

DISTRIBUTION NETWORK AUTOMATION FOR ELECTRIC POWER LINES

Objective:

The Electrical power lines is Distributed in the form of Network for proper power distribution. There will be Feeders in network between the power station and area where the power is transferring. If there is break down due to any problem in the power transmission line between the area and base station then there will be huge loss if it is Industrial area. So to avoid this loss in the industrial areas we should maintain the power all the time without any break down in power. And in present days in the main line we cannot detect power theft done by any intruder by which KEB is meeting with Huge loss. To solve this above problem we are going to develop this project.

To main aims of this Project is to “ Make Proper Power Distribution in the Electric Power lines without any long Delay in case of any problems by giving information to line man in time using GSM and at the same time System will give Test charge in the fault line and in case of power failure it automatically switches On Power from Other feeder by breaking up the fault feeder line. And to Detect Power Theft Done in Power Lines by calculating current consumed by Consumers.”