

Implementation of Smart Grid to Remotely Monitor and Control Renewable Energy Sources

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Abstract: *We have used two different Energy sources, one is the main power the other one is from Renewable energy source i.e. from photovoltaic cell and by and making use of this renewable energy source provides the reliable power supplies to the consumers. As Relay will switch between the two power sources according to the consumption by monitoring the power consumption by different loads at home. The power generated using renewable energy sources, i.e. photovoltaic (PV) solar panels, is variable. Depend upon the season and weather conditions of day. CT Coil current sensors are used to sense current flow of the individual supply which can be measured. This can effectively reduce power loss, low operating temperature, increase reliability.*

Keywords: Energy sources

