

OPTIPOWER PROJECTS (PTY) LTD



## COMPANY PROFILE

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RSA

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**“Age Quod Agis”**



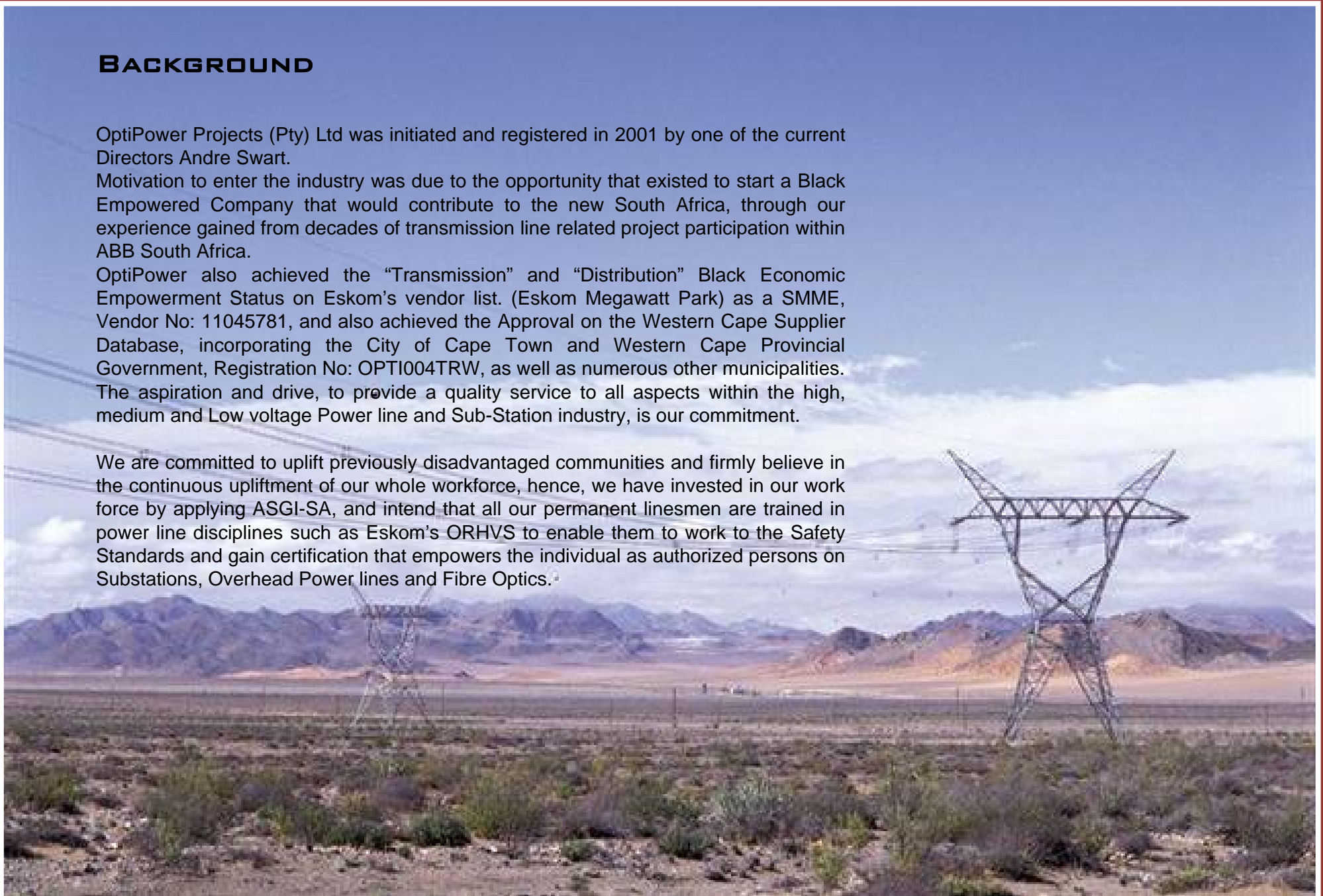
## BACKGROUND

OptiPower Projects (Pty) Ltd was initiated and registered in 2001 by one of the current Directors Andre Swart.

Motivation to enter the industry was due to the opportunity that existed to start a Black Empowered Company that would contribute to the new South Africa, through our experience gained from decades of transmission line related project participation within ABB South Africa.

OptiPower also achieved the “Transmission” and “Distribution” Black Economic Empowerment Status on Eskom’s vendor list. (Eskom Megawatt Park) as a SMME, Vendor No: 11045781, and also achieved the Approval on the Western Cape Supplier Database, incorporating the City of Cape Town and Western Cape Provincial Government, Registration No: OPTI004TRW, as well as numerous other municipalities. The aspiration and drive, to provide a quality service to all aspects within the high, medium and Low voltage Power line and Sub-Station industry, is our commitment.

We are committed to uplift previously disadvantaged communities and firmly believe in the continuous upliftment of our whole workforce, hence, we have invested in our work force by applying ASGI-SA, and intend that all our permanent linesmen are trained in power line disciplines such as Eskom’s ORHVS to enable them to work to the Safety Standards and gain certification that empowers the individual as authorized persons on Substations, Overhead Power lines and Fibre Optics.



## **FIELDS OF EXPERTISE: BACKGROUND**

Our Core Business consists of:

Construction of MV and HV Power Lines (Distribution and Transmission).

Construction of MV and HV Substations (Distribution and Transmission).

Installation of Overhead and underground Fibre Optic cables (OPGW, ADDSS, and Blown Fibre etc).

Other area's that we specialize in:

Assessments, Refurbishment and Maintenance of MV and HV Power Lines (Distribution and Transmission).

Assessments and Refurbishment of MV and HV Substations (Distribution and Transmission).

Demolishing of existing HV Substations and Power Lines

MV Reticulation Networks.



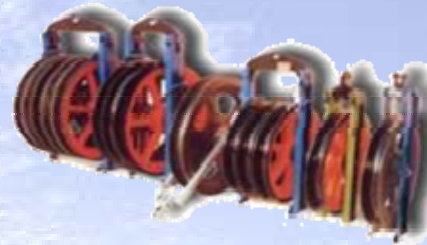
# EQUIPMENT

We have fully trained Tension Stringing/Regulation teams available, consisting of Site Managers, Site Foreman, Operators and Linesmen. Even though the majority of Linesmen are generally contract workers, they are subjected to all training required by OSH, Construction regulations, law, and Clients requirements.

## Equipment:

- (Currently available – small tools not listed)
  - Puller Winch: Tema 5t; twin conductor capability 1 off
  - Puller Tensioner 5t; twin conductor capability 1 off
  - Puller Tensioner 8&9ton; **ZECK** - Triple conductor Capability 1 off
  - Tensioner 9ton; **ZECK** - Triple conductor Capability 1 off
  - Puller 16Ton **ZECK** 1 off
  - Tesmec** Press 130t 4 off
  - Compression Dies 77 off
  - Mobile Drum stands - Hydraulic 8 off
  - LDV, 4 x 4, 1t 13 off
  - Stringing equipment: pulleys, running blocks, slings, pilot rope 3 lots
  - Water tanks – Truck mounted 2 off
  - Samag, Truck, 190, 4x4, c/w 12t crane 3 off
  - Mercedes Benz Truck, 1517, c/w 11t crane 6 off
  - Mercedes Benz Double Diff, 22-19; 12t, c/w 15ton Crane 1 off
  - MAN 4x4 Truck, c/w 14t crane 1 off
  - Merc Benz Horse and 12m Trailer, c/w 34t crane 1 off
  - Toyota Dyna 4t Truck 2 off
  - 6m Trailer (16ton) 3 off
  - 9m Trailer – Low bed (32ton) 1 off
  - Excavator 20t; PC200-5 1 off
  - Foundation V-Blocking Props 20 sets
  - Shuttering 100m2
  - Complete Rock Drill incl. Compressor (Dia 100mm / 400mm) 1 off
  - Auger Drill - Truck Mounted (Dia100mm to 500mm) 1 off
  - JCB 4x4 digger loader 1 off
  - Merlo 4x4 – 3.5m3 Concrete Mixer (Self Batching) 1off
  - Cherry Picker (10m Reach/ 500kg) 1 off
  - Vibrating Rammers 3 off
  - Compressor 250CFM + Jack Hammers & Drills 2 complete set
  - Generators 3 off
  - Safety equipment. 3 lot
  - Earthing sets 16 off
  - Splicing and OTDR Testing Equipment 1 complete set
  - Recordable Dynamometer 2 off
  - Site Accommodation (Offices, Barracks, Caravans, Toilets, Stores etc...) 3 Sites
- We have recently acquired a substantial amount of new and used equipment to add to the above list.
- Hired In Non-Core Equipment:

Cranes; excavators: etc



## PREMISES

OptiPower owns in excess of 7000m<sup>2</sup> Industrial lands with 600m<sup>2</sup> under roof stores and offices in Strand, Western Cape: 239 Broadlands Road Industrial Area.

Furthermore, we have recently purchased 2 Ha land that will be developed to suit our yard and construction office requirements in the near future.



## AUDITORS

OptiPower has a cleared Tax Certificate, and all financials can be requested from our auditors firm: Technical Financial Services, on written request



## ENVIRONMENTAL

(Doc. OPTI: EN6000)

OptiPower has implemented and maintains an Environmental Management Plan within the guidelines of the requirements of ISO 14001.

We develop the requirements with the view of achieving a positive audit meeting the requirements of ISO 1400.

We do furthermore embrace all Clients Environmental requirements and specifications, i.e. Eskom's Environmental Management Programme (EMP), ref. WR-PROC-006-02, Rev0



## **PROCEDURES; SPECIFICATIONS AND STANDARDS:**

Quality Assurance: ISI9001-2000: OptiPower has implemented and is currently developing a Quality Assurance Management Standard with the aim of achieving the requirements of ISO 9001 – 2000. We have achieved the ISO 9001:200 Quality Implementation requirements, as audited by Eskom. OptiPower furthermore addresses and enforces the Safety requirements of our Clients, an example being Eskom Quality Assurance for the procurement of assets, goods and services, TRMASACQ9, REV0



## **COMPENSATION FOR OCCUPATIONAL INJURIES AND DISEASES ACT, 1993:**

OptiPower is registered and complies fully with the requirement of the compensation fund, i.e. Registration No: 0688-900-1532



## **TRAINING MATRIX: (Doc. OPTI: S2000.4)**

We also train all Employees the required level of first aid and Clients Safety Standards are met and maintained, i.e. Eskom's Occupational Health and Safety Requirements to be met by Contractors Employed by Eskom, SCSPVABF3 Rev0, and Management of Contractors in terms of Operating Regulations for High Voltage Systems and Occupational Health and Safety Act, Ref. WR-IN-3-03, REV0

## **SAFETY: (Doc. OPTI: S2000)**

OptiPower has implemented and maintains a Safety Manual that forms the guidelines of the requirements of the Occupational Safety and Health Act and Regulations of 1993.

## PERMANENT STAFF EMPLOYEES:

A. Swart  
W. vd Merwe  
A. Soobramoney  
B. Arends  
F. Mabena  
J. Swart  
T. Maggott  
R. Rossouw  
R Geldenhuys  
Q. Fourie  
P. Mathee  
L. Marques  
L Mtse  
D.J Pieters  
T. Swart  
N. Schneider  
F. Marais  
N. Swart  
K. Swart  
H. Duma  
E. Thamaha  
M. Marupenni  
F. Lubbe

Managing Director:  
Operations Director  
Bid Proposals Director  
Financial Director  
Marketing Director  
Company Secretary  
Admin/Receptionist  
SHERQ Manager  
Quality and Environmental Manager  
Fibre Optic Technician  
S/Stations Site Manager  
Contracts Manager  
Estimating Assistant / Civil Tech  
Supervisor  
Supervisor  
Supervisor  
Fibre Optic Supervisor  
Store man  
Site Technician / Jnr. Supervisor  
Wages/Clerk  
Operator  
Operator  
Mechanic

[andre@optipower.co.za](mailto:andre@optipower.co.za)  
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[info@optipower.co.za](mailto:info@optipower.co.za)  
[info@optipower.co.za](mailto:info@optipower.co.za)

10 x Trainee Linesmen/Live Line Linesmen  
Various

## SUPPLIERS

Business is only conducted with Suppliers complying with Clients requirements, either by proof of a valid Client vendor number or meets the relative requirements, or if nominated by the Client. Should a product be by Suppliers not on the approved vendor list, then we would confirm prior approval before any orders/business transpires. All business transactions are done according to our Quality Assurance Purchasing procedure and in accordance with Client Quality Assurance requirements for the procurement of assets goods and services, TRMASACQ9, Rev0 – (audited & certified)




**Steeledale**

## TYPICAL SUPPLIERS/CLIENTS RELEVANT TO POWER

### LINES:

Babcock	Contact Mr. Kevin Kane:	+27 11 739 8200
ABB	Contact Mr. Colin Elliott:	+27 82 659 3158
Haggie SA	Contact Mr. Tim Swartz:	+27 21 508 1500
McWade	Contact Mr. Dessan Naidu:	+27 82 904 1102
Malesela Taihan Electric	Contact Mr. Louis Van Wyk:	+27 83 271 5885
Mace Technologies	Contact Mr. Roy Macey:	+27 11 805 8393
Lafarge	Contact Sales	
EHM	Contact Sales	
Steeledale	Contact sales	
Tasmec	Contact sales	
Apar Industries	Mukesh Desai	+27 83 253 9457
Cual	Monja	+27 21981 4462
Ray Cape	Angus Bain	+27 21 552 5880
ARB	Joss Terry	+27 21 527 8820
PH Marketing	Veena	+27 11 835 1281
Golden Dynasty	Gordon Jiang	+2711 455 2061



**SCAW METALS GROUP**  
Haggie Reid Pty Ltd

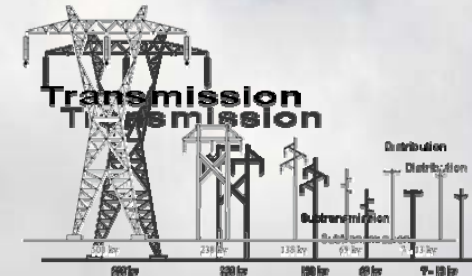


## EXPERIENCE

The vast majority of experience gained from previous contracts, whilst in the employment of ABB, ranging from Project Manager to Linesmen. To name a few contracts participated on was:

RSA-Namibia Interconnector: 2000km : 400kV  
 Aries – SA Border: 350km Quad Tern : 400kV  
 Scorpion Keetmanshoop - Roshphina : 400Kv (Ron Smith)

Current experience ranges from 11kV to 400kV Distribution and Transmission line Turnkey Projects,  
 OPGW / ADSS Supply & Install, and Substation Turkey Projects & refurbishment Projects.  
 In OptiPower's existence, we have completed, amongst others, projects as follows:



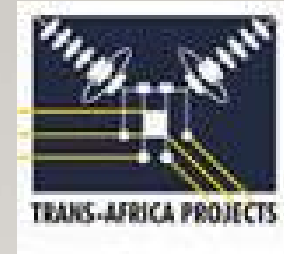
Company	Year	Reference	Contract
Eskom	2005	Mr. P Van Praag 0836339996	Bachus: New 400kV Terminal Tower, OPGW Substation Expansion: waterlogged conditions
Eskom	2006	Mr. Sukan Naidoo: +27 82 7842491	Muldersvlei-Stikland 400kV D/C: New Terminal Tower; OPGW; Replace Insulators Waterlogged conditions
Eskom	2007	Mr. Sukan Naidoo: +27 82 7842491	Gautrain Project 275kV D/C: New Strain Structures; OPGW; Increase Height for Gautrain Project.
Eskom	2007	Neil Bodger: +27 82 8951363	MIZPAH-MSINGA Project 132KV S/C: 45km; Extreme Difficult Terrain
Eskom	2007	Mr. Ben Nel +27 72 8286229	Eskom Transmission: 400kV Grid: Replace 577 No Tower's insulators and Hardware with New Equipment
City Of Cape Town	2007	Mr. Edgar Capes +27 21 9187097	City of Cape Town: Transmission: 132kV Twin Conductor, Double Circuit
Eskom Distribution - Western Cape	2008/2009	Miliswa Begezi +27 21 9803966	Khayelisha 132kV Substation: Installation and Commissioning of new Equipment

# EXPERIENCE

CONTINUED...

Anglo American	2008	Mr. Eric Gilfillan +27 11 6383230	66kV Feeder bays install and commission for generating Plant at Petro SA – Mosselbay.
Eskom Transmission	2008 /2009	Mr. Piet Greyling +27 21 9152111	Re-Insulation of Various 400kv Lines, in the Western Cape Region, In Progress Koeberg - Aurora, and Grassridge
Eskom	2009	Mr. Max Jacobs +27 21 980-3918	Eskom Distribution: 132kV Twin Conductor, Double Circuit –N2 Crossing
City Of Cape Town	2009	Mr. Ted Brader +27 21 763 5615	City of Cape Town: ADSS Fibre install over informal settlement
Eskom	2009	Mr. Mansoor Barday +27 21 980 3911	Knysna – Eastford ADSS
Eskom	2009		88kV Line Refurbishment Bacchus McGregor
Eskom	2009/2010	Mr. Egon Davids +27 82 553 7090	Briers OPGW
Eskom	2009/2010	Mr. Mansoor Barday +27 21 980 3911	Romansrivier - Boskloof OPGW
Eskom	2010	Mr. Pine Pienaar +27 21 980 3911	Serepta – Belhar ADSS Replacement
Eskom	2009/2010	Ryan De Leeuw +27 21 980 3911	Stikland Eversdal ADSS
Eskom	2010	Mr. Max Jacobs +27 21 980-3918	Firgrove – Lourensriver 132KV – Double Circuit Monopole Line
Eskom	2010	Miliswa Beqezi +27 21 9803966	Mpilo Substation 66KV Upgrade
Eskom	2010	Mr. Sugan Naidoo: +27 82 7842491	Ingula – Venus Loop-In 400KV Overhead Transmission Line

**OUR CLIENTS**



CITY OF CAPE TOWN | ISIXEKO GASEKHA | STAD KAAPSTAD  
CITY OF CAPE TOWN | ISIXEKO GASEKHA | STAD KAAPSTAD

THIS CITY WORKS FOR YOU  
THIS CITY WORKS FOR YOU



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