

FABRICATION OF HYBRID POWER GENERATOR (WITH SOLAR TRACKING SYSTEM)

ABSTRACT

many power generator available in our country to generate the power here we design a model which is generating a power from natural claimatation .In our country the power problem is increasing day by day due to lake of rain water . To avoid the power problem in our country the hybrid power generator are used to generate power throughout the day and night. Hybrid systems can provide a steady community-level electricity service, such as village electrification, offering also the possibility to be upgraded through grid connection in the future. Furthermore, due to their high levels of efficiency, reliability and long term performance, these systems can also be used as an effective backup solution to the public grid in case of blackouts or weak grids, and for professional energy solutions, such as telecommunication stations or emergency rooms

The hybrid system can be designed following different configurations to effectively use the locally available renewable energy sources and to serve ALL power appliances (requiring DC or AC electricity).Hybrid systems allow for ALL productive uses of electricity (domestic, public and income-generating uses), permitting the scaling up of productive applications and rural development.

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