

## RECS

Renewable Energy Certificates or RECs are a form of electronic currency, which can be created following the installation of a complying renewable energy system.

Each REC has a \$ value that can vary daily according to market demand. The Ozroll group also has established a REC trading company which is licensed to create, trade and sell RECs on the market.



## Feed-in Tariff (FIT)

A feed-in tariff (FIT) is a payment to electricity customers who generate power from renewable sources and feed some of that power back into the electricity grid. The payment – from your electricity company - rewards consumers and business who install renewable energy generators such as Ozroll rooftop solar photovoltaic (PV) systems.

Check with local government as Feed-in Tariffs may varies between states and territories.



# SOLAR PHOTOVOLTAIC

## ENERGY EFFICIENT SOLUTIONS



For more information on Ozroll Solar Photovoltaic

[www.ozroll.com.au](http://www.ozroll.com.au)

1800 OZROLL (697655) OR +61 8 8368 0263

Dealer Details

## OZROLL Industries

Ozroll Industries is a privately owned Australian company that has achieved ongoing success and continues to grow and develop to remain a market leader in many fields.

We provide, manufacture and design an extensive range of world class products, sure to suit any home owner or business operator.

From inside and out, top to bottom, we have everything covered including;

- Roofing Products
- Roller Shutters
- Garage Doors
- Solar Energy
- Window Coverings
- Louvre Shutters
- Rendering
- Solar Hot Water

Our emphasis is on providing our customers with the best possible quality and service, therefore from point of order to final delivery you can be assured of our utmost attention and ongoing commitment.

With electricity prices rising a conversion to a solar energy system can save you money on your electricity bill each year. In addition, further savings can be made with the introduction of Government Rebates and Renewable Energy Certificates (RECs).



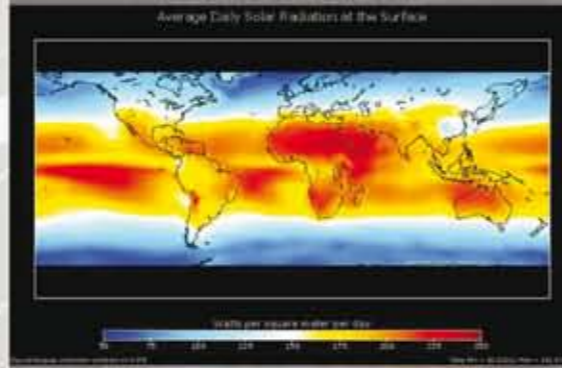
## Environmental Benefits = COST SAVINGS \$\$\$

Installing solar technology reduces the amount of fossil-fuelled electricity you need to purchase from the electricity grid. This significantly reduces the amount of harmful greenhouse gas emissions AND saves you money.

- ✓ Solar Energy helps reduce your carbon footprint as it is a clean energy alternative.
- ✓ Solar Energy does not contribute to global warming, acid rain or smog.
- ✓ Solar Power therefore, actively contributes to the decrease of harmful green house gas emissions
- ✓ Solar energy produces no waste and no pollution.
- ✓ Solar power is quiet

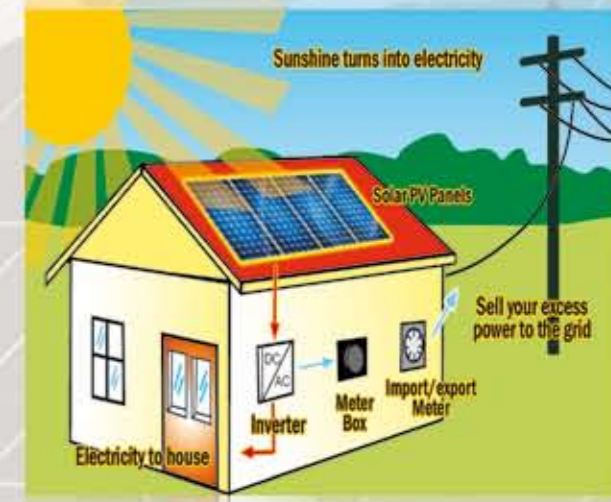
## OZROLL Solar Photovoltaic System

Ozroll Industries has a full range of solar systems designed to power you, whatever your needs may be. With a system to suit every Australian family and business, Ozroll Industries use only advanced and proven manufacturing processes which provides only the very best in the supply of mono-crystalline panels, inverters and other solar components. If you live in an area not serviced by the main electricity grid, Ozroll Industries may also be able to offer you an Off Grid System.



## How does Solar Photovoltaic work?

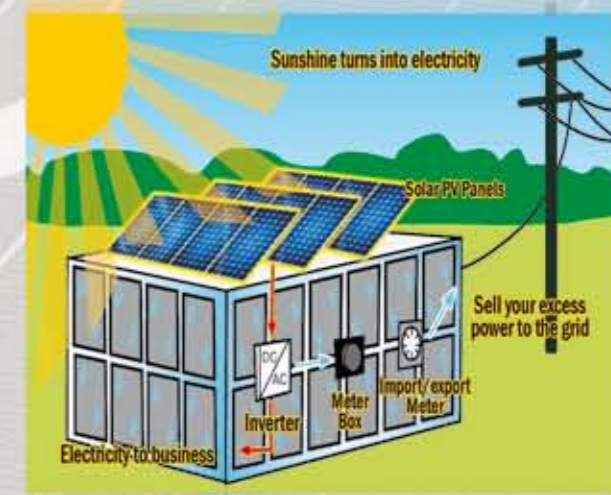
1. Sunlight hits the **PHOTOVOLTAIC PANEL** array and is absorbed by the silicon in the cells.
2. The electrons produced create a direct current (DC) and run from the solar array into an **INVERTER**, which converts the electricity into 240v alternating current (AC), and it is the exact same type of power that you currently receive from the grid.
3. Ozroll Industries' solar panels give you the power to effectively slow, stop or even send your utility meter backwards. Obviously this depends on the size of your system, the time of day and your power requirements.
4. The AC power is used to run everyday electrical items.
5. Excess power is fed back into the grid particularly if a feed-in tariff applies in your area, this is actually making money for you.



## Why choose OZROLL Solar?

Ozroll only supply the highest quality **monocrystalline** solar cells which are cut from large single crystal ingots grown from **molten silicone**. They are joined together with solder on the front surface to provide electrical connection points using fine soldering methods.

- ✓ There are **72** individual cells in each Ozroll solar panel
- ✓ All panels are **IEC61215, and IEC61730** internationally accredited
- ✓ All grid inverters are **AS4777** accredited
- ✓ A hardened glass cover, a **polymer EVA sheet** and a **special back layer** is added to provide strength and moisture protection to the panel which is laminated together to form the finished Solar panel
- ✓ Unique **robust aluminium frame** which is built around the panels for added protection and structural integrity.



## OZROLL Solar Products

**Residential System**  
1kW ~ 3kW



**Commercial System**  
3kW ~ 10kW



**Solar Farm System**  
10kW ~ 10MW

