

WIRELESS CONTROLLED LOAD MANAGEMENT SYSTEM

Load management is a process that monitors the load and performs some controlling actions to reduce the electricity consumption and maximum demand. Among all the methods above load shifting is one of the common and better method for the load management in most of the industries because load shifting method is to shift the load from peak period to non-peak period to modify the load profile without affecting the total actual consumption. Power utilities world over are faced with the problem of satisfying electric power demands. Meeting consumer demand for electric power is one of the major glitches faced by Power utilities. Due to prohibitive costs in the addition of new generation capacity, Power utilities have designed programs and techniques in order to balance demand and supply within their generating capacity hence load management has come in as an important approach in providing electric power proportional in times of peak demands.

The goods monitoring system provides a proper notification system about the good level (load capacity, load height and persons in load place) in the vehicle and also buzzer is used to alert. The driver can make a false statement about the goods level to the owner and can gain extra money. This scenario can be changed by the notification system. The system helps the owner to have the knowledge of goods level in vehicle and the person of the vehicle load area at regular interval of time. It helps to know the honesty of the driver to the owner and also can save the money. This project goods monitoring system in vehicle represents the notification to the mobile numbers. The proposed goods monitoring system can track the load level in the vehicle and also the alert the information of the vehicle and sends the notification to the owner. This made the project more user-friendly and reliable. The proposed method can be highly beneficial for the automotive industry