



SMART ESTATE ENERGY INFRASTRUCTURE PROPOSAL

Presented by VOLTIX ELECTRICAL

Executive Summary

Voltix Electrical proposes a modern and scalable estate energy infrastructure strategy focused on improving energy reliability, reducing operational disruptions and preparing residential estates for future energy demand.

The proposal includes:

- Backup power systems
- Solar infrastructure support
- EV charging stations
- Smart monitoring systems
- Long-term maintenance and support

Estate Energy Challenges

Modern estates face increasing pressure from:

- Load shedding and outages
- Rising communal electricity costs
- Security risks during downtime
- Growing EV charging demand
- Resident expectations for modern infrastructure

Voltix Proposed Solutions

Voltix Electrical proposes a phased implementation strategy including:

Phase 1:

- Gate motor backup
- CCTV backup
- WiFi and clubhouse backup
- Demo EV charging station

Phase 2:

- Street light support
- Solar integration
- Monitoring systems

Phase 3:

- Larger communal solar support systems
- Expanded EV charging network
- Long-term maintenance agreements

EV Charging Opportunity

EV adoption is growing rapidly across South Africa.

By implementing EV charging infrastructure, estates can:

- Improve resident convenience
- Increase property attractiveness
- Prepare for future demand
- Generate additional revenue opportunities
- Position themselves as future-ready developments

Build Operate Maintain Model

Voltix Electrical can structure solutions using a phased operational model.

This may include:

- Building infrastructure
- Operating and maintaining systems
- Monitoring performance
- Supporting estate management
- Optional ownership transfer structures

Why Voltix Electrical

Voltix Electrical focuses on modern estate energy solutions through:

- Reliable infrastructure planning

- Professional installation standards
- Long-term maintenance support
- Scalable system implementation
- Future-focused estate solutions

Our vision is to become a trusted estate infrastructure and energy partner.

| Benefits To Estates | |
|----------------------------|--|
| Energy Reliability | Reduced operational disruptions during outages |
| Future Infrastructure | Prepared for EV charging demand |
| Security Support | Backup systems for critical infrastructure |
| Property Value | Modern infrastructure improves attractiveness |
| Sustainability | Cleaner and smarter energy support systems |

Voltix Electrical believes residential estates have the opportunity to become smarter, more resilient and future-ready through strategic energy infrastructure planning. Our objective is to build long-term partnerships focused on reliability, sustainability and innovation.

VOLTIX ELECTRICAL

Premium Energy Infrastructure for Estates & Commercial Clients

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