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Automated Solar Tracking & Water Pumping System

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Abstract: *Solar energy is an important means of renewable energy resource. Solar tracking urges extreme solar energy to generate out of the solar panel and enables to maintain a profile with the sun rays. The goal of our venture is to increase the amount of usable energy by utilizing a computerized tracking system to capture maximum intensity of the solar rays. This project deals with development of automated water pumping system using solar tracking. The rapidly increasing demand for energy calls a need for substitute for fossil fuels. Renewable energy source exhibits an outstanding figure for producing electricity without any fuel consumption*

Keywords: Solar Panel Tracking, Renewable Energy, Water Pumping, Automation, LDR

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