

# Digital Prepaid Energy Meter

The project digital energy meter aims at making the energy billing prepaid. The present system of postpaid billing is time consuming and tedious process which requires an employee to be sent to every house to take readings. Denying service to a user upon non payment of bill is also difficult.

Our system will implement centralized monitoring of energy consumption, while making it prepaid. i.e., consumers can recharge their Energy Meters for an amount of their choice. Recharging is similar to that of a mobile phone. Once this amount expires, the connection will be terminated automatically, from within the meter itself. The amount deducted per unit consumed can be varied during peak load hours and also from the central station, if necessary. The present energy meter can be upgraded (recycled) to this prepaid version.

The main advantages of our systems are its user friendly, accurate, reliable and will avoid debt for State Electricity Board or the Electric Power supplying companies. The user can be made more conscious, as the system is prepaid, thereby reducing energy wastage. Maximum demand strategy (extra tariff for over usage), during peak time can easily be implemented. Central station can monitor the overall energy consumption. Attempts for tampering may be detected and reduced.



For further information please contact:

## DIGITAL PREPAID ENERGY METER

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