



An aerial photograph showing a massive array of blue solar panels installed on a floating platform in a large body of water. The panels are arranged in a grid pattern, covering a significant portion of the dark water surface. A narrow walkway or path made of grey concrete or metal extends from the top right corner towards the center, providing access to the panels. In the middle-right section of the walkway, a person wearing a bright orange vest and a hard hat is visible, appearing very small against the scale of the installation.

Company Profile



Founded in 2013, **solarex.** is a specialist engineering, procurement and project management contractor (EPCM) within the solar and energy storage industry that serves the Commercial and Industrial (C&I) property sector by providing tailored solar and storage energy solutions ranging between 5 KW and 1 MW in size.

Our engineered solutions encompass world-leading products and engineering methodologies while incorporating our set of value-based principles to ensure that your system is built to last and matches your expectations. Solarex. has approximately 20Megawatts (MW) of active solar and battery storage sites located in and around the continent of Africa, with a further 150MW under development.

Today, **solarex.** has grown to be a vertically integrated bespoke energy company offering specialized project development, EPC and O&M services, with a clear goal to alleviate energy poverty in Africa.

WE PROVIDE MAURITIAN ENERGY SOLUTIONS TO MAURITIUS IN A SUSTAINABLE WAY.

Our aim is to support the rapidly expanding Small Scale Embedded Generation market (100Kw to 100MW size project) by offering specialized, professional EPC and O&M services as well as innovative Greenfields Project Development services. We see ourselves serving and growing alongside the Independent Power Producer and Solar/Storage Project Investor markets.



what we do

our solar solutions

If you are planning to adopt solar energy to save on your cost of electricity or to meet your sustainability goals, we have a customized solution for your needs.



roof top

Solar panels mounted over a rooftop is a great way to utilize the vacant roof space and achieve greater returns on the generation of Solar Energy. Whether it is a Klip-Lok, IBR, tile or any other kind of roof, **solarex**. can design a customized solution suitable for your needs.

ground

solarex. helps with the complete turnkey execution for on-site ground-mounted installations, starting with Design & Installation right through to Operations & Maintenance for these types of solar plants. Thus, assisting you throughout the entire project lifecycle.



car park

If your premises have a dedicated parking space, a solar car park solution is an efficient way to utilize the space to install solar panels. It serves the purpose of offering shade to the vehicles / material beneath while harnessing solar energy.

greenfield

Solar plants developed from the ground-up with open access is an excellent option for industries to procure power at a lesser tariff than their existing Utility tariff. **solarex**. uses the private energy market to develop and build solar energy projects and wheel them via the existing grid to commercial & industrial off-takers

micro-grid/storage solutions

These solutions are designed to function seamlessly with various energy generation sources (solar, battery/storage, grid, diesel generator). As a result, they can provide cheaper energy, save on diesel costs and provide backup power in the event of a grid failure/black-out.

our services

solarex. assists energy consumers throughout the lifecycle of a solar power plant. Starting with the feasibility and design to operations and maintenance, walking you through every step of the project process. Our clientele includes Commercial & Industrial Power Consumers, Independent Power Producers & Solar Project Investors.



WE OFFER IN-HOUSE END-TO-END SERVICES.

Product Development & Financing



As a business made up of industry experts, we are constantly developing solutions while finding the most suitable funding vehicles. We have a deep understanding of the project development and energy project funding space and have developed approximately 150MW of projects to date.

Solar Engineering, Procurement and Project Management (EPCM)



solarex. has an in-house end-to-end capability to build a customized solar-powered plant. Our team are seasoned experts with experience in successfully handling projects involving every type of scenario. After delivering the functional solar system to you, our team continue to perform regular checks and continuous maintenance to ensure your solar system works at optimum efficiency.

Solar Operation & Maintenance (O&M)



We have a dedicated Operations & Maintenance team for all our projects that manage our clients' solar assets. In addition, our qualified team monitors and services the solar assets, resulting in optimal power generation and maximum plant uptime.

funding **solution** packages

Capex / Purchase Option

- Our outright purchase option relies on the funding instrument/s provided by our clients (i.e. loan through the bank, through their bank, cash reserves etc.). This model allows the purchaser to own 100% of the solar system together with all the savings it generates.
- Typically, the Pay-Back period ranges between 2-5 years
- Tax deduction attributable to the purchaser which increases yield 100% deduction in Year 1
- We provide monthly energy savings reporting & management services as a standard offer
- A routine Operations & Maintenance (O&M) contract can be added. Onsite staff can also be trained should this be a requirement.

**WE PRIDE OURSELVES ON OUR
EXCEPTIONAL HIGH CLIENT
SATISFACTION RATINGS.**

1. Fully Funded Solution: **Discounted Tariff**

With this solution, we provide our clients with a discount on their properties bulk tariff rate, providing cheaper energy rates at zero cost over a 20-year term. The cost of the solar energy is based on fixed percentage increases which are modelled to be lower than that of Eskom's tariff increases. In addition to this, we maintain, insure and operate the system over the full term, thus de-risking the solution.

2. Fully Funded Solution: **Roof Rental**

With this option, we replace electricity savings with a monthly roof rental fee based on the roof occupancy metrics of the solar panels. In addition, these rental agreements are based on a 20-year term, of which we will maintain, insure and operate the system over the term, thus de-risking

our projects

solarex. has an in-house end-to-end capability to build a customized Solar- powered plant. Our team are seasoned experts with experience in successfully handling projects involving every type of roof. We have executed state-of-the- art projects for leading Commercial and Industrial names.

If you are planning to adopt solar energy to save on your electricity cost or meet your sustainability goals, be assured of our quality service. We have successfully completed multiple challenging projects delivering complete satisfaction to our clients.



solarex experience center



smart villa project

our projects



residential project



chalet project

contact **us**

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