 | 13033.0672 |
| 3227 | 4092.3699 | 1889.0958 | 389.8101 | 7794.9297 | 10672.2671 | 6579.8972 |
| 3228 | 17317.2310 | 1889.0958 | 13614.6712 | 21019.7908 | 11245.0510 | -6072.1800 |
| 3229 | 10683.2409 | 1889.0958 | 6980.6811 | 14385.8007 | 12178.4133 | 1495.1724 |
| 3230 | 13237.3657 | 1889.0958 | 9534.8059 | 16939.9255 | 12610.4138 | -626.9519 |
| 3231 | 12988.5715 | 1889.0958 | 9286.0117 | 16691.1313 | 7948.3800 | -5040.1915 |
| 3232 | 7153.5386 | 1889.0958 | 3450.9788 | 10856.0984 | 7113.7733 | -39.7653 |
| 3233 | 4123.5014 | 1889.0958 | 420.9416 | 7826.0612 | 6461.8529 | 2338.3515 |
| 3234 | 6396.8546 | 1889.0958 | 2694.2948 | 10099.4144 | 6393.0305 | -3.8241 |
| 3235 | 4840.8847 | 1889.0958 | 1138.3249 | 8543.4445 | 6046.7657 | 1205.8810 |
| 3236 | 4810.5551 | 1889.0958 | 1107.9953 | 8513.1148 | 4019.4386 | -791.1165 |
| 3237 | 2010.8028 | 1889.0958 | -1691.7570 | 5713.3625 | 1148.6733 | -862.1294 |
| 3238 | 1371.9619 | 1889.0958 | -2330.5979 | 5074.5217 | 2886.3129 | 1514.3509 |
| 3239 | 2581.8792 | 1889.0958 | -1120.6806 | 6284.4390 | 2929.1500 | 347.2708 |
| 3240 | 2212.9480 | 1889.0958 | -1489.6117 | 5915.5078 | 2072.6600 | -140.2880 |
| 3241 | 1264.0027 | 1889.0958 | -2438.5570 | 4966.5625 | 1284.5467 | 20.5439 |
| 3242 | 536.5722 | 1889.0958 | -3165.9876 | 4239.1320 | 677.9933 | 141.4211 |
| 3243 | -69.9897 | 1889.0958 | -3772.5494 | 3632.5701 | 410.0000 | 479.9897 |

| | Forecasts for variable AC_POWER | | | | | |
|---|---|---|---|---|---|---|
| Obs | Forecast | Std Error | 95% Confidence Limits | | Actual | Residual |
| 3244 | -75.7574 | 1889.0958 | -3778.3171 | 3626.8024 | 73.0667 | 148.8240 |
| 3245 | 333.9989 | 1889.0958 | -3368.5609 | 4036.5587 | 0.0000 | -333.9989 |
| 3246 | -95.0721 | 1889.0958 | -3797.6319 | 3607.4877 | 0.0000 | 95.0721 |
| 3247 | 38.7484 | 1889.0958 | -3663.8114 | 3741.3082 | 0.0000 | -38.7484 |
| 3248 | 203.2410 | 1889.0958 | -3499.3187 | 3905.8008 | 0.0000 | -203.2410 |
| 3249 | 44.5168 | 1889.0958 | -3658.0430 | 3747.0766 | 0.0000 | -44.5168 |
| 3250 | 56.5665 | 1889.0958 | -3645.9933 | 3759.1263 | 0.0000 | -56.5665 |
| 3251 | 290.9421 | 1889.0958 | -3411.6177 | 3993.5018 | 0.0000 | -290.9421 |
| 3252 | -156.5832 | 1889.0958 | -3859.1430 | 3545.9766 | 0.0000 | 156.5832 |
| 3253 | -69.8912 | 1889.0958 | -3772.4510 | 3632.6686 | 0.0000 | 69.8912 |
| 3254 | -163.5020 | 1889.0958 | -3866.0618 | 3539.0578 | 0.0000 | 163.5020 |
| 3255 | -68.1918 | 1889.0958 | -3770.7516 | 3634.3680 | 0.0000 | 68.1918 |
| 3256 | 53.2665 | 1889.0958 | -3649.2933 | 3755.8263 | 0.0000 | -53.2665 |
| 3257 | 212.3125 | 1889.0958 | -3490.2473 | 3914.8723 | 0.0000 | -212.3125 |
| 3258 | -119.3036 | 1889.0958 | -3821.8634 | 3583.2561 | 0.0000 | 119.3036 |
| 3259 | 74.2391 | 1889.0958 | -3628.3207 | 3776.7988 | 0.0000 | -74.2391 |
| 3260 | 8.9969 | 1889.0958 | -3693.5629 | 3711.5566 | 0.0000 | -8.9969 |
| 3261 | -182.9515 | 1889.0958 | -3885.5112 | 3519.6083 | 0.0000 | 182.9515 |
| 3262 | -121.0202 | 1889.0958 | -3823.5800 | 3581.5396 | 0.0000 | 121.0202 |
| 3263 | -142.9242 | 1889.0958 | -3845.4840 | 3559.6356 | 0.0000 | 142.9242 |
| 3264 | -136.5011 | 1889.0958 | -3839.0608 | 3566.0587 | 0.0000 | 136.5011 |

## Forecasts for AC_POWER
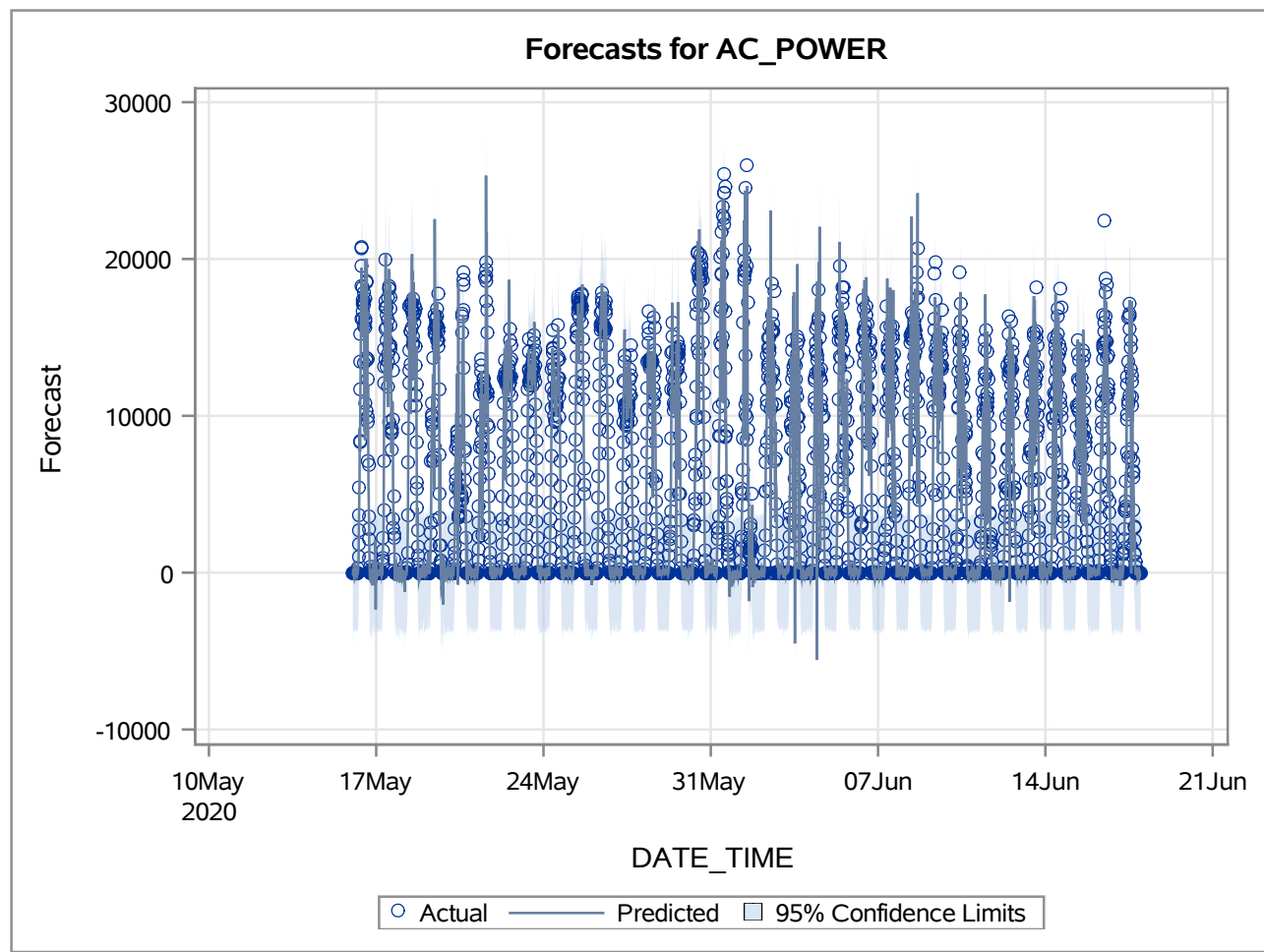


| Outlier Detection Summary | |
|---|---|
| **Maximum number searched** | 5 |
| **Number found** | 5 |
| **Significance used** | 0.05 |

| Outlier Details | | | | |
|---|---|---|---|---|
| **Obs** | **Type** | **Estimate** | **Chi-Square** | **Approx Prob>ChiSq** |
| **426** | Additive | -12699.7 | 4282.32 | <.0001 |
| **1681** | Additive | -12058.0 | 3881.80 | <.0001 |
| **1779** | Additive | -12077.0 | 3894.03 | <.0001 |
| **1868** | Additive | -10369.5 | 2855.01 | <.0001 |
| **1774** | Additive | -10644.7 | 2993.85 | <.0001 |