

By Ecosales

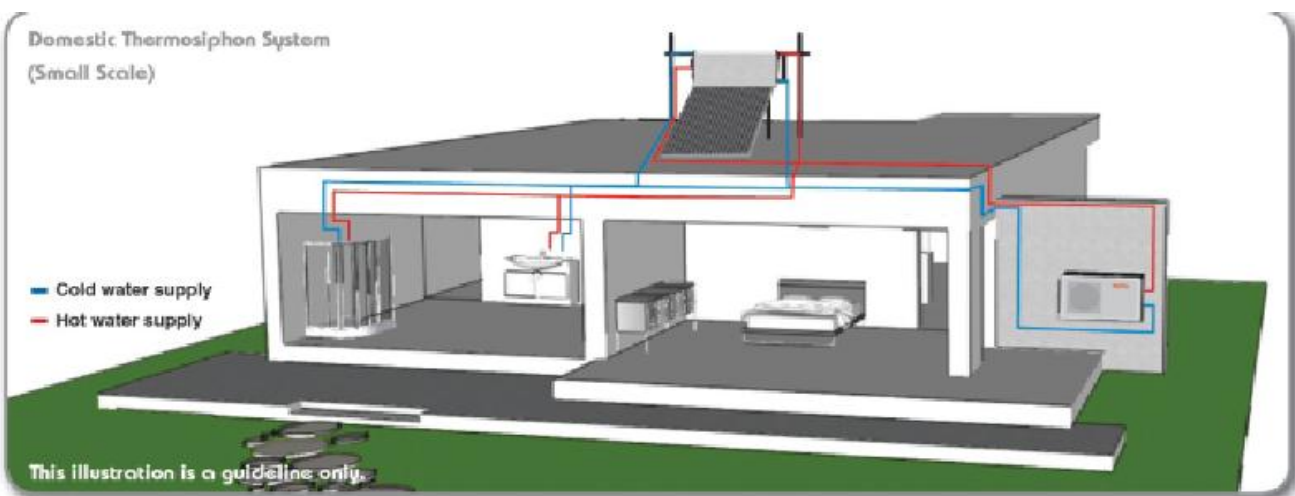
Saving power in your new home or warehouse is the only way to make sure your investment is at its full potential. We at Ecosales are exactly in the same situations as all our clients, we know the best energy efficient way to save you money and provide a greener environment for your specific needs.

By determining what each individual specific energy needs are we can offer the best system or combination thereof to suit our clients? We have consultants that can assist you or your developers in sizing the correct system. From basic Solar Water Heating domestic and commercial and off grid Photovoltaic systems. Ecosales consultants have been selected from a range of renewable fields and we have an expert in each field. Ecosales is committed to changing the perception that going Green is expensive and rather essential.

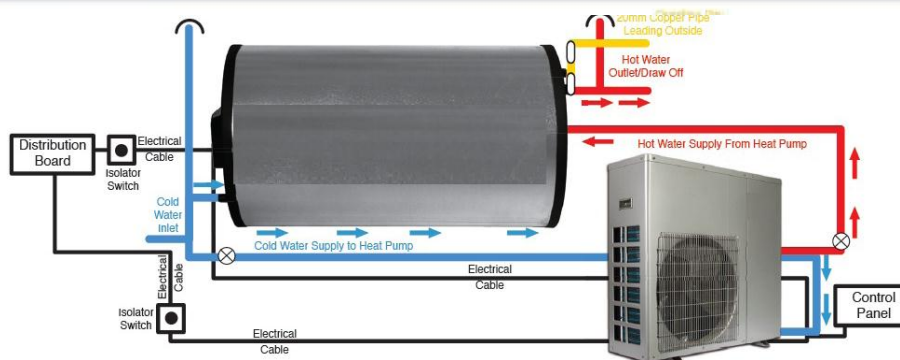
Domestic Thermal Heating: Hot Water

Domestic Thermosiphon System –Small scale

The system works on the principle that water is heated it gets less dense and rises to the top of the container. Colder water then moves in to the bottom of the container to replace the hot water. There is no electrical circulation pump involved. This system is very efficient and normally used in domestic application. It is suggested to use a Heat Pump as back up energy which could save you 90% on your Hot Water Bill. (Hybrids)



**Hybrid Solar System:
Typical Installation**

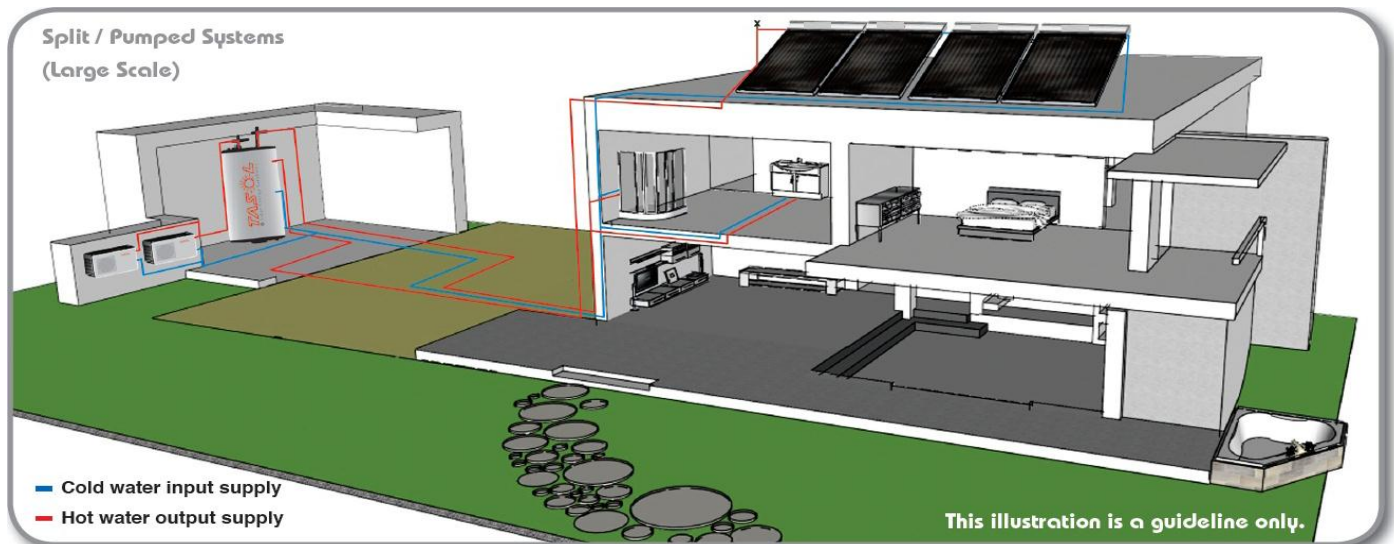


Domestic Thermal Heating: Hot Water

Split / Pumped Systems- Large Scale

The collector is above the geyser, normally on the roof. The complete system is under pressure and a small circulation pump is required to circulate between the collector and the storage tank. A vertical tank on the outside is suggested as it is more practical and efficient. A domestic heat pump is installed outside, as a backup energy system which in effect replaces the electrical elements. This method results in a saving of 90% on your hot water heating bill.

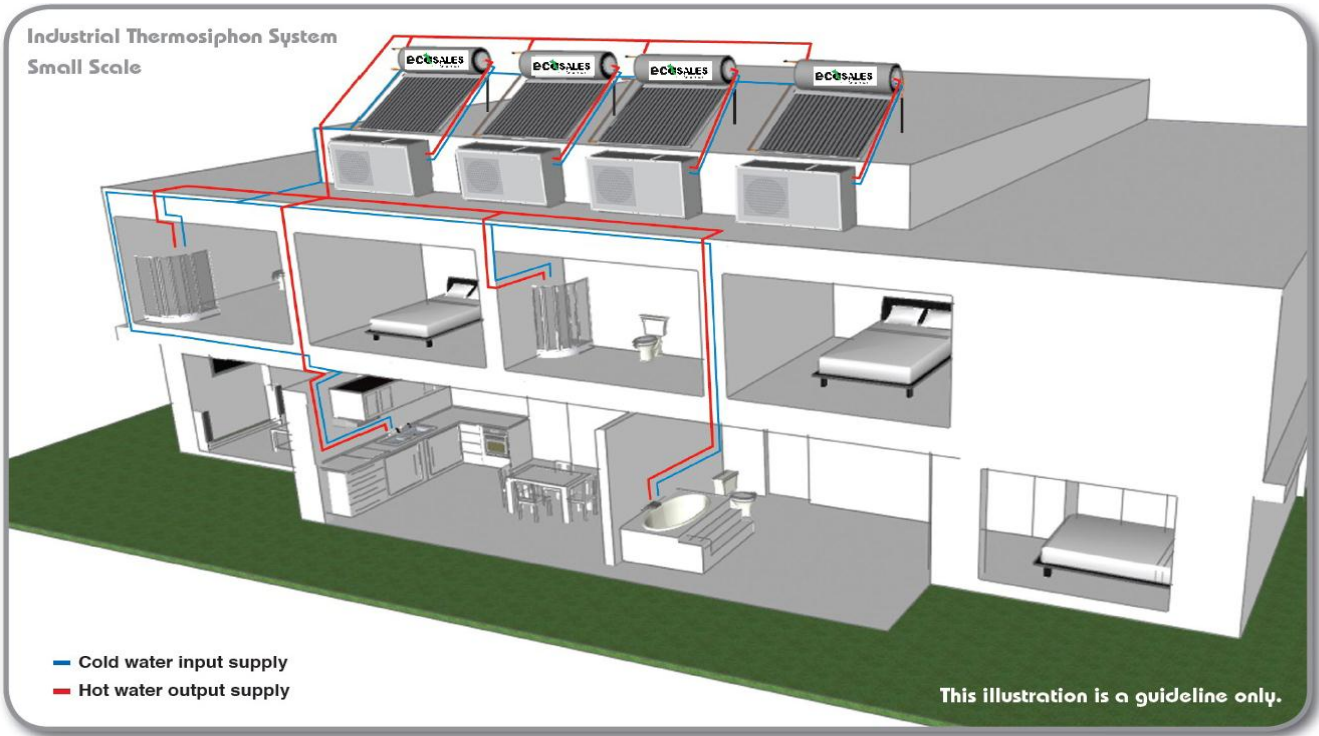
Sizing is important on large scale projects, therefore let our consultants assist you to optimize your systems.



Industrial Thermal Heating: Hot Water

Industrial Thermosiphon Systems- Small Scale

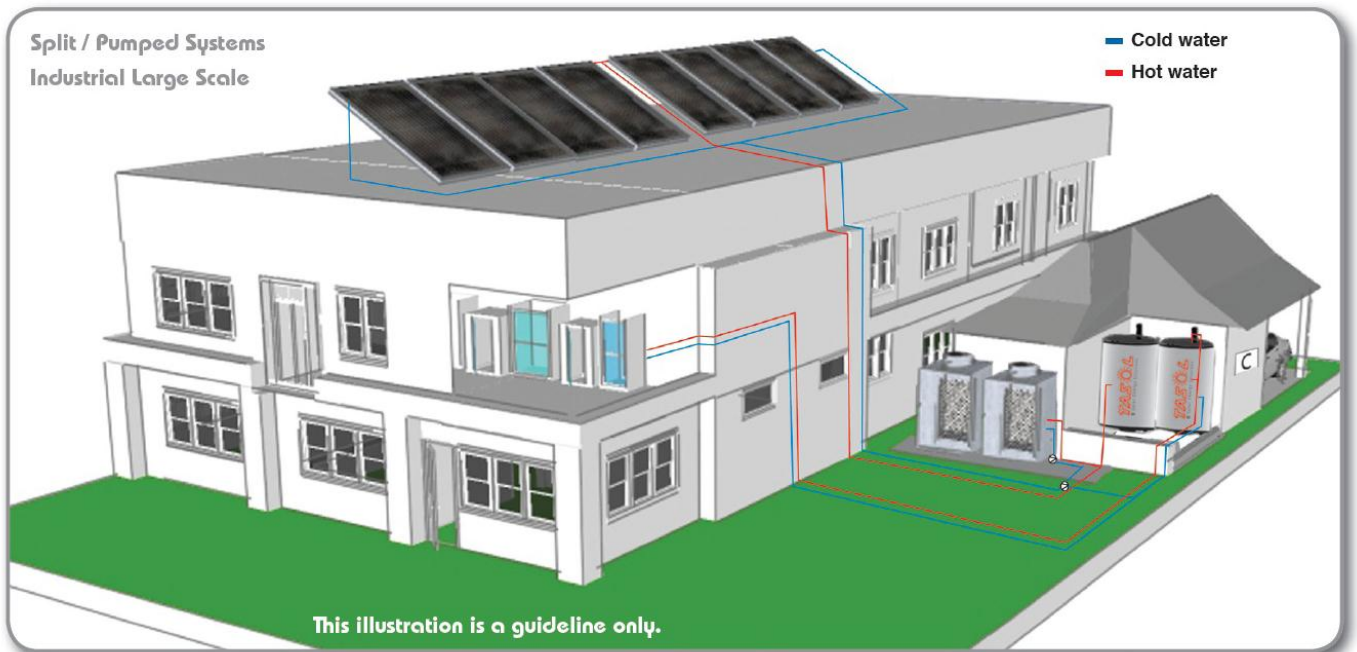
These systems are very reliable and cheaper to install than most solar systems. They can be joined in series or parallel to increase capacity. You could use Heat pumps as a backup instead of elements.



Industrial Thermal Heating: Hot Water

Split / Pumped Systems – Industrial Large Scale

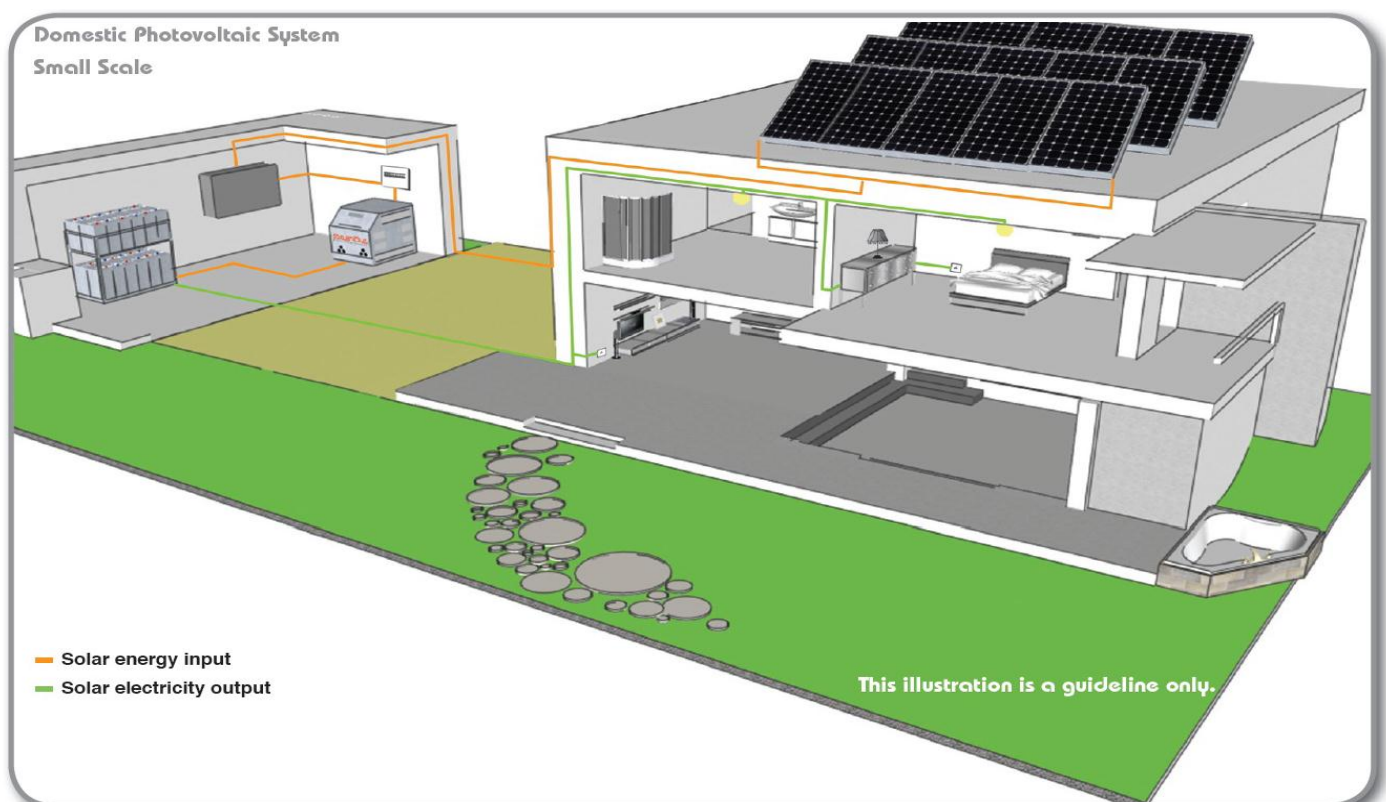
Systems are installed with either direct (water cylinder) or indirect (water and Glycol) configurations. They are placed in series or parallel matrix with large tanks. A solar controller operates the system.



Photovoltaic Systems: Off Grid

Domestic Photovoltaic System –Small Scale

PV is traditionally expensive and consumers are reluctant to make this investment. In rural area's this has become essential. To save costs it's important to firstly consider changing your way of operating your household by purchasing low energy products and appliances before you consider going of Grid. There are many ways to achieve this and our consultants will assist you with these different options. Standard operation is PV through battery bank and inverters. The selection of this is vital to ensure that you can expand the system cost effectively if required. The controllers must match the plant designed. The system components such as batteries, inverters and controllers are stored in a well aired room where the temperatures and humidity are not too high. There are software programs available and data can be captured (via the Internet or USB port)



Solar Electricity – Photovoltaic's

- Energies Your Home with Solar Power
- Create a Measure Independence
- Reduce your Carbon Foot Print
- Install Clean Green Energy Power

YOU HAVE THE *"Power to Save"*

ECOSALES Solar Company provides professional solar energy system design, sales and installation in the Western Cape and Agents / Distributors over the Rest of South Africa and Africa.



SOLAR ENERGY is INDESPENSIBLE and INEXHAUSTIBLE

Now you can supply electricity to your home with nuclear power from a reactor safely located 93 million miles from earth. This source of power is infinite, plentiful, distributed and nonpolluting.

A tremendous value of grid connected solar power is the ability to peak. In the middle of the day is when you get maximum power generation and this happens to be when utility systems have the highest load. The use of solar power matched with conventional utility systems can drastically reduce the need to build more fossil burning, polluting power plants.

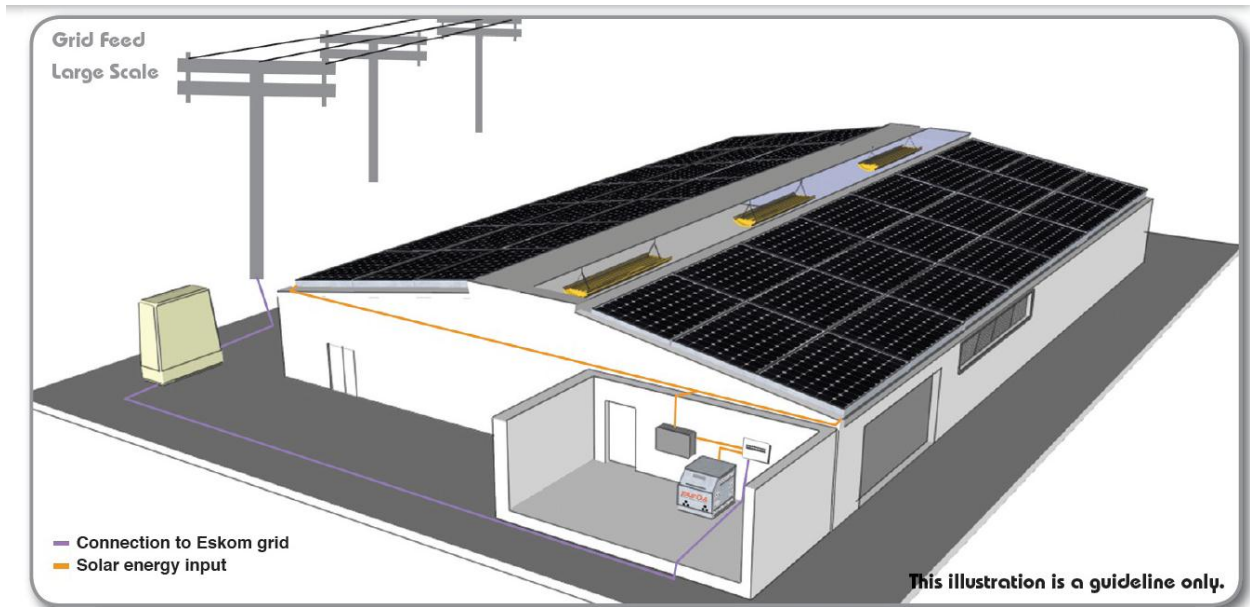
In fact solar power will become so complementary to the utility grid that utilities will offer to tie back into their Grid in the near future whereby you will receive a rebate on your solar systems.



Photovoltaic Systems: Grid Feed Solar Power

Grid Feed –Large Scale

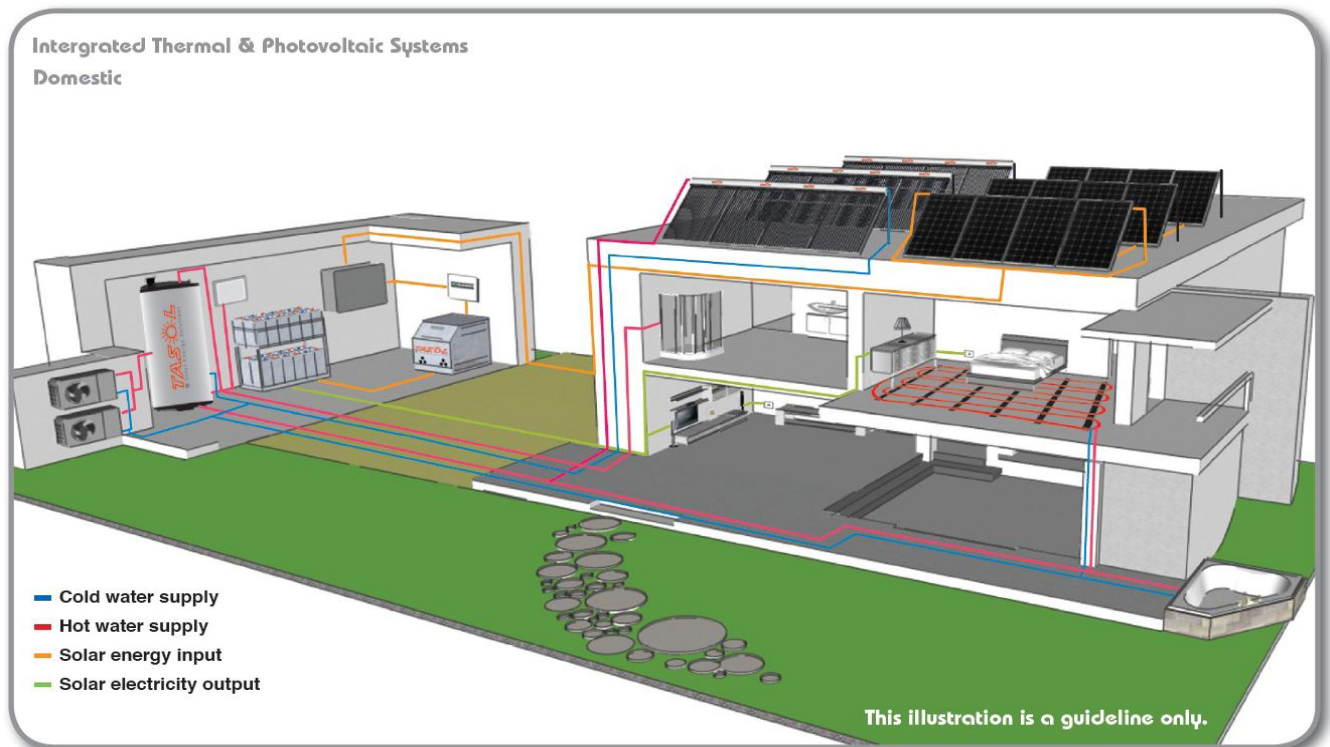
Large PV plants are needed to ensure growth ahead and careful planning is required. Ecosales has developed close relationships with specialists in the large PV field to ensure that our clients' needs are taken care of saving you costs on installation and supply of equipment. These systems are monitored for performance and problem solving.



Integrated Thermal & Photovoltaic Systems

Integrated Thermal & Photovoltaic Systems –Domestic

In the future all homes will have this system a comprehensive energy service to make the consumer less dependent on connection to Eskom. This will add immense value to your property and in turn your home into a total Green home.



Other related energy saving products we market:

Bay light



Pool Pumps



Solar Kits



Save 70%

Save 80%

Save 100%

Save today on your Energy Usage!

And many more products go to: www.ecosales.co.za