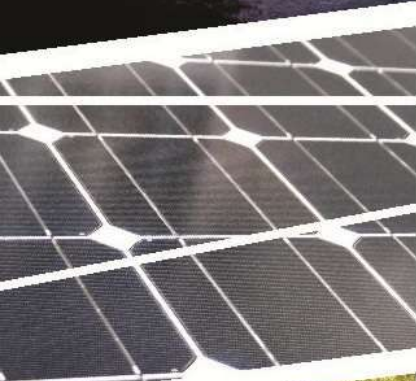




*Together, We Can Save the Planet*





## How Solar Energy Works

- A grid connected solar power system functions as a mini power station for your home
- Solar Panels convert sunlight into DC electricity
- A grid connected inverter transforms DC electricity into AC. Alternating current (abbreviated as AC) is the technical terminology for the form of electric power being used by households and businesses.
- A meter records the amount of electricity generated by solar panels.
- The unused energy is sent back to the electricity grid and energy company pays for that amount of electricity

## Facts about Solar Energy

- A home solar system is typically made up of solar panels, an inverter, a battery, a charge controller, wiring and support structure.
- A 1-kilowatt home solar system consists of about 5-6 solar panels and requires about 8 square meters of installation area.
- Solar Energy is measured in kilowatt-hour. 1 kilowatt=1000 watts.
- 1 kilowatt-hour (kWh) = the amount of electricity required to burn a 100 watt light bulb for 10 hours.
- Depending upon your location, our 1 kilowatt home solar system could generate as much as 2,350 Kilowatt hours per year.
- The Sun has sufficient helium mass to provide the Earth with energy for another five billion years. It emits enough energy to power humankind for an entire year in 1/816,000th of a second! The Earth receives only one half of one billionth of the Sun's radiant energy, but it just a few days it gets as much heat and light as could be produced by burning all the oil, coal and wood on planet.
- Worldwide, approximately two billion people are still without electricity. For this population it is economically more viable to install solar panels than to extend established electricity grids.

*Protect yourself from future Energy Price Hike*



## Why Go Solar ?

- Beat rising energy prices.
- Start saving money on your electricity bill immediately.
- Become energy neutral and never pay an electricity bill again.
- Reduce your carbon footprint and help save the environment.
- Requires no fuel.
- Has no moving parts.
- Produces NO emissions.
- Generates NO waste.
- Manufacturing has minimal impact on land use and ecology.
- Reduces our dependence on coal and oil-conserving fossil fuels.
- Low maintenance.
- Increase your home value by up to \$ 37,000.
- Save carbon emissions-solar power alone can reduce approximately 8.5 tons to CO2 per household per year which equates to taking 3 cars off the road.

## Why OZ Solar Energy Solutions?

- We ensure Maximum government rebates are available to customer.
- We ensure comprehensive review of your energy and the budget requirements before recommending the best solar solution to maximize output and value for money.
- Keep up-to-date with the latest technology advancement in the market place.
- Organize customized finance options with convenient repayments.
- Bring a professional, ethical and environmental approach to all aspects of design, installation and service of our products.
- Keep up-to-date with the latest technology advancements in the market.

## Government Rebates :-

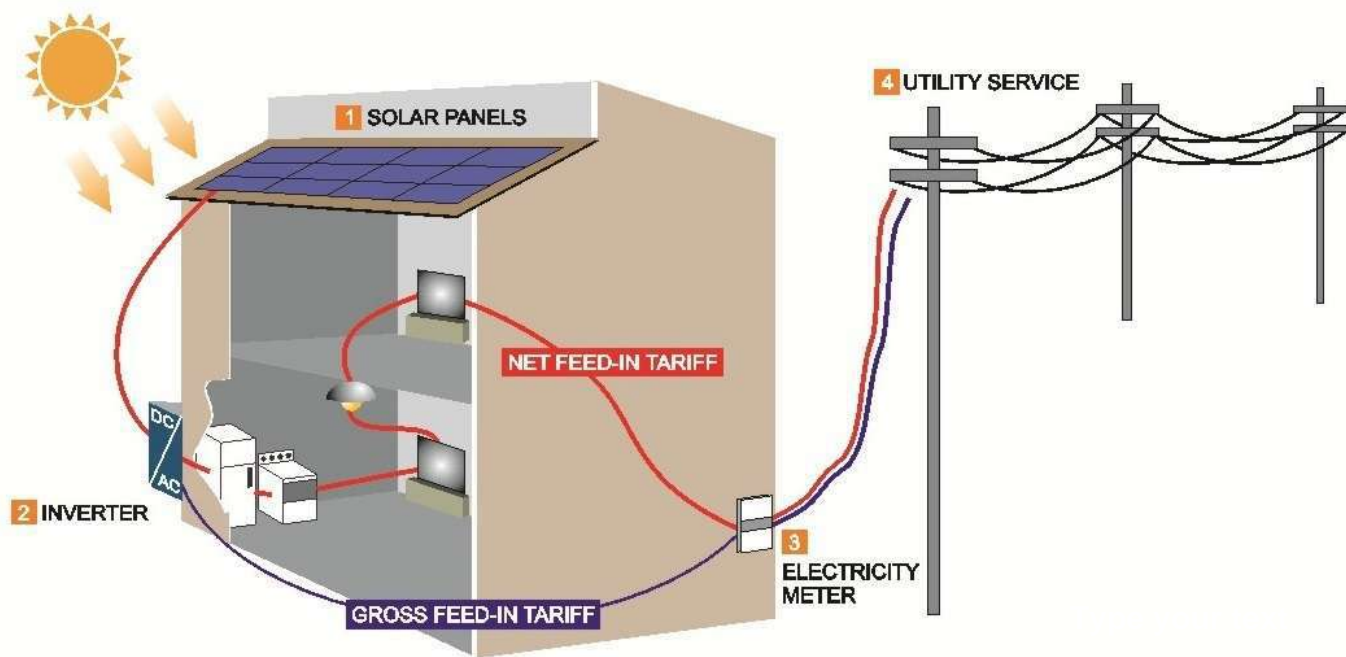
Financial assistance provided by Government to switch over to solar power:

- Renewable Energy Certificates
- Solar Credits
- Feed-in tariffs

Please contact our friendly staff for further details.



*Energy Prices Likely to Triple in the Next 10 Years*



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