



A Guide To Going Solar

While New Year's resolutions often don't make it all the way to April, if one of your resolutions was to lower your electricity bill, then you should greatly consider switching to a renewable energy solutions such as emission-free solar power.

No matter how big or small a purchase may be, a smart consumer always does some research before committing, making entirely sure that they have picked the best option.

As a leading name in Solar Power South Africa, dealing with the engineering, procurement and construction stages of solar installation, [company] has compiled a short solar power guide.

How does Solar Power Work?

Our scorching sun is a naturally occurring nuclear reactor that releases tiny packets of energy known as photons, which travel from the sun to the earth in about eight-and-a-half minutes. Every hour, enough photons impact our planet to theoretically satisfy global energy needs for an entire year.

Our ability to harness the sun's powerful energy is rising, with solar efficiency and technology improving and costs dropping rapidly.

A standard [solar photovoltaic](#) (PV) system is made up of PV panels and a [solar inverter](#). The PV panels transform the solar energy into Direct Current (DC), while the inverter converts the DC into Alternating Current (AC), which is required for the normal functioning of appliances.

How much do Solar Panels Cost?

It's important to remember that there isn't a one-size-fits-all answer to estimating the cost of installing a solar power system. The costs of a rooftop solar installation will depend on multiple factors, including:

- How much sun your rooftop location receives
- The size of your rooftop
- The amount of power that you use
- The solar financing option that you choose
- What solar power incentives your municipality offers

[Company] will start the solar power installation process by sending an engineer to evaluate the solar potential of your property.

The Solar Installation Process

With solar projects of any size, planning is crucial. [Company] prides itself on expert design and meticulous planning, testing sustainability as well as the economic and ecological value of the project.

As a Solar Power EPC, we handle the project from inception to completion, keeping our clients completely informed along the way.

Find out more about installing solar power on your roof.

Achieving Powerful Returns with Us

[Company] supplies clients with effective and efficient solar power solutions of every shape and size.

Contact us if you have any further solar power questions, or are ready to realise your solar power dream!