



COMPANY PROFILE

RENEWABLE ENERGY

Providing turnkey solutions in the fields of Construction, Agriculture and Engineering means offering comprehensive services that cover all aspects of a project from start to finish. This includes planning, design, procurement, construction, installation and maintenance. Clients can rely on HEJ to handle all aspects of their project, streamlining the process and ensuring seamless coordination between different stages.

CONSTRUCTION . AGRICULTURE . ENGINEERING





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ABOUT US

H.E. Jackson, founded in 1923 by Major Herbert Edward Jackson, has a rich history of providing Construction Services in the Southern African Region.

Over the years, the company has evolved and grown to become a leading player in the industry, offering turnkey solutions in the Civil Construction Networks, building a strong reputation for delivering high-quality projects on time and within budget. Amongst its core services, H.E. Jackson has the capabilities to undertake Infrastructure Projects with a specific focus on the Renewable Energy Sector.

With a commitment to excellence and a track record of successful projects, H.E. Jackson continues to be a trusted partner for clients looking for innovative turnkey solutions in the Southern African Region.



WELCOME MESSAGE

Welcome to our renewable energy company profile!

As the Managing Director of H.E. Jackson Engineering, I am thrilled to introduce you to our services and capabilities. With a strong focus on quality, efficiency and innovation, we strive to deliver exceptional results for our clients in the construction sector.

I invite you to explore our profile further to learn more about our company and the range of services we offer. Thank you for considering us for your next project or business needs. We look forward to the opportunity to work with you.

Best regards

A stylized, handwritten signature in white ink, appearing to read 'Paul Munton-Jackson'.

Paul Munton-Jackson



OUR VISION

H.E. Jackson Engineering strives to achieve excellence in project execution, reliability, safety and operational efficiency. We relentlessly pursue new opportunities, capitalizing on synergies in all sectors of the economy. We consistently enhance our competitiveness and deliver profitable growth.

OUR MISSION

Elevating our employees and investing in cutting-edge equipment, we strive to deliver top-tier services in construction, agriculture and engineering industries to the entire Southern African Region.

MEET OUR TEAM



Paul Munton-Jackson
Managing Director

Paul is a highly experienced Civil Engineer and brings a wealth of knowledge and expertise to the business, having worked extensively throughout Southern Africa on various Civil Construction projects, as well as Irrigation and Water Supply Networks. He is also a qualified commercial diver, adding a unique skill set that enhances his ability to tackle water supply projects from a different perspective.



Mirriam Munton-Jackson
Admin & Marketing Director

Mirriam is responsible for managing the company's website and all digital and social marketing efforts. Through her expertise in design HEJ is able to showcase the company's products and services. In addition, she actively develops and campaigns across various digital platforms to drive brand awareness and engagement.



Arosh Paloth
Contracts Director

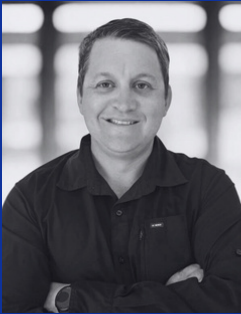
Arosh is a highly skilled Civil Engineer and holds a certification in Project Management (PMP). With over 22 years of experience in the industry, Arosh has dedicated more than a decade to project management, specializing in Water Supply, Irrigation and Solar Power Plants. His expertise has been honed through extensive work in rural areas of Malawi and Zambia.



George Mathukutty
Director - Zambia

George is a qualified Management Accountant with vast experience in financial management and general administration in the construction industry. He is the resident director of the company that is based in Lusaka and coordinates the Zambia operations.

MEET OUR TEAM



Gareth Wright
Operations Manager

Gareth is a highly experienced professional with a Bachelor of Commerce (BCom) degree in Logistics Management. With over a decade of experience in the logistics and supply chain industry, he has honed his skills in Operations, Transportation, Fleet and Supply Chain Management. Gareth is dedicated to leading teams to achieve optimal results, focusing on reducing operational costs and improving efficiency in operations.



Arie Veen
General Manager

Arie has a BA (AgMan) and has a vast amount of experience in the agricultural industry ranging from commercial irrigation developments, agricultural and logistical operations, as well as renewable energy projects and engineering. He has worked as far afield as the United Kingdom and then locally in the Southern African Region, namely South Africa and Malawi.



Anthony Nelson
Financial Manager

Anthony is a highly qualified accountant with a Bachelor of Accounting Science. With a wealth of experience in the logistics industry across Central and Southern Africa his expertise in financial management, budgeting and reporting as well as his dedication to accuracy and attention to detail, ensure that financial operations run smoothly and efficiently.



Grayson Sambara
EHS Manager - Malawi

Grayson Sambara is an experienced Health, Safety & Environmental Manager with a demonstrated history of working in the Mining, Construction and Oil & Gas industry. He is a highly capable operations professional with a certificate focused in Hazard Identification and Risk Assessment and Incident Investigation.



Tim Bertrand
Regional Manager

Tim has a Masters in Mechanical Engineering (M.Sc.Eng). With expertise in Business Process Improvement and Engineering Management, he brings strong interpersonal attributes to the team. Tim's creative problem-solving abilities make him a valuable asset to the company, ensuring successful project outcomes in the region.



Bright Hunzvi
Workshop Manager

Bright has a Technician Certificate in Mechanical Engineering (2002), a diploma in Mechanical Engineering (2004) and a Bachelors Degree in Mechanical Engineering (2008). He has a wealth of experience from working with the company in Zimbabwe, mostly on projects within the Water Supply and Irrigation sector. He is now based in Malawi and oversees and manages our in house steel fabrication workshop.



Mulloh Sichinga
Engineering Manager

Mulloh is a qualified Mechanical Engineer (1993). He brings a wealth of knowledge to the team and his Mechanical Engineering expertise is unsurpassed in Malawi. He is a long serving member of HEJ, operating mostly in the Southern Region of Malawi to date.



Anthony Chizenda
Site Manager

Anthony Chizenda has a National Certificate in Electrical Engineering and a Bachelors Degree in Water and Sanitation, H.I.T. He brings a wealth of experience of over 25 years in turnkey projects, working in the Southern African Region in water reticulation, sanitation, water treatment plants and irrigation projects.



Brandon Harvey
HR Consultant - South Africa

Brandon Harvey provides expert advice and guidance to H.E. Jackson Engineering, helping the company navigate complex HR issues, improve employee relations, and optimize their workforce. His tailored solutions and strategic approach have proven invaluable in driving the company's success and growth.



OUR SERVICES

CONSTRUCTION

CONSTRUCTION DIVISION:

At HEJ, we are committed to innovation and excellence in the Construction Industry, providing comprehensive turnkey solutions across the following critical sectors:

Water Supply and Treatment

HEJ handles everything from the initial design to the construction and ongoing maintenance of the treatment plants, pump stations and associated infrastructure that include the following services:

- Construction of surface water Intake structures / raw water pump stations
- Construction of water retaining structures associated with treatment plants
- Construction of treated water pump stations
- Installation of dosing systems
- Installation of large diameter conveyance line in steel / HDPE (up to 1100mm)
- Installation of distribution network
- Installation of ground / elevated pressed steel tanks
- Installation of pumps, panels, cabling and all other associated electromechanical works
- SCADA / Telemetry

Renewable Energy Systems

HEJ excels in renewable energy, focusing on civil and mechanical work for Solar PV Plants and Wind Farms. We also specialize in fabricating and installing large steel penstock pipes for Hydroelectric Projects. Our services include the following:

- Clearing, grubbing and land levelling for solar PV farms
- Installation of piles by ramming / drill & grout
- Installation of tracker system
- Installation of PV modules
- Construction of roads, drains and building works associated with the plant

Infrastructure Projects

We have experience in Infrastructure Development Projects including Substations, Transmission Lines and School Construction. Our partners include USAID, Palladium, JCM Power, and Voltalia. We have experience in building the following:

- Construction / Rehabilitation of Substations (400KVA)
- Civil works for Transmission Line (132 & 400KV)
- Civil works for Distribution Line (33KV)
- Construction of entire School Blocks
- Supply and installation of Pre-Fabricated Classrooms and Clinics



FEATURED PROJECTS

Discover HEJ's diverse range of turnkey projects in the **Construction** sector with a focus on **Renewable Energy**.

Get to know our capabilities and expertise by exploring our list of comprehensive projects below, listed in order of completion.

CONSTRUCTION PROJECT

SEDIBA 120MW PV PROJECT

| | |
|--------------------------|--|
| Name | Sediba 120MW PV Project |
| Location | Parys, Free State, South Africa |
| Contract Sum | R 119,294,457.52 excluding VAT |
| Contract Duration | 9 months - January 19th 2026 to 9th October 2026 |
| Client | Brand Besamandla Pty Ltd |
| IPP | Teraco Data Environments Pty Ltd |

Description of the Work:

1. Ancillary Foundation Structures
2. Unloading at site internal transport of foundation systems to the installation sites.
3. Marking of the installation points of each post according to the stake out layout.
4. Installation of posts.
5. Assembly of mounting PV structures
6. Mounting of the Tracker Control Units
7. Receiving and unloading of PV modules
8. Mounting of PV modules
9. PV Module Scanning
10. Assembly Of DCB and Mounting Canopy



CONSTRUCTION PROJECT

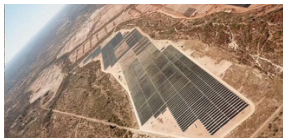
BOLOBEDU SOLAR PROJECT

| | |
|--------------------------|--|
| Name | Bolobedu Solar Project - 148.4 MWdc PV Farm |
| Location | Bolobedu V Plant, Limpopo Province, South Africa |
| Contract Sum | \$ 141,943,591.27 |
| Contract Duration | 11 months August 2024 - July 2025 |
| Client | Voltalia South Africa (Pty) Ltd |
| IPP | Voltalia South Africa (Pty) Ltd |

Description of the Work:

Construction of 148 MWdc PV Farm in consortium with Stefanutti Stocks Inland. H.E. Jackson Engineering Pty Ltd executed the mechanical portion of the PV farm which included the following:

1. Survey, Setting out, drilling and concreting of pile foundations
2. PV modules mounting structures, with tracking systems
3. PV module scanning and mapping
4. PV module installation
5. Balance of mechanical equipment
6. Auxiliary systems
7. Cleaning of PV modules prior to undertaking performance testing
8. Design and construction of O&M Building and warehousing, including;
 - 8.1. HVAC in buildings
 - 8.2. Fire detection and fire protection devices and equipment
 - 8.3. Emergency power facilities
 - 8.4. Raised flooring to server room
 - 8.5. Lan connectivity networks





CONSTRUCTION PROJECT

MOZAMBIQUE-MALAWI INTERCONNECTION (MOMA) PROJECT – SUBSTATION AND OHL WORKS

| | |
|--------------------------|---|
| Name | Mozambique-Malawi Interconnection (MOMA) Project - Substation works |
| Location | Phombeya, Malawi |
| Contract Sum | \$ 744,000 |
| Contract Duration | April 2023 - December 2024 |
| Client | L&T Construction Limited, India |
| Funded by | World Bank and KfW |

Description of the work:

H.E. Jackson was contracted by L&T Construction Limited, India for extension of 400/132 KVA Substation in Phombeya as part of the Mozambique-Malawi Interconnection (MOMA) Project. Works included construction of an additional bay comprising of a transformer foundation, reactor foundation, 194nos of equipment foundations, 11 gantry foundations and total of 900m of cable trench of various sizes. Structural steel works for the transformer and reactor foundations were also part of the scope. Contract value was at \$ 744,000 and the funding was from World Bank/KfW and the beneficiary is ESCOM.

| | |
|--------------------------|--|
| Name | Mozambique-Malawi Interconnection (MOMA) Project - OHL works |
| Location | Phombeya, Malawi |
| Contract Sum | \$ 786,604.00 |
| Contract Duration | April 2023 - August 2024 |
| Client | L&T Construction Limited |
| Funded by | World Bank and KfW |

Description of the work:

OHL works: H.E. Jackson was awarded the civil works for construction of 400KV tower foundation by L&T Construction Limited as part of the Mozambique-Malawi Interconnection (MOMA) Project. This was part of the roughly 77Km of OHL originating from the Phombeya Substation and crossing over to Mozambique. H.E. Jackson completed the 25Km stretch comprising of a total of 52 foundations as part of the project. Works included excavation for foundations including in rock, stub setting, reinforcement and shuttering works and concrete for foundation and chimney of the tower. Contract value stood at \$786,604 and the works were completed and handed over in August 2024. Funding was from World Bank / KfW and the beneficiary is ESCOM.

PROJECT PHOTOGRAPHS:

Substation Works



OHL Works





CONSTRUCTION PROJECT

RIETKLOOF WIND FARM

| | |
|--------------------------|--|
| Name | Rietkloof Wind Farm |
| Location | Matjiesfontein, Western Cape, South Africa |
| Contract Sum | ZAR 22,321,162.96 |
| Contract Duration | 7 months - Nov 2023 to July 2024 |
| Client | BESAMANDLA (Pty) Ltd |
| IPP | Red Rocket |
| Design Engineer | Innovation Expand |

Description of the work:

The Euronotus Wind Cluster Wind Farm projects consist of 2x 140 MW wind farm sites namely Brandvalley and Rietkloof Wind Farms consisting of 32 x WTG's each located in the region of the towns of Sutherland (Northern Cape) and Matjiesfontein (Western Cape), South Africa. BonEspirange will facilitate the connection of the two wind farms. The scope includes the construction of the new Rietkloof 132kV switching station where the project will integrate. This project will be constructed as part of a self-build contract and handed over to Eskom on construction completion.

HE Jackson's scope consisted of the construction of the new Rietkloof 132kV switching substation Balance of Plant works:

1. Install 6 x 132kV isolator foundations
2. Install 3 x 132kV breaker foundations
3. Install 15 x medium equipment support foundations for CT's, VT's
4. Install 4 x medium equipment support foundations for incoming line terminal 6m support structures (inc OPGW)
5. Install 4 x 132kV Busbar Foundations
6. Install 6 x 21m Lighting Mast
7. Install 2 x 14m Lighting Mast
8. Install Control Cable Trenches (Including Ramps)
9. New Transforma Plinths and Slip Ways
10. New Concrete Roads and Parking Bays
11. New IPP Switching Room Building
12. New Escom Control Room Building
13. New IPP Switching Room Building
14. New 550M2 IPP Operations and Maintenance Building
15. Install Fence and Kerbing
16. Install 1 x Gate Ramps
17. Install Yard Stone
18. Level and Compact Platform and Install Drainage
19. Install Control Cable Trenches (Including Ramps)
20. New Transforma Plinths and Slip Ways
21. New Concrete Roads and Parking Bays
22. New IPP Switching Room Building
23. New Escom Control Room Building
24. New IPP Switching Room Building
25. New 550M2 IPP Operations and Maintenance Building
26. Install Fence and Kerbing
27. Install 1 x Gate Ramps
28. Install Yard Stone
29. Level and Compact Platform and Install Drainage

PROJECT PHOTOGRAPHS:



CONSTRUCTION PROJECT

20MW SOLAR PV PLANT & BESS

| | |
|--------------------------|--|
| Name | Construction of 20MW Solar PV Plant and BESS |
| Location | Golomoti, Dedza District, Malawi |
| Contract Sum | \$ 2,867,432 |
| Contract Duration | June 2021 - Dec 2021 |
| Client | JCM Matswani Solar Power Corporation |
| Consultants | Zutari |
| Funded by | Infraco Africa |

Description of the work:

Project was for the construction of 20MW Solar PV Plant and BESS System at Golomoti, Malawi for JCM power. JCM power is an independent Power Producer (IPP) and developer of renewable energy projects. H.E. Jackson Engineering was contracted for executing Civil, Piling and Mechanical jobs in the plant. HEJ also constructed and maintained the office and camp facilities at the site. Main features of the project are as given below:

1. 57 ha land preparation including cutting of trees, bush clearing, grading and compaction of blocks
2. Drilling 300mm dia X 1.70m deep holes for pile installation
3. Installation and grouting of piles (8651 nos)
4. Installation of single axis trackers (625 nos)
5. Installation of 540w solar modules (56,000 nos)
6. Construction of internal roads and drainage
7. Construction of main channel of diverting storm water
8. Installation and running of camp facilities like office blocks, accommodation units (65 people) etc.
9. Drilling of boreholes and installation of water pumps
10. Security fencing (2.4m high) and temporary fencing



CONSTRUCTION PROJECT

60MW SOLAR PV PLANT & BESS

| | |
|--------------------------|--------------------------------------|
| Name | Construction of 60MW Solar PV Plant |
| Location | Salima District, Malawi |
| Contract Sum | \$ 4,145,706.84 |
| Contract Duration | Aug 2020 - May 2021 |
| Client | JCM Matswani Solar Power Corporation |
| Consultants | Zutari |
| Funded by | Infraco Africa |

Description of the work:

Project was for the construction of 60MW Solar PV Plant at Salima, Malawi, for JCM Power. JCM Power is an Independent Power Producer (IPP) and developer of Renewable Energy Projects. H.E Jackson Engineering was contracted for executing Civil, Piling, and Mechanical jobs in the plant. HEJ also constructed O&M Building, Warehouse etc for JCM. Main features of the project are as given below:

1. 65 ha land preparation including cutting trees, bush clearing, grading and compaction of blocks
2. Drilling 300mm dia x 2.0m deep holes for pile installation
3. Installation and grouting of piles (13,550 no's)
4. Installation of single axis trackers (2,440 no's)
5. Installation of 380W Solar Modules (195,200 no's)
6. Construction of internal roads and drainage
7. Construction of main channel for diverting storm water
8. Drilling of boreholes and installation of water pumps
9. Security fencing (2.4m high) and temporary fencing
10. Construction of O&M building
11. Construction of access road to site



CONSTRUCTION PROJECT

GOLOMOTI CIVIL & STRUCTURAL WORKS FOR SUBSTATION

| | |
|--------------------------|---|
| Name | Civil and Structural works for Substation works in Golomoti |
| Location | Golomoti, Dedza District, Malawi |
| Contract Sum | \$ 711,695.57 |
| Contract Duration | June 2021- Dec 2021 |
| Client | Opti-Power (Division of Murray & Roberts) |
| Consultants | Zutari |
| Funded by | Infraco Africa |

Description of the work:

The Contract was for the construction of Civil and Structural works for Opti power who was the electrical contractor for JCM Power in Golomoti project. HEJ offered Opti power whole range of civil and structural erection works including construction of switch gear room and O&M building .Main works involved are listed below.

1. Construction of IPP substation and ESCOM substation extension
2. Bulk earthworks for the substation platform
3. Supply of concrete and construction of foundations
4. Installation of various steel structures including lighting masts and Gantries
5. Construction of cable trenches in substation
6. Construction of switch gear room and O&M building
7. Substation security fencing for both IPP and ESCOM extension
8. Supply and installation of yard stone
9. Excavation and backfilling of cable trenches
10. Erection of diamond fence around substation





GET IN TOUCH



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