Design Tool Uses Electricity Cost Calculator
To Household-Based Arduino

Rancang Bangun Alat Penghitung Penggunaan Biaya Listrik Untuk Rumah Tangga Berbasis Arduino

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ABSTRACT

Government policies that raise the basic rate of electricity and basic telephone rates and was followed also by the price of fuel oil (BBM) which resulted in high society increasingly burdened. The increase in prices was caused by the crisis that hit the Indonesian people since a few years ago. Of the increase, increase, increase in electricity tariff is a burden on society, because most of the people of Indonesia have regarded electricity as a primary need in addition to food, clothing and shelter.. The electric power installed in the customer PLN quite diverse, ranging from 450 VA, 900 VA to 1300 VA or more. The difference would be the use of electrical power resulted in the base rate applicable to different customers. Of course, payment will use electricity differently. From a variety of basic electricity tariff and price increases in electricity tariffs, PT. PLN is required to improve services to users. Society in general does not know the process of calculating the cost of electricity consumption per day or per month conducted by PLN, this usually makes people not know or estimate exactly how much it cost in a month. This includes one of the causes of consumer difficulties in electricity savings, which it has advised the government to make savings listrik.Untuk overcome these circumstances, the Registrar made Tools & Data Storage Stand End at KWH Meter automatically completed with the use of cost calculation tool electricity per day and per month. We make this tool customers can monitor the amount of electrical energy consumption in real time so that customers can take measures efficiency (savings of electrical energy consumption house).

***Key word**: KWH meter, Registrar & Storage Equipment Data Last Stand*