20MCA245 MINI PROJECT
ABSTRACT

Name: Karthik H
Batch: S3 MCA
Roll No: TVE20MCA-2034

Topic: _Power Calculator_

The Power Calculator is a web application using PHP to calculate our electricity consumption and its cost. This application aims to help the common electricity users to calculate their electricity consumption and cost by entering the meter readings and also the power consumption of appliances and devices.

The use of the application is that users can understand their power uses and adjust their consumption accordingly. Finding the cost of electricity before getting the bill will help the users to manage their power usage.

The application has several functionalities, it calculates the cost in Rupees of electric consumption taking the number of units from the meter reading. Also, we can calculate the power consumption from the bill amount i.e., the cost in Rupees. Given the details of a particular device or any appliances, the Power Calculator can find the power consumption of that particular device during the given amount of time.

So, it helps to use devices efficiently and manage the power consumption, and to reduce the electricity bill amount. It is very useful in both households and industrial sectors to calculate and manage their power consumption.

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