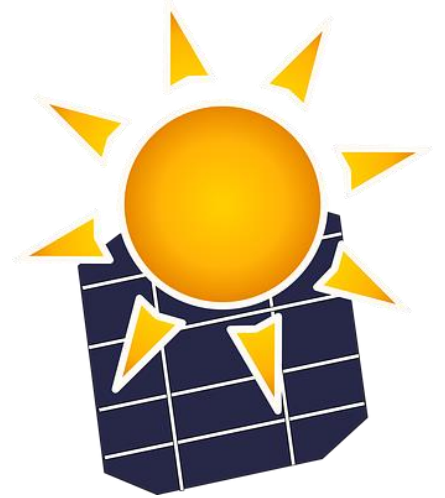


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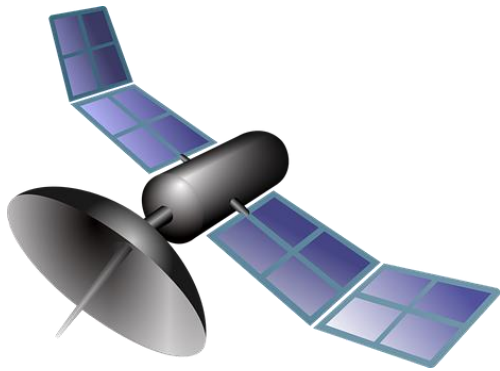
Energy Sources: Solar

Energy that the sun radiates is used to produce clean, renewable electricity through devices that we commonly call solar panels. This type of energy, called photovoltaic can power small stand-alone devices and produce enough electricity to power large electrical distribution networks.



Photovoltaic production capacity

Photovoltaic solar energy is the third most important renewable energy source in the world, after hydroelectric and wind energy. At the beginning of 2017, it is estimated that the installed capacity produced about 300 GW of power.



Beyond our Planet

Photovoltaic technology also predominates in satellites and other spacecraft; for example, the International Space Station, has photovoltaics systems that supply the entire complex.

Answer the following questions:

1. What two characteristics does the electrical energy from solar panels have?

2. What is the energy from solar panels used for on earth?

3. What place of importance does photovoltaic solar energy occupy?

4. How much installed capacity is there for 2017?

5. What is photovoltaic technology used outside the earth?
