

SOLAR TRACKING SYSTEM WITH WEATHER MONITOR SYSTEM

ABSTRACT

Solar power is the fastest growing means of renewable energy. The project is designed and implemented using simple solar tracker system. In order to maximize energy generation from sun, it is necessary to introduce solar tracking systems into solar power systems. A single-axis tracker can increase energy by tracking sun rays from switching solar panel in various directions.

This single axis solar tracker project can also be used to sense weather, and it will be displayed on LCD. This system is powered by Arduino, consists of servo motor, rain drop sensor, temperature and humidity sensor and LCD.

BLOCK DIAGRAM

SANVI_EMBEDDED

