

SOLAR ENERGY POWERED EXHAUST VENT

Prepared by: Goh Chie Zhoung

ABSTRACT

My final project title is “Solar Energy Powered Exhaust Vent”. The abstract of this project is to design a exhaust vent which powered by solar energy. Solar energy is one of the major energy resources that can be fully utilized in tropical countries near the equator like Malaysia. Most of the exhaust vent system runs on electrical power. With the increase in environment protection consciousness, this project is looking into a renewable resources to replace non-renewable resources.

Besides, this project will not only help to conserve energy, it is also looking into another possible domestic application , by using solar energy collected from the sun to power air ventilation system. The requirement of this project is design a exhaust vent which able to runs by using solar energy.

In this project report concept of the design is described and pictures are attached for better understanding and imagination about how the actual model will look like. Furthermore, the work carried out for the project is mention for the reader to know how this project was accomplished.