

Market Leader

Equator Energy is Kenya's market leader in Commercial and Industrial (C&I) solar power. We operate over 120 solar plants totalling over 50 MW of solar capacity. Of these a market leading 3.4 MW spread over 25 projects are installed at flower farms. Below are photos of our flower farm projects.



Risk Free

Our business model is simple and risk free: we design, build, operate, maintain and insure solar power plants at our own expense. This means, there is no investment required from our customers. We simply charge you an operation fee for the solar electricity that you use on a per kWh basis at a discount of 40 – 60 % on your grid rate.

Flower Farms

The electricity consumption of flower farms matches solar yield exceptionally well. Cold storage, water pumping and fertigation power use all increase through the day right in line with increasing solar output. This allows us to achieve particularly high shares of solar energy in the energy mix for flower farms along with some of the best discounts out of all industries we supply.

Solar Share

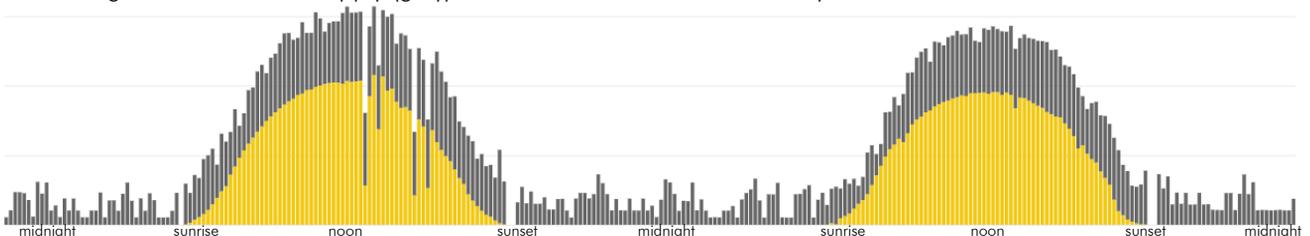
We can replace over up to 60 % of your annual electricity consumption with cheap, clean solar energy.

Purchase Options

You get the option to buy the solar plant at any time if you wish and we offer market leading pricing.

Case Study | Black Tulip Group - Kenya

We have installed solar power plants at 11 flower farms belonging to Black Tulip Group in Kenya. In total the 1.4 MW of solar power plants deliver 1.9 million kWh and over 110 thousand USD in savings to the group every year. The installation of all projects took our team less than 6 weeks. The graph below shows our solar supply (yellow) blending in with the KPLC supply (grey) over the course of two recent days at one of these flower farms.



Key Figures

- ~20-40 % annual solar supply share
- >11 million shillings annual electricity cost savings
- zero investment by Black Tulip Group
- 20 years operating, maintenance and monitoring by Equator Energy
- 1,413 kWp total installed solar capacity
- 4,350 mono-crystalline solar modules
- 37 days from delivery of equipment to commissioning of 11 plants by our 50+ member installation team
- Diesel-hybrid integrated to run with generators during KPLC outages
- Remote monitored and controlled by our operations centre 24/7/365
- Intelligent online energy dashboard access custom designed for the customer (see the load curve graph above)