

What is a Solar electric or Photovoltaic system?

Photovoltaic (PV) systems convert sunlight directly to electricity.

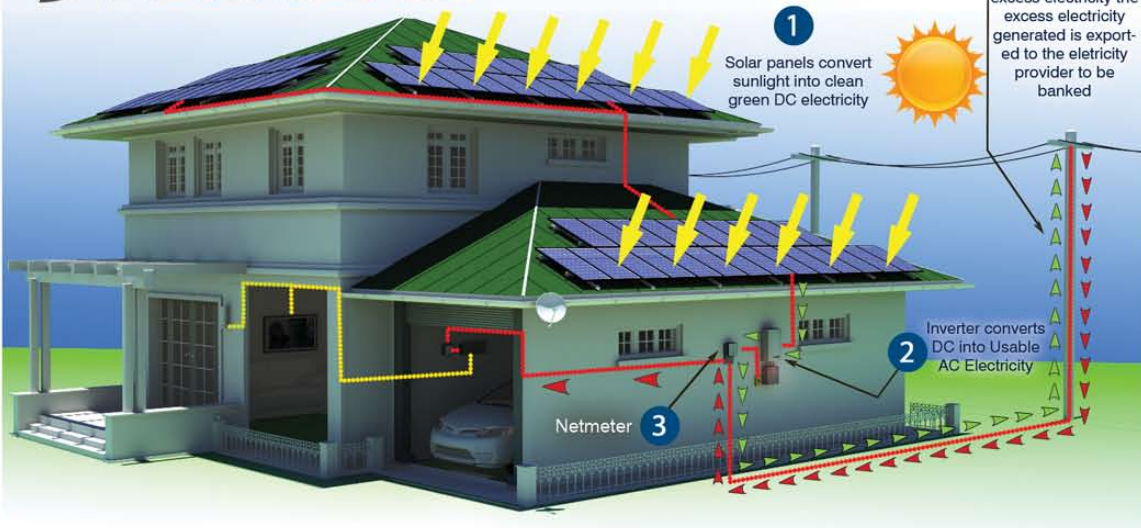
They work any time the sun is shining, but more electricity is produced when the sunlight is more intense and strikes the PV modules directly (as when rays of sunlight are perpendicular to the PV modules).

PV allows you to produce clean electricity without noise or air pollution from the primary renewable energy resource, the Sun.

How does the Solar Net Metering work?

- 1 The Solar panels convert sunlight into clean & green DC electricity.
- 2 The SolarEdge Inverter converts the DC electricity into usable AC electricity.
- 3 The Netmeter Calculates the amount of electricity used and the amount sent back to the grid separately.
- 4 In this system, the electricity exported back to the power grid is stored and will be used back whenever needed. This way the electricity bill will be reduced throughout the year.

Know your system implemented by JLanka



Solar Panel



Trina is one of the TOP Solar module companies in the world. High quality powerr olerance: -0/+3%

International Certifications:



Inverter



SolarEdge PV inverter combines sophisticated digital control technology with efficient power conversion architecture to achieve superior solar power harvesting and best-in-class reliability.

This also acts as the communication device between the solar panels and the Web Portal.

Power Optimizer



SolarEdge Power Optimisers have advanced Solar Module Level maximum power point tracking which makes the ordinary solar panels in to SMART PANELS.

Added to that feature they have advanced safety features such as DC safe and fire precention.

Web Portal



SolarEdge Integrated monitoring system with advanced solar panel module level monitoring to measure your own productivity.

Data are saved for online anytime and from anywhere access