

ABSTRACT

The forecast models have been developed for the generation of energy, the number of consumers in the economic group, the consumption of electricity by each consumer in the economic group and the maximum demand of electricity. The best model is selected by comparing the estimates of the coefficients in the ARIMA models to ensure that the process is stationary / invertible, the value of R^2 , the standard error of regression, log-likelihood, Akaike information criterion, Schwarz criterion and Durbin-Watson statistic. Further the mean square error of forecast errors were also considered and compared.