

IOT Based Solar Charging Station for E-Vehicles

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Abstract: *This project is about charging E-vehicle module using the Solar panel, availability of maximum power is viewed by IOT device and the maximum power generated by the solar is being tracked. The project is designed using hardware and software. The whole setup is connected to the Arduino; the battery level is viewed using an LCD. GSM modem is used to get an alert message for any reduction of power occurred in the system. A web page is used to check the availability status of charge can be displayed. The main idea of this paper is to reduce greenhouse gas emission and fossil fuel.*

Keywords: E-vehicles, Charging Station, Remote accessing of data

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