

Popular Solar Geyser Options in South Africa

A closer look at some of the options South Africans have for saving significantly

CAPE TOWN, WESTERN CAPE, SOUTH AFRICA, January 10, 2019 /EINPresswire.com/ -- Those who are vigilant about monthly expenses no doubt fear the municipal account. For one, mismanagement of municipalities in the country has led internal problems, especially where accounts are involved. Inaccurate readings, rolling out new systems only halfway, payments that do not reflect as they should, these are just some of the nightmares staring every day South Africans in the face every month.



The unfortunate truth is that every day South Africans only have so much control in terms of service delivery, as well as ensuring they receive accurate and fair accounts for utilities. But within a home or business environment, the owner has much greater control, and also the ability to prevent excessive accounts.

For example, heating water in the average home usually makes up 50 percent of the electricity costs. In other words, a big part of electricity costs is directly connected to the geyser. And the reason why the geyser requires so much energy is due to the resistance wire element inside the tank, which is responsible for heating the water. Given the basic way a geyser operates, it is natural that a lot of energy gets wasted.

The most effective and permanent solution for saving almost 50 percent on electricity costs would be by installing a solar geyser. And South Africans should be happy to know that they have several options available to them thanks to suppliers and advisors like [Solar Advice](#).

To get some perspective on how solar geysers have evolved over the years, here is a breakdown of the choices available right now.

- Flat Plate Collectors

Flat plate collectors are the most common choice, mainly because they are very durable and do not get as hot as the evacuated tube alternative. Although it is slightly less efficient during cloudy weather, flat plate collectors can easily heat the water up to 60 or 70 degrees on a typical day.

- Evacuated Tube Collectors

The evacuated tube collector option is also very effective at providing the home with sufficient hot water. However, the design is different when compared to a solar panel. With a panel, silicone cells are cemented inside the frame, whereas the tubes receive a special coating for

absorbing sun rays. Naturally, the solar panel is more durable, but the tubes can easily withstand typical South African weather. Why are tubes used? Because tubes can track the sun for longer.

- Retrofit Kits

For home or business owners who do not want to install a new geyser just to enjoy the benefits of solar power, they can look into different retrofit kits. These allow the current tank to be utilised with the panel you purchase separately, along with the necessary fittings and valves.

While taking control inside the home or business might not eliminate the problem completely, it can make a significant difference. And over time, there is no telling how much independence can be gained by implementing small changes.

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