

• What is solar power electricity?

It is different from thermal power and nuclear power.

It is good for the environment.

• uses solar panels and does not make harmful gases.

• It can be installed on ordinary houses

• It is simple energy for us.

• The way to make electricity is evolving day by day.



Advantage

• Doesn't make carbon dioxide.

↳ clean energy

• Renewable energy

• A mechanism that can supply power at the time of power failure is always prepared.

Disadvantage

• Light reflected by the solar panel bothers neighboring residents.

• "Heat is generated by the power of reflection"



Why?

**The future
of solar power**

13 HR 8 group

name



Japan is depending on thermal power, so global warming is now going on.

To get over this bad condition, we thought we should look again at methods of power and we became interested in the kind of clean energy.



Our group studied solar Energy's features, merits and demerits to use on a minicar installed with Solar panels and a Lux meter.

The result, the minicar runs when it is sunny. But on a cloudy day, the rotation of the wheel of the minicar weakend.

From this result, we found that the amount of photovoltaic power generation depends on the weather. So I found out that the merit of solar power generation is clean energy that can generate electricity only by sunlight.

The disadvantage turned out to be that the amount of electricity generated decreased on cloudy days and rainy days.

	☀️ sunny ☀️	☁️ cloudy ☁️
Lux meter	15000 ~ 20000	11800 ~ 12000