



COMPANY PROFILE

Kuyper Electrical Services (Pty) Ltd

Powering your future with expertise and care.

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Kuyper Electrical Services Pty Ltd

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INTRODUCTION

ABOUT OUR COMPANY

ABOUT US

Kuyper Electrical Services is a premier electrical consulting firm dedicated to providing top-tier electrical solutions for a diverse range of clients. With a passionate team of seasoned professionals, we are committed to excellence, innovation, and sustainability in all our projects. Our energetic approach and unwavering professionalism set us apart as a trusted partner in the electrical industry.

OUR VISION

Kuyper Electrical Services' vision is to strive for excellence by being professional, dedicated and committed to providing our clients with the highest quality service. We conduct ourselves honestly, ethically and consistently in all our activities, thereby upholding the ethics, codes and standards of our profession and our industry.

OUR MISSION

At Kuyper Electrical Services, our mission is to empower businesses and individuals through expert electrical consulting. We strive to deliver tailored solutions that prioritize safety, efficiency, and reliability while exceeding our clients' expectations.

ASSOCIATION MEMBERSHIPS

Kuyper Electrical Services is proud to be affiliated with the following organisations -

- The Engineering Council of South Africa (ECSA)
- The South African Institute of Electrical Engineers (SAIEE)
- Institution of Certificated Mechanical & Electrical Engineers (ICMEESA)
- Illumination Engineering Society of South Africa (IESSA)

OUR SERVICES

OUR SERVICE FOCUS ON MULTIPLE ASPECTS THAT CAN BE DIVIDED INTO THE FOLLOWING CATEGORIES

Kuyper Electrical Services prides itself on offering complete solutions for its clients with innovative design and professionally finished installations.

PROFESSIONAL SERVICES

Feasibility studies

Reports and planning proposals

Concept and detailed project designs

Material specifications

Design calculations for lighting, electrical cables and electrical distribution

Tender documents

Tender adjudication

Construction monitoring and engineering project management

Testing and commissioning

ELECTRICAL RETICULATION AND DISTRIBUTION

The design and planning –

- Municipal distribution networks for new townships
- Service connection reticulation

NEW TOWNSHIPS AND REZONING

Managing the electrical side of new township establishment procedures up to the Section 82 certificate

Managing the electrical part of rezoning for a client, including electrical reports

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INFRASTRUCTURE

The design and planning –

- Upgrade of existing electrical networks
- Medium- and low-voltage reticulation networks
- Street lighting and high mast area lighting networks
- Medium- and low-voltage transmission lines
- Medium- and low-voltage substations with protection (including differential protection) and transformers
- Medium- and low-voltage underground cable reticulation networks
- Medium- and low-voltage overhead reticulation networks
- Distribution substation design up to 132kV
- Sub-transmission line design up to 132kV generator, UPS etc.
- Building Management Systems

BUILDING SERVICES

Building Management Systems and Design and Planning

We specialize in all types of electrical and electronic designs, including:

- Data and Telephone Systems
- Fire Alarm Systems
- Access Control and Security Alarm Systems
- CCTV and Public Address (PA) Systems
- Backup Generators
- Uninterruptible Power Supply (UPS) Systems
- And more.

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LIGHTING

Internal lighting

External and security lighting

Street and high-mast area lighting

Commercial office lighting

Automated intelligent lighting systems

LIGHTNING PROTECTION SYSTEM

Lightning protection

Power earthing and surge protection systems

BACKUP POWER

The design and planning –

- UPS installations
- Rotary and static power factor correction
- Power generation and standby power
- Diesel/Gas generator backup systems
- Specialised mobile generator designs

RENEWABLE ENERGY AND ENERGY EFFICIENCY

Renewable Energy Systems

Development

Solar power

Low energy lighting (LED)

Power saving and monitoring hardware

Energy storage solutions (ESS)

GENERATOR SOLUTIONS

Change over panels

Generator services

OUR SERVICES

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Recognizing the evolving needs of our clients, in 2023, Kuyper Electrical Services expanded its operations to include comprehensive maintenance services for commercial and domestic buildings. This extension of our service offerings allows us to provide even greater value to our clients through a broader range of solutions.

For detailed information about our maintenance services, please consult the company's Maintenance Portfolio.

ELECTRICAL INSTALLATIONS

Our installation services cover a broad spectrum of electrical needs, including:

- Small power and lighting design
- Cable management: cable trunking, cable trays, and conduit
- Lighting installations
- Emergency lighting design, installation, and commissioning
- External lighting
- Power installations: sockets, isolators, etc.
- Dedicated power supplies and fixed equipment supplies

ELECTRICAL MAINTENANCE

Our maintenance services are designed to keep electrical systems in optimal condition, including:

- Planned maintenance programs
- Reactive maintenance
- Remedial works
- Emergency call-outs
- Minor works such as additional sockets or lighting points

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ELECTRICAL TESTING

We provide comprehensive electrical testing services to ensure safety and compliance, including:

- Electrical testing for new installations (COC's)
- Periodic electrical testing
- Portable appliance testing
- Scheduled testing for emergency lighting

COMPLIANCE AND STANDARDS

We specialize in adhering to the SABS Code of Practice: SANS 10142 Wiring Code and ensure all work complies with the following regulations:

- Occupational Health & Safety Act 85 of 1993
- The Compensation for Occupational Injuries & Disease Act 130 of 1993
- The Unemployment Insurance Act 63 of 2001
- Basic Conditions of Employment Act 75 of 1995

PROJECT DESCRIPTION

OUR EXPERIENCE

TOWNSHIP DEVELOPMENT

Design and managing the electrical township establishment process -



- Wonderboom Junction, Annlin West x43

Full design, implementation, management and completion of the electrical installation at -

- Pretoriuspark - 4 developments
- BlueValley, Kosmosdal x78, x79, x105 - 78 units
- Duke's Gate, Montana - 59 units
- King's Gate, Annlin - 31 units
- Celtisdal x30 - 423 units
- Olive Gate, Equestria x258 - 73 units
- Eldorette x36 - 35 units
- Equestria x179 - 36 units
- Autumns Gate, Equestria X283 - 79 units

FACTORY / WAREHOUSES / STADIUMS

Complete design, implementation, management and completion of the electrical installation at

- Mpumalanga International Fresh Produce Market, Nelspruit
 - K Carrim Tile Warehouse, Hammanskraal
 - Pitsana Mills
 - N4 Gateway, Vehicle Testing Centre
 - Enstra Cold Store, Springs
 - Corruseal Corrugated Factory, Springs (4.2MVA supply)
 - Pet Supreme, Rosslyn
 - Malamulela Stadium
 - Harvest Fresh, Meyerton
 - Marara Pharma - Esdoring Street
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PROJECT DESCRIPTION

OUR EXPERIENCE

UPGRADE OF 11KV ELECTRICAL SUPPLY

Implementation, management and completion of the upgrade of the 11kV electrical supply to

- Menlyn Shopping Centre (16MVA)
- Kolonnade Shopping Centre (10MVA)
- Ruto Flour Mills Pretoria (14MVA)
- Wonderboom Junction, Annlin West x43
- Mpumalanga International Fresh Produce Market, Nelspruit

SANRAL

Complete design, implementation, management and completion of SANRAL

- Satellite Centres' electrical supplies and internal electrical layout, including all generators and UPS's.
- Gantries electrical supplies and internal electrical layout, including all generators and UPS's.
- Central Operations Centre (COC) electrical supply and internal electrical layout, including all generators and UPS's.

POWER GENERATION PLANTS

Electrical design, coordination and signing off as a professional in collaboration with overseas consulting electrical engineers.

- Power Generation Plant 100 MW, Kathu
- Power Generation Plant 150 MW, Pofadder





WHY CHOOSE US

Experienced Professionals: Our team consists of highly qualified electrical engineers and consultants with years of industry experience.

Innovative Solutions: We leverage the latest technologies and methodologies to provide cutting-edge solutions that drive efficiency and performance.

Client-Centric Approach: We prioritize our clients' needs and work collaboratively to deliver tailored solutions that align with their goals.

Commitment to Safety: We adhere to the highest standards of safety and quality, ensuring a secure environment for our clients and their projects.

Ready to power your project with expert electrical consulting? Reach out to Kuyper Electrical Services today to discuss your needs and discover how we can help you achieve your electrical goals.

CONTACT US :



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