



DIVERSIFIED

POWER & SYSTEM INTEGRATION

CORPORATE PROFILE



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INTRODUCTION

Diversified Power & System Integration (PTY) LYD (DPSI) is an EPC specialising in electrical, electronic and power protection sectors in the C&I industry. DPSI is an authorised ABB Value Provider, Systems Integrator and Technical Distributor on the ABB equipment.

At DPSI, exceptional standards are required to maintain a high quality of work. We pride ourselves on our ability to provide specialized and reliable solutions to our clients.



Diversified power & system integration (pty) ltd has a SANAS BBBEE Level 1 certification. We are 100% black owned with 51% woman ownership.



VISION

Our vision is to become a leading provider of electrical, electronic, and automation services In the electrical engineer and automation sector.

MISSION

Our mission is to deliver exceptional technical service to our customers, making a significant impact on their operations by utilizing the latest technology in the most cost-effective manner.

We are committed to meeting our clients' needs and exceeding their expectations

OUR SERVICES

Since its inception, DPSI has become a leading supplier to major corporations, large industries, small businesses, and individual users in the highly specialised field of:



**Electrical Designs
& Installations
on LV Systems**



**Design &
Installation of MV
(Up to 33KV)**



**Overhead Line
Installation
(Up to 33KV)**



**Automation &
Instrumentation
Sales & Support**



**Uninterrupted
Power Supplies
Sales & Support**



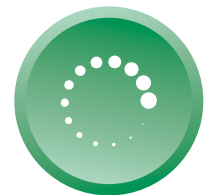
**ABB Drives &
Soft Starter
Sales & Support**



**Diesel Engine-Powered
Generating Sets**



**Battery Chargers &
Power Supplies**



**Standby or
Protection
Systems**



With our experienced and highly committed staff, we ensure 24-hour response and efficient servicing/repairs, minimizing downtime for our customers.

DPSI has the resources and in-house expertise to provide comprehensive services on electrical and electronic equipment. Our scope of work and area of expertise are grounded in the extensive experience and knowledge our team has acquired over the years.

ELECTRICAL & POWER ELECTRONICS EXPERTISE

At DPSI, we pride ourselves on delivering comprehensive solutions in electrical and power electronics. Our team of highly skilled professionals is dedicated to providing top-notch services across various sectors, ensuring the highest standards of quality and efficiency.

ELECTRICAL ENGINEERING

- Design and fabrication of LV distribution panels
- Electrical Certificates of Compliance (COC)
- Supply, installation, and commissioning of distribution panels LV & MV
- Supply and installation of OHL up to 33KV
- Electrical & Instrumentation construction work
- Fault finding on electrical systems
- Refurbishment of electrical panels
- Supply and installation of induction LV motors
- Hi Mast maintenance and installation
- Lighting and illumination testing
- MCC maintenance
- Accredited Solar installer
- Agriculture & irrigation Automation and control systems for the Agricultural sector

POWER ELECTRONICS

- Maintenance of ABB variable speed drives (VSD), soft starters, uninterruptible power supplies (UPS), and electronic controllers, including current maintenance services for ABB.
- Design, fabrication, installation, and commissioning of VSDs, UPSs, BTUs, and soft starter panels.
- Refurbishment and maintenance of ABB VSD and soft starters equipment.
- Supply of electronic equipment and components for ABB drives.
- Workshop test & repairs facility for ABB range of drives and soft starter
- 24/7 Support on ABB VSD
- Auditing and spares management.
- Fault finding on power electronic equipment.
- Training on power electronic equipment.

DESIGN OF ELECTRICAL DISTRIBUTIONS



UPS input & output distribution panels for parallel redundant UPS systems



VSD control & distribution panels



LV distribution panels for motor controllers, small power, & lighting DBS



RMU, Minisub, MV Switchgear, Skid breakers 33kV & high buoy design



AMF panels for generators



Solar and inverter design

With DPSI, you can trust that your electrical and power electronic needs are in expert hands, ensuring reliable and efficient solutions tailored to your requirements.

PROJECT SERVICES

DPSI offers comprehensive project management services, encompassing all stages of the project life cycle to ensure successful and fully documented project completion.



PLANNING

Our planning services detail requirements for project planning, including:

- Plan development
- Approved projects
- Plan approval
- Progress updating and reporting



PROCUREMENT AND CONTRACTING

We manage project procurement and contracting with a focus on:

- Procurement contracting
- Purchasing
- Expediting and inspection
- Construction contracts management



QUANTITY SURVEYING

Our quantity surveying services cover:

- QS services
- Enquiry documentation
- Tender returns
- Contract award
- Contract administration



COST MANAGEMENT

Our cost management services ensure effective project cost control through:

- Estimate preparation
- Estimating procurement
- Cost control systems
- Project reports
- Vote approval and closure
- Time-related reporting



ACCOUNTING SERVICES

Our project accounting services include:

- Invoice approval and payment
- Invoicing and payment certification
- Payment processing

These processes are performed consistently from start to completion, ensuring a seamless closeout and handover of fully documented projects.

PRODUCT | SERVICE RANGE EXPERIENCE

ELECTRONIC SERVICES

ABB Sales & Support

- ABB range of drives, ACS 600, ACS 800, ACS880, ACS580, ACQ580, ACH580, ACS180, ACS480, DCS880 & DCS800
- ABB accredited Authorised Value Partner
- ABB VSD maintenance & repair contract
- 24/7 technical support
- Equipped repair centre
- ABB LV maintenance

UPS Control & Changeover Panels

- Including UPS Input/Output Distribution Panels (complete with transformers), Filter Panels, and Switching Panels
- UPS maintenance & repair contract
- Riello, Durapower and Meissner UPS systems (single and three-phase)
- Small (single-phase) tower and rack model UPS's for stand-alone computers, servers, small & medium-size networks, and telecom systems
- Large (three-phase) UPS's up to 6400kVA in parallel for data centers, mainframes, high-end servers, plant floors, automation equipment, and telecom systems
- Power monitoring and management software and hardware connectivity accessories

Automation - Instrumentation and control

- Supply installs and commission on instrumentation & control equipment
- Profibus installer
- Supplier of ABB instrumentation equipment
- Providing power conditioning solutions such as active/passive harmonic filters and power factor correction equipment



Solar Systems

- Primarily serving the telecommunications sector, while also expanding into the commercial and industrial (C&I) industry.
- SAPVIA accredited installer
- WEG Solar distributor

PRODUCT | SERVICE RANGE EXPERIENCE

ELECTRONIC SERVICES



Electrical Distribution Boards & Panels for LV

- Design, supply, and installation,
- Motor Control Centres (MCC) - Retrofitting and fault finding
- Containerised E House solutions

Electrical Distribution Boards & Panels for MV

- Design, supply, and installation up to 33KV
- Supply, install and maintain RMU, MV Switchgear & Mini subs
- Cable fault finding and testing
- SF 6 Skid breaker installation and maintenance
- eOHL line installation up 33KV

Electrical Compliance

Ensuring installations meet regulatory standards

Diesel Engine Powered Generating Sets

Ranging from 10kVA to 2000kVA for base load or standby applications, with manual start-up or AMF changeover panels, load sharing and duty rotation options, sound and weatherproof canopies, and bulk | day tanks

Grading of Electrical Reticulation

Comprehensive assessment and grading

Energy Efficient Lighting

- Installation of energy-efficient lighting systems
- Hi Mast lighting design and installation, dual, and multiple parallel configurations

TECHNICAL SUPPORT SERVICES

DPSI prides itself on providing exceptional technical support services, which include:

- Registered installation electricians issuing electrical compliance certification for installations
- 24-hour response to breakdowns or on-site repairs by qualified ABB technicians and electricians, utilizing hi-tech fault-finding equipment with specialized test equipment and diagnostic software
- A fully equipped workshop for component-level repairs
- Comprehensive preventative maintenance servicing and repairs on ABB range of drives, offering various levels of contracts
- Efficient logistics and stock management of a comprehensive range of spare parts
- Customer assistance just a phone call away, providing advice on power protection solutions, system upgrades, and preventative maintenance proposals



REFERENCE SITES

DPSI has successfully delivered services to a wide range of esteemed clients, including:



DISTRIBUTORSHIP

DPSI is honoured to be associated with world-leading companies, serving as their trusted distributor across various regions.

Our partnerships include:



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