

SOLARGEN

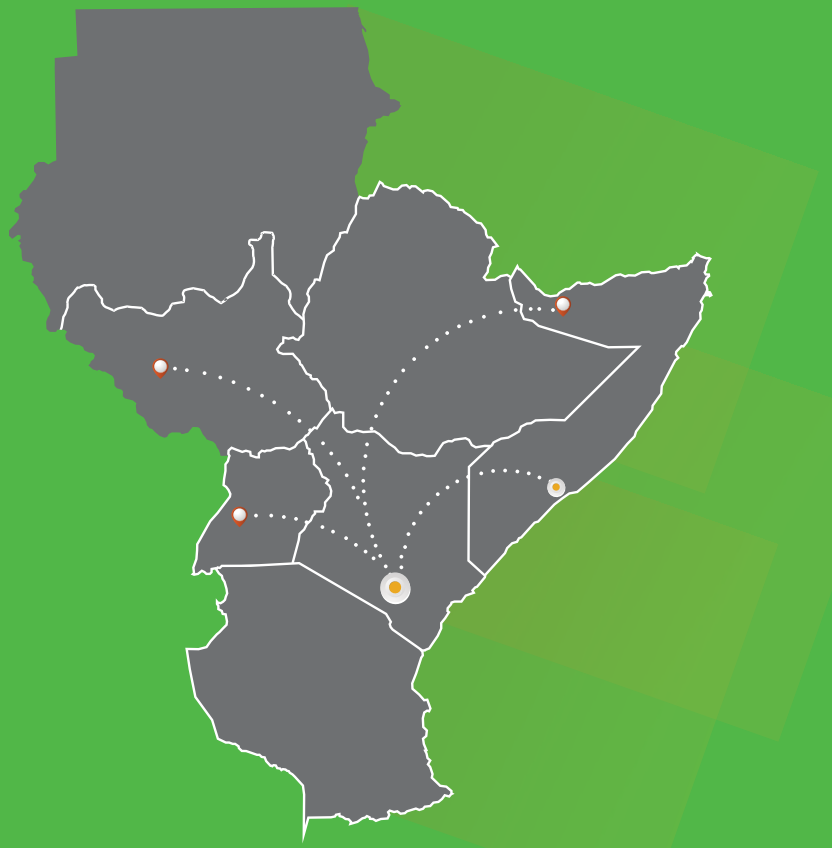
www.solargentechnologies.com

Who we are

Solargen Technologies Ltd is a leading EPC in Renewable Energy, Water and Irrigation solutions provider in Eastern Africa.



Where we are



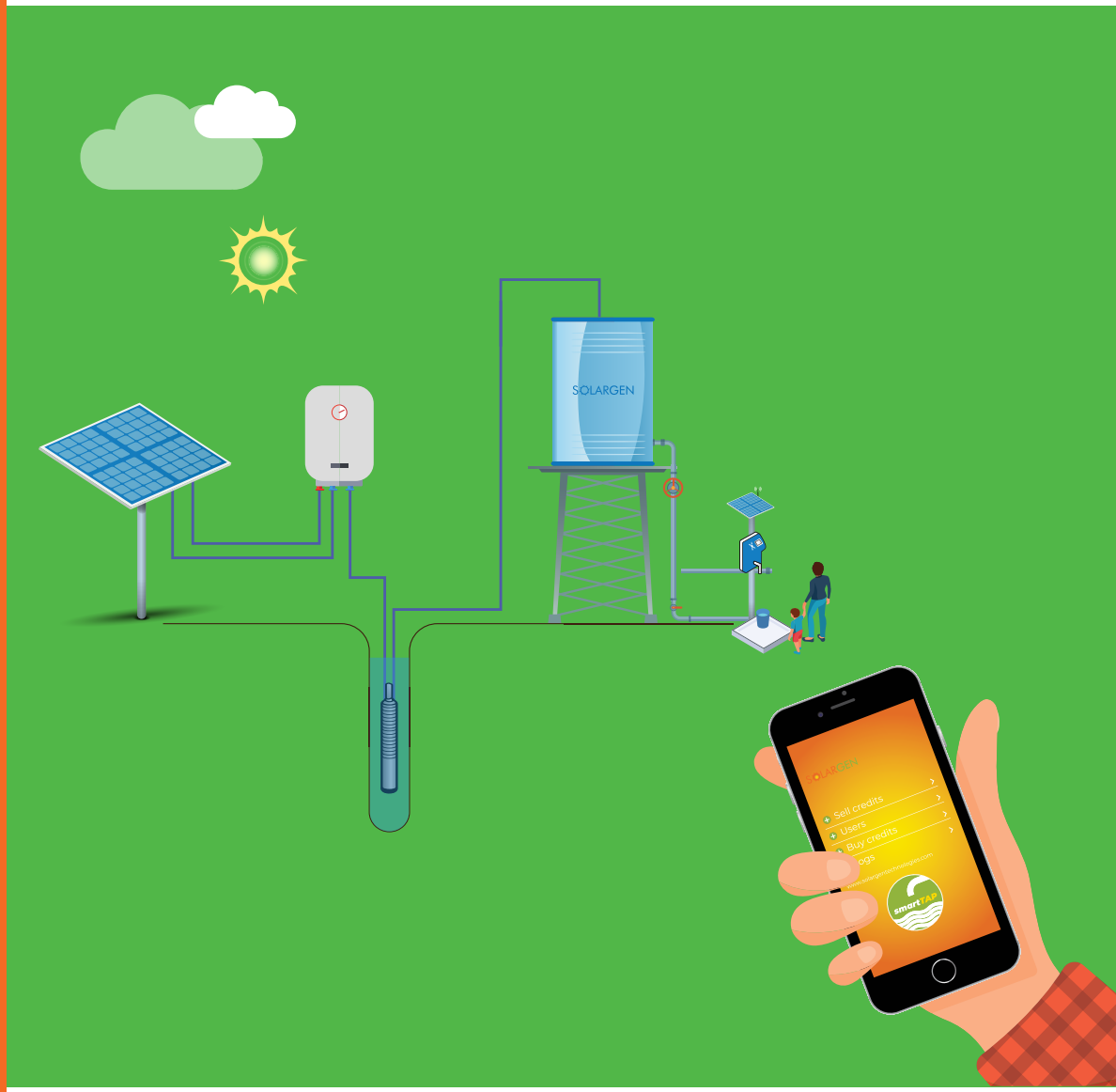
Our products

As a leading Energy, Water & Irrigation solutions and services provider, SolarGen offers a best in class combination of products integration and know-how. No matter what your needs are, we will create a personalized solution with our seamlessly integrated product portfolio.



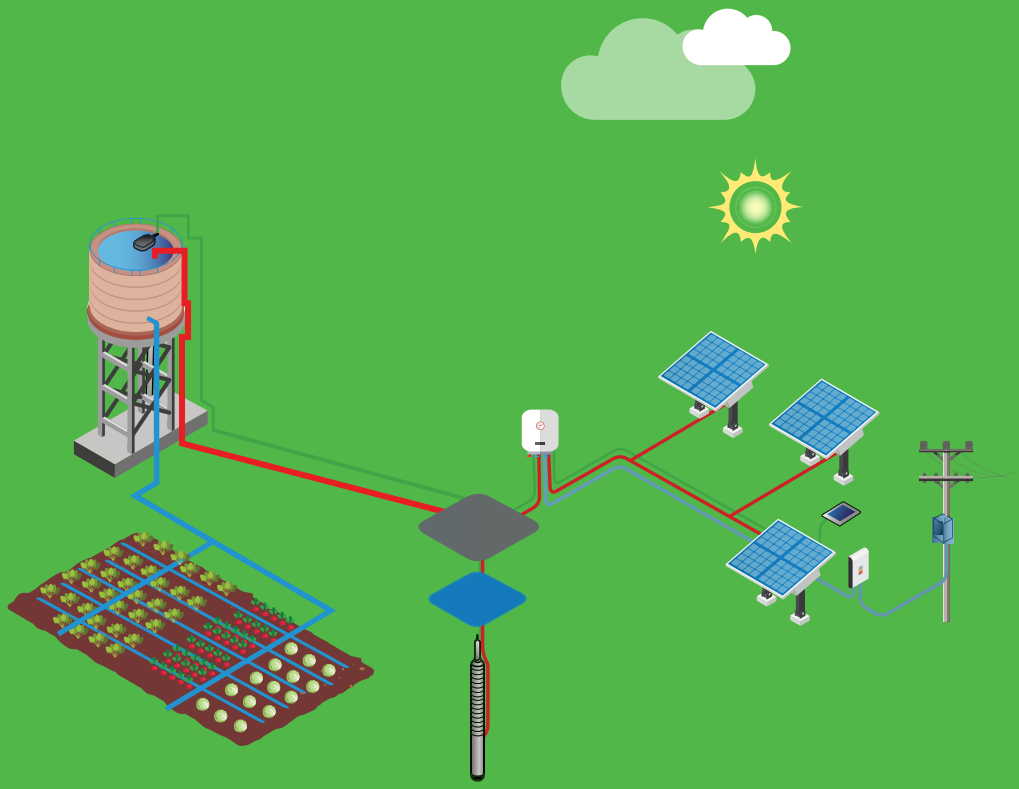
Our Solar Water pumps for Boreholes

We can solarize any borehole at any depth, providing drinking water reliably and economically to people anywhere.



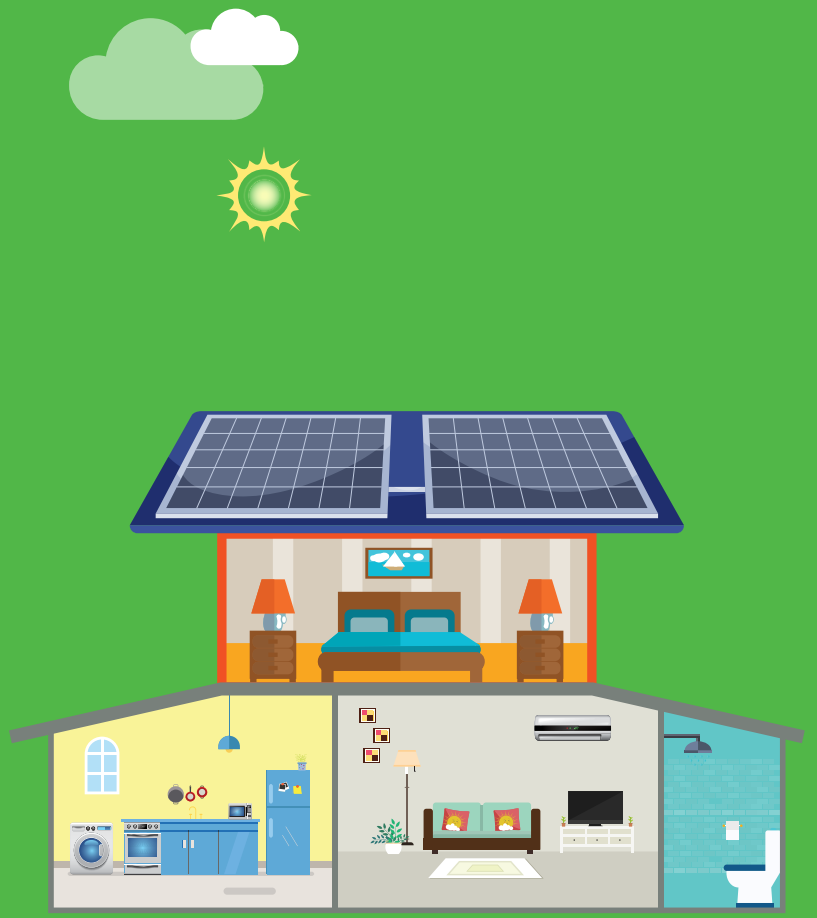
Our Solar Water Pumps for Farmers

From a small plot to a large commercial farm, we can help you irrigate cost effectively and reduce your fuel cost.



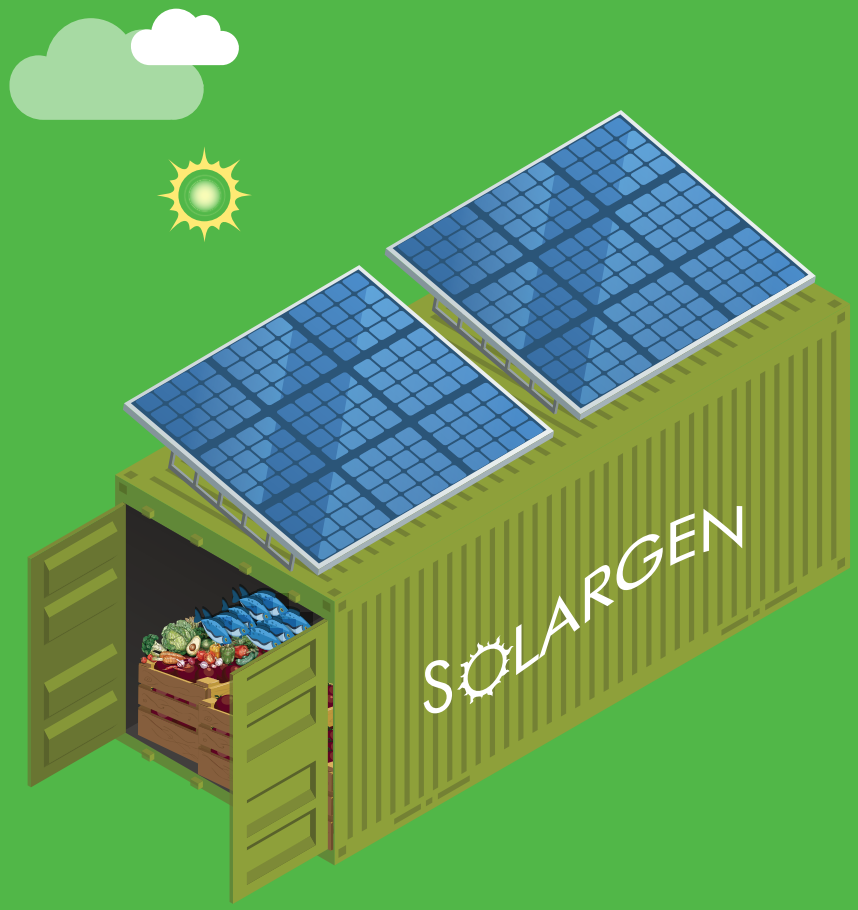
Off-Grid Solar

We design a stand-alone system for a single home or a mini-grid for an entire community. We can help you understand the power of your solar investment, calculating your long-term savings.



Our Solar Cold Storage

JuaBaridi is a solar powered cold room solution that keeps perishables fresh for an extended period, preventing post harvest losses and allowing farmers to maximize the value of their produce.



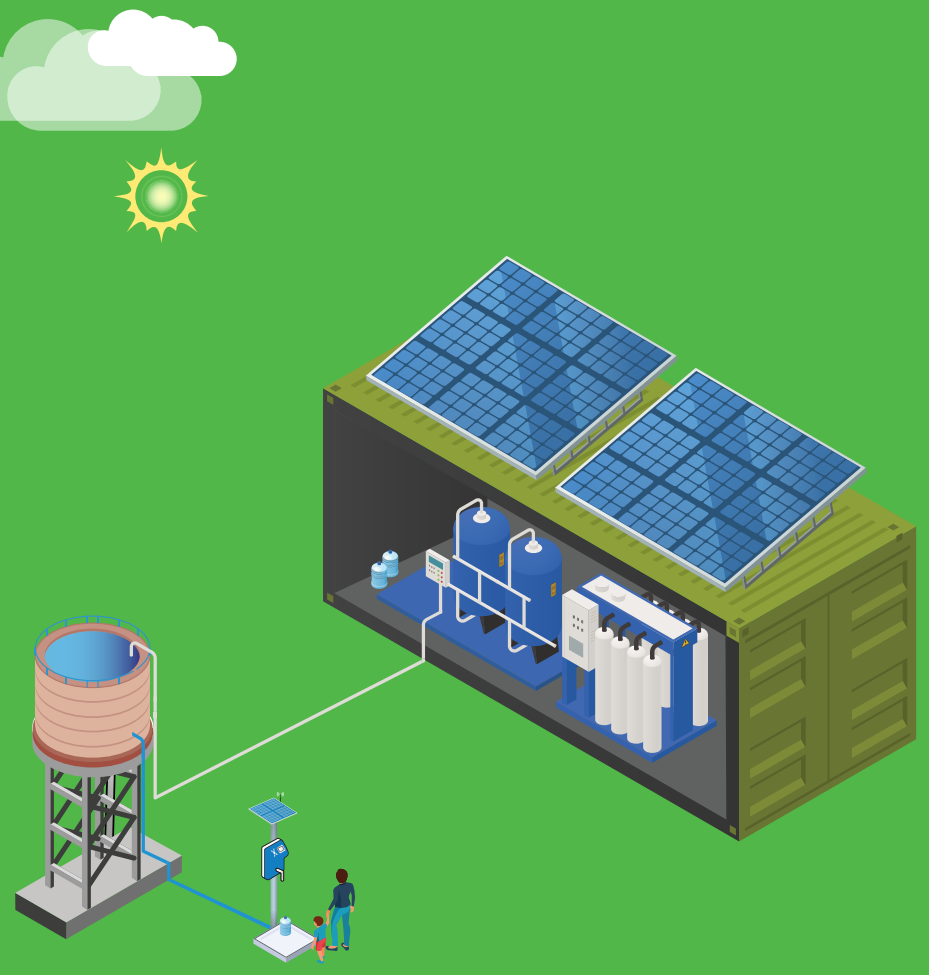
Our Solar Mini-Grid Solutions

Solar mini-grid is an economically viable option for providing electricity in rural areas. As a stand-alone system, solar mini-grid can offer the ideal platform for integrated development solutions. They can also complement a range of humanitarian interventions.



Our Solar Powered Water Treatment

Clean water is essential across communities for healthy and sustainable living. Solargen rovides cost effective solar powered water treatment solutions for domestic and commercial use. Whether saline or muddy water, we will find the right solution for you.



Our Products

Solar Modules



Our solar modules are well equipped to meet every need, no matter the complexity, or where it might be.
With us you can be sure that even, after a quarter of a century, our solar modules will still meet or exceed your expectations. Because, we stock only Tier 1 Modules.

Pumps

Our pumps are high quality products designed for drinking water, livestock needs and irrigation systems.
Our pumps deliver water anywhere – economically and reliably.



Inverters



No matter how big or small your desired system, we can make the most out of the available sunlight. Our best-in-class inverters offer the most reliable electronic solutions from internationally recognized brands.

Water Treatment

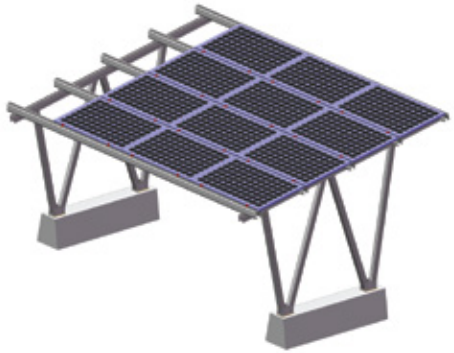


We offer both commercial brackish water treatment solutions ideal for water vending business, Water purifiers as well as residential 7 stage undersink water treatments to help you cut cost of buying drinking water.

Our Products

Mounting Structure

Our mounting structures optimally support solar modules with maximum durability and consistent safety



Irrigation systems

We bring to you complete range of drip irrigation solutions made Cost Effective through new technology, product innovation and value engineering.



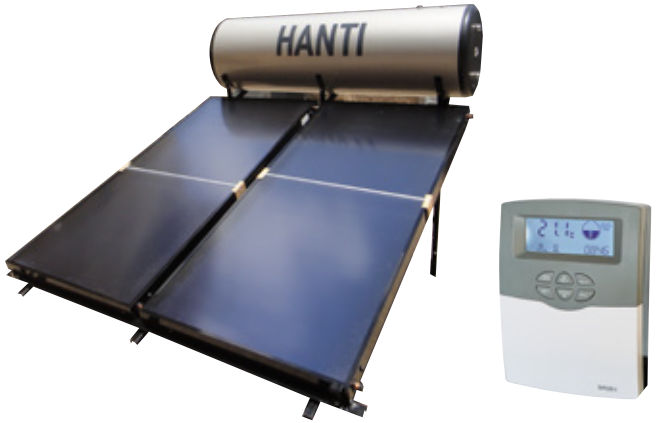
Solar Storage system

Our storage systems are especially designed for heavy load discharge applications with 8 to 15 years design life in float service.



Solar Water Heaters

We source our solar water heaters from world leading manufacturers to deliver to you a cost effective hot water solution at the best price possible.




Project Development
Energy Audit
Operation & Maintanance
Feasibility Studies
Turnkey Installations

Our Clients


UNHCR
The UN Refugee Agency


unicef


World Vision


NORWEGIAN
REFUGEE COUNCIL
NRC


ALIGHT


CONCERN
worldwide


SND
Strategies for Northern Development


Save the Children


ACDI VOCA
Expanding Opportunities Worldwide


Pastoralist
Girls Initiative


MERCY
CORPS


ISLAMIC
RELIEF


givepower


OXFAM


FCDC


WASDA
For the People of the Horn of Africa


FOOD FOR
THE HUNGRY


DRC
DANISH
REFUGEE
COUNCIL


ACTION
AGAINST
HUNGER


MACHAKOS COUNTY
GOVERNMENT


WWF


parc


IOM
THE UNITED NATIONS
MIGRATION AGENCY


giz


KenGen
Energy for the nation

Our Partners

























OUR PROJECTS
MINI - GRID









WARSHEIKH MINI-GRID

Warsheikh is a historical town 60 km North of Mogadishu. The community depends on fishing for its livelihood. However, due to lack of infrastructure and cold chain, the community suffered heavy losses since there catch would go bad if not sold the same day. Solargen partnered with Somalia Stability Fund to design a solar mini grid to solve the energy challenge.

Project Size:

33.4 kWp mini-grid with 190kWH storage and 45kVA stand-by back-up generator. The system is serving 206 customers with a possibility of further expansion.

Client : Somalia Stability

Location : Warsheikh

OUR PROJECTS
MINI - GRID









OL PEJETA CONSERVANCY

Ol Pejeta is a conservancy in Nanyuki, Kenya. The conservancy caters for endangered animals as well as other wild animals. They face a huge challenge due to poaching. Parc and GivePower partnered and contracted Solargen to provide solar power to power communication and surveillance in 3 sites along the fence of the conservancy. This is expected to act as deterrent to poachers who sneak into the conservancy.

Project Size:
Site 1 - Kamok, 64.7 KWp with 260 KWh storage
Site 2 - Control, 39.8 KWp with 120 KWh storage
Site 3 - Morani, 23.2 KWp with 60KWh storage

Client : Parc Africa Operations

Location : Ol Pejeta

OUR PROJECTS
OFF - GRID







SOLARGEN WAJIR OFFICE

Wajir County is a land of plenty.
The entire County enjoys abundant sunshine throughout the year, with vast tracts of land devoid of vegetation for solar power generation
We designed a 12KW stand-alone off-grid system to power all the appliances within the premises including a water treatment system with the capability to produce 2400 liters of clean water per day.

Project Size:
12 KWp, 10KWh storage

Location : Wajir

OUR PROJECTS
OFF - GRID







UNHCR

Due to high cost of electricity bills when running AC machines, UNHCR contacted SOlargentechnologies to install an Off-grid system that is enviromental friendly and cost effective in providing solution in cutting down electricity bills in running of AC machines within their offices.

Project Size :

6.6 KWp off-grid solar and 10KWp storage system

Client : UNHCR

Location : Gigiri

OUR PROJECTS
OFF - GRID







SOLIO RANCH

Solargen was contracted by Givepower to supply and install a 9.9 kWp, 25 kWh storage Off - Grid system to offer power solutions to the ranch.

Project Size :
9.9 kWp, 25 kWh storage Off - Grid system

Client : Givepower

Location : Naromoru, Nyahururu

OUR PROJECTS
WATER PUMPING







ISIOLO BOREHOLE SOLARIZATION

Solar Powered Pumping System. The system supplies water to people in isiolo county area, the system has helped the locals who are mainly pastorolist by providing drinking water for their animals as well as for household use.

PROJECT SIZE:
7.6 kW PV system, that supports a 5.5Kw pump

Client : Action Against Hunger

Location : Isiolo

OUR PROJECTS
WATER PUMPING









KIGOMA SOLAR WATER PUMPING

This project was to install a hybrid solar and diesel power system to power a plant that supplied water for drinking and irrigation to refugees from DR Congo in Kigoma. Solargen was contracted by OXFAM to design and install the system. Being our first project in Tanzania it was a great experience and milestone for the company.

Project Size :
64 kW solar system to support the pumping of 80 cubic meters of water per hour

Client : Oxfam

Location : Kigoma, Tanzania

OUR PROJECTS
WATER PUMPING







GUDAS SOLAR WATER PUMPING

This project was to install a solar water pumping system (borehole solarization) to help in water supply for the locality for drinking and irrigation to the villagers. Solargen was contracted by SND to design and install the system.

Project Size :
11.5 KWp system

Client : Strategies for Nothern Development

Location : Marsabit

OUR PROJECTS
WATER TREATMENT









KITENGELA WATER TREATMENT

Solargen was contracted by Givepower to supply and install 27 kwH, 2160 KWP battery storage to power the new water treatment farm in Kitengela

Project Size:
27 kwH, 2160 KWP off grid system.

Client : Give power

Location : Kitengela

OUR PROJECTS
WATER TREATMENT







KAJIADO WATER TREATMENT

Solargen was contracted by Givepower to supply and install 27 kWh solar PPV with 2160 kwh battery storage to power the new water treatment farm in Kajiado County.

Project Size:
48.3 KWP off grid system.

Client : Give power

Location : Kajiado

OUR PROJECTS
IRRIGATION SYSTEM







WAJIR IRRIGATION FARM

This is a 5 acres irrigation horticulture demo farm, in Wajir kenya.
The farm uses a smart agriculture technology that was installed using driptech irrigation kits to irrigate the farm.

Project Size:

Size : 5 Acres

Location : Wajir, Kenya

COLD STORAGE







MILK COLD STORAGE

This project was designed for communities in Galmudug that are Nomadic. Their biggest challenge was how to keep their milk fresh so it could fetch them high price. The project was designed such that the communities had access to cold storage for storage at the point of milking, ice for transportation and cold storage at the point of sale. We designed with our partner, CPD, a modular, simple solar fridges that could be used for all the different stages.

Project Size:

Client : CPD
Location : Galmudug, Somalia

OUR PROJECTS

COLD STORAGE









HYBRID SOLAR AND SOLAR SYSTEM

This is a 60kW Hybrid Solar and storage system to power a cold room and a flake ice machine. The project was designed to help a fishing community living along the coast to enable them keep their fish fresh for a longer time. This also enables them to transport their fish fresh to the market. The objective is to increase their income by reducing wastage.

Project Size:
60kW Hybrid Solar and storage system to power a cold room and a flake ice machine

Client : ARC
Location : Bargal, Somalia

OUR PROJECTS
GRID TIED







DPA KISUMU

This is a 21KWp Grid-tied solar system to counter high power bills in the office office premises.
The project was designed to help cut power costs and keep the Computers and all eletronic gadgets running and prioritizes solar

Size:
21 KWp Grid-tied solar system

Client : Distributed Power Affrica

Location : Ecobank Kisumu

OUR PROJECTS

HYBRID SYSTEM







MACHAKOS COUNTY GOVERNORS OFFICE

Solargen was contracted by the county government of Machakos County to do a hybrid system for the governer's office to help reduce the cost of electricty bills.

Project Size:
36 KWp Hybrid solar and storage system
- 23.760 KWp Grid tied
- 12.960 KWp Backup

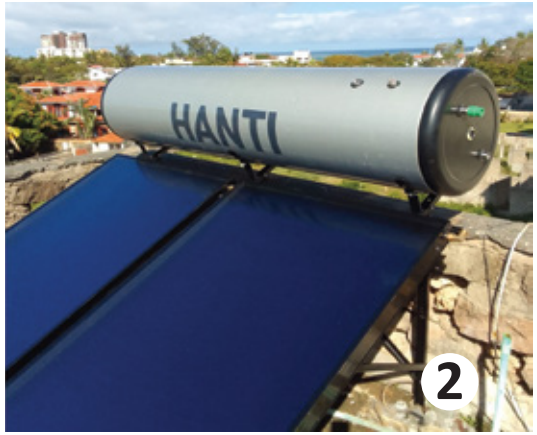
Client : Machakos County Governmet

Location : Machakos

OUR PROJECTS
SOLAR WATER HEATER SYSTEMS







SOLAR WATER HEATER INSTALATION

Installation of HANTI Pressurized, Flat plate and Vaccum tube Solar Water Heater Systems on residential and commercial property. Accessories also available including- Spare tanks and Smart controlers SR68

Size:
200 liters and 300 liters

Client : Residential homes

Location : 1 - Narok
2 - Mombasa

NAIROBI OFFICE

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