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Management

"SOLAR – THE FUTURE OF THE EARTH"

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ABSTRACT Solar Energy is the most conventional source of energy which is always available and save the environment. The usage of solar energy was there from the ancient times but as the technology has developed the usage of other sources of energy like thermal ,hydro , electrical etc has increased which has created the imbalance in the global environmental conditions whose effects has already been started in the 21st century. As we are all aware of the major recent issues of the Global Warming in the World is the main factor which effects the all the geographical and atmospheric conditions of the whole world and also plays a key role in the life cycle of all the living and non living organisms.

Solar energy is the easiest way of energy which can be available anywhere and totally free of cost. The energy can be generated from the direct rays of the sun which fall on the earth if the energy is not consumed by us or not converted by us into the required from the energy is being wasted. So the energy which can be generated from the rays of the sun should be consumed by us by using its various method of conversion of solar energy in to any other form of energy. The Solar Energy can be converted to the electrical energy which can be useful from the daily consumption of the electricity at our premises or at any other place. The energy generated can also be stored in the batteries and can be utilized as and when required without causing any pollution to the environment.

KEYWORDS :

INTRODUCTION

There are several renewable sources of energy like hydropower, wind power, solar power etc. The hydro power is the largest portion of the power used for the power generation as it is the cheapest source of energy. The Wind and the solar energy are following the hydro power energy. Germany is the largest producer of the electricity from the solar energy in the world. The 4% of the annual energy needs is received from the sun alone. The major advantage of the solar energy is that the solar energy can be directly converted into the Direct Current by using the Photovoltaic Cells (PV) solar cells which are installed in the panels which are used for the generation of energy. The solar energy usage has been empowered by the Government of India since several years and has maximized the usage of the solar energy to save the environment and brighten the future of India. **"SOLAR ENERGY–TODAY'S RESOURCE FOR A BRIGHTER TOMORROW"** The solar energy is the only source energy which is available in abundant quantity and can be reached to a common man and makes him to be a part of saving the world from the Global Warming. It is available in large quantity and every part of the world compared to other fossil fuels, crude oils etc. The technology of conversion of the solar energy into electrical energy is the easiest way and has very low man power involvement. The maintenance of the solar energy generation system is the lowest compared to all other sources of the energy. This all small initiative will help us to conserve a lot amount of energy and save the world from the pollution. As **"WE ALL DON'T WANT TO MELT THE POLAR, SO WE SHOULD ALL USE THE SOLAR".**

METHODS TO USE SOLAR ENERGY.

The solar energy is the energy which can be available easily and can be utilized by all the people of the world irrespective to the location and the source of income. The only one thing in the consumption of solar energy is the initial cost of investment which may not be affordable by a common man. Looking to the present scenario of India the consumption of the solar energy is highly empowered by the Government by introducing the various subsidies for the residential as well as commercial projects or existing commercial works. Recently the Government of Gujarat has introduced the 600 MW projects to cover approximate 2, 00,000/- customers by the end of March 2020. There are various upcoming projects of the Government of India for empowering the usage of the Solar Energy as pollution is the major concern of the world.

a) Installation of Solar Roof Top System at Residential Building
b) Installation of the Solar Roof Top System at various places lying idle.
c) Installation of the Solar Pump in the farms for feeding the water in the farm
d) Installation of the Solar Roof Top systems in the vehicles for local movement
e) Maximize the usage of the Electric Vehicles
f) Preparing projects on the Solar Parks in the farm or the place where the land is not in use by using the Photovoltaic Panels.
g) Usage of Solar Cooker for preparation of food
h) Usage of Solar driven cycles or electrical bikes etc.
i) Usage of Solar Water Heater for the Residential as well as commercial use

CONCLUSION

Solar is the free source of energy which comes directly from the sun and if not utilized by us the energy will be wasted. We would hereby like to conclude that Save the other sources of energy and maximize the use of solar energy which is available FREE OF COST to us. The Sun is onlyone big battery for us which we can utilize the maximum without any cost or maintenance. If we conserve the other sources of energy and maximize the use of Solar because **"THE BRIGHT AND THE RIGHT ALTERNATIVE IS ONLY THE SOLAR ENERGY"** As we would like to say in simple word that To protect our world's future son and daughters act now by harnessing sun, wind and water. Maximize the use of Solar and brighten the world.

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