

ANALYZING THE ELECTRICITY BREAK DOWN AND DEVELOPING BREAKDOWN MAINTENANCE SYSTEM TO IMPROVE AN EFFICIENT ELECTRICITY DISTRIBUTION.

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In this modern world, Electricity supply is very essential for the use of public as it is integrated with the daily requirements of the people. As such it is necessary to provide uninterrupted supply of electricity. Even then at times it becomes practically impossible. In a event of an unexpected breakdowns it could be rectified within a short time and the supply will be provided. Therefore it is important to introduce a new Electricity breakdown maintenance system.

In the existing system in the event of a breakdown information is received personally or over the phone only and then it is attended. While receiving over the phone it is likely that may problem may arise particularly due to engagement. There by unnecessary delay is caused, which is inevitable at certain times there may be frequent complaints from the same place. They have to be identified and rectified.

The newly introduced online Electricity Breakdown Maintenance System (EBMS) will help to reduce many of the above problems. In addition this system will provide numerous facilities to the consumers without discomfort. It becomes easy for the call center to details the relevant Breakdown Team (BT) through the Breakdown in Charge (BIC) then and there. In order to run this system successfully, internet facilities are required. Nowadays the use of computer, smart phones or tablet is available with internet facilities in almost all the houses, which could be utilize to make their complaint hot hot.

The function of the newly developed online EBMS was tested and found to be satisfactory. Also it is proved to be more effective to the CEB.

However, this system may improved by adding the status of the control device from the SCADA system may be updated, which will yield very efficient result of this system. In this respect which is necessary to provide internet facilities in to the areas which do not have same and this is beyond over hand.