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**Measurement of Power and Energy Using Arduino**

Abstract:-

This paper deals with the measurement of power and energy using Arduino. The demand for power has increased exponentially over the last century. One avenue through which today’s energy problems can be addressed is through the reduction of energy usage in households. This has increased the emphasis on the need for accurate and economic methods of power measurement. The goal of providing such data is to optimize and reduce their power consumption. This paper explains the process of a condensed design explaination and implementation of a laboratory –scale prototype which includes the energy measurement of the given load and its advantages

Block Diagram:-



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