

By Dominic Galea 3rd grade
Mrs.Parnins third grade class,9
years old.

Solar Energy

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The history of solar energy by Dominic Galea

When Edmund Becqueurel french physicist, found out that photovoltaic effect in 1839 at 19 years old, photovoltaic effect is when a voltage is made and then it gets exposed to light. Solar energy is made by nuclear fusion that is also in the sun. The historians believe that archimedes, a greek inventor, already started using solar energy in the 3rd century bc. William Grylls adam and Ryan day, were the first people ever to observe an electrical current when an object is exposed to light. In 1767 the first solar oven was made. The work went to Horace de Saussure a swiss physicist who would create an a amazing invention. The American inventor, and Charles fritts, was the first ever to know what to do to make a solar cell.



Advantages and disadvantages of solar energy

by Dominic Galea

Advantages of solar energy

Solar energy has a lot of advantages to having solar energy, and because you don't need to keep buying and buying electricity. First, it decreases electricity bills, since you only get solar energy once. Finally, diverse applications, They are renewable resources that can come in handy without an energy grid. Solar energy can also be used to be integrated into buildings.

Disadvantages of solar energy

Solar energy has some disadvantages, and these are some of them. First the cost is pretty expensive for a lot of people, at least you use up a lot of space in your home. Finally, solar energy can mess with the weather. That is called weather dependent. Some rainy days will affect the solar energy. There are good and some bad things about solar energy, but at the end it equals out.

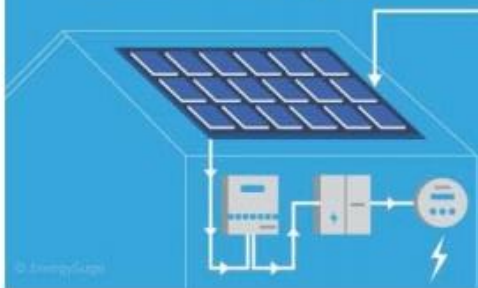
Some solar powered things run by these little bolts that are called photovoltaic (pv) panels. You can put these panels on a lot of things. Cars, houses, and it can even make the air cleaner from pollution. If you get solar panels you will save about \$8,000 instead of you buying electricity. picture by Michigan radio npr station. These panels are really strong when it comes to electricity because their powered by the sun. It can generate more than six gigawatts of power to go super fast, that's why there in races. The people who found out about solar energy are... Russell Ohl, Derrel Chaplin, Gerald Pearson, Calvin Souther Fuller. For each house you need at least 16 panels. But this house has 34.

By Dominic Galea



Fun Fact
Solar cars
Are only for
Solar car
Races But their
Available in 2221.

How is solar energy produced?



Solar energy by Dominic

Galea

One day solar energy will change the world and I'll tell you why. Solar energy is renewable, unlike a lot of energy we have. Renewable energy is better because we can keep using and using it. These solar panels will also help us out by having much more clean energy. Solar energy can be helpful for a lot of things. Such as solar

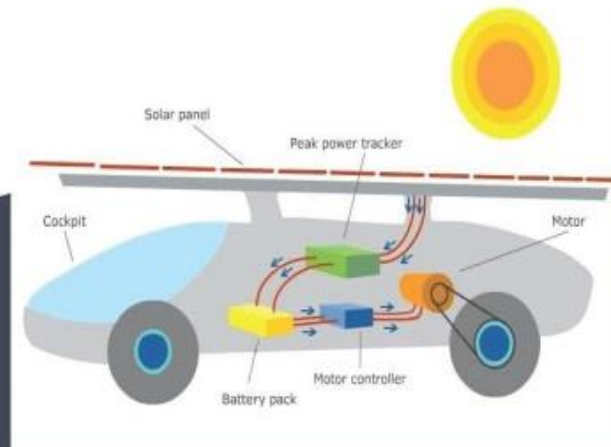
panels, houses, cars, fresh air, less pollution, and probably a lot of other things, maybe like our bodies, because of the clean energy so we don't get sick from the dirty energy by breathing it

up. people who have solar panels are doing a smart thing because they are saving money and making the world (or just there community but it still helping to make the world a better place) cleaner.

You can save money by getting solar panels because you only have to pay once for solar panels, then when you have to pay for normal electricity, you have to keep paying for it. Picture by energy sage. The largest solar powered thing is California's Mojave desert home

Solar Cars

These solar cars are also powered by pv bolts that power a lot of solar powered things. There is a very famous race that is held every 2-3 years in Australia. It is called the world solar challenge. It is held in Australia because it is very sunny there. This is how a Solar car works. First you haft to have a Solar panel, of course next, you haft to have a motor, after that you haft to have battery pack, now you haft to have a motor controller last but not least, a cockpit and a peak power track. Image by science learning hub. Solar cars save energy and does not pollute the air. The cars save energy, if we need electricity for needs we won't be wasting electricity on cars. Solar cars can go super fast, they can go up to 60 mph that is pretty fast for being powered by the sun.



All about me

Favorite things to do

by Dominic Galea

- . Playing sports
- . watching sports
- .

Dominic galea goes to Amerman elementary school and he 9 years old. He lives in Northville Michigan. He has 3 sisters and a mom and a dad. Some of his friends are Leo,kaden,Alex, Lucas, and Connor His favorite special is gym. His favorite school subject is science and ela. His least favorite subject is no math,



How solar energy works

Solar panels make electricity directly from sunlight. These (pv) have no moving parts in the panel. There are two types of power (AC) alternate current and (DC) direct current. (AC) is when it changes direction. (DC) is when it only goes in one direction. Vc vcf

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