



UNLOCKING AFRICA'S ENERGY POTENTIAL

COMPANY PROFILE • 2026/27

ENGINEERING • PROCUREMENT • CONSTRUCTION

A vertical image on the left side of the page showing a wind turbine and solar panels against a sunset sky.

Company Overview

PS Energy Group is a Namibian electrical and renewable energy company delivering reliable energy infrastructure across African markets.

OUR VALUES

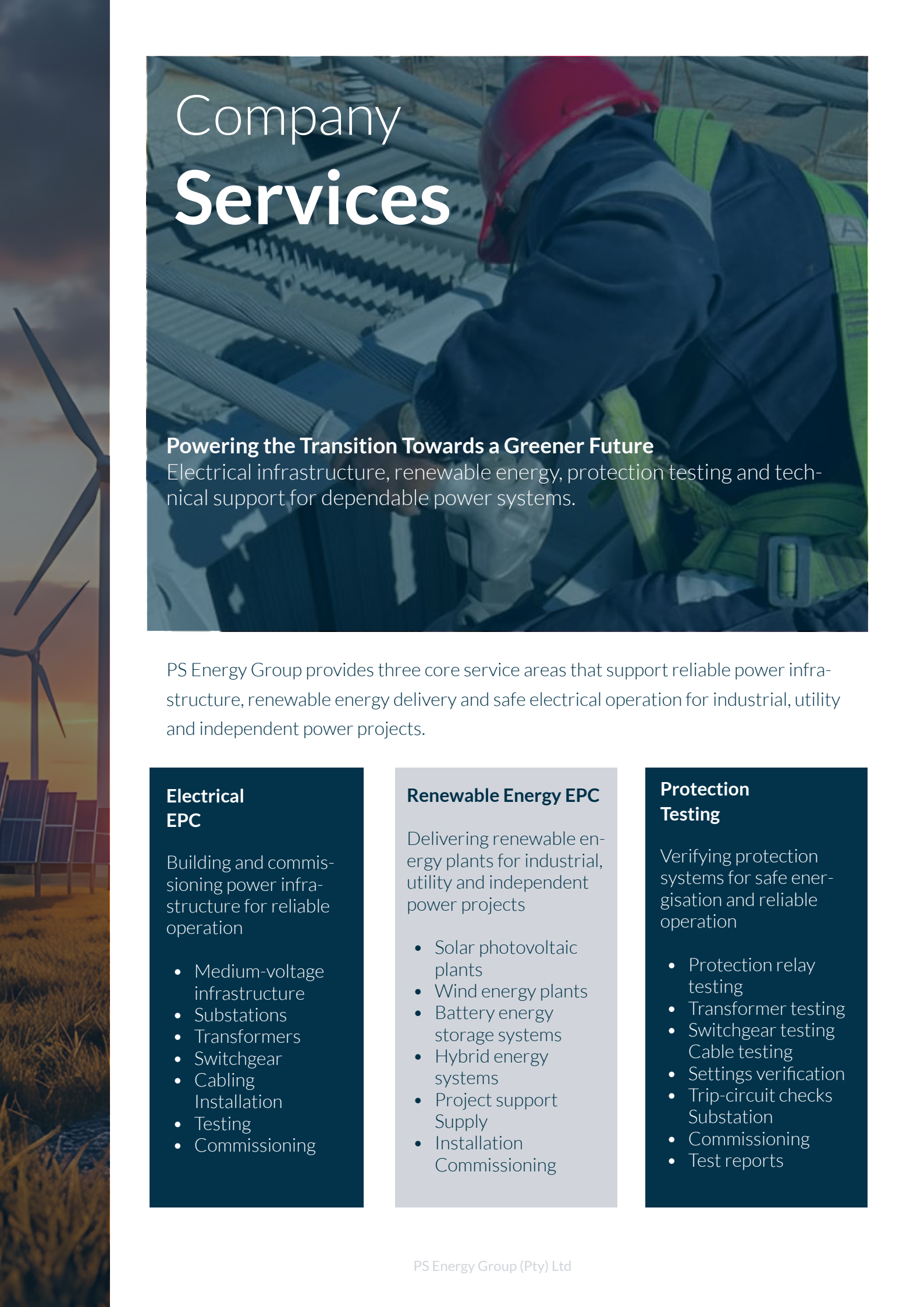
- **Sustainability** - Putting the health of the planet first in every design and decision.
- **Innovation** - Challenging standard thinking to push the boundaries of clean energy technology.
- **Integrity** - Keeping promises and acting with high moral standards.
- **Collaboration** - Sharing ideas openly with partners, clients and team members.
- **Excellence** - Building strong safe and long lasting engineering systems.

WE SERVE

IPPs • Utilities • Mines • Processing Plants • Industrial • Bulk Power Consumers

An aerial photograph showing a coastline with turquoise water meeting a sandy beach, followed by vast, rolling yellow sand dunes under a clear blue sky.

FROM NAMIBIA TO
THE WORLD



Company Services

Powering the Transition Towards a Greener Future

Electrical infrastructure, renewable energy, protection testing and technical support for dependable power systems.

PS Energy Group provides three core service areas that support reliable power infrastructure, renewable energy delivery and safe electrical operation for industrial, utility and independent power projects.

Electrical EPC

Building and commissioning power infrastructure for reliable operation

- Medium-voltage infrastructure
- Substations
- Transformers
- Switchgear
- Cabling Installation
- Testing
- Commissioning

Renewable Energy EPC

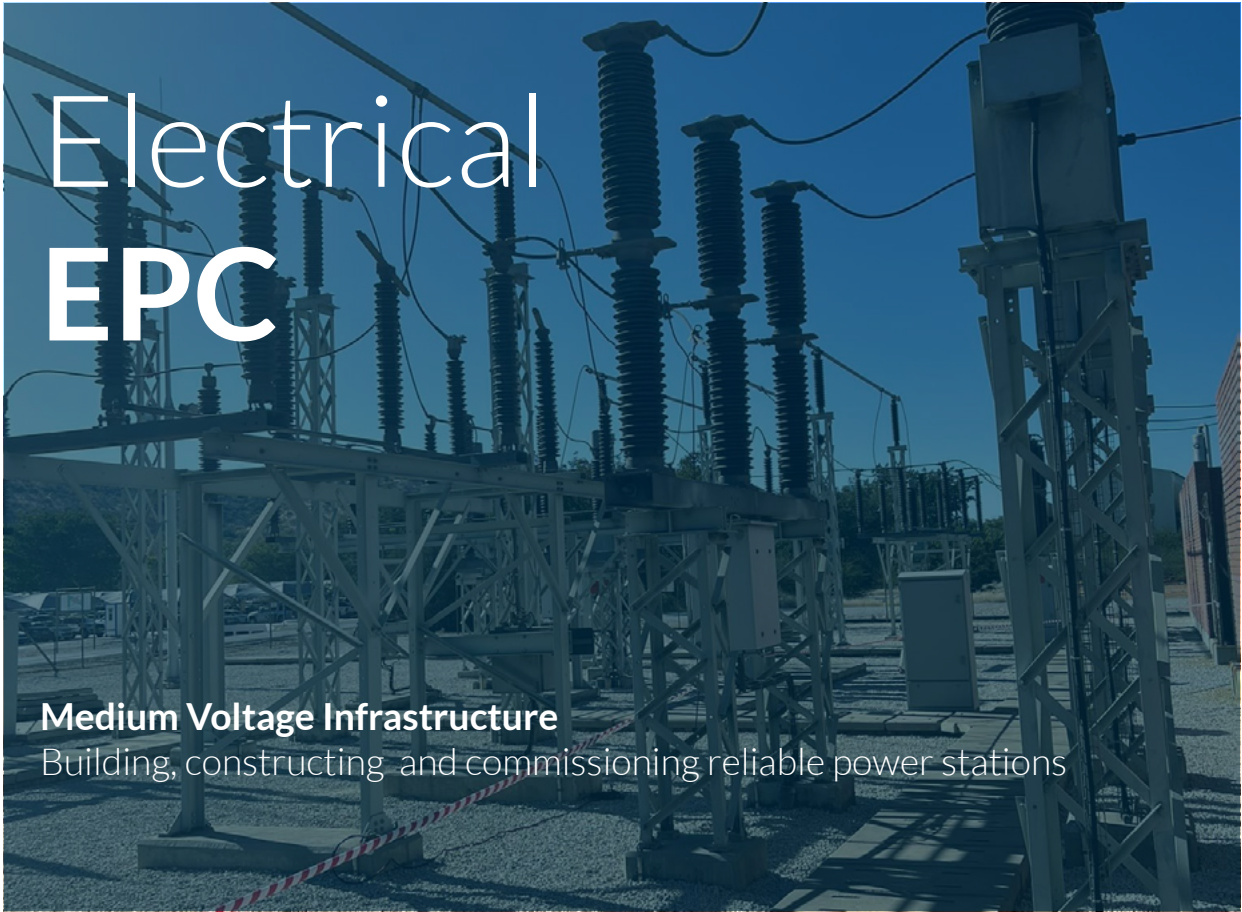
Delivering renewable energy plants for industrial, utility and independent power projects

- Solar photovoltaic plants
- Wind energy plants
- Battery energy storage systems
- Hybrid energy systems
- Project support
- Supply
- Installation
- Commissioning

Protection Testing

Verifying protection systems for safe energisation and reliable operation

- Protection relay testing
- Transformer testing
- Switchgear testing
- Cable testing
- Settings verification
- Trip-circuit checks
- Substation
- Commissioning
- Test reports



Electrical EPC

Medium Voltage Infrastructure

Building, constructing and commissioning reliable power stations

PS Energy Group provides Electrical EPC services for medium-voltage infrastructure, substations and industrial power systems. We build, upgrade and commission electrical systems for safe, reliable and long-term operation, with capabilities covering substations, transformers, switchgear, medium-voltage cabling, testing and commissioning.

Engineering Support

Technical review and project support for medium-voltage infrastructure and substation EPC execution

- Technical scope
- Single-line diagram
- Load and demand
- Equipment specification
- Substation layout
- Protection and control interface
- Tender and project documentation

Procurement of MV Infrastructure

Medium-voltage systems that support reliable power distribution and grid connection.

- Medium-voltage switchgear
- Power transformers
- Ring main units
- Protection relays
- Control and protection panels
- Medium-voltage cables
- Cable terminations and accessories

Construction & Commissioning

Construction, installation and commissioning of substations, mini-substations and medium-voltage power infrastructure.

- Outdoor substations
- Indoor substations
- Mini-substations
- Transformer
- Switchgear
- Medium voltage cabling
- Earthing systems
- Commission support



Renewable Energy EPC

Renewable Energy Infrastructure

Building renewable energy plants for reliable power, sustainable growth and the health of the planet.

We provide Renewable Energy EPC services for solar plants, wind energy plants and battery energy storage systems. We support project development, supply, installation, grid-connection infrastructure, commissioning and operation support for industrial, utility and independent power projects

Solar PV Plant

Solar power plants designed to reduce energy costs and support reliable long-term power supply.

- Solar photovoltaic plant EPC
- Project sizing
- Supply and installation
- Grid connection
- Commissioning
- Operation support

Wind Plant

Wind energy plants developed as part of long-term renewable energy infrastructure.

- Wind energy plant EPC
- Electrical infrastructure
- Medium-voltage systems
- Grid connection
- Protection interface
- Commissioning support

BESS Plant

Battery storage systems that improve energy security, peak control and power reliability.

- Battery storage integration
- Hybrid power support
- Energy shifting
- Peak management
- Grid support
- Power reliability improvement

Protection Testing

Protection System Verification

Verifying the systems that protect people, equipment and power continuity before faults become failures.

We provide protection testing and substation commissioning services using OMICRON testing instruments for medium-voltage electrical systems. Our services help verify that protection systems, transformers, switchgear, substations and underground cable systems are safe, reliable and ready for operation.

Relay Protection Testing

- Relay injection
- Relay settings verification
- Overcurrent protection
- Earth-fault protection
- Differential protection
- Under-voltage protection
- Over-voltage protection
- Trip command verification
- Protection logic

Transformer Protection Testing

- Transformer differential protection
- Restricted earth-fault protection
- Overcurrent protection
- Earth-fault protection
- Buchholz alarm and trip verification
- Winding temperature alarm and trip verification
- Oil temperature alarm and trip

Switchgear Protection Testing

- Circuit breaker open and close operation
- Trip coil
- Close coil
- Spring charging motor function
- Mechanical interlock
- Electrical interlock
- Protection trip verification
- Breaker status indication



Investor & Developer Value

PS Energy Group supports renewable energy and medium-voltage infrastructure projects by working with project developers, financiers, EPC partners and technology partners.

Our role is to support the technical and commercial development of projects by bringing electrical EPC knowledge, renewable energy project understanding, protection testing capability and operation support into the project structure.

We help strengthen projects by supporting:

- Technical assessment
- Electrical EPC planning
- Renewable energy EPC participation
- Medium-voltage infrastructure scope
- Protection testing and commissioning support
- Operation and maintenance planning
- Project partner coordination

PS Energy Group can participate as a technical EPC partner, local execution partner, operation and maintenance partner, or project-development support partner.

Client Value

For clients, PS Energy Group supports the delivery of reliable, safe and cost-effective energy infrastructure. Our services help clients improve energy reliability, strengthen electrical safety, reduce operational risk and support long-term energy security.



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