



**Directors:** F Engelbrecht, M Engelbrecht, M Prinsloo, FC Truter

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## Introduction and Background

At Addiza Energy Solutions, we specialize in delivering high-quality engineering, procurement, and construction (EPC) solutions for power infrastructure across Africa. With over 40 years of combined expertise, our team has successfully executed 100+ high-profile projects, ensuring reliable energy transmission and distribution.

Addiza Energy Solutions is a Namibian-owned company with a deep understanding of power generation, transmission, and distribution. Our expertise spans substations, high-voltage equipment, protection and automation systems, and balance of plant (BoP) for renewable energy projects.



## Mission

Our Mission is to deliver world-class engineering solutions that drive the future of energy infrastructure. We are committed to safety, innovation, and excellence, ensuring cost-effective, reliable, and sustainable

energy systems for our clients. Trusted by leading energy providers, we pride ourselves on delivering projects on time, within budget, and to the highest standards.



## List of Engineering Services Provided

- Electrical Engineering:
  - High-voltage transmission & distribution substations.
  - Protection, Automation & Control (PAC) Systems design, configuration & integration.
  - Engineering & procurement of transformers, switchgear, and auxiliary systems.
  - Balance of plant for renewable energy projects.
- Civil & Structural Engineering
  - Substation earthworks, drainage & infrastructure design
  - Structural & building designs for electrical facilities
- Specialized Engineering Services
  - Grid compliance studies, short circuit & load flow analysis
  - Lightning & earthing system design
  - Protection settings for system safety & reliability

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- Testing & Quality Assurance
  - Factory & site acceptance testing for primary & secondary equipment
  - Substation auditing & performance reporting
- Project & Contract Management
  - Turnkey EPC project management for substations & power infrastructure
  - Procurement oversight & progress monitoring



## Reference Projects

Company Name	Location	Brief Description of Works	Project Leader / Manager	Electrical / Design Engineer	Commissioning Manager / Engineer	Construction Supervision / Owner's Engineer	Supply
Release	Cameroon	12 MWp Maroua 2 Solar Farm & BESS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Release	Cameroon	12 MWp Guider 2 Solar Farm	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Release	Chad	36 MWp Respite Solar Farm	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Release	Liberia	Scheiffelin Solar Farm	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Alensy Energy Solutions (Pty) Ltd	Namibia	Gerus 19 MWp Solar Farm	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Alensy Energy Solutions (Pty) Ltd / Solar Century Africa (Pty) Ltd	Zambia	Mailo 50 MWp Solar Power Plant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chint CJIC JV / Namibia Power Corporation (Pty) Ltd	Namibia	Rosh Pinah 100 MWp PV Plant	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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SDEE Narada JV / Namibia Power Corporation (Pty) Ltd	Namibia	Omburu 51MW/51MWh BESS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Power Line Africa / Namibia Power Corporation (Pty) Ltd	Namibia	Obib Substation 66 kV Extensions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ADC Projects	DRC	120 kV Metorex Musonoi Supply Project	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lodestone Namibia (Pty) Ltd	Namibia	132 kV Electrical Supply Solution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CONCO	Botswana	132/11 kV Boseto and Zone 5 Substations	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CONCO	Ghana	161 kV Nkawkaw & Akyem breaker and a half substations	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power Line Africa	Botswana	132/33 kV New Mochudi Substation and 132 kV Phakalani Substation Extensions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Bannerman Mining Resources (Namibia) (Pty) Ltd	Namibia	132 kV Electrical Supply Solution – Front End Engineering & Design (FEED)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Terrasun Energy (Pty) Ltd / Globeleq	Namibia	81MW Solar Energy (PV) Plant – Transmission Connection	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ADC Projects	DRC	220 kV PPC-Barnet Supply Project (DRC)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ADC Projects	DRC	220 kV Metorex Ruashi 220 kV extensions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ADC Projects	Mozambique	220/66/33 kV Matambo Substation Rehabilitation Project for Hidroeléctrica de Cahora Bassa, S.A. (HCB)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scatec	Botswana	50MW Selebi Phikwe Solar Farm - 220/33kV IPP Substation, 220kV OHL, 220kV Switching Station and 220kV BPC Feeder Upgrades – Engineering Design & Construction Supervision	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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Scatec	Botswana	50MW Mmanidare Solar Farm - 220/33kV IPP Substation, 220kV Switching Station extensions - Engineering Design.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SYNOHYDRO Namibia (Pty) Ltd	Namibia	Engineering & for the new 220/66 kV Khomas Substation and 220 kV Van Eck Substation Extensions for Namibia Power Corporation (Pty) Ltd	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ADC Projects	Zambia / DRC	Technical Specifications, Schedules, and Drawings for 330 kV Kansanshi Substation Extensions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ADC Projects	Zambia / DRC	Technical Specifications, Schedules, and Drawings for 330 kV Kalumbila Substation Extensions new 330/220 kV New Kolwezi Substation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ADC Projects	Mozambique	Islanding and Synchronising Scheme for Kuvaninga Energy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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CONCO	Botswana	400/220/33 kV New Letlhakane Substation and 220 kV Orapa 2 Substation Extensions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SYNOHYDRO Namibia (Pty) Ltd	Namibia	Engineering & Design and Project Monitoring for the new 400/330/132/66/33 kV Kunene Substation and 400/132 kV Omatando Substation for Namibia Power Corporation (Pty) Ltd	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power Line Africa	South Africa	Aries Substation 400 kV Extensions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
QKR Navachab Gold Mine	Namibia	New Diesel Boiler	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Oshakati Premier Electric (OPE) (Pty) Ltd	Namibia	Technical Advisor to the Board of Directors for the procurement of a new 5 MW PV Plant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rosh Pinah Solar Park	Namibia	7.5MW 11kV IPP Substation, 11kV OHL, RPZM Substation Extensions and 66kV NamPower Extensions &	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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Company Name	Location	Brief Description of Works	Project Leader / Manager	Electrical / Design Engineer	Commissioning Manager / Engineer	Construction Supervision / Owner's Engineer	Supply
Upgrades – Engineering & Design, Procurement and Project Management, electrical balance of plant.							



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