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MR. ASHWIN DEVINENI
Resident Director

A Message from the Resident Director

Building a Resilient Energy Legacy for Zambia

Dear Readers,

As we reflect on 2025, it is clear that Maamba Energy Limited (MEL) has entered a definitive era of transformation. This period has been characterised by a relentless drive towards diversifying our energy portfolio, enhancing our operational infrastructure, and deepening our integration into the socio-economic fabric of Zambia.

Our strategic roadmap is no longer a vision of the future; it is a reality unfolding in real-time. The groundbreaking of the 100MW Solar Power Plant in September, officiated by the Minister of Energy, Hon. Makozo Chikote, MP, represents a landmark shift in our identity. By integrating renewable energy with our base-load thermal capacity, we are directly answering the national call for a more resilient energy mix.

We also welcomed Minister of Home Affairs and Internal Security Hon. Jack Mwiimbu who visited MEL to inaugurate the new Immigration office at Maamba.

As we look toward the final delivery phases of our expansion projects in 2026, our focus remains steadfast: to power Zambian industry, uplift our local communities, and provide the stable energy foundation necessary for the nation's economic renaissance.

Our teams continue to enhance operational stability, safety practices, and process discipline across the business.

Thank you for your continued partnership and shared commitment to excellence.

I wish you a safe, productive and very happy and prosperous new year.



**LT COL CYRUS MINWALLA
(RETD)**

Chief Executive Officer

A Message From the CEO

Powering Zambia's Future with Resilience and Innovation

Dear Stakeholders, Partners, and Colleagues

As we reflect on the significant milestones achieved during 2025, it is clear that Maamba Energy Limited has entered a transformative era. Our commitment to being the bedrock of Zambia's energy security has never been stronger, as evidenced by the rapid expansion of our operations and our deepening partnerships with the community.

Our strategic goal to become a 700MW national energy hub by 2026 is firmly on track. I am delighted to report that our Phase II Thermal Power Plant expansion is progressing well. I would like to complement the entire workforce including those of our contractors who have risen to the occasion.

Furthermore, the groundbreaking of our 100MW Solar Power Plant in September 2025 marked a "game-changing" step in diversifying our energy mix.

As we look forward to the year 2026, I am happy to note that MEL continues have a very close and collaborative relationship with the Mineworkers Union of Zambia (MUZ). I must congratulate the Chairman and the Committee members of MUZ who have successfully concluded the Collective Bargaining and that too well in time.

Efficiency remains at the heart of our operations. During our scheduled maintenance shutdowns, the strategic interventions in

maintenance have been very successful this enables MEL to feed more power to the national grid. I complement the Plant Head who led this initiative. Similarly, the upgrading of the CHPP was completed in record time and I complement the GM Mining and the Mine Manager along with the Mechanical team for this initiative.

Maamba Energy's impact extends far beyond the grid. Whether it's the life-changing work of the Maamba Eye Clinic, or our new sustainable beekeeping initiative, we are dedicated to socio-economic transformation. The CSR team as usual does a great job.

On New Year's Eve, I had the pleasure of joining many of you for our Wellness Walk under the "I Love My Family, I Love My Job" campaign. This initiative serves as a vital reminder that our success is built upon the safety, health, and unity of our staff.

I would like to extend my profound gratitude to all our dedicated employees and workforce. Your hard work is the fuel that powers this nation's progress.

As we move into 2026, I wish you all a very happy new year full of happiness and good health.



MAAMBA 100 MW SOLAR POWER PLANT COMMENCES CONSTRUCTION

New solar project at Maamba in Sinazongwe District in Southern Province signals bold step in diversifying energy mix and reducing load-shedding

Maamba Solar Energy Limited, a subsidiary of Maamba Energy Limited, has commenced the construction of a 100 megawatt (MW) solar power plant in Maamba, in Sinazongwe District of Southern Province, in what the government has described as a “game-changing” step towards ending the power crisis and advancing Zambia’s climate and energy goals.

The project was officially launched by the Minister of Energy, Hon. Makozo Chikote, MP, on 22nd September 2025, at a groundbreaking ceremony attended by government officials, traditional leaders, investors, community leaders and residents.

“Maamba Solar Energy Limited has responded to the vision to restore the stability in the energy sector and improve our energy mix. Zambia depended so much on hydro, and when this drought hit us, this administration, when it took over, was able to think outside the box. We started by exploring other alternative sources of energy, such as the one we are doing today here at Maamba,” said Hon. Chikote.



The Minister further stated the government has lined up a number of solar projects to make sure that the country will never again find itself in the situation that it is going through – loadshedding. “That’s how we have planned our energy mix and we will continue putting and addressing the power deficit both in the immediate, medium and long term.”

Once completed in mid-2026, the plant will supply 100 MW of clean energy to the national grid. Combined with Maamba Energy’s Phase II thermal expansion, expected to bring its capacity to 600 MW, the town of Maamba is set to deliver 700 MW of power by 2026.

Maamba Solar Energy Director Mr Ashwin Devineni said the solar initiative

highlighted the company’s long-term commitment to Zambia’s growth and energy diversification.

“This 100 MW solar project is a critical step in diversifying Zambia’s energy mix and supporting the government’s ambition to add 1,000 MW of solar capacity to the national grid,” he said.

The solar development is part of the government’s broader national plan to add 1,000 MW of renewable energy capacity to the grid, under what the government has called Mission 300 Universal Access to Power.

The new investment in solar will be pivotal in cushioning the economy against climate shocks and changing weather patterns. The solar project represents more than clean power. It symbolises a transition to renewable energy, a reduction in carbon footprint, and the deployment of advanced bifacial solar modules with the highest levels of efficiency.

“Our interest is to ensure that electricity reaches every Zambian household while supporting economic growth,” said Hon Minister Chikote.



MAAMBA ENERGY COMMITS 700 MW TO ZAMBIA'S ECONOMIC VISION



Maamba Energy Limited (MEL), a key player in Zambia's energy sector, announced its plan to become a 700 MW national energy hub by 2026 during the Southern Province Investment Forum and Exposition (EXPO) 2025 at Livingstone. The commitment underscores the company's alignment with the national agenda for investment-driven socio-economic transformation.

Maamba Energy CEO, Lt Col. Cyrus Minwalla (Retd), emphasised the direct impact of this growth: "Every megawatt we generate fuels industries, lights homes, and creates jobs that transform lives. This is what socio-economic transformation looks like in action."

MEL's expansion comes as President Hakainde Hichilema, who officially opened the Expo, called on investors to be confident and ambitious. The President highlighted the direct link between investment and welfare: "Out of investments, projects, once implemented, jobs are created... That's the way to fight poverty."



Fuelling the Future: From 300 MW to 700 MW

For over a decade, Maamba Energy has been at the heart of Zambia’s power generation, operating a 300 MW thermal power plant and revitalizing the nation’s largest coal mine.

The company’s Phase II expansion is currently underway, adding an additional 300 MW of thermal power and a 100 MW Solar Power plant. This will bring MEL’s total generation capacity to 700 MW by 2026, significantly boosting national energy security with stable, climate-independent base load power.

Transformation Beyond the Grid

Maamba Energy’s investment extends beyond power generation, directly implementing the Expo’s theme of “Socio-Economic Transformation through Partnerships and Innovation.”

Key community initiatives by MEL include:

Education: Operating one of Zambia’s best-performing schools.

Health: The Maamba Eye Clinic, which features a full surgical theatre, has conducted over 400 cataract surgeries this year alone, serving five districts and patients from as far as Zimbabwe.



Innovation & Livelihood: Following the President’s call for harnessing local strengths, Maamba has launched a brick-making cooperative utilizing waste by-products from its power plant, turning environmental challenges into a new economic opportunity for the local community.

“These are not just projects; they are proof that partnerships and innovation lead directly to socio-economic transformation the very essence of this year’s Expo theme. We share the

President’s confidence that with the right partnerships, Southern Province and the nation at large can unlock unprecedented opportunities for inclusive growth,” CEO MEL concluded.

Maamba Energy expressed its gratitude and commended the Government of the Republic of Zambia and Southern Provincial Administration for ongoing reforms aimed at improving the ease of doing business, strengthening investor confidence, and promoting Zambia as a competitive regional energy hub.





NEWLY COMMISSIONED MAAMBA IMMIGRATION OFFICE SET TO BOOST PUBLIC SERVICES AND SUPPORT ZAMBIA'S ENERGY FUTURE

Decentralised services expected to boost efficiency, investment and local access

Maamba Energy Limited (MEL) officially hands over a newly built office to the Department of Immigration in Maamba that will benefit the energy sector and the local community by bringing essential public services closer to the people.

The new office will reduce travel distances, cut processing delays, and simplify immigration procedures for residents of Maamba and surrounding areas, while also supporting employees and international experts working on Maamba Energy's existing operations, the 300MW Phase II expansion project and the 100MW solar power plant.

Officiating at the event on 18th December, 2025, Minister of Home Affairs and Internal Security Hon. Jack Mwiimbu said the development reflects government's push to take services closer to communities while supporting business growth.

"This office is part of our broader effort to decentralise and modernise immigration services. By reducing turnaround times and bringing services closer to businesses and communities, we are creating a secure and business-friendly environment that supports investment, skills transfer, and development," Hon. Mwiimbu said.

Maamba Energy Chief Executive Officer Lt. Col Cyrus Minwalla (Retd) said the facility will play a key role in supporting collaboration with international partners as the company expands its energy footprint.



“Having immigration services on site will make a real difference. It allows our employees and international partners to focus on delivering projects efficiently, while supporting Zambia’s energy security and our shift toward cleaner, more efficient technologies,” explained Lt. Col Minwalla (Retd).

The Director General of Immigration, Dr Japhet M. Lishomwa described the Maamba office as a practical step toward stronger migration management and improved service delivery.

“This is not just about opening a building. It is about improving how we manage lawful movement, strengthening security, and supporting economic activities such as investment, trade, and tourism,” said Dr Lishomwa.

The commissioning also highlights the growing partnership between government and the private sector, with Maamba Energy funding the construction and refurbishment of the facility. With the new office in place, Maamba strengthens its position not

only as an energy hub, but as a location that is open and ready for international collaboration.

As Maamba Energy moves ahead with plans to expand power generation and

invest in renewables, the presence of local immigration services is expected to help speed up project delivery and support a more secure and sustainable energy future for Zambia.



MAAMBA ENERGY LIMITED PHASE II PROJECT TAKES SHAPE



As the sun rises over Maamba town, the progress of the Maamba Energy Phase II Expansion Project is unmistakable. Steel structures dominate the skyline, cranes remain in constant motion, and the completed 148-metre chimney now stands as a powerful symbol of Zambia's growing energy capacity.

The project has reached peak construction and is transitioning into integrated plant development across Unit 3 and Unit 4. Major civil works are largely complete, structural steel continues to rise, and a key milestone has been achieved with the successful casting of Turbine Generator concrete column decks, paving the way for heavy equipment installation.

Mechanical works are now at the forefront. Highlights include the successful lifting of the nearly 100-tonne Unit 3 boiler drum, commissioning of Electrical Overhead Travelling (EOT) cranes in both turbine halls, completion of the Demineralised Water Storage Tank shell, and the assembly of a 350-ton crawler crane to support upcoming heavy lifts.



With electrical works now underway, the project has entered a fully integrated construction phase, bringing Zambia closer to improved energy security and reduced power interruptions.

Maamba Energy Limited Chief Executive Officer Lt. Col. Cyrus Minwalla (Retd) praised the workforce for their commitment.

"I would like to sincerely thank our entire workforce for the dedication, hard work and strong teamwork spirit demonstrated thus far. The progress we are seeing today is a direct result of people working together with a shared sense of purpose. Without each one of you, this would not have been possible."



COAL HANDLING AND PROCESSING PLANT UPGRADED WITH SUCCESSFUL **INSTALLATION OF NEW FEEDER SYSTEM**

Maamba Energy Limited has successfully commissioned a new drag chain feeder system at its Coal Handling and Process Plant (CHPP), marking a significant milestone in the company's efforts to optimise throughput and ensure consistent supply to its customers.

The installation, which was completed during a high-pressure week-long

shutdown over the Christmas period, replaces a legacy system that had been in operation for 13 years.

Kunda Tembo, Mechanical Superintendent at Maamba Energy Limited, described the new installation as a “game-changer” for the business.

“This drag chain feeder is the primary point of entry for material coming from the mine. After the coal is extracted from

the open pit, blasted, and transported by truck, it is tipped at the ‘ROM tip’ onto the drag chain. It then moves into our primary sizer before passing through a series of conveyors for processing and eventual loading for our customers,” Mr Tembo explained.

The new system features a Variable Speed Drive (VSD), allowing operators to regulate throughput based on the specific requirements of the mine and the status of the storage silos. This flexibility has already proved invaluable; the new installation allows the plant to meet production demands comfortably and even provides maintenance teams with necessary flexibility for routine servicing.

The successful upgrade reinforces Maamba Energy's commitment to operational excellence and infrastructure investment as it continues to play a pivotal role in Zambia's energy sector.





MAAMBA ENERGY PIONEERS SAFETY ENGAGEMENT THROUGH CREATIVE INITIATIVE

Maamba Energy Limited has launched a novel safety drawing competition aimed at making workplace wellbeing both engaging and memorable for its workforce. Organised by the company's safety department, the initiative encouraged staff members to use artistic expression to illustrate various safety protocols relevant to their daily operations.

A total of 59 employees participated in the event, producing drawings that highlighted the importance of safe practices. By blending creativity with behavioural-based safety, the organisation is seeking to lead the way in mining operations that prioritise the welfare of their personnel.

The project forms part of a broader commitment to strengthening the company's Safety Management System. Maamba Energy continues to focus on building a culture of safe production founded on trust, mutual responsibility, and proactive care for all staff members.



SIGNIFICANT ENERGY CONSERVATION ACHIEVED AT POWER STATION THROUGH STRATEGIC FAN REPLACEMENT

During August and September, Units 1 and 2 of MEL's Thermal Power Plant underwent their scheduled biannual maintenance programmes. Throughout these shutdown periods, notable advancements were achieved in both energy conservation and operational efficiency. A pivotal element of this success was the replacement of two Induced Draft (ID) fans and four Primary Air (PA) fans. This strategic upgrade resulted in an immediate and substantial reduction in auxiliary power consumption. Consequently, the overall enhancement in efficiency has facilitated an impressive increase in the station's net output and hence is able to supply more power to the national grid.

These improvements represent a significant step forward in the station's commitment to environmental sustainability and cost-optimisation. This successful intervention serves as a benchmark for future maintenance cycles, demonstrating how targeted infrastructure upgrades can yield high-impact returns on both operational performance and environmental responsibility.



‘ZERO HARM’ WITH NEW ON-SITE COMMUNICATION NETWORK AND A ‘NO MOBILE-USE’ POLICY



Maamba Energy Limited (MEL) has reaffirmed its commitment to the highest standards of occupational safety by launching a comprehensive Cell Phone Use Policy and a two-way radio communication system. The initiative is part of the company's "Zero Harm" strategy, designed to eliminate workplace risks and ensure the well-being of all personnel across its operational sites.

The new policy introduces strict regulations on the use of mobile phones and associated devices for all employees, contractors, and visitors. By restricting activities such as voice calls, internet browsing, and social media usage in high-risk zones, MEL aims to proactively mitigate hazards associated with operator distraction and human error.





Speaking on the development, Maamba Energy Limited Senior SHEQ Manager, Yotam Phiri, emphasised that the move is a critical step in the company's pursuit of continuous safety improvement.

"In line with Zero Harm and in pursuit of continuous improvement in workplace safety, MEL has established a comprehensive Cell Phone Use Policy to proactively eliminate risks associated with mobile use. This policy ensures the

safety and well-being of our employees and stakeholders while maintaining operational excellence," Mr Phiri said.

To ensure operational continuity following the restriction of personal mobile devices, the company's safety department has overseen a significant investment in a dedicated two-way radio network. The first phase of the rollout involved the procurement and distribution of 83 handheld two-way

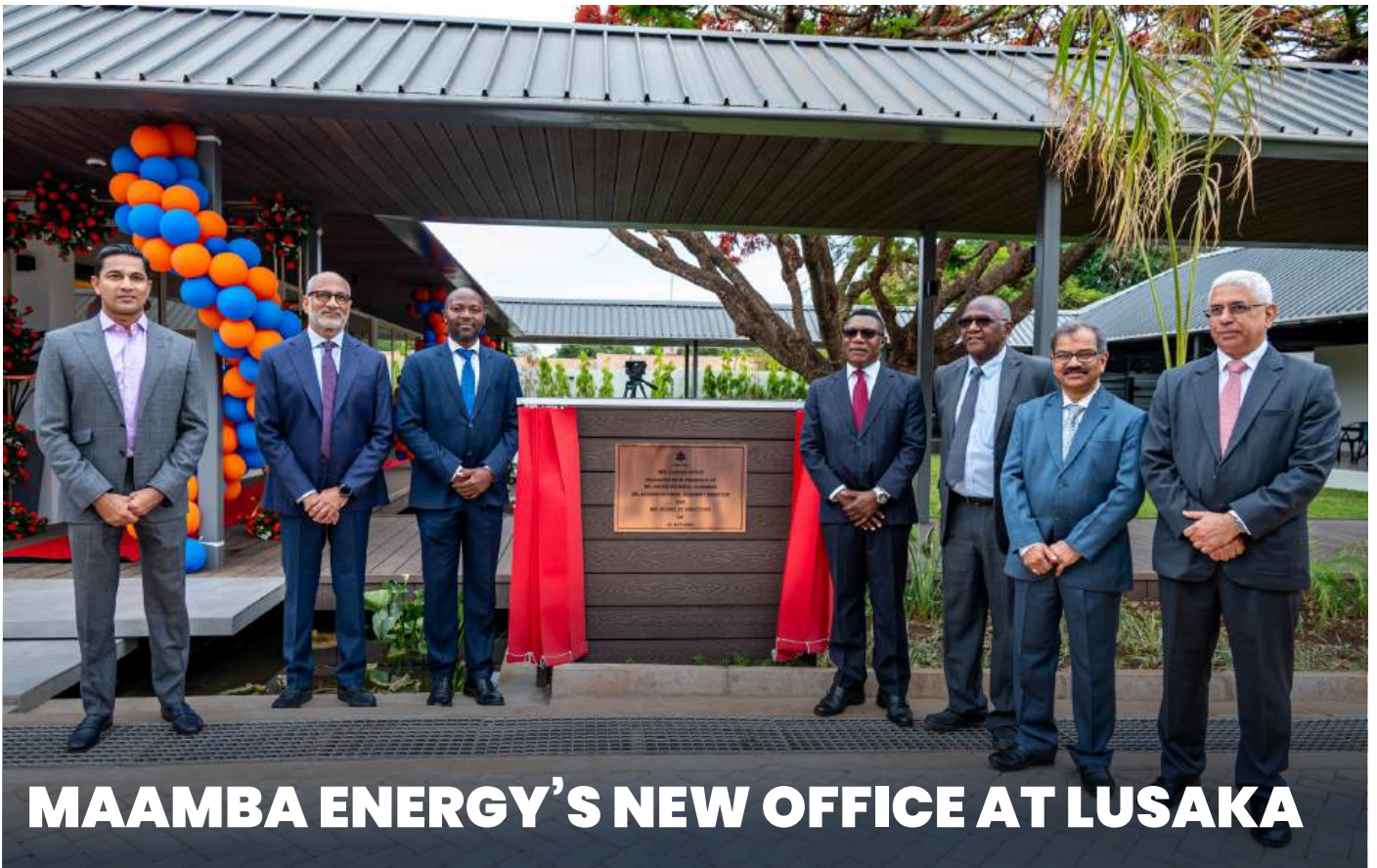
radios, three base stations, and eight vehicle-mounted units.

These devices have been deployed across the Mining division, the Phase 1 Thermal Power Plant (TPP), construction sites, and various control points. The transition to a dedicated radio frequency provides a robust solution for immediate operational communication and emergency response, particularly in high-risk zones where constant focus is paramount.

Beyond addressing the risk of distracted driving, the new system offers technical advantages essential for a mining environment. Unlike conventional mobile phones, the dedicated radio equipment is designed to prevent electromagnetic interference, which can pose a significant threat to sensitive blasting systems.

Mr Phiri noted that the first phase of the rollout is already enhancing communication across the site. "The introduction of this system reduces dependency on personal mobile phones and provides a safer alternative for hazardous environments. This investment reflects our unwavering commitment to improving operational standards and ensuring a secure environment for all personnel."





MAAMBA ENERGY'S NEW OFFICE AT LUSAKA

Maamba Energy Limited (MEL) officially inaugurated its newly constructed office in Kabulonga, Lusaka, marking a significant milestone in the company's growth and sustainability journey. Located at Plot No. 4102, Mutenguleni Road.

The inauguration ceremony, held on 23 October 2025, was graced by MEL Chairman Mr. Ashok Devineni, Resident Director Mr. Ashwin Devineni, and

members of the Board of Directors. The plaque was unveiled by Mr Kingsley Muwowo, Director and Mr. Ashok Devineni, Chairman of MEL formally inaugurated the office.

The new headquarters is more than just an office space, it embodies MEL's vision of "Synergy and Sustainability." Designed as a green building, it integrates solar energy systems, natural light optimisation, and locally sourced materials, reflecting the company's

commitment to environmental responsibility. The building also features symbolic elements such as the Tree of Synergy and a tranquil koi pond, underscoring MEL's values of growth, stability, and community well-being.

As a flagship structure, the Lusaka office represents Maamba Energy's dual role in Zambia's energy and mining sectors, reinforcing its dedication to operational excellence, sustainability, and national energy security.



HEALTH AND WELLNESS WALK

When Wellness, Purpose, and Teamwork Power Progress at Maamba Energy



As the final pages of 2025 turned and a new chapter beckoned, the halls of Maamba Energy Limited were filled with more than end-of-year reflections, they echoed with gratitude, unity, and renewed purpose. On 31 December 2025, employees gathered not just to mark the close of a successful year, but to reaffirm what truly powers the organisation: people who care for their families, their colleagues, and the work they do every day.

Speaking under the “I Love My Family, I Love My Job” Campaign, Chief Executive Officer Lt. Col Cyrus Minwalla (Retd) commended employees for their dedication and resilience. He stressed the importance of safety at all levels and encouraged employees to remain their brothers’ keepers, noting that care for one another is a core MEL value. “When we protect one another and work safely, we protect our families, our jobs, and our future,” said the CEO.

In 2025, MEL achieved key milestones, including progress made on Thermal Power Plant Phase II project, the

100MW Maamba Solar Power Plant groundbreaking, Maamba Private School expansion, and additional staff housing. The CEO attributed these achievements to a disciplined and focused workforce.

“Discipline, focus, and teamwork are what turn plans into progress. Every milestone we achieved this year carries your fingerprints,” the CEO emphasised.

In line with the campaign’s values, the CEO, Plant Head, Heads of Department, and management staff led employees in a 2.5 km Wellness Walk, promoting a health, teamwork, and productivity.

As MEL enters a new year, the “I Love My Family, I Love My Job” Campaign remains a reminder that when employees feel valued, safe, and united, they power not just plants but people and the nation. Cheers to 2026!



MAAMBA ENERGY SPONSORS ZACCI RENAISSANCE CONVENTION AND IMPACT AWARDS 2025

The Zambia Chamber of Commerce and Industry (ZACCI), with sponsorship from Maamba Energy, successfully hosted the 2025 Renaissance Convention and Impact Awards at Pamodzi Hotel in Lusaka. Held under the theme “Forging a Collaborative Future: Innovation, Investment, Inclusive Growth,” the event brought together business leaders, policymakers, and innovators to celebrate resilience and transformative leadership across Zambia’s private sector.

The ceremony was graced by Honourable Chipoka Mulenga, MP, Minister of Commerce, Trade and Industry, who represented President Hakainde Hichilema. In his keynote remarks, Hon. Mulenga underscored the vital role of the private sector in driving economic growth and praised ZACCI’s contribution to business advocacy, strategic engagement, and investment promotion across the country.

Alongside the awards, ZACCI successfully conducted its Elective Annual General Meeting, affirming the Board for the 2026–2027 term. The continuity of leadership was hailed as a step towards strengthening the Chamber’s strategic direction, while Maamba Energy reaffirmed its commitment to powering industries, creating jobs, and supporting sustainable investment.

As Zambia’s leading independent power producer, Maamba Energy’s partnership with ZACCI reflects its broader strategy to align with national priorities on industrialisation, energy security, and sustainable development.

The convention also provided a platform for networking among stakeholders, reinforcing the role of the private sector in advancing Zambia’s economic renaissance.



MEL CHAMPIONS ENVIRONMENTAL STEWARDSHIP WITH WORKPLACE CLEAN-UP CAMPAIGN



In its quest to uphold its commitment to a sustainable and safe working environment, Maamba Energy Limited (MEL) successfully conducted a comprehensive litter-picking campaign on 17 October 2025.

The initiative, held within the company's premises, was designed to bolster environmental awareness among the workforce and foster a culture of collective responsibility. Employees from various departments joined forces to ensure the site remained tidy, reflecting the company's broader mission to integrate eco-friendly practices into its daily operations.

The campaign is part of an ongoing strategy to maintain the high environmental standards the company is known for. And the company takes immense pride in its clean and green workspace. By engaging Maamba Energy staff in these practical initiatives, the company is not only improving its immediate surroundings but also reinforcing the values of sustainability that define its corporate identity.

As a leading player in the Zambian energy sector, MEL continues to prioritise environmental management alongside its operational goals, ensuring that its facilities remain a model for industrial cleanliness and safety.



WELCOME TO MAAMBA ENERGY



COL. VARUN SINGH JAMWAL (RETD)

Col Varun Singh Jamwal (Retd) has joined MEL as Head-Corporate Affairs based in Lusaka, reporting directly to the Chief Executive Officer, following the appointment of Col Varun Wadhwa (Retd) as Chief Operating Officer of Kawambwa Sugar Limited.

Col Jamwal joins the organisation from the Indian Ministry of Defence, bringing over 22 years of distinguished experience in operational command, strategic planning, and international peacekeeping. An Arts graduate with a Master's degree in Defence Studies who is currently pursuing postgraduate studies in Law, he possesses a proven track record in military diplomacy and effective engagement with government agencies and international organisations.



ENG. GODFREY KUMWENDA (FEIZ, RENG, BENG)

Mr Godfrey Kumwenda has joined MEL as Manager Engineering, reporting directly to the General Manager – Mining and overseeing the Mechanical, Electrical, and Automotive sections. A seasoned professional and Fellow of the Engineering Institute of Zambia (FEIZ), Mr Kumwenda brings over 20 years of experience across the copper, nickel, and cement industries, having previously held senior roles at Mabiza Resources, FQM, KCM, and Chilanga Cement. His extensive expertise encompasses preventive and predictive maintenance for fixed and mobile plants, project management, and structural integrity. Academically, he holds a Bachelor's degree in Mechanical Engineering from the University of Zambia, is a Certified Preventive Maintenance Engineer, and possesses a certificate in Project Management.



MS. LOMTHUNZI MBEWE

Lomthunzi Mbeve has joined MEL as Manager – Corporate Social Responsibility (CSR), reporting directly to the Chief Executive Officer and bringing two decades of professional experience from the quasi-government and mining sectors. Having previously held positions at First Quantum Minerals (Kansashi Mine Plc), Kagem Mining, Lubambe Copper Mine, and the Zambia Development Agency, Ms Mbeve possesses extensive expertise in designing and monitoring community development programmes that align business objectives with social value. Her career has focused on strengthening partnerships with traditional leaders, government bodies, and development partners to secure the social licence to operate and enhance corporate reputation. Academically, she holds an MSc in International Trade Policy and Trade Law from Lund University and a Bachelor's degree from the University of Zambia, supplemented by several professional certifications.



MR NIRANJAN BHAT SIDDAPUR

Mr Niranjan Bhat Siddapur has joined MEL as Manager (Finance & Accounts), reporting directly to the General Manager (Finance & Accounts). A Commerce graduate and a Fellow Member of the Institute of Chartered Accountants of India (ICAI), Mr Niranjan brings over 10 years of experience in the sector, with particular expertise in financial forecasting, budgeting, MIS reporting, and cost monitoring. His professional background includes extensive work in preparing financial statements and managing audits, having most recently served with M/s Sublime Consulting DMCC in India.



MR. KUNDA TEMBO

Mr Kunda Tembo has joined MEL as Mechanical Superintendent, reporting to the Engineering Manager with responsibility for mobile equipment maintenance, plant maintenance, and asset reliability. A Registered Engineer and professional member of the Engineering Institute of Zambia (PEIZ), Mr Tembo brings over 11 years of experience in open-pit, underground, and fixed-plant operations, having previously served as Mechanical Superintendent at Munali Nickel Mines and held roles at Mopani Copper Mines and FQM Kansanshi Plc. His technical expertise encompasses reliability-centred maintenance, root cause analysis, and machine health monitoring across concentrators, refineries, and smelters. Academically, he holds a Bachelor's degree in Electrical/Mechanical Engineering from the Copperbelt University.

MAAMBA ENERGY AND MINISTRY OF AGRICULTURE LAUNCH **SUSTAINABLE BEEKEEPING INITIATIVE** IN SIANKODOBBO

Maamba Energy Limited, in partnership with the Ministry of Agriculture's Forestry Department, has unveiled a strategic beekeeping and sustainable honey production project in the Siankodobbo area, aimed at bolstering the local economy and promoting environmental conservation.

The initiative, has already seen the installation of 80 beehives. The venture is designed to move beyond traditional honey collection by establishing a sophisticated, sustainable model that integrates community involvement with strategic forage management.

Speaking on the project's progress, Maamba Energy Limited Corporate Social Responsibility Manager Lomthunzi Mbewe, noted that while the project is in its infancy, the foundations for success are being laid.



"Currently, 40 of the 80 hives have been colonised using wax baiting techniques, a 36 per cent colonisation rate. The existing colonies are still small and developing. At this stage, there is zero honey production as the bees are focused on survival rather than surplus storage. Our strategic goal is to move from 'survival mode' to 'production mode' by the second quarter of 2026," Ms Mbewe said.

To achieve this, the project is employing "agriculture demos" to ensure a consistent food supply for the bees. By planting diverse flowering crops such as sunflowers, soybeans, and tomatoes, the project aims to provide the essential pollen and nectar required for colony growth. This method reduces the distance worker bees must travel, allowing them to conserve energy and increase brood expansion.

Ministry of Agriculture Senior Forestry Technician, Obvious Mutelele, emphasised the importance of this integrated approach.



“The nature of the environment here in Maamba means we do not always have enough natural pollen for the bees to thrive. As a department, we are advocating for Maamba Energy to implement mixed agriculture. By growing crops that bloom at different times, we ensure the bees do not have to labour to find resources. They can find everything they need within the premises,” Mr Mutelele explained.

He also highlighted the environmental benefits of the scheme, describing it as a “win-win” for both the government and the community. “By protecting the bees, we are also protecting the environment. No one will be allowed to cut down trees in the project area, ensuring the local woodland remains in good hands,” he said.

The project is currently overseen by the Forestry Department, which provides technical expertise in hive management and value addition. To ensure the long-term viability of the project and to avoid future land disputes, the hives have been situated on community land, and there are plans to drill a borehole to support year-round gardening and flowering.

Financial forecasts for the project remain optimistic. Once the colonies

reach optimal capacity, the project targets a yield of approximately 15 litres of honey per hive, harvested twice annually. At full production, the 80 hives could produce up to 1,200 litres of raw honey per cycle.

The harvested honey is slated for sale in local communities, supermarkets,

and small shops, with marketing efforts supported by local broadcasters such as Zongwe FM.

“We really appreciate what Maamba Energy is doing. This pilot project is a vital step toward sustainable community development,” Mr Mutelele said.



PICTURE STORIES

MAAMBA PRIVATE SCHOOL EXPANSION PROJECT



CHRISTMAS CAKE CUTTING





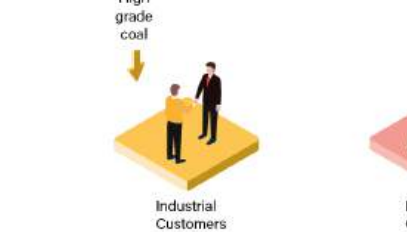
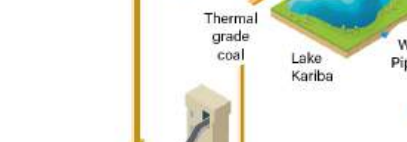
EMPLOYEE'S KIDS END OF YEAR PARTY



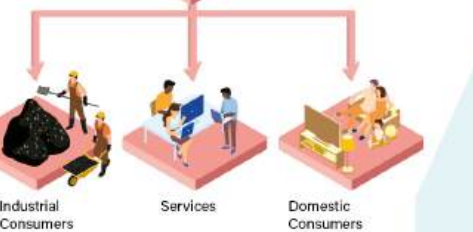
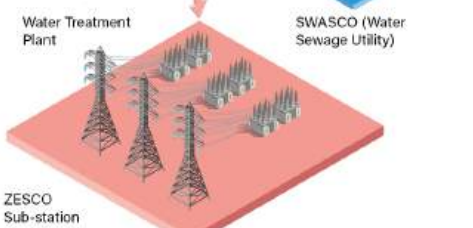
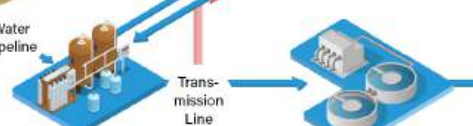
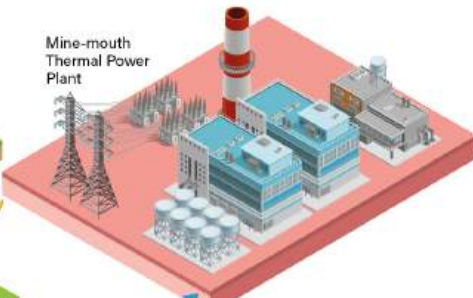




Coal Mining



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 *in* 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.



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