



ENERGY SOLUTIONS FOR EDUCATION

Tailored Energy and Workplace Management Solutions for the Education Sector.

LET'S TALK

ENERGY!

THE CHALLENGE

Daily power outages have had a devastating impact on our lives, and universities and schools have not been spared. The education sector has constantly expressed concern about the impact of load shedding on learning time and its effect on technical exams.

Schools without access to natural light or alternative electricity generation capacity face endless teaching and learning challenges during load shedding.

Tuck-shops, coffee shops and other catering facilities within educational institutions also bear the brunt of power cuts.

SA GOVERNMENT ANNOUNCEMENT

The SA government announced an expanded tax incentive for businesses of 125% of the cost of renewable energy assets used for electricity generation, brought into use during a period of two years from 1 March 2023. Further rebate programs are introduced through the Eskom Distribution Demand Management programs (DDMPs)

RENEWABLE ENERGY

We provide Renewable energy solutions such as solar, wind and hydro power through client CAPEX budgets or Power Purchase Agreements. These solutions yield big returns for businesses and property owners and very short return on investments terms.

UTILITY ANALYSIS, TARRIF MIGRATIONS

We offer, through our consumption intelligence system- thorough consumption patterns analysis and recommend cost effective tariff structures which in turns offer huge returns without a CAPEX-expense to our clients.

THE BENEFITS

At Tsebo Energy, we believe that a reliable energy solution tailored for the education sector can deliver long-term benefits. We understand that every institution has specific requirements, and we offer a range of options to suit your needs. Our team is well-versed in the best available technology solutions, tax incentives and funding MODEL options. We also have experience in how best to use your existing assets while transitioning to renewable energy solutions. Our consumption intelligence system can provide immediate savings, and we'll guide you towards achieving carbon neutrality. Our consumption intelligence system can provide immediate consumption analytics and optimisation data which can be used to develop efficiency interventions savings, and we'll guide you towards achieving carbon neutrality.

OUR SOLUTIONS

Metering and Monitoring

From bulk metering to energy conservation measures

Consulting

From energy usage analytics to energy independence roadmaps

Maintenance

From maintenance to ongoing improvements through consumption analytics

Energy Optimisation

From consumption analytics to bill verification

Solutions Design

From technical design to recommending financing options

Project Management

From procurement support to installing and commissioning energy plants such as PV installations

Energy Performance Certification

From data collection to certification



Our solutions include:

- **Diesel:** Diesel services include both refilling and monitoring. If generators run low on diesel, we refill them. Additionally, we monitor diesel levels, ensuring a proactive refill at 40% to maintain optimal backup generator power.
- **Embedded private generators:** Privately owned, on-site generators for small and medium businesses, or micro grids for commercial and industrial concerns.
- **Energy generation:** Our highly experienced team has the expertise and knowledge to build private renewable energy generation plants for the benefit of clients in rural and urban areas.
- **Hybrid systems:** A combination of two or more technologies to ensure continuous energy supply.
- **Battery storage systems:** Store excess energy for later use.

Other workplace management solutions include:

- Tsebo Facilities Solutions
- Tsebo Catering
- Tsebo Cleaning and Hygiene
- Tsebo Pest Control
- Tsebo Landscaping and Interior Plant scaping
- Thorburn Security Solutions
- Tsebo Engineering
- Tsebo Beverages
- Tsebo Workplace Design
- Tsebo Business Support
- Tsebo Fire Detection and Suppression



GET IN TOUCH

Scan here to contact us for more information.

WHY TSEBO?

With over 50 years of experience, Tsebo's highly qualified and experienced Electrical Energy Engineers and teams possess the intellectual property and expertise to deliver peace-of-mind solutions to various clients and sectors.



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