CHAPTER 1

INTRODUCTION

1.1 Background Project

Following solar genset it's a new technology need to exposed to public because its will be the best machine at the future. a solar generator works by capturing energy from the sun via solar panels, storing the energy in its in-built battery, and converting the energy into AC power through an inverter before being released for use in household appliances and other electronic devices. In remote areas or regions where the electricity supply is patchy or extremely expensive, grids powered by diesel gensets are an absolute must. The cost per kilowatt hour of electricity from a diesel genset is largely changeable, depending as it does on fuel and other variable costs. For this reason, there is a clear financial justification for integrating a Save Energy PV-Genset solution into almost every diesel-powered system. Every unused diesel kWh saves money.

The main problem with generator is it needs petrol or diesel to generate electricity. Furthermore, the general requires maintenance and periodical servicing. Besides releasing gaseous pollutants, generators are also noisy, oil, heavy and consume space during its operation. So, I decide to proceed my idea to make a new solar genset to facilitate trades.

1.2 Problem Statement

I. Noise pollution from night market or from another stall

II. Generator leaks

III. Running out of fuel

1.3 Objective

I. To save petrol use

II. To upgrade the new generator

III. To reduce the noise energy

1.4 Scope of Project

I. Use motor inside the generator

II. Use solar to saving electricity

III. To avoid from pollution