Green electricity bloemfontein

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The Pulida solar park is located in South Africa"s Free State province, around 70km from the town of Kimberley. This agricultural area is home to thousands of farms and is considered the breadbasket of South Africa.

We"ve developed a partnership with Greensource to build sports facilities in communities facing water scarcity and, thanks to the Huddle Up project, we"ve built a school soccer field that is capable of collecting and conserving water.

With our Free Wi-Fi project, we"ve contributed to the creation of free Wi-Fi networks at both local and provincial levels. By installing Wi-Fi hotspots at schools, we"re also promoting the use of educational content and offering free access for students and teachers.

Finally, in partnership with a number of independent energy producers, we"ve created a fund to support young people from disadvantaged communities who have achieved excellent academic results.

Do you never know when the power is going to die on you? If you answered yes to any of these questions then you might be thinking of a Solar Power Installation. Our Solar Power Installers offer

If you are thinking of getting a solar installation contact Solar Energy Installers today by completing our online form and we will connect you with a leading Solar energy provider in Bloemfontein and surrounding areas: Rayton | Bainsvlei | Bayswater | Brandwag | Fichardt Park | Langenhovenpark | Universitas | Westdene | Bloemfontein Central | Glen

Solar energy produces renewable or “green” energy by harnessing the rays of the sun. Solar panels, also known as photovoltaic cells, are the most popular way of harnessing solar energy.

These are also the panels that you will notice on the roofs of houses and other buildings. Semiconductor materials are used to make the cells. The sun’s rays strike the cells and dislodge the electrons from their atoms. This makes it possible for electrons to move freely within the cell and produce electrical energy.

Secondly, there are also solar thermal solutions that use the energy of the sun to heat water or other liquid solution that can then be used to heat a house or property or produce steam that can then be used to turn a turbine that produces electrical energy.

Sometimes it can make sense to start by setting up a system merely to cover your essential power requirements during load-shedding. Scaling up to a full solar conversion is possible by later adding solar panels and additional batteries to the system.

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To give you an idea, a certified installation for a backup solution that would offer 4 -6 hours of power will run you about R90,000 for low-use families, R100,000 for medium-use households, and up to R150,000 for high-use households. When the grid fails, a battery backup will seamlessly switch over to backup power.

The battery backup typically has enough power to run your lights, refrigerator, freezer, and necessary plugs, but not heating appliances like ovens, toasters and electrical heaters. However, keep in mind that the expenses mentioned are for a battery backup only that is powered by the grid, not a solar panel.

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