





OUR TABLE OF CONTENTS

3	Introduction
3	Vision, Mission and Values
4	Company Structure
5	Expertise & Human Resources
6	Financial Capabilities
7	Field of Operation
7	Area of Operation
8	Resources - Plant, Machinery & Vehicles
10	Corporate Social Investment
11	Recognition and Achievements
12-19	Major Projects



INTRODUCTION AND HISTORICAL BACKGROUND

Mkhulu Electro Distribution Projects has its roots in historical Over Head Transmission Line construction company, Eagle Power Transmission (EPT) which was founded in 1993.

Mkhulu was established in the year 2000. The company experienced exponential growth that saw it acquiring EPT resources. It was registered as a (Pty) Ltd in 2009.

The company started out with a staff complement of between 30 – 80 employees during project execution and increased steadily to 250 - 800 employees currently.

It was established by two main founding members who saw fit it to establish an entity that would integrate long serving employees as shareholders. This was meant to recognise their commitment and loyalty to the company.

The company has gone through various transformations in ownership, capacity and demographics but it has not strayed from its basic creed: despite its size and scale of operation, it still operates like a family entity. Some of the traits that could be associated with its family orientated ethos include the fact that shareholders and senior management prioritise employees' well-being, long term retention of employees even when there are projects under execution, growth of internal resources and general 'looking-out-for-each-other' world view.

Mkhulu currently holds a BBBEE level 1 as a reflection of its commitment to the transformation agenda. Mkhulu implemented its transformation goals in 2013 where a diverse and dynamic ownership and leadership structure was established.

VISION

Contribute significantly to the socio-economic improvement of Southern Africa by leading in the construction of energy infrastructure through the empowerment of people, growth and innovation.

MISSION

Mkhulu EDP shall forge ahead while still rooted in its core values, beliefs and inherent culture. This shall ensure that the vibrant, humane and multicultural nature of the company is not lost while pursuing growth. Employees shall comprise of highly motivated and competent individuals that as a driven

team, excel in construction of energy infrastructure in Southern Africa while striving to maintain the highest safety, environmental compliance and product quality. Mkhulu EDP shall be synonymous with competency, reliability and integrity.

VISIONARY | RESILIENT | ADAPTABLE | TENACIOUS | NURTURING | EXCELLENCE

COMPANY STRUCTURE

Mkhulu's structure has been designed to enable it to handle Turnkey Projects with requirements from design through to actual construction. This ability has given Mkhulu the reputation of being reliable, consistent and able to meet customer requirements in all aspects of its work.

In order to ensure good governance, Mkhulu has various structures that fulfill different roles. The highest level being the Board of Directors comprising of its wide variety of qualifications, experience and skills that enable it to fulfill its legal responsibilities and drive company direction. Furthermore, there is the

Executive Board which is made up of the Executive Directors of the company that plays oversight on operational control. Then there is a Steering Committee made up of company Senior Supervisors who have an advisory function to Senior Management and the general work force.

BOARD OF DIRECTORS



Mr. Michele Giovanni Buonomano
Executive Director

Michele Giovanni Buonomano has a Diploma in civil engineering and land surveying. He started working with Powerlines which later evolved to be ABB in 1970 as a site engineer/project leader until 1993. In 1993 he formed (together with Mr G.Lamperini) Eagle Power Transmission which later evolved to Mkhulu. Besides being a part owner and Director, he has been involved in all Mkhulu projects as a site manager, driving delivery and project execution in the company. He has led the execution of over 40 transmission line construction projects in various countries over the last 50 years.



Dr. Jean Marcello Lamperini
Managing Director

Jean Marcello Lamperini has an Electrotechnical Diploma from the Institute of Technical and Industrial Studies in Reggio Emilia, Italy. He also has a Masters' Degree in Mechanical Engineering (majored in structural engineering and thermodynamics) from University of Parma, Italy. His career began in 1996 as a project engineer for Landi Renzo S.p.A, a leading European company in LPG and LNG automotive Fuel Conversion. He joined EPT in 1997 as a Project manager, where he managed his first transmission line projects in sub-Sahara Africa. In 2000 he started his free-lance consulting in integrated engineering, and it is in this role that he was exposed to business start-up projects and turn-around strategy projects in Europe, USA, Far east for companies in the industrial /commercial plant building (Technical Director of Tecni-impianti) and automotive sector (Project and production Manager International projects Meyster S.p.A.). In 2004 he joined Mkhulu where over and above directly managing projects he was tasked to develop the company from a mainly subcontracting family reality to a structured organization. He was subsequently formally appointed as General Manager in 2009, a title which changed to Managing Director in 2010. He has grown the company from humble beginnings to the major player it has become today in its industry.



Mr. Alessandro Lamperini
Non Executive Director

Alessandro Lamperini has a degree in Political and Business Science, from the State University of Milan, Italy which was achieved in 1993. He has owned and has managed family restaurants from 1996 to 2013 in Cape Town, South Africa. He has been a shareholder and director in Mkhulu since November 2010.



Ms. Zola Hlatshwayo
Executive Director

Zola Nozipho Hlatshwayo holds a Bachelor of Science Degree from University of Swaziland (1997), Postgraduate Diploma from Bath University (2002) and a Masters' Degree from University of Cape Town (2004).

She has worked for Swaziland Environment Authority as an Information Officer and later as an Analyst, CCA Environmental as a Consultant, Cradle of Humankind as an Integrated Environmental and Conservation Manager, PBMR (Pty) Ltd as a Senior Environmental Coordinator, Eskom as a SHEQ Manager and now responsible for Organizational Efficiency within Mkhulu. She has been a Director in Mkhulu since 2013 and has also been a Project Manager for various projects since joining the company.



Ms. Mary Francois Robinson
Non Executive Director

Mary Francois Robinson holds a Bachelor of Arts majoring in communication Science and Linguistics from the University of South Africa. Her work experience began in 2004 and includes having worked as editor for Homeguide Magazine and production manager at CR Publishing.

She has served as Director on the board of Mkhulu since 2013. Her current role is Training Manager at Siyazama Professional Management Services. She has helped establish this department and led it to attain accreditation with various Sector Education Training Authorities.

WHAT POWERS COUNTRIES

EXPERTISE AND HUMAN RESOURCES

Mkhulu has amassed collective experience of over 500 years of OHTL construction (11kV-765kV). Mkhulu has employed an average of 650 employees with peaks of 800 over the years made up of machinery operators; highly skilled climbers, with an average work experience of 20 years in OHTL each. Its supervisors have approximately 45 years' experience in OHTL construction.



Mkhulu EDP's financial strength has grown consistently and considerably from inception to date, reaching and surpassing the 300 Million Rand mark in 2013. The asset base of the group has also increased to an estimated 81 Million Rands.



FIELD OF OPERATION

Mkhulu is active in the construction of overhead transmission lines ranging from 11kV to 765kV in the Sub-Sahara region.

The company's experience covers a 360° spectrum of activities and responsibilities from design through procurement to construction management. It provides a full range of expertise that enables it to offer client-oriented solutions.

Mkhulu is presently recognized as a major industry player in Southern Africa as it is one of a few South African contractors that are Eskom

- recognised and qualified to construct 765kV transmission lines.

There are no limitations and/or constraints in terms of the size, complexity, equipment or plant requirements of a project for which Mkhulu can execute. From 1993 to 2022, Mkhulu has successfully constructed in excess of 2500 kilometers of high voltage lines both a subcontractor and a principal Contractor.

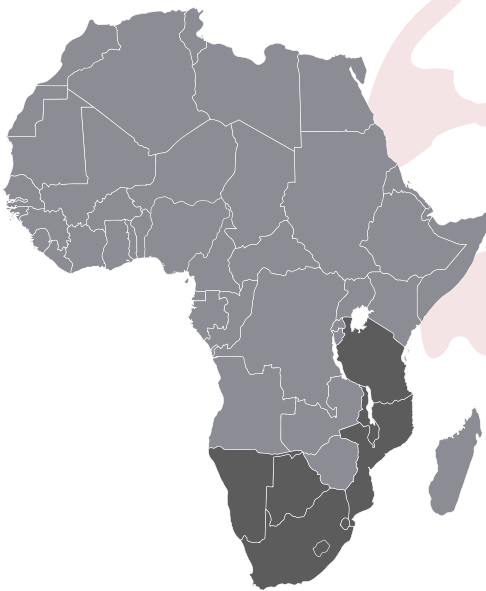
11-66kV

32-275kV

400kV

765kV

AREAS OF OPERATION



SOUTH AFRICA:

2024: Aquila MTS Loop In & Loop Out & OPGW Works.

2024: Upington 400kV Substation

2024: Aries Upington 400kV Transmission Line Section B.

2024: Construction of Kappa Oya EBOP 132kV Line.

2024: Masa_Ngwedi 400kV & 765kV Transmission Line Foundations Defect Closure.

2021: Masa_Ngwedi 1&2 765kV Transmission Line (Section C).

2021: Masa_Ngwedi 1&2 765kV Transmission Line (Section D).

2020 - 2023: Kusile Lulamisa 400kV Transmission Line (Section A).

2019 - 2020: Hydra Perseus 1 765kV Line (Emergency Work)

2019 - 2021: Medupi Borutho 400kV Transmission Line.

2019 - 2022: Matsoku To Polihali 132kV Transmission Line.

2019 - 2020: Alpha Beta 1&2 & Hydra-Perseus 1 765 Transmission Lines.

2019: Apollo-Cahora Basa Emergency Tower Recovery 553kV.

2019: Medupi Loop In & Out 400kV Lines.

2017 - 2019: Ankerlig Sterrekus 400kV Double circuit transmission line.

2016 - 2018: Masa Ngwedi 1&2 400kV & 765kV Transmission Line Section E.

2016 - 2018: Everest Merapi 400kV Transmission Line.

2014 - 2016: Kappa Sterrekus 765kV Transmission Line Section A.

2014 - 2015: Duvha Kusile 400kV Transmission Line and Duvha Kendal Line Lift.

2011 - 2013: Ferrum -Mookodi 400kV Transmission Line Section A and B.

2011 - 2012: Ferrum deviation 275kV.

2011 - 2012: Gamma-Kappa 765kV Transmission Line Section A.

2009 - 2010: Hydra Perseus 765kV Transmission Line Section B.

2008: Hydra Gamma 765kV

Transmission Line Line 1 & 2.

2007: Mercury-Perseus 765kV Transmission Line / Beta-Delphi 400 kV Transmission Line Section 2

2006: OCGT -Atlantis 400kV double circuit loop-ins.

2005: Hendrina Vulcan #2, 400kV line deviations/ Atlas Snowdon 275kV

Line 1&2 to Atlas-Scafel & Everest line/ Apollo 400kV substation (bay

changes)/ Alpha-Beta 765kV guy anchor refurbishment line/ Vantech

275kV double circuit loop-ins into xstrata/ Matimba-Witkop 400kV

Transmission Line.

2004: Bighorn-Marang 400kV Transmission Line Section / Merensky

-Witkop 400kV turn-in Lesedi substation.

2003: Athene-Pegasus 400kV Transmission Line.

2002: Arnot-Vulcan 400kV Transmission Line/ 275kV Sasolburg deviation OHTL.

2000 - 2001: Tower erection at Eskom testing station.

BOTSWANA (Eagle Power Transmission):

2003: Thamaga-Kanye 132kV Transmission Line.

1999: Thamaga-Jwaneng 132kV Transmission Line.

1994 - 1995: Serule switching station 132kV and 220kV Line deviation.

MOÇAMBIQUE:

2014: Cahora Bassa 533kV Transmission Line Restoration.

1999 - 2000: Maputo-Mozal substation 132 kV Transmission Line/ Quelimane 33 kV Line.

NAMIBIA:

2001 - 2002: Van Eck Walvis bay.

2001: Kokerbom Orib-Vulcan 400kV Transmission Line.

1993: Omburu Ruakana 330 kV Transmission Line refurbishment.

RESOURCES -

PLANT, MACHINERY & VEHICLES

FOUNDATIONS:

- Theodolites
- Dumpy Levels
- Air Drive Water Pumps
- Atlas Copco Jack Hammers
- Atlas Copco Paving Breakers
- Earth Compactors/ Rammers
- 3 x 21Ton Doosan Excavators
- 7 x Komatsu; JCB and CAT TLBs
- 2 x Crawler Rock-Drills Furukawa PCR 200
- 10 x Air Compressors
- 2 x Hydraulic Casagrande Drills

ASSEMBLY AND ERECTION:

- 1 x Liebherr 220 Ton Crane
- 1 x Tadano 220 Ton All Terrain Crane
- 1 x Tadano 45 Ton Rough Terrain Crane
- 32 (4x4) 5-8 Ton Trucks with 7-10 Ton Cranes
- 5 (6x6) Trucks with 15 - 30 Ton Cranes
- 3 (8x8) Trucks with 32 - 44 Ton Cranes
- 2 x (8x6) Trucks with 90 Ton Cranes
- 1 x (8x6) Iveco Truck with 16 Ton Crane
- 3 x 1 Ton Winches
- 2 x 18 Ton Hydraulic Pullers
- 1 x 2.5 Ton Hydraulic Puller
- 2 x 2.5 Ton Hydraulic Tensioners
- 1, 3, 5 and 7 Sheave Pulley Blocks
- Running Boards for 1, 3, 4 and 6 Conductors
- 2 x 16 Ton Hydraulic Tensioner for up to 6 conductors
- Hydraulic Steel wire and OPGW Drum Stands with mechanical brake
- Approximately 60 km of Pilot Wire (12mm-24mm)
- Hydraulic Conductor Drum Stands
- 1 x 19 Ton Hydraulic Puller
- 1 x 18Ton Hydraulic Tensioner for up to 6 conductors

CONCRETE CASTING:

- Wide range of Arco shutters for towers
- 132kV to 765kV towers
- Vibrator Units Air and Mechanical Drives
- Concrete Mixers 1/8 m3 and 0.5 m3
- Air - Drive Pumps for Grout Casting
- 2 x Batching Plants (Karoo)
- 4 x Mercedes concrete mixer trucks 6x2
- 2 x Self Loading Dieci Concrete Mixers 4x4

GENERAL PLANT, MACHINERY & VEHICLES:

- 3 x 2 axle towing drum carriers' trailer 8meter
- 6 x Diesel Bowser Towing Trailers 1.000 CTR
- 30 x Chemical Toilet Carrying Trailers
- 3 x 3 Axle Trailers 13 and 15meter
- 7 x Low bed Trailers 30 Tons
- 1 x Low bed Trailer 40 Tons
- 3 x Interlink Trailers
- 1 x Superlink Trailer
- 20 x 1.5Ton Trailers
- 6 x Komatsu bulldozers
- 10 x 7.5kV Petrol Generators
- 2 x 75kV Generators Cummins Diesel
- 4 x (4x4) Tractors for pilot cables
- 8 x Horse Tractor Iveco Freightliners
- International Long Distance Transport Trucks
- 89 x (4x4) Single and Double Cabs LDV
- 1 x 3Ton All Terrain Volvo
- 2 x Iveco Trailer - 440
- 1 x Volvo Front Loader 3
- 3 x 7Ton Hyster Forklifts
- 1 x Manitou Tele Handler (14 meters)
- 1 x JCB 926 rough terrain Forklift 4x4



RESOURCES -

PLANT, MACHINERY & VEHICLES

STRINGING, REGULATION AND SAGGING:

- 3 x 1-Ton Winches
- 2 x 18-Ton Hydraulic Pullers
- 1 x 2.5-Ton Hydraulic Puller
- 2 x 2.5-Ton Hydraulic Tensioners
- 1, 3, 5 and 7 Sheave Pulley Blocks
- Running Boards for 1, 3, 4 and 6 Conductors
- 2 x 16-Ton Hydraulic Tensioner for up to 6 conductors
- Hydraulic Steelwire and OPGW Drum Stands with mechanical brake
- 60+ km of Pilot Wire (12mm-24mm)
- Hydraulic Conductor Drum Stands

STRINGING, REGULATION AND SAGGING CONTINUED:

- More than 300 Self gripping clamps
- 5 Hydraulic Presses (12mm-38mm Conductor)
- 12 x Cradle reel elevators CVC002
- 3 x Detachable steel reels BOC050

FRONT LOADER AND FORKLIFT:

- 1 x Volvo Front Loader 3
- 3 x 7 Ton Hyster Forklifts

MISCELLANEOUS:

- More than 100 Barracks
- 14 x Caravans
- Washing Bays and oil separators for workshops
- Water recycling units
- More than 80 Mobile toilets
- Dismountable Ablution blocks and Showers



LEAVING A FOOT PRINT EVERY WHERE WE GO

CORPORATE SOCIAL INVESTMENT



MASA NGWEDI SECTION C AND D

- Groenvei Secondary school: 10 office chairs
- Krause primary school: 100 school chairs
- Northern high: toilet refurbishment
- Ysterberg primary school supply and delivery: wheel chairs, walking sticks for the blind, blankets
- Moses Kotane community hall: refurbishment of doors and windows

KUSILE LULAMISA 400KV TRANSMISSION LINE (SECTION A)

- Issued 1450 masks and sanitizers to the community members
- 100 Pairs of school shoes bought for previously disadvantaged schools

MEDUPI BORUTHO 400KV TRANSMISSION LINE (SECTION A)

- Formal training of 50 unemployed local youth

MEDUPI LOOP IN & OUT 400KV LINES

- Distributed food parcels to 200 elderly people in Lephalale

MATSOKU-POLIHALI

- Constructed 3 off Roads for HA-TSEHLA VILLAGE
- Supplied and Installed Borehole Pump at TS'EHLE GOV PRIMARY SCHOOL
- Carried out Repairs and Upgraded HA LEJONE POLICE POST
- Donated Solar Equipment, TV and Educational Material to various schools
- Donated Safety PPE to MAMOHAI HOSPITAL INCINERATOR OPERATORS

ANKERLIG STERREKUS

- Witsand Community Hall (Witsand)
- Parking and drop off facilities, West Fleur Primary School (Atlantis)
- Donation of 400 packs of sanitary and health products to Bhabhathane Butterfly foundation (Atlantis)

MASA NGWEDI SECTION E

- St. Catherina Hospice (Mogwase)
- Equipment and Facilities of Community Hall (Mabe a Podi)
- Training for unemployed locals (Sandfontein Community)
- 62 learner chairs, 30 learner tables (Chaneng primary School)
- Building of an Old Age Home, Bokamoso (Chaneng)
- 1 Desk and 3 high back chairs (Kgotla la Chaneng)
- Training for unemployed local (Chaneng Community)
- Furnishing of Chaneng Primary School (Chaneng)

EVEREST MERAPI

- School Jerseys Phahamisang Public School (Meloding Virginia)
- School Shoes for students from ten schools – (Mandela 67 minutes)
- Carpet and Heaters Installation at a preschools (Winburg)
- Career Exhibition (Excelsior)
- Netball Tournament (Virginia)
- Christmas Gift Vouchers for families in need (Virginia)
- School Uniforms and Stationery (Excelsior)
- School Hall Roof refurbishment (Virginia)

KAPPA STERREKUS

- Donation of classrooms to Lingcina Zethu Secondary School (Ceres)
- Donation of classrooms to Mantjiesfontein Pre School and Primary School (Ceres)
- Refurbishment of boardrooms at Siqalo Development Trust (Ceres)
- Renovations at Hope Orphanage
- Renovations at Huis Maudie Kriel Old Age Home (Ceres)

FERRUM MOOKODI

- Refurbishment of hotel (Kuruman)
- Construction of a community hall (Kga-Mothibi)
- Refurbishment of Boiketong, Dithakwaneng and Bothetheletsa Pre-schools, Primary and middle schools

GAMMA KAPPA

- Refurbishment of hostels (Nelspoort)

MERCURY PERSEUS

- Development of multiple soccer fields, provision of related equipment and regalia for sports (Bothaville and Bultfontein)

CSI INITIATIVES 2025

BAMBANNAI HIV SUPPORT CENTRE

Donated and installed a heavy-duty jungle gym for the community of Alra Park



NN NDEBELE SECONDARY SCHOOL

Donated a 8.14x7.06m classroom container to a disadvantaged school

ARIES UPINGTON 400KV PROJECT CSIS

- Donation of groceries to a soup kitchen
- School shoes to three schools in Kakamas, Northern Cape
- Toiletry to school kids from three schools in Kakamas, Northern Cape
- Stationery to Laerskool Orange Suid



RECOGNITION AND ACHIEVEMENTS

MKHULU EDP HAS BEEN RECOGNISED FOR VARIOUS AWARDS IN PERFORMANCE, HEALTH AND SAFETY, LOCALISATION, INNOVATION.

Mkhulu has spent millions of Rands on communities in proximity to the projects under execution as part of its Corporate Social Investment Projects

- Mkhulu EDP currently holds a BBEE level 1 in its commitment to the transformation agenda
- Exceeding compact targets in all projects since 2014
- First company to successfully execute tower erection by Derick Jin pole/Erection by Hand on a 765kV line in South Africa
- Innovation and outstanding performance in Health and Safety
- ISO 9001: ISO 14001 : ISO 45001 certified
- CIDB Level 9EP and 9CE

MAKING THINGS POSSIBLE

MAJOR PROJECTS

2005

MATIMBA-WITKOP 400kV TRANSMISSION LINE

CLIENT: Eskom

MAIN CONTRACTOR: Transdeco

SUB-CONTRACTOR: Mkhulu Electro
Distribution Projects cc

SCOPE OF WORKS: Erection of 69 towers
(515; 518; 524 as well as 528 series) and
Stringing of 42 kilometres of line.

2006

APOLLO 400 kV SUBSTATION (BAY CHANGES)

CLIENT: Eskom

MAIN CONTRACTOR: Mkhulu Electro Distribution
Projects cc

SCOPE OF WORKS: Two bay changes requiring
installation of 1, 518 D type tower, triple
dinosaur and bull.

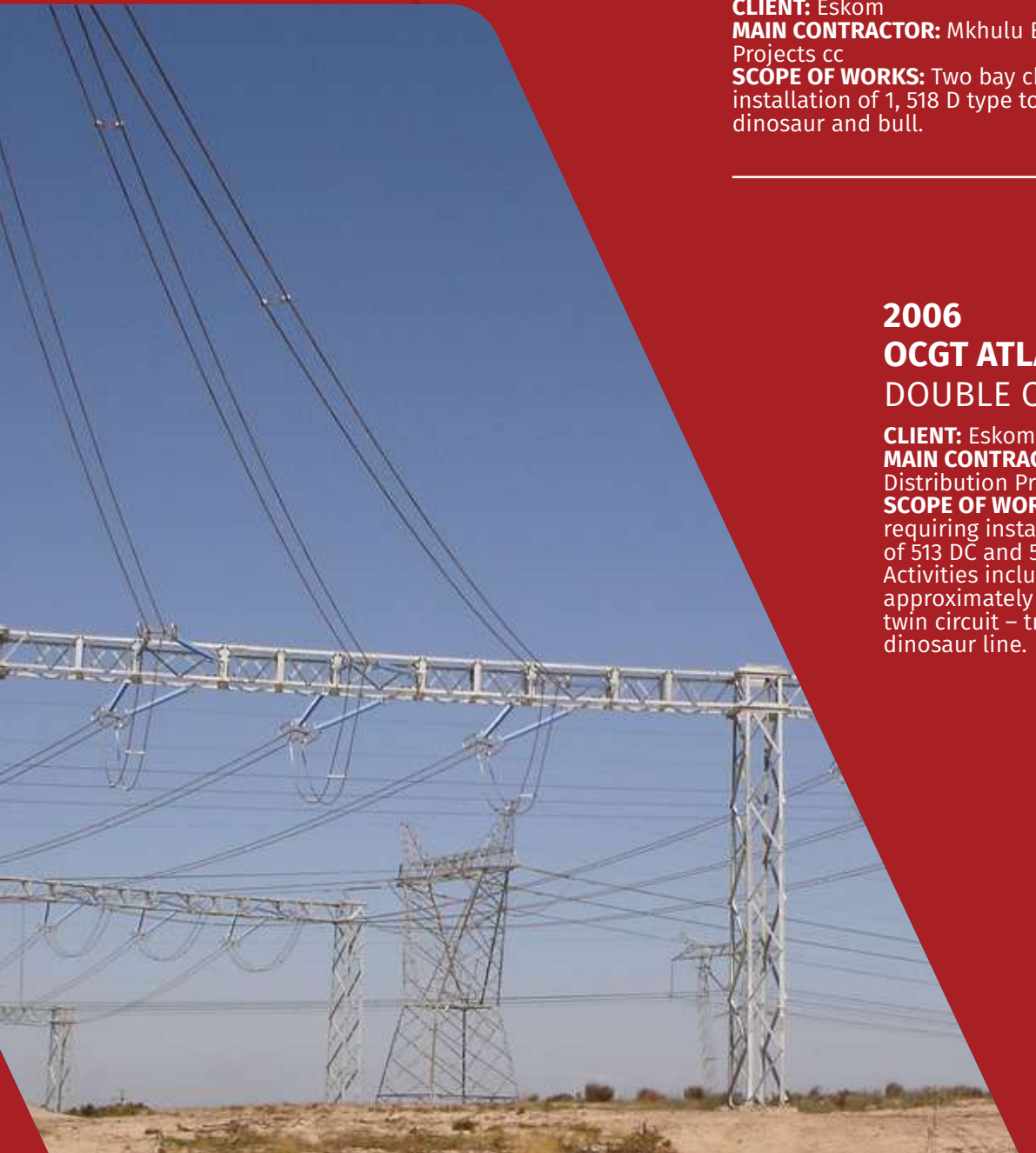
2006

OCGT ATLANTIS 400kV DOUBLE CIRCUIT LOOP-INS

CLIENT: Eskom

MAIN CONTRACTOR: Mkhulu Electro
Distribution Projects cc

SCOPE OF WORKS: Tie Ins -
requiring installation of 30 towers
of 513 DC and 515 Type series.
Activities including stringing of
approximately 6 kilometres of
twin circuit – triple tern and twin
dinosaur line.



MAJOR PROJECTS

2006 HENDRINA VULCAN #2 400kV TRANSMISSION LINE DEVIATIONS

CLIENT: Eskom

MAIN CONTRACTOR: Mkhulu Electro
Distribution Projects cc.

SCOPE OF WORKS: Line deviation
requiring installation of 21 towers of
515 Type series, activities including
stringing of approximately 8.1
kilometres of twin dinosaur line.

2006 ATLAS SNOWDON 1 AND 2 TO ATLAS-SCAFEL AND EVEREST 275kV TRANSMISSION LINE

CLIENT: Eskom

MAIN CONTRACTOR: Mkhulu Electro
Distribution Projects cc

SCOPE OF WORKS: Atlas sub-
stations decommissioning requiring
installation of 434 type series towers
of approximately two kilometres of
twin goat line.

2007 MERCURY PERSEUS 765kV TRANSMISSION LINE

CLIENT: Eskom PDP

MAIN CONTRACTOR: Viscas Corporation

SUB-CONTRACTOR: Mkhulu Electro Distribution cc

SCOPE OF WORKS: Installation of 340, 703B and
701 type series and stringing of approximately 160
kilometers of single circuit – six Tern line.



MAJOR PROJECTS

2009-2010

HYDRA GAMMA 1 & 2 765kV TRANSMISSION LINE

CLIENT: Eskom

MAIN CONTRACTOR: Viscas Corporation

SUB-CONTRACTOR: Mkhulu Electro Distribution Projects cc

SCOPE OF WORKS: Installation of 275 towers (703B and 701 Type series) and Stringing of approximately 130 kilometers of Single Circuit – Six Tern line in close proximity to heritage sites thus more restrictions and regulations.

2009-2010

HYDRA PERSEUS B 765kV TRANSMISSION LINE

CLIENT: Eskom PDP

MAIN CONTRACTOR: Viscas Corporation

SUB-CONTRACTOR: Mkhulu Electro Distribution Projects (Pty) Ltd

SCOPE OF WORKS: Installation of 165 towers of 703B and 701 Type series and Stringing of 80 kilometres of Single Circuit – Six Tern line.

2011-2012

GAMMA KAPPA A 765kV TRANSMISSION LINE

CLIENT: Eskom PDP

MAIN CONTRACTOR: Viscas Corporation

SUB-CONTRACTOR: Mkhulu Electro Distribution Projects (Pty) Ltd

SCOPE OF WORKS: Installation of 224 towers of 703B and 701 Type series including stringing of 100 kilometres of single circuit – six tern line.



MAJOR PROJECTS

2011-2012 FERRUM DEVIATION 275kV TRANSMISSION LINE

CLIENT: Eskom PDP

MAIN CONTRACTOR: Mkhulu Electro Distribution Projects (Pty) Ltd

SCOPE OF WORKS: Upgrade Ferrum sub-station from a 275/1132/ GGkV to a 400/275/1132/ GGkV sub-station by deviating existing 275kV lines.



2011 - 2013 FERRUM -MOOKODI 400kV TRANSMISSION LINE A AND B

CLIENT: Eskom PDP

MAIN CONTRACTOR: Mkhulu Electro Distribution Projects (Pty) Ltd

SCOPE OF WORKS: Installation of 529C, 520B, 517 and 518 type series. Activities including stringing of approximately 200 kilometres of Single circuit, triple tern conductor with 19/2.7 earth wire and OPGW (48 core).



APRIL 2014 APOLLO-CAHORA BASSA 533kV TRANSMISSION LINE

CLIENT: Hydro De Cahora Bassa

PRINCIPAL CONTRACTOR: Transmission Grid Consulting

SUB CONTRACTOR: Mkhulu Electro Distribution Projects (Pty) Ltd

SCOPE OF WORKS: Replacement of a section of 5.6km QUAD ACSR Zambesi Conductor (31,8mm) on a 533kV line across the Limpopo River valley. Stringing was done throughout the inaccessible wetlands by helicopter. Despite the very challenging circumstances, from mobilisation to completion took one month from confirmation of order.





MAJOR PROJECTS

MARCH 2014 - JULY 2015 DUVHA - KUSILE 400kV TRANSMISSION LINE DEVIATION

CLIENT: Eskom PDP

MAIN CONTRACTOR: Mkhulu Electro Distribution Projects (Pty) Ltd

SCOPE OF WORKS: Deviation of the Duvha-Kusile line for approximately 12km to allow for mining activities for the coal supply to Kusile Power Station. A total of 32 towers comprising of 520B, 518H, 518C and 518D tower types were installed. This included an additional challenge of constructing a new tower underneath the old line.

MAY 2015 DUVHA - KENDAL 400kV TRANSMISSION LINE LIFT

CLIENT: Eskom PDP

MAIN CONTRACTOR: Mkhulu Electro Distribution Projects (Pty) Ltd

SCOPE OF WORKS: Eskom LES designed a solution to increase the vertical clearance between the Duvha-Kendal 400kV line and the new Kusile Road. The solution was to insert a new 518H tower to replace the existing 512A tower in order to increase the vertical clearance.



MAY 2014 - AUGUST 2015 KAPPA STERREKUS 765kV TRANSMISSION LINE

CLIENT: Eskom PDP

MAIN CONTRACTOR: Mkhulu Electro Distribution Projects (Pty) Ltd

SCOPE OF WORKS: Construction of 62 Kilometers of single circuit (six bundled tern conductors) transmission line traversing mountainous areas with environmentally protected species. The location of some towers did not permit access for cranes and vehicles resulting in construction by hand and requiring helicopter work.

MAJOR PROJECTS

MAY 2016 - MARCH 2018 EVEREST MERAPI 400kV TRANSMISSION LINE

CLIENT: Eskom PDP

MAIN CONTRACTOR: Mkhulu Electro Distribution Projects (Pty) Ltd

SCOPE OF WORKS: Construction of 115 kilometers, 262 towers of single circuit transmission line from Virginia are to Excelsior (Free State).

SEPTEMBER 2016 – SEPTEMBER 2018 MASA NGWEDI 765KV & 400KV TRANSMISSION LINE 1 & 2 (SECTION E)

CLIENT: Eskom PDP

ENGINEER: Eskom LES

MAIN CONTRACTOR: Eskom LES

SCOPE OF WORKS: Construction of 37.5 kilometres 400kV and 37.4 kilometres 765kV comprising of 90 towers (400kV) and 87 towers (765kV) of parallel 765kV and 400kV transmission lines around Mogwase area (North West) in the Lephale area in the Limpopo Province.

FEBRUARY 2017 – OCTOBER 2018 ANKERLIG STERREKUS 400kV DOUBLE CIRCUIT TRANSMISSION LINE

CLIENT: Eskom PDP

MAIN CONTRACTOR: Mkhulu Electro Distribution Projects (Pty) Ltd

SCOPE OF WORKS: Construction of 17 kilometers, 54 towers of double circuit transmission line around the Atlantis area in Cape Town (Western Cape).

MARCH 2019 – JUNE 2019 MEDUPI LOOP IN & OUT 400KV LINES

CLIENT: Eskom PDP

MAIN CONTRACTOR: Mkhulu EDP

SCOPE OF WORKS: Construction of a new 4km section of the Matimba Medupi and Medupi Spitskop 3 400kV Transmission line from Medupi Power Station in the Lephale area in the Limpopo Province.





MAJOR PROJECTS

APRIL 2019 APOLLO-CAHORA BASA EMERGENCY TOWER RECOVERY

CLIENT: Eskom PDP

MAIN CONTRACTOR: Mkhulu EDP

SCOPE OF WORKS: Emergency recovery on the Apollo Cahora Basa no. 1 533kV kV HVDV line between towers 1110 and 1114

AUGUST 2019 – JUNE 2020 ALPHA BETA 1&2 & HYDRA-PERSEUS 1 765 TRANSMISSION LINES

CLIENT: Eskom

MAIN CONTRACTOR: MKHULU-EDP

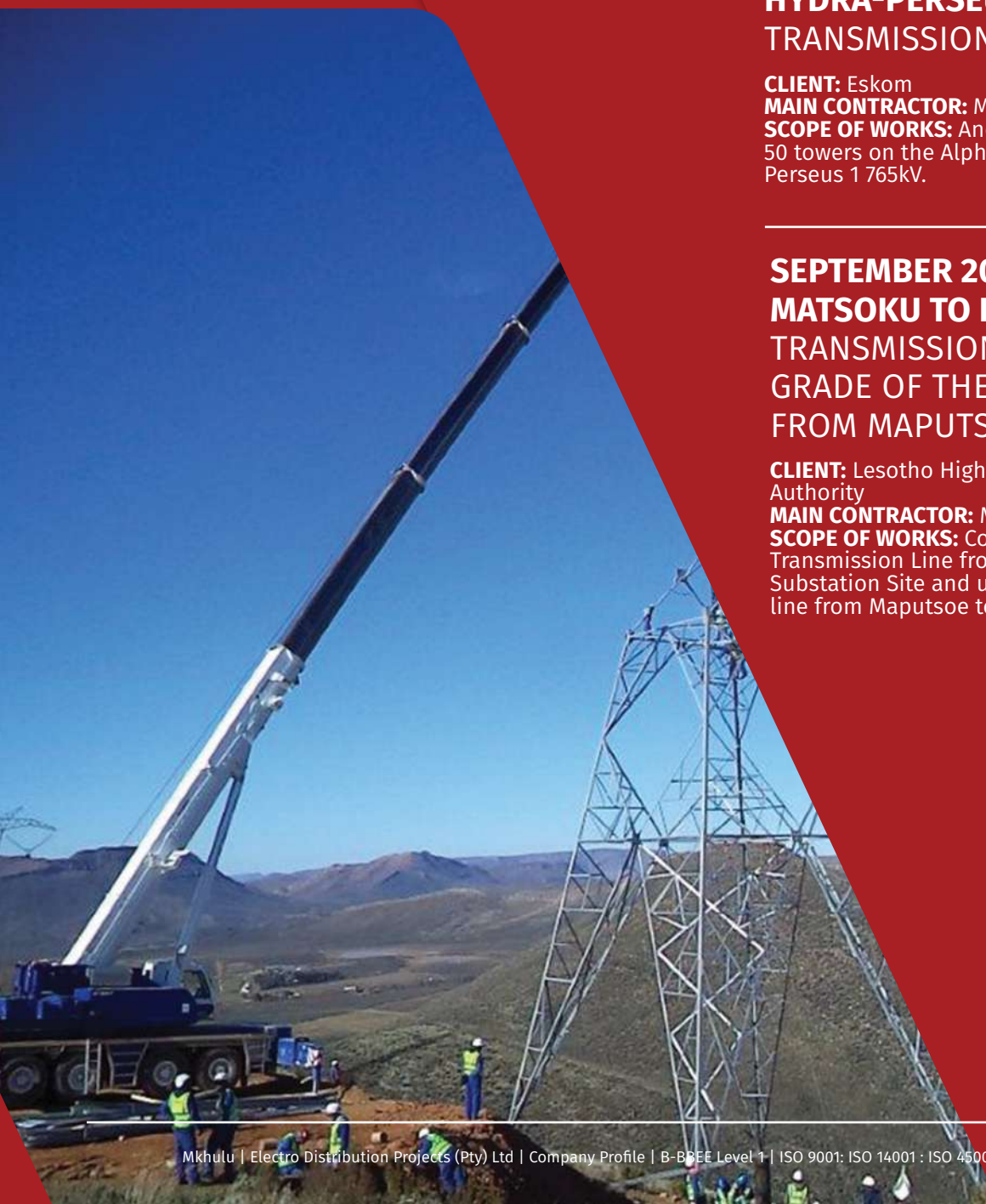
SCOPE OF WORKS: Anchor refurbishment of 50 towers on the Alpha-Beta 1 & 2 and Hydra-Perseus 1 765kV.

SEPTEMBER 2019 – 2021 MATSOKU TO POLIHALI 132KV TRANSMISSION LINE AND UP- GRADE OF THE EXISTING LINE FROM MAPUTSOE TO MATSOKU

CLIENT: Lesotho Highlands Development Authority

MAIN CONTRACTOR: Mkhulu EDP

SCOPE OF WORKS: Construction of new 132kV Transmission Line from Matsoku to Polihali Substation Site and upgrade of the existing line from Maputsoe to Matsoku.



MAJOR PROJECTS

DECEMBER 2019 – MARCH 2021 MEDUPI BORUTHO 400KV TRANSMISSION LINE (SECTION A)

CLIENT: Eskom PDP

MAIN CONTRACTOR: Mkhulu EDP

SCOPE OF WORKS: Construction of 25km of Medupi Borutho 400kV Transmission Line from Medupi Power Station to Borutho Substation.

SEPTEMBER 2019 – MARCH 2020 HYDRA PERSEUS 1 765KV LINE (EMERGENCY WORK)

CLIENT: Eskom PDP

MAIN CONTRACTOR: Mkhulu EDP

SCOPE OF WORKS: Alpha Beta 2 emergency recovery and construction of the 400kV bypass

AUGUST 2020 – SEPTEMBER 2023 KUSILE LULAMISA 400KV TRANSMISSION LINE (SECTION A)

CLIENT: Eskom PDP

MAIN CONTRACTOR: Mkhulu EDP

SCOPE OF WORKS: Construction of 77km of the Section A portion of the 400kV Kusile Lulamisa 400kV Transmission Line

MARCH 2021 – NOVEMBER 2022 MASA_NGWEDI 1&2 765KV TRANSMISSION LINE (SECTION C)

CLIENT: Eskom PDP

MAIN CONTRACTOR: Mkhulu IMAB Consortium

SCOPE OF WORKS: Construction of $\pm$ 40km of 765kV Transmission Power Line from tower 181 to tower 269 of Masa-Ngwedi

MARCH 2021 – NOVEMBER 2022 MASA_NGWEDI 1&2 765KV TRANSMISSION LINE (SECTION D)

CLIENT: Eskom PDP

MAIN CONTRACTOR: Mkhulu EDP

SCOPE OF WORKS: Construction of $\pm$ 40km of 765kV Transmission Power Line from tower 269 to tower 352 of Masa-Ngwedi



MAJOR PROJECTS

FEBRUARY 2024 – AUGUST 2024 **MASA NGWEDI 400KV & 765KV** **TRANSMISSION LINE FOUNDATIONS** **DEFECTS CLOSURE**

CLIENT: Sinohydro

MAIN CONTRACTOR: Mkhulu EDP

SCOPE OF WORKS: Inspection and fixing of defects on Foundations and other aspects of work conducted by previous contractors

APRIL 2024 **CONSTRUCTION OF KAPPA** **OYA EBOP 132KV LINE**

CLIENT: Sinohydro

MAIN CONTRACTOR: Mkhulu EDP

SCOPE OF WORKS: Construction of 33km of 132kV line from Kappa Substation to Oya. Works include surveying and pegging, foundations, assembly and erection of towers, stringing and regulation of conductor and OPGW. This is a Procurement and Construct Contract.

MAY 2024 **CONSTRUCTION OF OYA** **ELECTRICAL BALANCE OF** **WORKS - SUBSTATIONS**

CLIENT: Sinohydro

MAIN CONTRACTOR: MKHULU-EDP

SCOPE OF WORKS: Construction of Oya Collector Stations, Hybrid Station and Kappa Feeder Bay. Activities include Civil Works, Primary Plant and Secondary Plant. Also includes BESS Platform Civils. This is a Procurement and Construct Contract.



MAJOR PROJECTS

MAY 2024 UPINGTON 400KV SUBSTATION

CLIENT: NTCSA

MAIN CONTRACTOR: Mkhulu EDP

SCOPE OF WORKS: All civil and electrical works including commissioning. This is a Procurement and Construct Contract.

JULY 2024 AQUILA MTS LOOP IN & LOOP OUT & OPGW WORKS

CLIENT: Proconics

MAIN CONTRACTOR: Mkhulu EDP

SCOPE OF WORKS: All civil and electrical works including commissioning relating to the new MTS (AQUILA) connection (Loop IN and OUT) to the existing Hydra Poseidon 400 kV including 160 km of OPGW stringing . This is a Procurement and Construct Contract.

Tel: +27 11 814 4169

Fax: +27 11 814 8149

Email: info@mkhulu-edp.co.za

11 Kings Way, Nigel, 1491

P.O. Box 913, Nigel, 1490, South Africa

Reg. 2009/007445/07

Vat No: 4100192345

Tel: +27 11 525 9380

Block B PTN FF

37 Homestead Road

Corner 12th Avenue

Rivonia, Sandton, 2128

www.mkhulu-edp.co.za

