

VOLTRON ENGINEERING (PTY) LTD

Company Profile

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About Company

VOLTRON ENGINEERING (PTY) LTD was established by a group of professionals from the Electrical Engineering Industry with an aim to provide the best quality workmanship and service excellence. Our sound knowledge of Electrical Engineering and our extensive experience across board allows us to be hands on in every aspect of the job from start to finish.

Voltron Engineering is committed to comply with safety environmental and quality standards at all times. For service that will exceed your expectations, trust Voltron Engineering.

Management Team

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Vision & Mission

Vision

To become the electrical and electromechanical leaders in Southern Africa through provision of holistic, innovative and exceptional service across all industries.

Mission

Voltron Engineering is committed to providing our clients with state of the art solar power systems and electrical solutions to meet their objectives within budget, within time and within quality requirements. Through the use of current technology, innovative ideas and excellent professionalism we will meet all obligations to our clients, employees and society as a whole.

Our Values

- Professionalism
- Integrity
- Respect
- Commitment

Solar Energy **Services**

Our aim is to accelerate the adoption of solar technology across Africa to conserve our beautiful environment and provide an eco friendly, sustainable and conflict free power supply.

With the Eskom power grid experiencing increased pressure through lack of maintenance and other factors, electricity supply in South Africa has become unreliable and costly. Solar power offers long term, sustainable and a viable alternative to electricity.

We are experts in designing, installing and maintaining Solar installations for both residential and commercial applications.

Advantages of solar energy:

- ▶ Save money on monthly utility bills
- ▶ Increase property value
- ▶ Clean renewable source of energy
- ▶ Low payback period 3-5 years (dependent on certain factors)
- ▶ Guaranteed reliable performance with a long design life

Voltron Engineering also does installations for the following solar products:

- ▶ Solar water heating geysers
- ▶ Solar street lighting
- ▶ Heat pumps for home and pool applications
- ▶ Solar powered water pumps

To compliment your various solar energy system, we also provide the following gas installations to maximize on your power saving capabilities.

- ▶ Gas Stoves and Ovens
- ▶ Gas Geysers
- ▶ Gas Heaters



Electrical **Services**

Our dedicated team made of electrical engineers, installation inspectors, qualified electricians and assistants are committed to providing the best electrical service to suit each clients distinctive needs.

We are specialists in the following services:

Electrical Contracting

Voltron engineering is a registered electrical contractor and a member of ECA. We do all single phase and three phase installations for domestic, commercial and industrial customers. Our electricians have vast experience in the construction industry and we are conscious of all required regulations e.g. SANS 10142 and departmental/municipal electrical specifications e.g. department of public work specifications.

Maintenance Contracts

We offer electrical maintenance contracts to property owners from a minimum of three months and up to 3years. Our quality workmanship gives peace of mind and we are available 24/7 to attend to any emergencies.

Automation and Control

- ▶ Shutdown electrical maintenance services
- ▶ Industrial machinery installation services
- ▶ Fault finding services

Fibre Optic installation

We do fibre optic stripping, cleaving, splicing, recoating and dressing. We also do ducting work for fibre optic cables.

Electrical **Services**

Certificates of Compliance

We issue CoCs to real estates agents for property sales and all installations were a CoC is required. We comply to strict standards and procedures as prescribed by SANS 10142 and only issue a CoC once our qualified electricians have satisfactorily inspected and tested the installation.

Generator and UPS

We design and install your stand-by and backup power system that best suits your nature of business. We install robust, peak performance generators of a rating of up to 1MVA. We also maintain and service your existing stand-by and back-up systems.

Energy management

We provide energy audit services to domestic, commercial and industrial clients. Thereupon we advice on best energy saving technology systems to minimize your baseline cost through energy efficiency.

Lightning protection and Earthing

We design and install lightning protection systems, all in accordance with best practice standards and procedures as described by SANS 10313/IEC 62305.

At Voltron we exercise quality control by using right tools, skilled manpower, clearly defined standard operating procedures and quality materials which are SABS approved on all our electrical installations. We achieve this by partnering with South Africa's best reputable electrical materials suppliers.

Completed Projects

| CLIENT | DESCRIPTION & LOCATION | YEAR COMPLETED |
|-----------------------------------|---|----------------|
| Thele Mogoerane Regional Hospital | 1.5MW Hybrid 3.2MWH Solar System Voslorous, Gauteng | 2024 |
| Mutale Municipality Office | 200KW Hybrid Solar System Limpopo | 2024 |
| Limpopo Traffic Department | 150KW Hybrid Solar System Bergersfort | 2024 |
| Lenasia Clinic | 200KW Hybrid System Soweto, Gauteng | 2024 |
| PESCA Atlantic Frozen Foods | 500KW Hybrid ATESS Solar System with 300KWP - Centurion | 2023 |
| The Block Security Complex | 100KWP Grid-Tie System Goodwe Bellville, Capetown | 2022 |
| Molware Complex | 200KWP Grid-Tie System ABB Centurion | 2022 |
| Urban Ridge Complex | 280KWP Grid-Tie System Goodwe Midrand | 2022 |
| Nylon Tubes | 150KW Hybrid ATESS Solar System Randburg | |

| CLIENT | DESCRIPTION & LOCATION | YEAR COMPLETED |
|-----------------------------|---|----------------|
| Southgate Security Estate | 120KWP Fronius Grid-Tie Solar System Johannesburg | 2022 |
| Bayer Nigel | 100KWP Grid-Tie System Huawei Nigel | 2021 |
| Clever Designs CC | 50KWP Sungrow | 2021 |
| | 40KWP Schneider 16.7KWP ABB | 2020 |
| Eskom - 7 World Group | Substation control room electrical wiring Thohoyandou, Limpopo | 2018 |
| Sithukaya Student Residence | Rewiring all distribution boards Johannesburg | 2018 |
| SA Army - Falcon Projects | Install Generator automatic Changeover Switch Pretoria | 2017 |
| Gautrain - Risenow Trading | Offices electrical renovations Linbro Park, Johannesburg | 2017 |
| Ecolab Sakhaisizwe Elect | New Office block electrical works Chloorkop, Johannesburg | 2017 |
| SAA Express - The Maggi | 2nd floor reception LED lights project Kempton Park, Johannesburg | 2016 |
| Trace TV - The Maggi | Studio lighting project Rosebank, Johannesburg | 2016 |



VOLTRON ENGINEERING (PTY) LTD
LET THERE BE GREEN LIGHT

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