## LED SAVES

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## How your system works





- 1. The solar electric panels, or modules, are usually fitted to the roof. The number of modules will depend on the nominal size of your system and, collectively, they are known as the solar array. The solar array converts sunlight into direct current (DC) electricity. 2. The DC electricity is fed to the inverter which is normally accessible from ground level. The inverter converts the DC electricity to alternating current (AC) electricity which is compatible with the electricity supplied to your house from the grid. Some inverters have a digital readout so you can monitor information like how much solar electricity is produced, etc. Refer to the separate inverter Owner's Manual for more information. 3. Your solar electricity is being used in the house during the day, some or all of the solar electricity will be used up immediately. Any excess will be fed through the meter into the electricity grid (called export or "feed-in"). If you generate more electricity than you use, your electricity provider will credit your electricity account. These "feed-in" tariff electricity credits will help to offset your household consumption.
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- 3. Your solar electricity system is connected to the grid on the "net metering" system. With "net metering", if electricity is being used in the house during the day, some or all of the solar electricity will be used up immediately. Any excess will be fed through the meter into the electricity grid (called export or "feed-in"). If you generate more electricity than you use, your electricity provider will credit your electricity account. These "feed-in" tariff electricity credits will help to offset your household consumption.