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MR. ASHWIN DEVINENI
Resident Director

FOREWORD

Dear Readers,

As we conclude the first quarter of 2025, I am pleased to report that Maamba Energy Limited's Phase II thermal power expansion is progressing well. This additional capacity will significantly strengthen Zambia's national grid by providing reliable baseload power to support industrial growth and community needs.

We remain proud of our recognition by ZEMA for our environmental stewardship, an ongoing responsibility we continue to uphold with great seriousness and care. Equally, our efforts in community development were recently honoured with two CSR Network Zambia Awards. These accolades affirm our core belief in "Making a Difference" beyond the gates of our facility. Reinforcing this commitment, is the successful handover of the fly-ash brick plant to the local community, transforming industrial by-products like fly ash into a symbol of enterprise and opportunity.

Our ambition is to establish MEL not only as a leading energy and mining powerhouse in the country, but also

as an organisation that contributes to sustainable national development, reaching even remote communities surrounding our operational areas.

Since commencing works on the 300 MW Phase II expansion, we have remained committed to maintaining full operational availability of the existing 300 MW to the national grid, in order to minimise debilitating load shedding and enhance Zambia's energy security.

Looking ahead, we must stay focused on safety, delivery timelines, and on innovation. I further wish to extend my sincere appreciation to the Government of Zambia for their commitment to rehabilitate the Batoka—Maamba Road. This vital corridor will open new opportunities for the communities in the region.

To every member of the Maamba Energy family: thank you for your dedication and spirit. Together, we are powering Zambia's future responsibly, sustainably, and with pride.

**Ndalumba kapati, Natotela saana,
Dzikomo kwambiri**



**LT COL CYRUS MINWALLA
(RETD)**

CEO

MESSAGE FROM CEO

Dear Colleagues,

We are proud of our continued commitment to safety and operational excellence. In the first quarter of 2025, we successfully completed the ISOQAR SHEQ audit and rolled out comprehensive first aid and “*I Love My Family, I Love My Job*” training programmes. These initiatives have helped foster a culture where every team member is safety-conscious and returns home safely each day.

I’m glad to say that our 300 MW Phase II expansion project is progressing well. The visits by the Southern Province Minister, a team from the Ministry of Energy, and by MD of ZESCO’s affirmed the professionalism demonstrated by all our workforce on site and the rigour of our construction standards.

Our passion for our community and environmental programmes remains robust. Highlights this quarter included receiving honours from ZEMA and CSR Network Zambia for our work in environmental stewardship, healthcare, and agriculture. Notable initiatives also included empowering women at Maamba General Hospital during Women’s Month and the handover of

the fly-ash brick plant to the Maamba Cooperative, creating new livelihoods and economic opportunities for the community. Our Fly Ash Brick plan is a marvel of innovation. Ash from the Thermal Power Plant is used as the major raw material for the production of bricks. The Cooperative is doing brisk business even as far away as Lusaka.

Our support at the EIZ Symposium in Livingstone further underlined our commitment to nurturing Zambia’s engineering talent and advancing dialogue on renewable energy and climate-resilient infrastructure.

Together, we are doing more than generating electricity; we are powering progress, uplifting communities, and setting new benchmarks in responsible energy production and mining. Let us continue to move forward with the same dedication and enthusiasm, ensuring every project milestone is achieved safely and that our CSR footprint continues to expand.

Thank you for the pride and passion that you bring to Maamba Energy Limited every day.



MEL PHASE II PROJECT EXCEEDS EXPECTATIONS – MINISTRY OF ENERGY

A delegation from the Ministry of Energy visited Maamba Energy Limited on 27th March 2025 to take stock of the progress being made on Phase II Thermal Power Plant expansion project. The team led by Principal Engineer at the Ministry of Energy Gibson Mupeyo were impressed by the rapid pace of construction and expressed their gratitude for MEL's commitment towards enhancing Zambia's energy sector.

Launched by President Hakainde Hichilema on August 13, 2025, the project will enhance Zambia's base load electricity capacity. The additional 300 MW of power will be a game-changer for industries and households, stabilizing the power grid and supporting economic growth.

Gibson Mupeyo, Principal Engineer at the Ministry of Energy, noted, "The construction progress on Phase II has exceeded our expectations... MEL is on track for timely delivery of 300 MW, consistent with what was achieved during Phase I in 2016."

Post completion, MEL will be contributing approximately 18% to the national generating capacity, crucial for mitigating current power challenges.

SOUTHERN PROVINCE MINISTER VISITS MEL

MEL was honored to receive the Southern Province Minister Hon. Credo Nanjuwa on 15th Apr 2025. The Hon. Minister used his visit to MEL to introduce and formally extend an invitation to major industrial houses in Southern Province to participate in the Southern Province EXPO to be held in Livingstone from 20-24th August 2025.

The Southern Province Expo is an event that highlights agriculture, investment, and tourism. It serves as a platform for businesses, investors, and the general public to network and display products, services, and opportunities.

Flanked by the Deputy Provincial- Permanent Secretary Mrs Yolantha Mutyambe and other Provincial staff, the Hon Minister was briefed about MEL operations and the various CSR initiatives being undertaken by the company including the Training Centre

The Hon Minister publicly praised MEL for its work for the community and he spent considerable time at MEL's Eye Clinic, Community Library and Ash Brick Plant where he also interacted with the Cooperative. He further praised MEL for involving the community in its CSR initiatives through cooperatives as the case is at the Ash Brick Plant.





ZESCO IMPRESSED BY MEL'S PROGRESS AND VISION



The ZESCO management and staff were appreciative of Maamba Energy Limited's (MEL) dedication towards its phase II expansion project. This came after a familiarisation and site check tour of the ongoing works of the construction of MEL Phase II expansion project .

ZESCO Managing Director, Justin Loongo, expressed admiration for MEL's clean and well-maintained plant, praising the dedication of the staff. He was also enthusiastic about the future of the energy industry, as exhibited by Maamba Energy Limited.

The ZESCO MD was also updated on MEL's upcoming Solar Power project.

During the visit, Maamba Energy Limited Plant Head Ambarish Kumar Srivastava reiterated MEL's commitment and said, "We are determined to deliver the Phase II expansion project on schedule, knowing its importance in enhancing Zambia's power generation capacity and supporting the nation's growth and development."

The Phase II expansion project is set to boost the country's power generation capacity, further solidifying MEL's role in shaping the nation's energy landscape.

MEL PHASE II UPDATE



CHIMNEY CONSTRUCTION



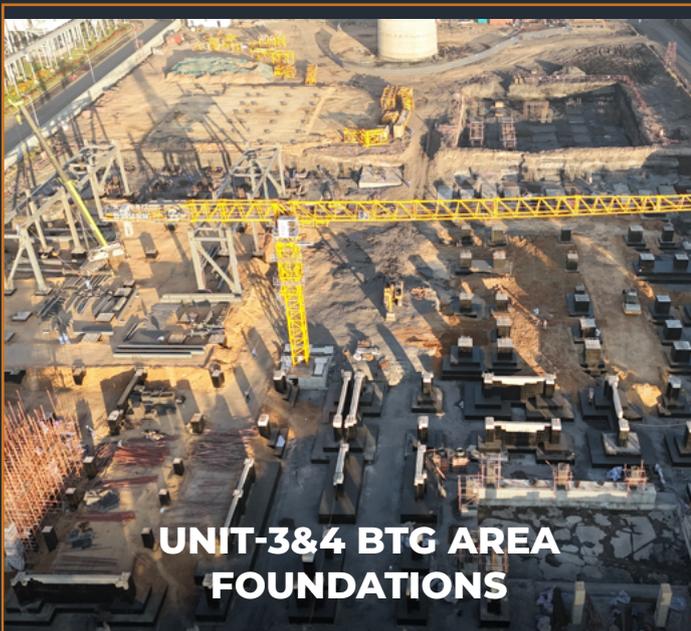
**IDCT FOUNDATION
CONCRETE POURING**



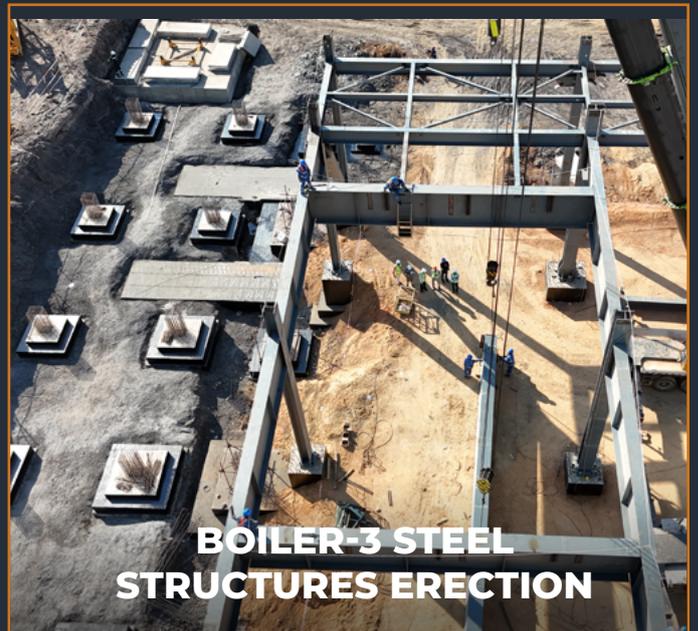
**UNIT-3 TG MACHINE
PEDESTAL BUILD-UP**



**IDCT FOUNDATION
CONCRETE POURING**



**UNIT-3&4 BTG AREA
FOUNDATIONS**



**BOILER-3 STEEL
STRUCTURES ERECTION**

MEL SUCCESSFULLY UNDERGOES EXTERNAL SAFETY, HEALTH, ENVIRONMENTAL, AND QUALITY AUDIT

Maamba Energy Limited underwent a rigorous external safety audit conducted by ISOQAR, a South African-based certification body accredited under UKAS, from April 14th to 18th, 2025. The

audit aimed to assess the effectiveness of MEL's Safety, Health, Environmental, and Quality (SHEQ) system against the internationally recognized ISO 45001:2018 and ISO 14001:2015 standards.

The audit was a crucial step in identifying areas for improvement and ensuring MEL's continued commitment to maintaining the highest standards in safety and environmental management.

"This audit demonstrates our dedication to excellence in safety, health, environment, and quality. We are committed to implementing the recommended improvements and maintaining best practices to ensure a safe and healthy work environment for our employees and stakeholders." Explained Maamba Energy Limited SHEQ Superintendent Charles Kalumba.

The audit's findings will inform a system improvement action plan, which will guide MEL's efforts to enhance its SHEQ system and maintain its reputation as a responsible and safety-conscious organization. The successful audit outcome is a testament to MEL's ongoing commitment to prioritizing the well-being of its employees, stakeholders, and the environment.



EXPLORATION RIGS: POWERING ZAMBIA'S MINERAL FUTURE

Exploration is more than just the first step in the mining lifecycle, it is the engine that drives opportunity, discovery, and development. At the forefront of this journey are high-performance drilling rigs, purpose-built to unlock Zambia's rich geological potential.

Maamba Energy Limited operates a fleet of three advanced diamond core drilling rigs, all engineered to adapt to Zambia's diverse terrains. These track mounted rigs include the flagship KDR1500, capable of reaching depths of 1.5 kilometers, while the other two efficiently drill to 1 kilometer. Equipped with cutting-edge hydraulic systems and triple tube core barrels, these rigs are designed to deliver precision, speed, and safety.

"Our rigs are more than machines, they are engines of discovery. Each meter drilled represents a step toward Zambia's economic transformation," said Maamba Energy Limited Chief Geologist's JS Mathan, reflecting on the impact of over 10,000 meters of successful drilling logged in just one quarter.

Behind these powerful machines is an equally impressive team. The drill crews bring over 20 years of field experience and are trained by industry-leading experts. With safety and sustainability at the core of our operations, each campaign is guided by strict environmental protocols and a drive for innovation.

"We're adopting digital monitoring systems to enhance drilling efficiency and data accuracy while minimising our environmental footprint," explained MEL Geologist Philip Nkhata.

Looking ahead, one thing is clear, MEL'S commitment to mining remains paramount.





EMPOWERING THE FUTURE: TAONGA CHIPETA'S JOURNEY IN ENGINEERING

Born on February 20, 1997, in Chama, Zambia, Taonga Chipeta is a remarkable individual who exemplifies perseverance and ambition. As the firstborn of four children in a close-knit family that includes three sisters and one brother, Taonga was raised in a loving household where her father serves as a pastor and her mother is a successful businesswoman. Her parents prioritised education, making considerable sacrifices to ensure that their children had every opportunity to succeed.

Taonga's educational journey began at Benghazi Primary School, where she laid the foundation for her academic success. She excelled in her studies throughout secondary school, initially driven by a passion for accounting. However, after completing her grade 12 examinations with outstanding results, her interests shifted toward engineering, particularly electrical engineering. Encouraged by her family

and friends, she enrolled at Copperbelt University to pursue her newfound passion in the School of Engineering.

From an early age, Taonga displayed a fascination with electrical repairs and wiring. She would often follow technicians from ZESCO (Zambia Electricity Supply Corporation) around her home, eager to learn about their work. This early curiosity blossomed into a desire for deeper knowledge, prompting her to pursue a degree in engineering.

After graduating in September 2022, Taonga set her sights on entering the industry as a graduate trainee. To her delight, she received a call from Maamba Energy Limited (MEL), which selected her as one of the top 10 graduates from her program for interviews. In 2023, she officially joined Maamba, marking the exciting beginning of her engineering career.

Reflecting on her time at Maamba, Taonga describes her experience as a journey of growth and learning. She appreciates the structured exposure the company offers, illustrating how various departments work together—from mining operations to processing at the plant. Among her accomplishments, she highlights the invaluable knowledge gained at Maamba, stating, "It can never be replaced."

Currently, Taonga is involved in projects such as working on changeover switches and electrical installations at the plant. Her drive to innovate and grow aligns with Maamba's commitment to power generation, particularly through renewable energy sources like solar power. Over the next five years, she aspires to become an expert in renewable energy, feeling privileged to contribute to a company that shares her vision.



Outside of her professional life, Taonga is passionate about fashion, nature, and outdoor activities, including hiking and spending time by the lake. She is also a natural hair content creator, using her platform to encourage young girls to embrace their natural beauty. Taonga strongly believes that “every beauty you see, you can learn from nature,” viewing engineering as an extension of the natural world and drawing inspiration from its intricacies.

Describing herself as caring, determined, and hardworking, Taonga is motivated to inspire her peers. Her empowering message is simple yet profound: “There is nothing that you cannot do; you just need to commit yourself. There is no situation you cannot remove yourself from, as long as you have the potential and determination. So, take it upon yourself to move toward change.

Taonga Chipeta embodies the spirit of perseverance and dedication in both her personal and professional life. With a profound passion for engineering and a commitment to renewable energy, she is poised to make a significant impact in her field while encouraging others to follow their dreams MEL kick starts 2025 with a Safety-First Mindset.

Safety is a shared responsibility among all employees at Maamba Energy Limited (MEL). To equip staff with the skills needed

for swift and effective action during medical emergencies, the company conducts Safety Trainings within its operations.

To kick start the year 2025, the company conducted multiple training sessions in the first quarter as a way of welcoming the new year. This training is designed to foster a safety culture that safeguards not only employees on-site but also the communities they serve.



The training underscores the critical role of a timely response in emergencies, which can be crucial in saving lives. By providing employees with first aid knowledge, MEL showcases its dedication to the health and safety of both its workforce and the communities in which it operates.

This initiative aligns seamlessly with MEL’s “I Love My Family, I Love My Job” campaign, which emphasise the importance of prioritising safety for the benefit of loved ones. Ensuring employees return home safely supports the well-being of their families and aids in the prosperity of their communities.

Through efforts like the “I Love My Family, I Love My Job” campaign, MEL reaffirms its commitment to fostering a safe and responsible workplace. By collaborating, employees can ensure that safety remains a primary focus, both at work and beyond.



MEL'S STRONG PARTNERSHIP WITH EIZ



Maamba Energy Limited (MEL) is proud of its strong partnership with the Engineering Institution of Zambia (EIZ). MEL sponsored its young engineers to attend the 68th Annual General Meeting and Symposium of the EIZ at Livingstone from 20th to 22nd April, 2025. The theme of the meeting was "Sustainable Engineering Solutions for Climate Change Mitigation." The event brought together industry leaders, government officials, and engineering experts to discuss the future of Zambia's infrastructure and environmental resilience.

The symposium highlighted advancements in renewable energy, AI-driven engineering solutions, and climate-resilient water management systems, showcasing the critical role engineers play in driving national progress.



MEL being a leader in renewal energy, water management systems and innovative engineering solutions, this was a unique opportunity for our engineers to interact with their peers.

Maamba Energy Limited's Senior Human Resource Manager, Bwali J. Nda, stated, "We ensure our technical and professional staff engage with peers in various professional bodies like EIZ for knowledge sharing and networking. Our association with EIZ extends beyond sponsorship; it fosters our compliance in all engineering operations at MEL."

By supporting events like the EIZ AGM, MEL reaffirms its commitment to engineering excellence and Zambia's sustainable development, emphasizing collaboration and innovation.



MEL HANDS OVER ASH BRICK PLANT TO MAAMBA COMMUNITY

In a move set to transform both waste management and economic empowerment, Maamba Energy Limited (MEL) has officially handed over a state-of-the-art fly ash brick-making plant to the local community. The initiative not only addresses environmental sustainability but also opens doors to job creation and entrepreneurship in Maamba.

The green enterprise is a development and a powerful idea that aims turning industrial by-products into building blocks—literally—for community progress.

MEL's Thermal Power Plant (TPP) generates ash. While this ash has traditionally been used for land reclamation of mined out voids, MEL has opted to tap into its economic potential. By establishing the brick plant, the company is channelling what was once waste into opportunity.

MEL has innovated by using this ash as a raw material for producing bricks. Instead of using cement as a raw material which is more expensive, ash will be used in conjunction with gypsum and lime.

The plant, powered by the NEPTUNE 1000+ fully automated machine, has a capacity to produce up to 10,000 fly ash bricks per day. Using 85% ash, and just 15% lime and gypsum, the plant can repurpose up to 800 metric tonnes of ash each month.

MEL has facilitated to set up a Cooperative at Maamba. This Cooperative will manage the ash brick plant as an entrepreneurship model. Crucially, MEL will supply the ash at no cost, while the community-run Maamba Multi-Purpose Brick Making Cooperative will manage the rest.

“This is a win-win for everyone,” said Christopher Mukala, Head of CSR. “We reduce environmental impact, and the community gains a sustainable income source.”

The thirty-member Cooperative has undergone training in cooperative management and entrepreneurship, equipping them to market and sell the bricks and manage the business sustainably. So far, the Cooperative is doing brisk business, as their customers (as far away as Lusaka) have seen the high quality and high strength of bricks being produced.

Following ZEMA approval, civil works were swiftly completed and the plant commissioned by MEL in January 2025. For a community like Maamba, where infrastructure needs are growing and employment opportunities are scarce, this project marks a turning point. With locally made bricks of the highest quality and a functioning cooperative in place, the groundwork is being laid—quite literally—for a stronger, greener, and more self-reliant future.





MEL KICK STARTS 2025 WITH A SAFETY-FIRST MINDSET

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PRIORITISING EMPLOYEE WELLNESS: MEL'S "WALK AND TALK" INITIATIVE

As the sun shone brightly on April 30th, 2025, Maamba Energy Limited's "Walk and Talk" initiative brought employees together in a joyful preparation of Labour Day. This innovative event was designed to promote staff well-being, foster interdepartmental connections, and encourage physical activity in a relaxed setting.

The event kicked off with the issuance of First Aid Training Certificates to 25 employees who completed the training in April.

Speaking when addressing employees Maamba Energy Limited CEO Lt. Col Cyrus Minwalla (Retd) said, "A healthy workforce is the backbone of a productive and thriving organisation. We prioritise employee well-being because we believe that a healthy employee is a happy and productive member of our team."



He further encouraged employees to participate in the various wellness initiatives of MEL, such as walks and fitness activities.

"These activities not only improve our physical health but also boost our mental wellness and foster team spirit," he added. The highlight of the event was a group walk of 2.5 kilometers, where colleagues from different departments mingled and bonded.

This initiative reinforced MEL's commitment to promoting physical wellness, unity, and team cohesion among staff. By investing in employee wellness, the company fosters a positive and productive work environment.



MEL CELEBRATES **YOUTH DAY**



Maamba Energy Limited participated in the 2025 Youth Day commemoration, held on March 12th, 2025, in Maamba, Sinazongwe district at Kanzinze stadium. The event, themed “Voices Amplified and Innovations Ignited,” emphasised the important role of youth in driving change and innovation.

MEL was represented by youths from Maamba Private School, MEL Training Centre and from various departments. Maamba Private School showcased their traditional dance, plays and colourful displays by the majorettes.

Officiated by District Commissioner, Mr. Nchimunya Siakole, the event provided a platform for young voices to be heard and ideas to be shared.

MEL’s involvement demonstrates the company’s commitment in empowering the next generation and making a difference in areas it operates by nurturing a culture of innovation.

The Youth Day celebrations also serve as a platform for the MEL youths to interact and network with youths from other institutions whilst exercising patriotism towards national events.



EMPOWERING WOMEN, EMPOWERING THE FUTURE



In Women's Month, Maamba Energy Limited female staff embarked on a meaningful undertaking that drives positive change and promote inclusivity.

Led by Maamba Energy Limited General Manager Mining, Keneilwe Goitsewang Orapeleng, the MEL women donated essential items to 50 mothers in need at Maamba General Hospital's maternity ward. This included sugar, milk formula, and cleaning material, providing vital support during a critical period.

The team's commitment went beyond donations, as they also cleaned the entire maternity ward, demonstrating their dedication to supporting and empowering women in their community.

"Empowering women is not just a moral imperative, but an investment in our collective future. By supporting and uplifting each other, we can unlock the full potential of our communities and drive lasting change," emphasized Ms Keneilwe.

This initiative showcased the compassion and kindness of the female staff of MEL, highlighting the importance of mutual support and empowerment.



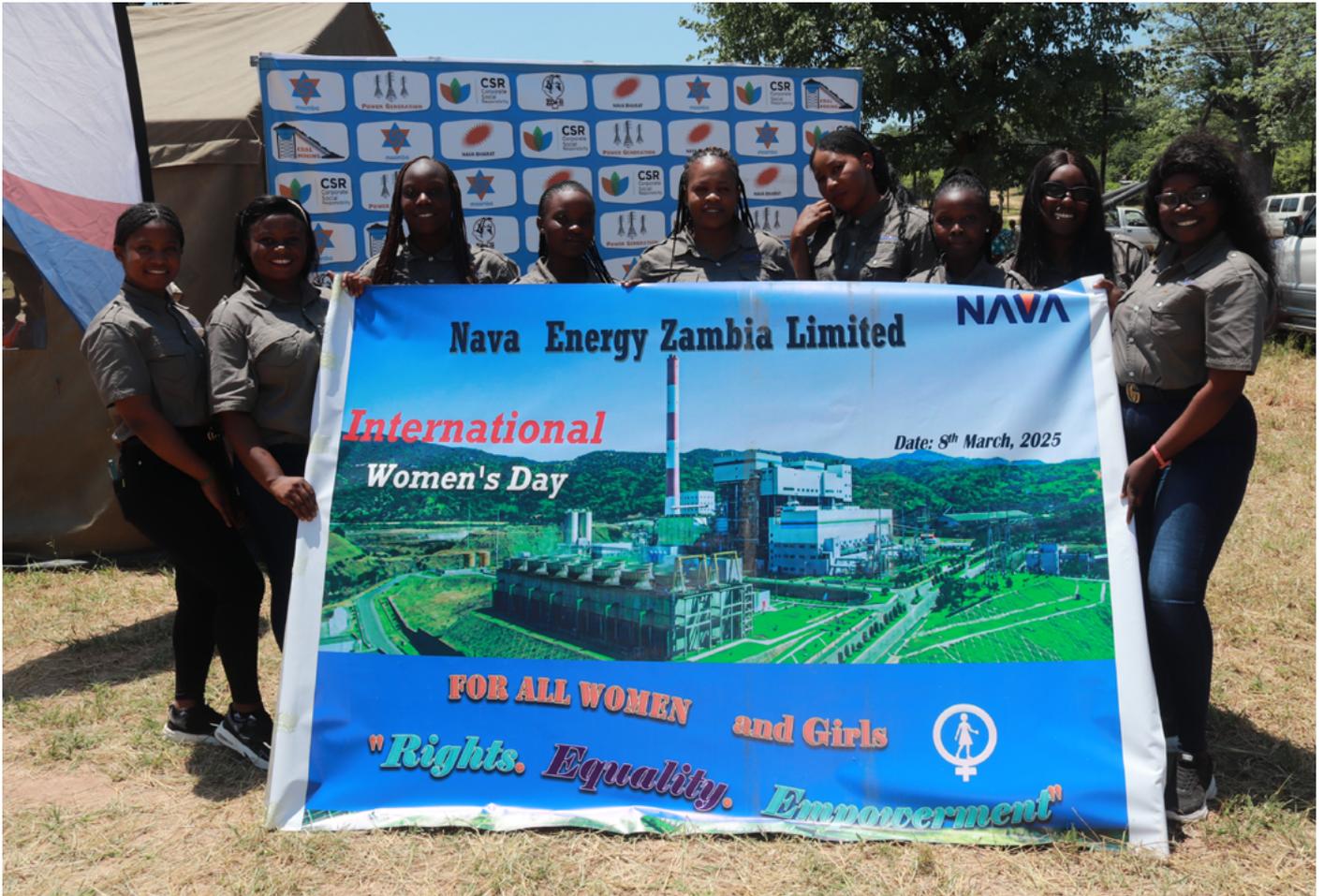
Maamba Energy is committed to its stakeholders to conduct business in an economically, socially and environmentally sustainable manner that is transparent and ethical. We are driven by a shared vision of “Making a Difference” to the communities it operates in.

“We pride ourselves on being catalysts for enduring change, striving for a future where everyone has equal opportunities to succeed. We take pride in our female staff who are catalysts for enduring change. Their efforts inspire us all to strive for a future where everyone has equal opportunities to succeed,” she concluded.

Further, MEL proudly participated in the 2025 International Women’s Day celebration on March 8th, held in Sinazongwe, under the theme “For all Women and Girls: Rights. Equality. Empowerment.” The event honored the strength and resilience of women globally, with attendees including Sinazongwe District Commissioner, Mr. Nchimunya Siakoole.

A powerful poem titled “The Call for All Women and Girls,” recited by MEL’s female staff, resonated with attendees, including the Sinazongwe Chieftainess. The celebration concluded with a gala dinner at Maamba Golf Club, showcasing MEL’s commitment to gender equality.





CAREER DAY – WORLD ENGINEERING DAY

Engineers from Maamba Energy Limited together with Engineering Institution of Zambia (EIZ) Maamba branch team jointly participated in a career day hosted by Maamba Private School in commemoration of World Engineering Day, which falls on 4th March. The 2025 theme was “Shaping our Sustainable Future through Engineering.” The career talk aimed to engage and inspire young students to consider engineering as a potential career.

Maamba Private School’s Principal, Justina Kaonga, remarked, “Events like World Engineering Day motivate our students to dream ambitiously and discover the limitless opportunities engineering provides.”

The event highlighted the importance of engineering in transforming lives and shaping the future.

Engineering is a dynamic field that offers countless opportunities for innovation, creativity, and problem-solving. By choosing a career in engineering,



individuals can contribute to addressing real-world challenges, such as poverty reduction, sustainable development, and technological progress.

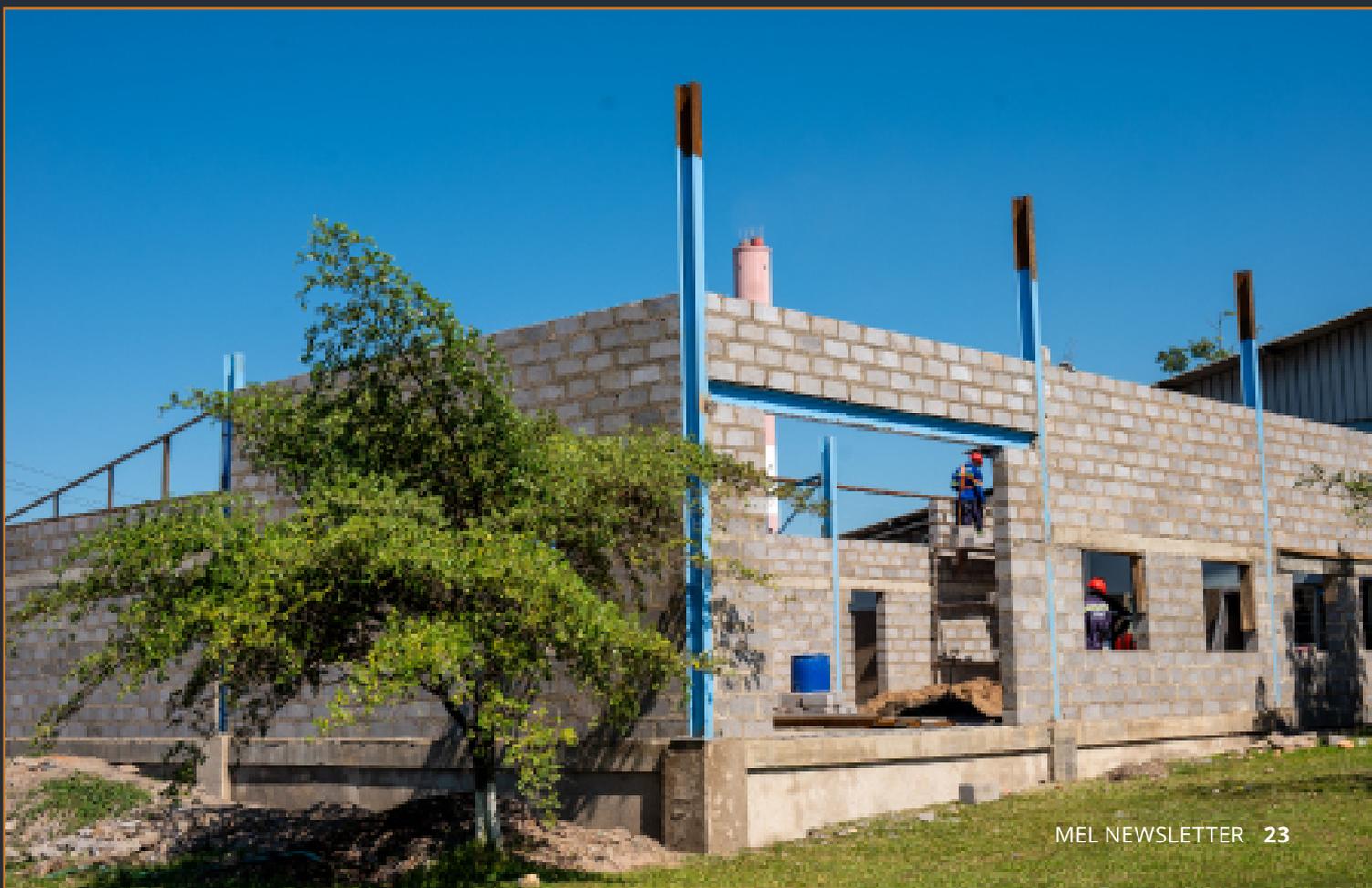
“As an engineer at MEL, I am dedicated to leveraging innovation for sustainable

energy solutions and contributing to Zambia’s growth,” said Daukeya Celine Kaponde, the EIZ Maamba branch Chairperson and MEL Planning Engineer. The event demonstrated the influence of engineering on various sectors like agriculture, energy, and infrastructure development. It also highlighted the importance of engineering in driving economic growth and improving living standards.

“By encouraging students to pursue engineering careers, we can empower the next generation of innovators and leaders to shape a promising future for Zambia. With its potential for personal and professional growth, engineering is an exciting and rewarding career path worth considering,” concluded Ms. Daukeya.



MEL TRAINING INSTITUTE EXPANSION PROJECT



DOUBLE HONOURS FOR MEL AT CSR NETWORK ZAMBIA AWARDS

Maamba Energy recognised for exceptional impact in healthcare and agriculture





In a remarkable endorsement of its community-focused initiatives, Maamba Energy Limited (MEL) won two prestigious accolades at the 2025 CSR Network Zambia Awards. MEL was awarded the CSR Excellence in Healthcare — Rural Health Initiative and CSR Excellence in Agriculture — Livelihood Enhancement, affirming its leading role in addressing rural Zambia’s most pressing development challenges.

These awards spotlight MEL’s innovative approach to rural development, where impactful infrastructure meets tangible, life-changing results. From tackling preventable blindness to safeguarding livestock and livelihoods, MEL continues to redefine corporate responsibility in Zambia.

“We are deeply honoured to receive these recognitions,” said Maamba Energy Head — Corporate Social Responsibility - Christopher Mukala. “These awards are not just wins for MEL but for the thousands of lives touched in rural Sinazongwe and beyond. They reaffirm our commitment to inclusive, sustainable progress.”

MEL’s Maamba Eye Care Centre, the most advanced facility of its kind outside Lusaka, performed over 600 cataract surgeries in 2024 alone, targeting women and children who bear the brunt of rural eye health disparities. The centre recorded a cumulative attendance of 2,186 patients

in the first three quarters of 2024. With an aim to reduce blindness prevalence by 25% in alignment with WHO standards, MEL also trains local healthcare providers to sustain high-quality eye care delivery across five districts in Southern Province.

In agriculture, MEL’s construction of modern dip tanks in Mweela and Sinankumbi communities has been transformative. By serving 1,565 households and protecting over 500 cattle herds, the initiative has drastically reduced cases of tick-borne

diseases such as Corridor disease. The solar-powered dip tanks double as water kiosks, providing clean drinking water while facilitating disease control in livestock, crucial for food security and economic resilience.

“These interventions are not charity, they are strategic investments in people,” said Mr Mukala. “We are proud to stand with the communities we serve.”



2025 MAAMBA CHESS TOURNAMENT – A SPIRITED DISPLAY OF STRATEGY AND SPORTSMANSHIP



The third edition of the Maamba Chess Tournament took place on April 26th and May 4th, 2025, at Maamba Private School. Hosted by Maamba Energy Limited, the tournament featured teams from MEL, NEZL, Smech, and Suncrest.

A total of 28 players participated, with 27 males and 1 female showcasing their strategic brilliance. The tournament followed a Round Robin format, with players competing in six games each. The top eight performers advanced to the final round, which saw intense competition.

The winners were:

1. Mr. Simon Thole (NEZL) - 1st Place
2. Mr. Edward Kayawe (Smech) - 2nd Place
3. Mr. Charles Mwafulirwa (Suncrest) - 3rd Place
4. Miss Fridah Tembo (NEZL) - Best Female Player

The event was officiated by Maamba Energy Limited Head of Operations and Maintenance, Mr. Shripad, and supported by distinguished guests, including Mr. Jordan Malawo and Mr. Naveen Kumar.

The tournament promoted camaraderie, inclusivity, and strategic thinking among participants. Congratulations to the winners and participants for a successful event!



ZEMA ENVIROMENTAL AWARDS 2025



LUSAKA WATER SECURITY INITIATIVE (LUWSI) AWARD

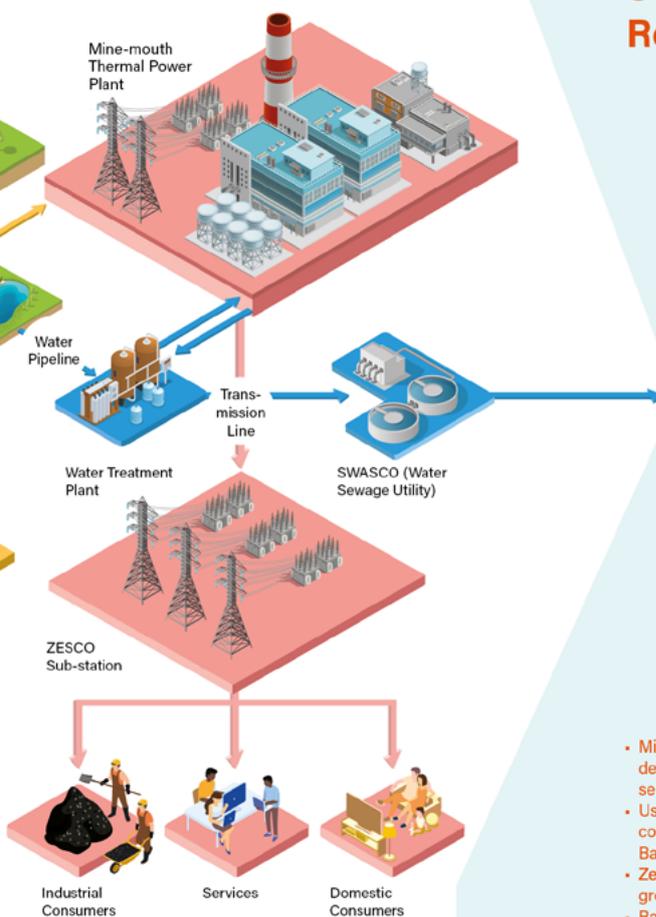
MEL received the third prize from Lusaka water security initiative (LuWSi) for a Water and Environmental stewardship award.

During an event in Lusaka on 13th December 2024, SHEQ manager Mr. Yotham Phiri received the award on behalf of MEL. First and second prizes went to Zambia Breweries and Zambia Sugar respectively.

Coal Mining



Thermal Power Installed Capacity 300 MW



Corporate Social Responsibility



- Mitigate environmental degradation by use of polluting self-combusting coal in TPP
- Use of SOX/NOX/PM emission control technology *iaw* World Bank norms
- Zero-effluent discharge protecting ground water
- Back filling mine voids
- Dedicated arboriculture programme using re-cycled water
- 'Green Maamba' campaign - planting indigenous trees with community involvement

Outcomes...

...making a difference

- Conversion of polluting thermal-grade coal to high-value base-load energy
- Contributes 10% of Zambia's installed power generation
- Provides energy security and diversity in energy mix
- Sale of high-grade coal to domestic customers for construction industry and SMEs
- 100% by-product utilization
 - Unsellable coal as input for power plant
 - Fly ash for construction sector
 - Waste water for arboriculture
- Community Development

ABOUT MAAMBA ENERGY LTD

Maamba Energy Limited (MEL), in Sinazongwe District in Southern Province, is Zambia's largest coal mine and the nation's biggest Independent Power Producer (IPP) with Zambia's only coal-fired Thermal Power Plant (TPP). The company operates a 300 MW (2x 150 MW units) modern, eco-friendly coal-fired power plant—the only one of its kind in Zambia—with the capacity to supply 10 percent of the country's currently installed electricity generation capacity. MEL is owned 65 percent by Nava Bharat Singapore Pte and 35 percent by ZCCM-IH, with some US\$919 million invested since 2010. The plant provides diversity in the nation's energy mix and contributes to the nation's base load electricity demand with high-availability power that is independent of climate change, thereby augmenting energy security of Zambia.



maamba



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