

Quality improvement of products, processes and services

Automatic Data Acquisition system for industrial process monitoring and diagnostics

Automatic Data Acquisition Systems (DAQ) - an essential component of a modern power plant control system - are not available in the power stations of the Mahaweli Complex of Ceylon Electricity Board which have been constructed during the period 1970-1990. In house developed DAQ system has facilities for capturing alarms and process parameters and is being used for fault analysis, trend analysis, predictive maintenance, optimum load dispatch and speedy system restoration etc. The in-house development has resulted in a low cost, reliable, tailor made system meeting the requirements of all stake holders from operators to administrators. Therefore, by using this system the CEB and the nation will be financially benefited considerably.



Mr. S.M.K.B.Samarakoon
Asset Management - Hydro Electrical Division
Ceylon Electricity Board