

# IOT based Smart Energy Meter and Cost Monitoring System for EV Charging Station

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**Abstract:** *The airport electricity utility meter reading Internet of Things (IoT) is an innovative solution that allows for wireless transmission of energy consumption information and detection of electricity usage. This project aims to address the major power consumption of EV charging station and automated billing through the use of IoT technology, the IoT can be applied to various aspects of the smart grid including distributed energy plant metering, energy generation and consumption, monitoring, smart metering, energy demand management and other areas of energy production. Electronic meter have become a crucial component in cost efficient power consumption and their reliability and productivity make them ideal for future use this paper proposes a simple and effective IoT based meter reading system.*

**Keywords:** IoT

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