



TRACTIONEL
HOLDINGS

COMPANY **PROFILE**

OUR LEGACY

THE JOURNEY AND EVOLUTION OF TRACTIONEL SINCE 1982

Tractionel Enterprise was established in 1982, initially specialising in railway electrical infrastructure solutions. As the company evolved and the demand for advanced infrastructure solutions grew, Tractionel expanded its expertise to include areas such as Medium and High Voltage Reticulation, Renewable Energy, Distribution (Dx) / Transmission (Tx) Substations, and Overhead Lines. Tractionel also functions as an EPC in all these sectors.

1982

15 NOVEMBER 1982

Fedbos Engineering (Pty) Ltd was founded, trading as Tractionel Enterprise.

1985

20 FEBRUARY 1985

Fedbos Engineering (Pty) Ltd was renamed Tension Overhead Electrification.

2010

2 JULY 2010

Tractionel Group Holdings (Pty) Ltd and Tractionel Maintenance (Pty) Ltd was established. Tractionel Enterprise is now a subsidiary under Tractionel Group Holdings (Pty) Ltd.

2014

5 DECEMBER 2014

Consolidated Infrastructure Group Ltd (CIG) acquired Tractionel Group Holdings (Pty) Ltd.

TRACTIONEL HOLDINGS

Tractionel Holdings, a dynamic force in the realm of electrical infrastructure, has undergone a remarkable transformation since its acquisition by Enza Construction in April 2021. Tractionel Holdings is 100% fully owned subsidiary of Crowie Holdings Group (Pty) Ltd.

Tractionel CIDB Grading:
9EP & 1EB, 1CE, ISO 9001, ISO 14001, ISO 45001, and OHSAS 18001 certified.

2021

30 APRIL 2021

Tractionel Group Holdings (Pty) Ltd was acquired and is now wholly owned by Crowie Holdings Group (Pty) Ltd.

8 JULY 2021

The company was renamed from Tension Overhead Electrification to Tractionel Enterprise.

2023

30 AUGUST 2023

Tractionel Transmission (Pty) Ltd was established as part of Tractionel Group Holdings (Pty) Ltd.

2025

18 AUGUST 2025

Tractionel Enterprise (Pty) Ltd relocated its Head Office to Parc Nicol Office Park in Bryanston, where we now operate from a shared office space with ENZA Construction (Pty) Ltd.

26 NOVEMBER 2025

Seriti Green's Ummbila Emoyeni Vunumoya 400kV Main Transmission Station (MTS) has been successfully completed and handed over to the client — a first-of-its-kind project for Tractionel.



SUBSIDIARIES: Tractionel Holdings (Pty) Ltd subsidiaries are a source of pride, and our leadership shares great synergy with these divisions, which endorse the highest standards of ethics and professionalism.



COMPANY OVERVIEW

ELEVATING INFRASTRUCTURE

With over four decades of experience, Tractionel has evolved from being a Railway Electrical Contractor to an Electrical Engineering Contractor covering all of South Africa's Energy and Rail challenges. Tractionel has rapidly become one of South Africa's pre-eminent High Voltage contractors, being able to address our clients' requirements in Interconnectivity Grid Works from IPP substations through to ESKOM 400kV Transmission Grids. This expertise, experience, and capacity has allowed Tractionel to work from the general Distribution (Dx) substation and lines environment through to the highly specialised 400kV Transmission (Tx) substation and lines sector.

Having completed all the HV works in one of the country's largest Solar and Grid Scale BESS project for Scatec (in Kenhardt) has enabled Tractionel to offer its clients these solutions in an integrated fashion. We have delivered the 540MW grid-scale BESS for Scatec, and we were also instrumental in completing two of the three ESKOM pilot BESS projects in South Africa. This experience makes us one of the country's leading contractors in BESS projects.

A significant milestone for us is the first 400kV substation that has been built by the private sector outside of ESKOM (Seriti in Mpumalanga). This was handed over to ESKOM through a self-build agreement between the private sector and government. This was achieved in partnership with our parent company, Enza Construction.





OUR MISSION AND VISION

At the core of Tractionel's journey is a strong commitment to creating long-term value and sustainability for all stakeholders. This commitment shapes our vision — to be a leading provider of electrical engineering infrastructure solutions, setting industry standards and continuously growing our market presence. This vision has been further strengthened through our integration into the Crowie Holdings Group (Pty) Ltd.

OUR VALUES



EXCELLENCE

At Tractionel, we deliver electrical engineering excellence through four decades of expertise, precision, and innovation. Our commitment to quality and sustainability ensures every project meets global standards while advancing renewable energy, efficiency, and environmentally conscious solutions—creating lasting value for our clients, communities, and the planet.



INTEGRITY

We operate with honesty, transparency, and accountability, building trust through ethical conduct and enduring partnerships.



SAFETY

We prioritise safety in everything we do - protecting our people, clients, and communities through rigorous standards and uncompromising compliance.



COLLABORATION

We build trusted partnerships to deliver impactful electrical infrastructure that strengthens South Africa's energy and rail networks- creating jobs, empowering communities, and advancing sustainable progress.

LEADERSHIP

To outpace competitors, align with evolving market demands, and embrace cutting-edge technology, one requires an innovative and forward-thinking electrical infrastructure partner. That partner is none other than Tractionel Enterprise that boasts a team of accomplished engineers, project managers, contracts managers, and safety and environmental advisors that spearhead the management of clients' infrastructure projects from initiation to culmination, all while upholding the highest safety standards.

DIRECTORS



Rowan and Clinton Crowie
Executive Chairman & CEO of
Enza Construction (Pty) Ltd

Rowan and Clinton Crowie co-founded Enza Construction in 2003, building it into a leading force in South Africa's construction industry under the Crowie Holdings Group. Rowan, with 28 years of experience and a B.Sc. in Construction Management, leads Crowie Holdings with entrepreneurial vision and a strong belief in empowering teams, while also serving on key industry advisory boards. Clinton, who holds a B.Sc. in Construction Management and an MBA, is the CEO of Enza Construction and has overseen major projects both locally and abroad.

Together, the Crowie brothers have expanded the group's footprint and capabilities through strategic growth initiatives — most notably the acquisition of Tractionel Enterprise, a move that strengthened Crowie Holdings' presence in the electrical infrastructure and engineering sectors. Their combined leadership continues to drive innovation, transformation, and excellence across the built environment.



Neresh Pather (PR.Eng)
Group CEO Tractionel
Holdings (Pty) Ltd

Neresh is the Chief Executive Officer of Tractionel Holdings Group, having joined the business as the Executive Chairman. Before this, Neresh was the Director of Infrastructure at Enza Construction our parent company. Neresh served as the Chief Operations Officer of MPAMOT before taking on the role of Partner, Head of Africa for HKA Global in the latter part of 2021.

He was previously Director and General Manager of Mott MacDonald Africa. Neresh has a B.Sc. in Engineering (Civil) from the University of KZN and an M.Sc. in Engineering (Transport). Neresh also served as the President of the Consulting Engineers of South Africa (CESA) from 2017-2019.



Diaan Viljoen (PR.Tech.Eng)
Group COO
Tractionel Holdings (Pty) Ltd

Diaan has been with Tractionel for over 18 years, starting as a Project Manager when the company entered the conventional energy space. He went on to lead the Power Solutions Division, later overseeing both the Railway and Power Divisions as Director of Project Execution.

His outstanding performance led to his appointment as an Executive Director on the Board and subsequently as Chief Operating Officer, a role he has held for over 3 years. With a B.Tech in Electrical Engineering (HC) and membership in the Engineering Council of South Africa (ECSA), Diaan's leadership and expertise have been instrumental in advancing Tractionel's growth in the energy sector.



Linus Kunene (PR.Tech.Eng)
Director: Executive
Tractionel Enterprise (Pty) Ltd

Linus Kunene is a highly experienced Electrical Engineer (registered with ECSA and SAIEE) with over 20 years in the field. He began his career with Transnet as an Electrical Engineering Technician in 2003. Advancing his expertise, Linus completed his Project Management studies at Stellenbosch University in 2009 and further completed his Business Management course at UNISA in 2016.

He joined Tractionel as a Project Manager in 2016, where he was later appointed as an Executive Director for Business Development and Proposals Engineering. He obtained an MBA from MANCOSA in 2021.

Collaboration forms the bedrock of this approach, ensuring that clients, communities, and stakeholders synergise their efforts for a mutually beneficial outcome. Driven by a philosophy of community collaboration, Tractionel sets the stage for fruitful partnerships with local communities, respected supply chain partners, subcontractors, and the public sector. These synergies manifest through projects that exemplify broad-based empowerment and transformation, contributing to local employment initiatives and the realisation of contractual empowerment targets.

DIVISIONAL DIRECTORS



Richard Poortier

Director: Commercial
Tractionel Enterprise (Pty) Ltd



Stephen Anderson
CA(SA)

Director: Financial
Tractionel Enterprise (Pty) Ltd



Molefi Modise

Director: Projects
Tractionel Enterprise (Pty) Ltd



Dewaldt Jansen Van Vuuren

Director: Projects
Tractionel Enterprise (Pty) Ltd



Niel Cronje

Director: Project Controls
Tractionel Enterprise (Pty) Ltd



Quinton Cryer

Director: Project Support
Tractionel Enterprise (Pty) Ltd



Wally Pepler

Director: Supply Chain
Tractionel Enterprise (Pty) Ltd

OWNERSHIP

Tractionel is proudly owned by the Crowie Holdings Group, a black-owned company. This lineage symbolises a commitment to empowerment, transformation, and sustainable growth. As Tractionel continues to shape the electrical infrastructure landscape, it remains steadfast in its dedication to innovation, collaboration, and the betterment of communities. At Tractionel, we are not just building infrastructure; we are shaping a future where empowerment, innovation, and sustainability converge.

EMPOWERMENT AND SUSTAINABILITY

Embedded within Tractionel's ethos is an unwavering commitment to community empowerment. This pledge manifests through the maximum possible allocation of the project value to local supplies, and in most cases, this exceeds the required 30%, early engagement. Tractionel's engagement extends beyond the immediate project, forging connections, building credibility, and establishing champions for each undertaking. Such a holistic approach ensures the optimal utilisation of community assets and resources, thereby fostering robust buy-in from the community.

UNLEASHING OPPORTUNITIES

The rail sector presents a realm ripe with opportunities. The surge in momentum within the tender process, after a period of stagnation, has opened new vistas. This resurgence is of paramount importance, given the critical need for an efficient rail system. Against a backdrop of declining rail network performance and decreasing freight transported via trains, Tractionel stands poised to rectify this trend. As rail infrastructure is revitalised, road congestion is alleviated, sparing the nation from the detrimental economic impact. Furthermore, Tractionel's contributions extend to facilitating seamless goods exportation, bolstering economic resilience.

Tractionel Enterprise (Pty) Ltd is:

- Level 1 BBBEE Value Adding Supplier
 - 100% Black Ownership
 - 135% Procurement Recognition
- Tractionel Enterprise being CIDB 9EP, IEB, ICE certified
- ISO 9001, ISO 14001, and ISO 45001 certified



SCOPE OF ACTIVITIES & OPERATIONS

Our services cover a wide range of capabilities. These include Substations, Transmission Lines, Distribution networks, all of which span the Energy and Rail sectors.

RENEWABLE ENERGY: HV GRID WORKS

With an increasing global drive to reduce the carbon footprint on the environment by introducing green initiatives, renewable energy solutions have become a priority and Tractionel is well positioned and committed to playing a major role in this space. Solar PV and wind turbine technology costs have reduced significantly over the last 13 years as compared to traditional power generation.

Tractionel is uncompromising in its approach and understands the complexity of selecting the right mix of renewable energy technologies, energy storage, grid power and conventional back-up generation to successfully execute a project. Tractionel has in-depth knowledge and experience to guide its clients through the countless possible scenarios, to arrive at a solution which best suits their business and needs.

Tractionel was awarded its first Renewable Energy project in 2013 and quickly established itself as a pioneer in the sector. With the vision of being the renewable energy solutions provider of choice in Southern Africa, Tractionel continues to set the industry benchmark and consistently grows its market share, ensuring that it is a major role player in the market.

This not only secures the sustainability of the Company but also works towards the protection and preservation of our planet. Tractionel employs best-in-class expertise that keeps pace with global demand and best practices, constantly challenging themselves to improve service delivery to bring their client's ideas to life, with an exceptional team of resident project and design engineers, project managers, planners, quantity surveyors, health & safety professionals, quality assurance officers, construction managers and supervisors, and a fully fledged project office.





Tractionel seamlessly provides clients with complete turnkey solutions from the design phase of a project through to the successful handing over and commissioning thereof, all conducted to the highest local and international standards. We partner with our clients in investigating and evaluating the various power supply options. We analyse and evaluate collected data to determine the efficiency of the different power generation technologies whilst considering CAPEX and OPEX costs.

In short, Tractionel is there every step of the way, from pre-feasibility to final execution, including commission and handover of the asset to the client at commercial operation. Within the Renewable Energy sector, Tractionel offers solutions that integrate a multitude of technologies in the most varied technical disciplines and sectors. These include the following:

- All HV Grid Works 132kV / 400kV
- Substations
- Transmission Lines
- Distribution Lines
- Solar Energy
- Wind Energy
- Hydro Energy
- Battery Energy Storage Systems (BESS)
- Waste to Energy Plants
- Geothermal
- Hybrid Plants

DISTRIBUTION AND TRANSMISSION LINES

Tractionel design, supply, erect, and commission overhead, distribution, and transmission lines on wooden, steel, and lattice poles. This is done strictly in accordance with the "Code of Practice for Overhead Power Lines for Conditions prevailing in South Africa" as required by Eskom, Municipalities and Mining Companies. Our aspiration to work in the 400kV Transmission Lines space and current projects has prompted Eskom to invite Tractionel onto their 400kV Transmission Line Incubation Programme, which we graduated out of since 2024. Since then, Tractionel has become one of NTCSA's panel A and panel B contractors for both Transmission Lines and Substations.

SUBSTATIONS AND SWITCHYARDS

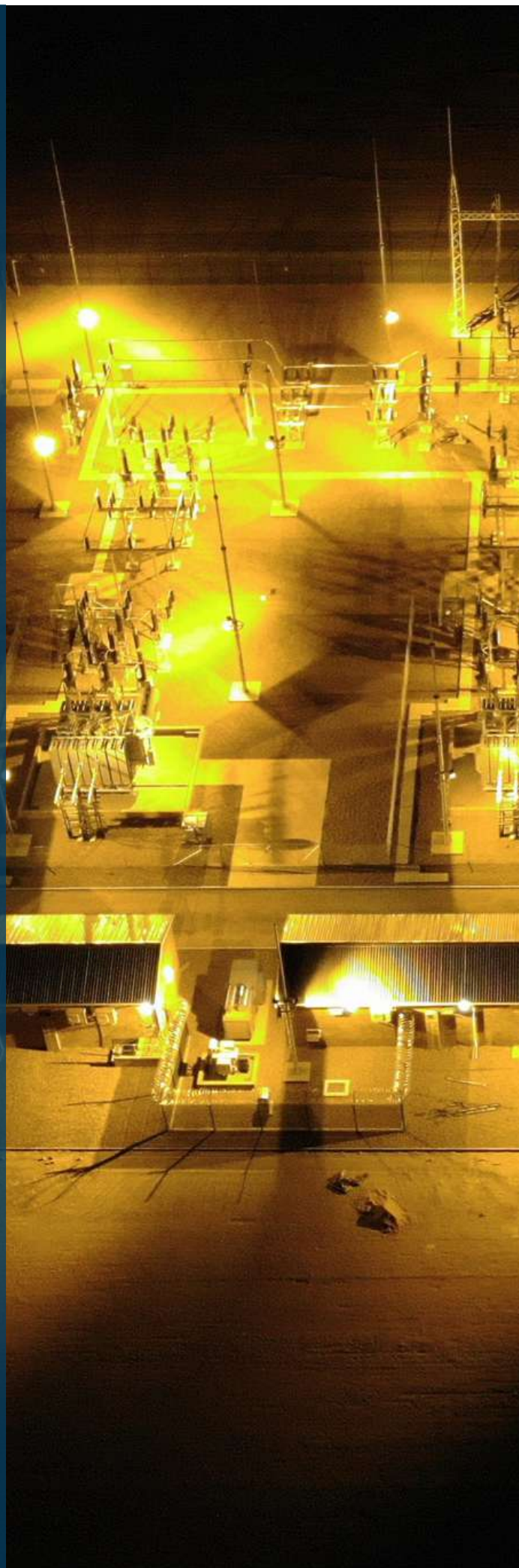
Tractionel design, supply, install and commission substations and switchyards of various voltages for Eskom, Municipalities, Transnet, PRASA and Mining Houses.

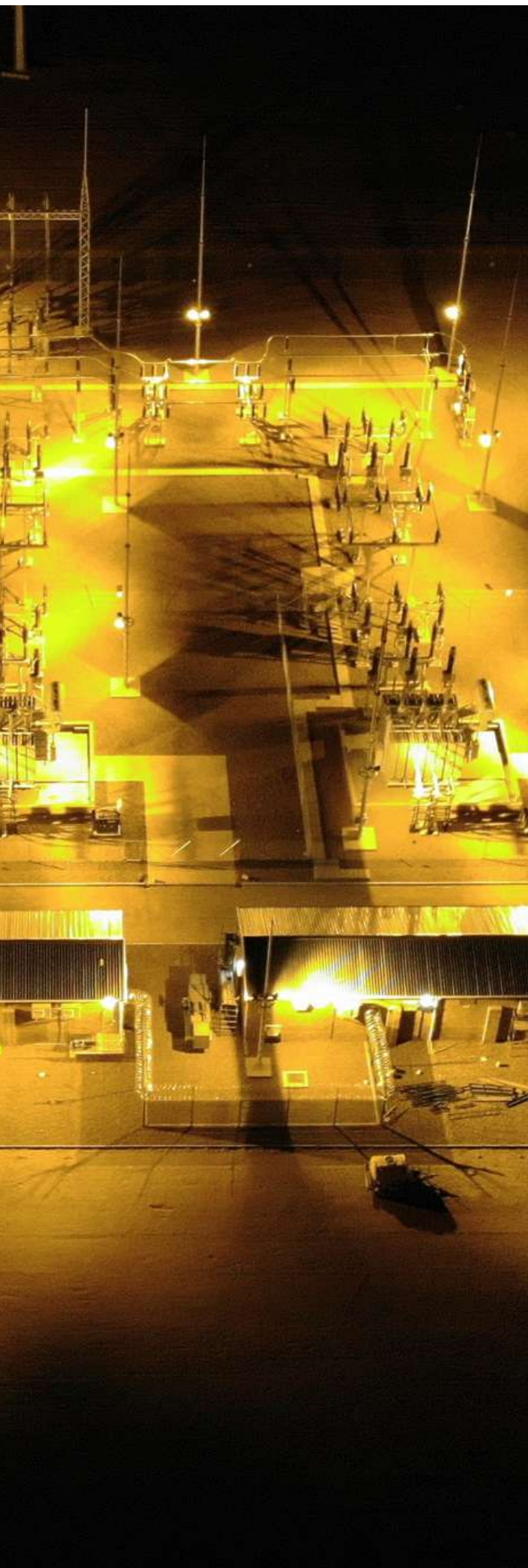
RAILWAY ELECTRIC TRACTION OVERHEAD EQUIPMENT & TROLLEY LINES

Tractionel design, supply, erect, and commission 3kV DC, 25kV AC, and 50kV AC Railway Electrification Projects for Transnet, PRASA, and Private Siding Owners. The electrification of private sidings is done in accordance with the latest specifications of TRANSNET.

Our services include the preparation of electrification layout drawings, switching diagrams, the submission of Drawings to TRANSNET for approval and issuing of energising notices. Should it be required, and in view of our extensive knowledge and experience in the design and execution of railway electrification and trolley lines, Tractionel would act in an advisory capacity for relevant projects.

Tractionel carries a range of spares for railway electrification and trolley line projects, enabling the company to effect emergency repairs where accidental damage or theft occurred to overhead contact line installations. Maintenance to existing electrified railway line installations is also undertaken by us.





ELECTRICAL TOWNSHIP RETICULATION

The Company has undertaken the supply, installation, and commissioning of overhead and underground medium and low-voltage reticulation networks, house service connections, and upgrading of existing networks, and has successfully completed numerous Township electrification projects for Eskom, Municipalities, and Township Development. These include Serengeti, South Downs, and Eagle Canyon.

INSTALLATION OF LV AND MV CABLES

Tractionel has extensive experience in the supply and installation of LV and MV cables to the stringent requirements of both manufacturers and clients alike.

LIGHT, MEDIUM, AND HIGH MAST LIGHTING

Tractionel erect light, medium, and high lighting masts on a regular basis for Eskom, Municipalities, Township Developers, Provincial Administrators, Transnet, PRASA, and Mining Houses.



SERITI VUNUMOYA MTS, SWITCHING STATION, AND TRANSPPOSITION TOWERS FOR SERITI GREEN

The scope of this turnkey project encompassed the full design, supply, installation, commissioning, and handover of critical infrastructure assets.

These include the Vunumoya 400kV / 132kV Main Transmission Substation (MTS), the 132kV Vunumoya Substation (SS), the 132kV distribution line, the 400kV loop-in loop-out (LILO) transmission line, as well as the 400kV transposition towers with associated remote-end upgrades for Eskom, in accordance with the stipulated self-build agreement.

Tractionel Enterprise was appointed to manage and execute the complete construction works. Our mandate extended across engineering design, manufacturing, factory acceptance testing, and rigorous quality assurance.

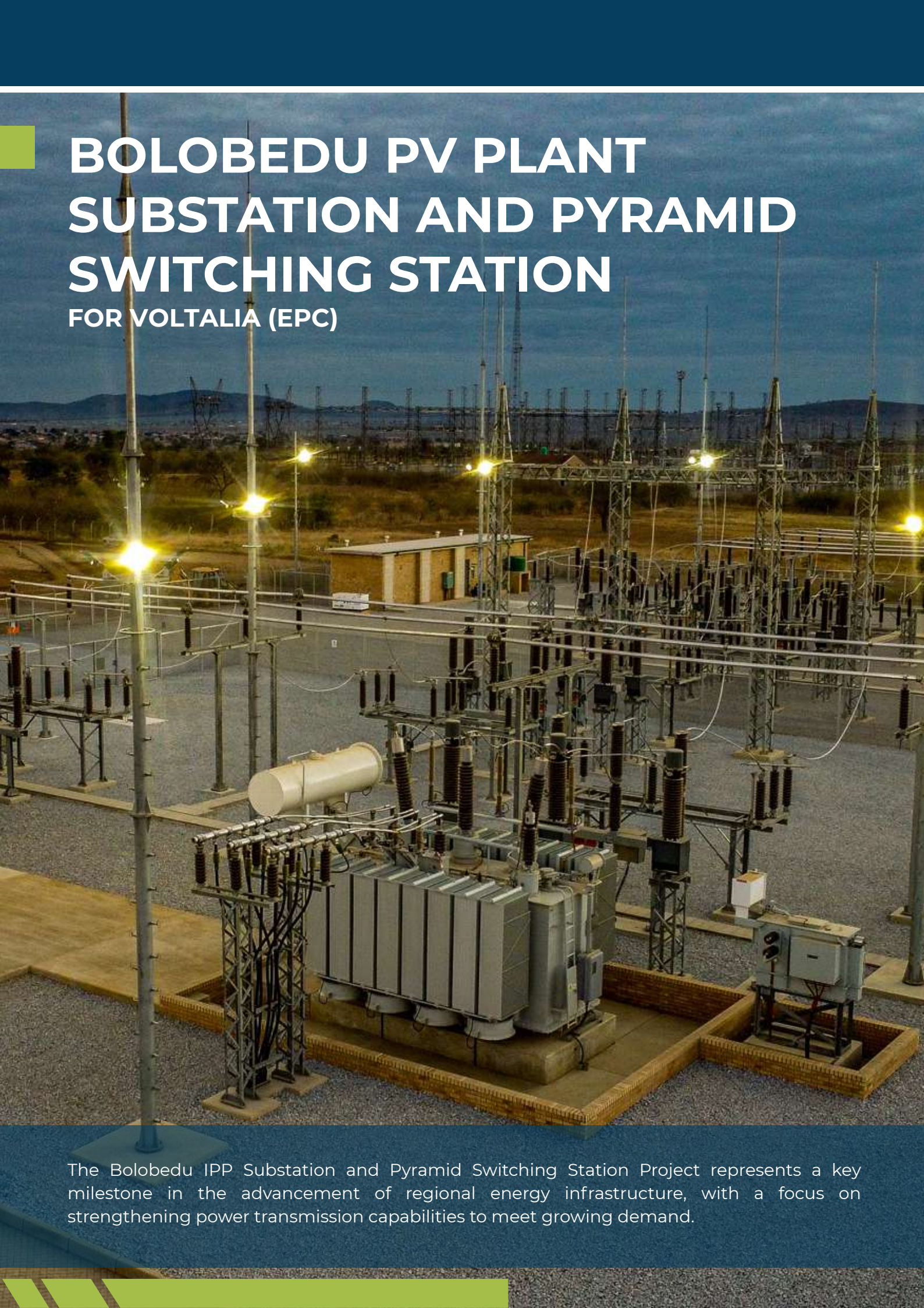
Additionally, we were responsible for the secure transportation, precise installation, and commissioning of all components on-site.

The project also included the full rehabilitation of the site upon completion, ensuring compliance with environmental and safety standards.

With an approximate project value of R860,000,000. This significant development is undertaken on behalf of our client, UmmBila Emoyeni (RF) Proprietary Limited.

Tractionel Enterprise was formally appointed on 09 November 2023, with execution taking place in the Mpumalanga Province. This project was delivered on time and in budget, having been officially handed over to NTCSA on 26 of November 2025.





BOLOBEDU PV PLANT SUBSTATION AND PYRAMID SWITCHING STATION

FOR VOLTALIA (EPC)

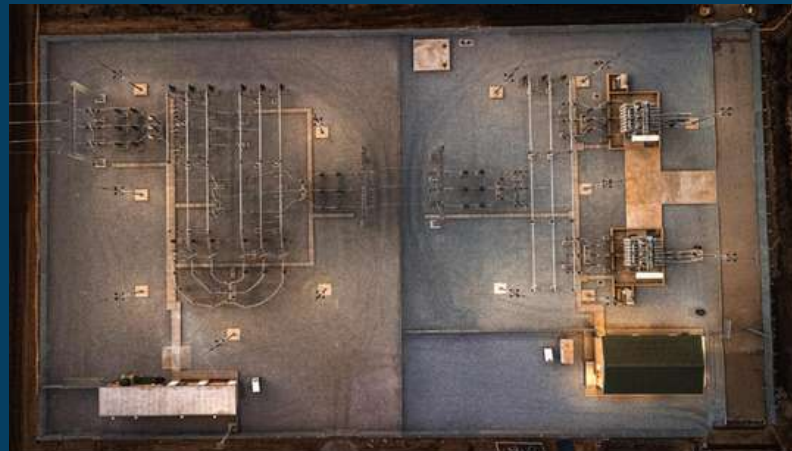
The Bolobedu IPP Substation and Pyramid Switching Station Project represents a key milestone in the advancement of regional energy infrastructure, with a focus on strengthening power transmission capabilities to meet growing demand.

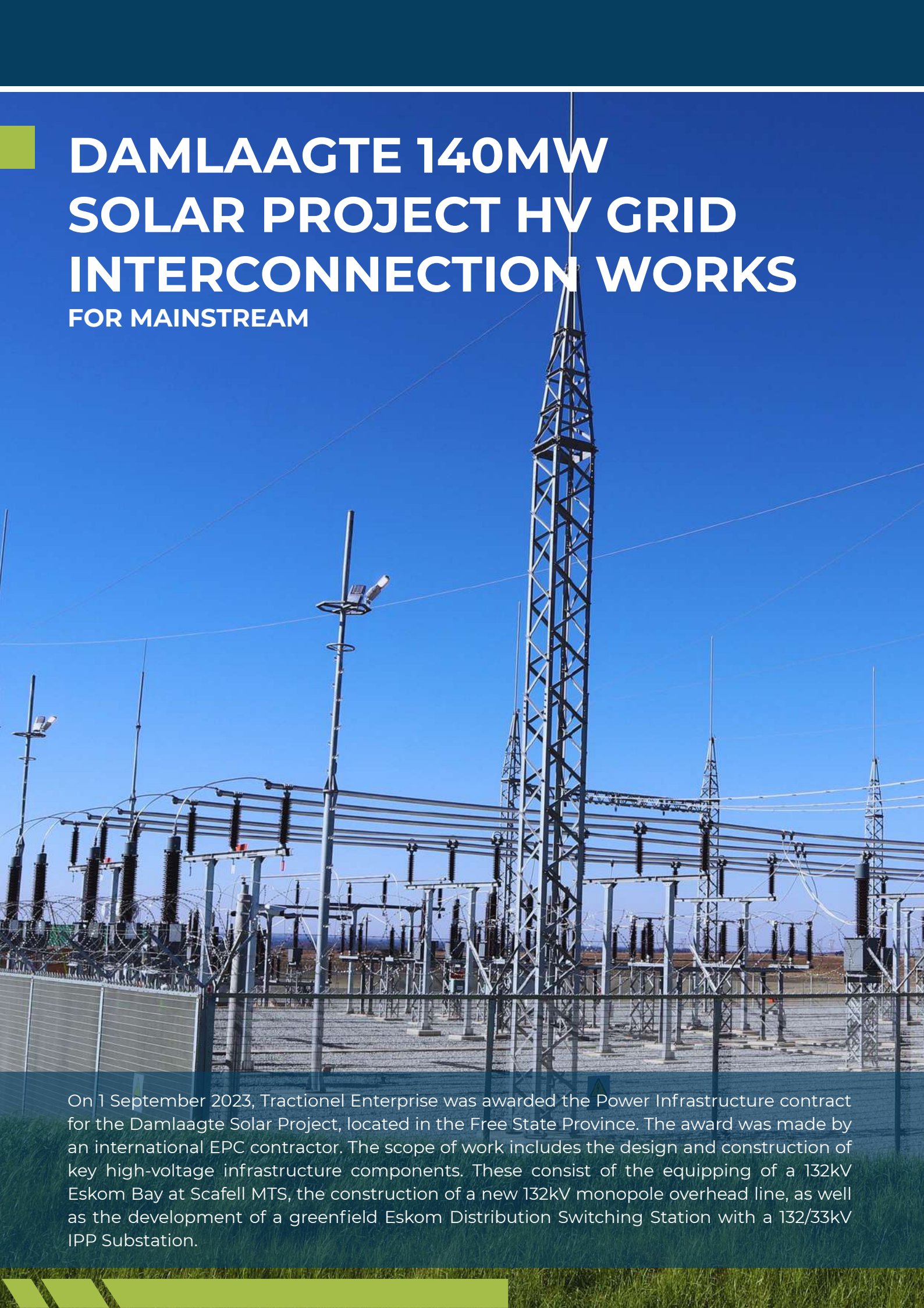
Tractionel Enterprise was awarded the contract for the design and construction of critical infrastructure, including the 132kV IPP Substation at the Bolobedu PV Plant, the 132kV Distribution (Dx) Pyramid Switching Station, the Eskom Overhead Line (OHL) to the Main Transmission Station, and the installation of Optical Ground Wire (OPGW).

Together, these works establish the backbone of a resilient, reliable, and efficient power transmission network that supports both industrial and community energy requirements.

With a project value of approximately R250,000,000 and under the leadership of Voltaia South Africa (Pty) Ltd as the client, this turnkey initiative commenced in June 2023 and was completed in November 2025.

The project highlights Tractionel Enterprise's commitment to delivering high-quality solutions that enable the transition towards a sustainable and future-ready power grid.





DAMLAAGTE 140MW SOLAR PROJECT HV GRID INTERCONNECTION WORKS FOR MAINSTREAM

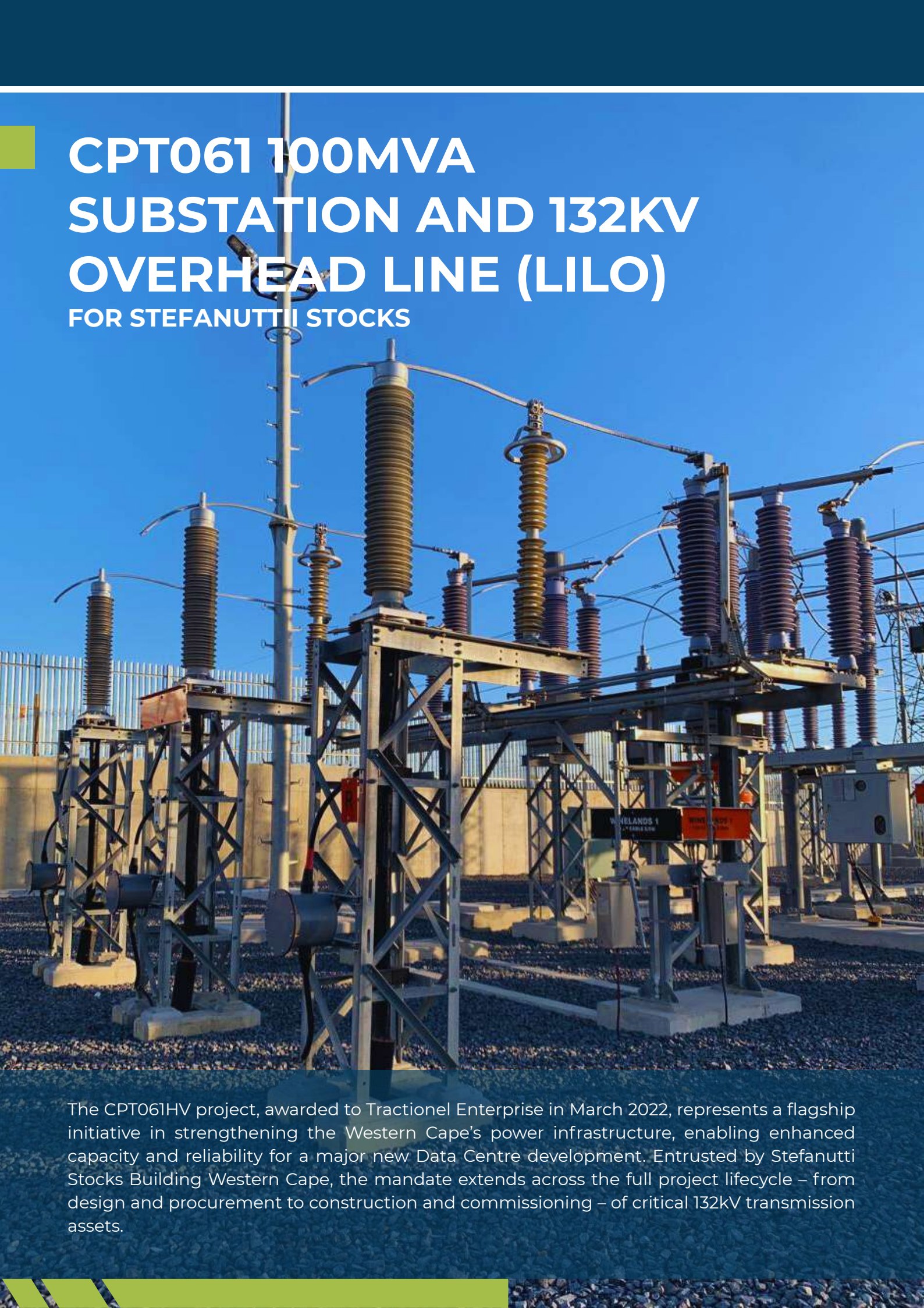
On 1 September 2023, Tractionel Enterprise was awarded the Power Infrastructure contract for the Damlaagte Solar Project, located in the Free State Province. The award was made by an international EPC contractor. The scope of work includes the design and construction of key high-voltage infrastructure components. These consist of the equipping of a 132kV Eskom Bay at Scafell MTS, the construction of a new 132kV monopole overhead line, as well as the development of a greenfield Eskom Distribution Switching Station with a 132/33kV IPP Substation.

Collectively referred to as the HV Grid Works, these elements form the essential high voltage network required to enable the evacuation of energy from the photovoltaic (PV) facility into the national grid, ensuring reliable integration of renewable power into South Africa's energy system.

With an approximate contract value of R220,000,000 and a project duration of 17 months, the Damlaagte Solar Project represents a significant milestone for Tractionel.

It demonstrates both the technical expertise and ongoing commitment to advancing sustainable energy solutions in partnership with clients and stakeholders.





CPT061 100MVA SUBSTATION AND 132KV OVERHEAD LINE (LILO) FOR STEFANUTTI STOCKS

The CPT061HV project, awarded to Tractionel Enterprise in March 2022, represents a flagship initiative in strengthening the Western Cape's power infrastructure, enabling enhanced capacity and reliability for a major new Data Centre development. Entrusted by Stefanutti Stocks Building Western Cape, the mandate extends across the full project lifecycle – from design and procurement to construction and commissioning – of critical 132kV transmission assets.

The Scope of Works includes the construction of two new 132kV substations, namely Winelands Substation (Customer) and Hills Substation (Utility), Feeder bay extensions at Blaauwberg and Platteklouf substations (Utility), Overhead line works, including loop-in loop-out at Hills, closing spans at Platteklouf and Blaauwberg, and installation of a new 48-core 21kA OPGW system.

With a project value of approx. R145,000,000, this project underscores our capacity to deliver large-scale, high-voltage infrastructure that underpins mission-critical facilities.

Despite industry-wide complexities and shifting timelines, our team has consistently achieved milestones, ensuring that delivery remains on track and aligned with the client's strategic objectives.





PONGOLA & ELANDSKOP BATTERY ENERGY STORAGE SYSTEMS (BESS) FOR ESKOM

In 2023, Tractionel Enterprise embarked on two landmark projects in KwaZulu-Natal that reflect South Africa's growing commitment to renewable energy and advanced storage solutions. At Elandskop and Pongola Substations, our team undertook the full scope of works for a state-of-the-art Battery Energy Storage System (BESS) plant.

This included supply, construction, erection, testing, and commissioning of the facility – a project valued at approximately R158 million. Designed by Zutari and executed in partnership with Hyosung Heavy Industries Corporation, the project was delivered over a 24-month period and marked a significant step towards strengthening the region's grid reliability and energy efficiency.

Parallel to Pongola, we executed an equally transformative project at the Elandskop Substation. With the same scope of work, project value, and duration, the Elandskop BESS installation underscores our ability to manage large-scale, technically advanced energy projects simultaneously. Also designed by Zutari and commissioned by Hyosung Heavy Industries Corporation, the facility will provide critical energy storage capacity, enabling better integration of renewable energy sources while enhancing the stability of KwaZulu-Natal's power network.

Together, these projects not only demonstrate our technical expertise and project execution capabilities but also highlight our role in advancing South Africa's energy future. By delivering innovative storage solutions, we contribute to a more resilient and sustainable national grid – one that is better equipped to meet the demands of tomorrow.



KENHARDT: IPP SUBSTATION, ESKOM SWITCHING STATION, 132KV DISTRIBUTION OVERHEAD LINE & TRANSITION SUBSTATIONS FOR SCATEC



In 2023, the Kenzeer / Rooidam 132/33kV Substation was constructed as part of a major Independent Power Producer (IPP) initiative. Commissioned by Scatec in partnership with Eskom and TAP as the owners Engineer, the project marked an important step in strengthening the region's electrical infrastructure. With an investment value of approximately R130,000,000, the substation was built in Kenhardt, Northern Cape, and successfully delivered within just 11 months.

At the same time, Scatec embarked on the construction of the 33kV Overhead Line and Transition Stations for Kenzeer 1, 2, and 3, spanning PV1 to PV6. This project focused on expanding connectivity and improving efficiency across the renewable energy network. Valued at around R55,000,000, the work was also executed in Kenhardt in 2023, and the substation was completed within an 11-month timeframe.

Another key development was the Nieuwehoop MTS 132kV Yard Extension, which formed part of the larger 400kV Main Transmission Substation works. With a project value of R75,000,000, the yard extension played a crucial role in reinforcing the transmission system in the Northern Cape. Construction began and concluded in 2023, with the entire project completed in 11 months.

The final component of the year's work was the Nieuwehoop / Rooddam 132kV Overhead Line Construction. This project, commissioned by Scatec and Eskom, was valued at approximately R50,000,000. Built in Kenhardt during 2023, the line enhanced the transmission capacity of the region and, like the other projects, was completed within 11 months.

Together, these four projects not only strengthened the power infrastructure of Kenhardt in the Northern Cape but also demonstrated the impact of strong partnerships, efficient execution, and significant investment in South Africa's energy future.



DK1, DK2, SIRIUS, AND ESKOM HV WORKS (UPINGTON)

FOR SCATEC



In 2019, Tractionel Enterprise successfully executed the Sirius 132 / 33kV IPP and Dysons Klip 1 + 2, and Eskom Substation project in Upington, Northern Cape. This development included the construction of a 1 x 80MW 132/33kV substation, complemented by a 12km 132kV overhead line. Commissioned by Scatec as the Independent Power Producer, the project was delivered with an investment value of approx. R70,000,000. Completed within 10 months, this milestone project contributed significantly to strengthening Eskom's grid infrastructure and advancing renewable energy integration in the region.



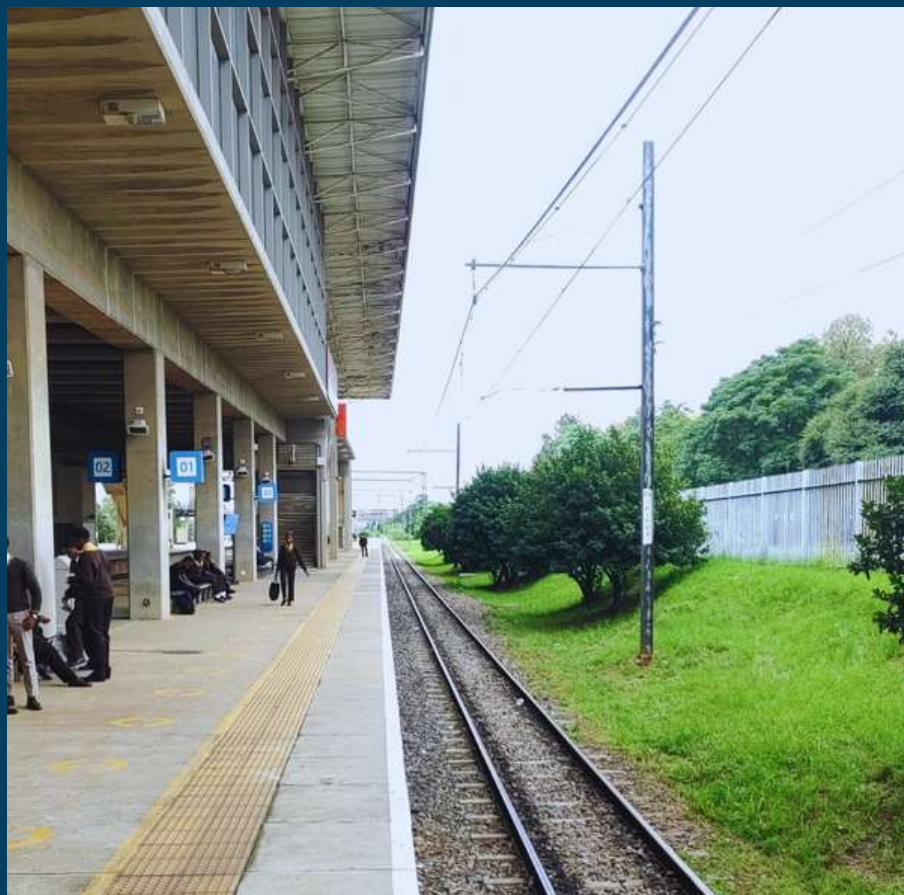
KAALFONTEIN JOHANNESBURG ELECTRIFICATION FOR PRASA

In May 2024, Tractionel, in joint venture with Storky Construction, was appointed by PRASA to deliver the Kaalfontein – Johannesburg Phase 2 Corridor Electrification Project in the Gauteng Region, valued at R340,000,000.

The scope encompasses the supply, installation, and commissioning of 3kV DC overhead track equipment (OHTE), a vital component in PRASA's programme to modernise South Africa's rail infrastructure.

This large-scale project will significantly enhance the reliability, safety, and efficiency of passenger rail services along one of Gauteng's busiest corridors.

With completion scheduled for September 2025, the project demonstrates Tractionel's proven expertise in rail electrification and its ability to execute high-value works in collaboration with strategic partners, reinforcing its reputation as a trusted delivery partner for national infrastructure development.



MAJUBA POWER SUPPLY

FOR ESKOM



In March 2017, Tractionel was contracted by IRCON International, on behalf of Eskom, to deliver a large-scale electrification project valued at R182 million. The scope comprised the supply, installation, testing, and commissioning of 17km of 3kV DC and 61km of 25kV AC overhead track electrification (OHTE), along with the implementation of an advanced On-The-Fly (OTF) changeover system.

The works also included the construction of an 11kV transmission line integrated onto OHTE structures.

This highly technical project demanded precision engineering and seamless execution to ensure the integration of dual-voltage electrification systems. By December 2018, Tractionel had successfully completed the works, marking a key milestone in modernising South Africa's rail and transmission infrastructure.



GAUTRAIN RAPID RAIL LINK (GRRL)

FOR BOMBELA CONSORTIUM



Tractionel won the R250 million contract to supply and install the Overhead Contact Distribution System (OCDS) for Gautrain. Tractionel was contracted to Bombardier, the electrical and mechanical partner in the Bombela Consortium. The Contract involved the design, supply, installation, testing, and commissioning of the OCDS on the open routes as well as the tunnels, and covers a total track distance of approximately 160km.

In the first of its kind for Africa, a conductor rail system supplied by Furrer & Frey, a Swiss company represented in South Africa by Tractionel Enterprise, was installed in the tunnels.

Installation of the OCDS system commenced in August 2008, and the section which runs between the OR Tambo Airport, Midrand, and Sandton was completed in time for the 2010 FIFA World Cup Soccer Tournament.



Tractionel Maintenance is proud to continue supporting the Bombela Consortium in serving the dedicated commuters of Gauteng. Tractionel's ongoing maintenance programme is key to keeping the Gautrain Rapid Rail Link (GRRL) running smoothly and efficiently.

Tractionel Maintenance teams work around the clock, monitoring the daily operations of the Gautrain.



CONTACT US

HEAD OFFICE

Parc Nicol Office Park
Building 1, 1st Floor,
3001 Winnie Mandela Drive,
Bryanston, 2191

Email: info@tractionel.co.za

Web: www.tractionel.co.za

Tel: +27 86 181 9600

LOGISTICS, ASSET STORE & WAREHOUSE

16 Premier Road
Princess,
Roodepoort, 1724

CAPE TOWN OFFICE

3rd Floor, Fedgroup Building
35 Willie Van Schoor Drive
Tygervalley, Bellville
Cape Town, 7530

To view our historical projects, please visit our website:
www.tractionel.co.za