

SolarElectric

BUSINESS PROFILE

Our company has been operating since November 2015. We are a Solar PV (Photovoltaic) company based in Noordhoek, Cape Town and would like to offer our services to you. We are licensed, registered and have nearly 30 years in all aspects of the electrical field from domestic houses to commercial building services and industrial sites. We also have 10 years experience in the energy management industry.

Solar PV is seen by most as a huge cost rather than a wise investment, which pays for itself very quickly and saves on electricity costs. No more worries about electricity hikes or load shedding. As you are aware, South Africa is using mostly non-renewable resources to power the Power Stations, which is very harmful to the environment. More and more people are installing solar PV to become more self-sufficient and less reliant on Eskom.

Benefits of installing a Solar PV System.

1. Save on your electricity costs,
2. Less impact due to tariff increases,
3. Generating your own renewable energy,
4. Backup to reduce load shedding impact,
5. Increase of property value,
6. Good return on investment for years to come.

We have installed a solar PV system on our own house and it is open for viewing, to showcase the workmanship and to explain how these systems work. Savings are being measured and recorded to verify accurate savings and these measured savings are used in the calculations for sizing the system and payback period.

We will work with potential clients regarding what they would like/require. A site visit is required in order to perform an audit and thereafter a quotation will be given, so that the client can make an informed decision.

Examples of Systems

Domestic house: Full hybrid system, solar array, battery bank, set up for self-consumption with battery backup for load shedding/power outages.

Business Premises: Grid tied or full hybrid system to optimise self-consumption, solar array with or without battery backup.

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What we offer;

AUDITS

Collect all the relevant information in order to **SIZE** the new solar system, the **TYPE** of solar system to be used, **SAVINGS** and **PAYBACK** period.

Investigate the existing electrical reticulation changes required for the new solar system.

We will also look at energy efficiency and load shifting to optimise savings and self consumption.

INSTALLATIONS

Install solar array on roof tops or suitable location. Install inverters, charge controllers, hybrid inverters, battery bank and all electrics. Install all AC and DC safeties. Installation will comply with SANS electrical regulations. Test and commission, client training, handover the complete installation and technical manuals, issuing of a Certificate of Compliance (CoC).

MAINTENANCE AND REPAIR

We offer maintenance and repair to any PV system. We can be called out when required or arrange a periodic inspection and maintenance.

Please give us a call should you wish to discuss anything further or to set up an appointment.

Regards

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