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### RENEWABLE ENERGY FOR SOLAR POWERED CARS

Renewable energy is energy from renewable natural resources that are replenished on a human timescale. In other words renewable energy is gotten from sources that is not depleted when used because they are naturally replaced.

In this essay i will analyse the importance of Renewable energy to the environment, which brings me to the focus of my essay topic, " IF I COULD INVENT A SOLAR POWERED CAR".

Have you ever thought of how the energies from sunlight could be used to power cars to move around the same was a gasoline car does? well it is very possible.

Solar cars use photovoltaic cells to convert sunlight into energy. Photovoltaic cells are components in solar panel that converts the sun's energy into electricity. Imagine a car that runs on sunshine!. A solar-powered car would be an amazing invention that helps keep our planet clean and healthy.

Firstly, i will like to enumerate some of the advantages of a solar powered car over that of a gasoline cars, and to show that this invention would not only benefit humanity but it will also benefit the environment and the safety of the earth at large.

**ENVIRONMENTALLY FRIENDLY:** Solar powered cars are much better for the environment because they don't release any carbon dioxide into the atmosphere unlike the gasoline cars. Solar-powered vehicles have zero emission level, as they don't utilize nonrenewable resources and burn fuel. and are an eco-friendly alternative to traditional gasoline-powered vehicles.

**ENERGY EFFICIENCY:** Internal combustion engines are notorious for wasting energy in the form of heat during the combustion process. In contrast, electric motors convert a larger percentage of the energy from the power bank into the wheels, resulting in a more efficient utilization of energy.

**REDUCED OPERATION COSTS:** Owning an electric car can lead to substantial savings in operating costs, electric cars require less frequent maintenance and are often cheaper to service. Moreover, the cost of electricity is generally lower than that of

gasoline, making it more economical to power an electric car compared to fueling a gasoline vehicle.

**PRESERVES NATURAL RESOURCES:** As earlier mentioned, solar-powered cars do not consume fuel, meaning solar cars help preserve natural resources like petroleum, which have limited reserves.

On the other hand, it's an accepted fact the popular saying "every coin has two sides" implying that concepts often have both positive and negative aspects.

The major disadvantage of a solar powered car one is the expense to set up. But if you would ask me, i will say this is not a major problem because one would still spend a whole lot on gasoline continually at the end of the day, more than the initial cost to set up an electric car.

To sum up, i think this invention of mine will increase the quality of life of people and also keep our globe safe from sound and air pollutions , hazards and depletion.