



Eco Desh Power Solutions Ltd.

Offering cost saving and environmental friendly solutions



COMPANY PROFILE



CONTACT US



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**Eco Desh Power
Solutions**

WHO WE ARE?

Eco Desh Power Solutions Ltd was incorporated in April 2014 and has been in operation since 2012 as a sole proprietor business before incorporation took place. The objective of the company is to provide cost saving environmentally friendly energy saving solutions and affordable power backup products and solutions to individuals, institutions and corporates. This will be achieved through the direct selling to clients of a range of products or through turn-key solutions involving installation of these technologies to clients.

Apart from this, Eco Desh Power Solutions is committed to ensure that the products and solutions provided to its clients are environmentally friendly. Primarily, the products are based on renewable energy sources such as solar.



OUR MISSION

To provide reliable and professional energy solutions with technical supply, unparalleled customer care service and technologically responsive products.



OUR VISION

To drive affordable access to energy solutions including appliances and services to millions of households and small businesses bringing best life to our customers while stimulating economic and social activity as well as contributing to global environmental protection.



OUR COMMITMENT

Our commitment has helped us in becoming one of Kenya's leading solar companies. Our goal is to provide homes and businesses right across this country with renewable energy solutions and quality solar energy systems.



OUR DEPARTMENTS

Energy Department

- Solar products.
- Solar power installations.

Electrical and Mechanical department

- HVAC solutions.
- Electrical appliances and installations.
- Powerline construction.
- Power analysis and fault findings



SERVICE PLEDGE

- Professional and quality services that exceed the market standards.
- Timely delivery that eliminates time related inconveniences.
- Affordable rates that enhance resource management.
- Esteemed and collaborative relationship with clients.
- Follow up and feedback on service provided, observations and recommendation.



BUSINESS COMPETITIVENESS

- Wide range of customized services that meets the needs of various clients.
- Highly qualified team of professionals with experiences and expertise in various fields.
- Up to date training styles and development skills.
- Consistency in performance improvement in our past clients.
- Strong core values that ensure collaboration, professionalism and sustainable relationships.

OUR SOLUTIONS



SOLAR POWER

Solar PV Solutions

Solar Water Heating

Solar Mini Grid

Hybrid Solar Solutions

Solar Water Pumping



POWER BACKUP

Power Backup Solutions



SOLAR LIGHTING

Solar Street Lighting

Solar Billboard Lighting

Solar Garden Lighting

Solar Flood Lighting



COMPLIANCE

REGULATORY

The company is determined to become established in Kenya as a major provider of renewable energy solutions through market penetration and growth of its sales turnover. Eco Desh Power Solutions is registered with NCA, EPRA and also Tax Compliant with KRA.

ENVIRONMENTAL

Eco Desh Power Solutions Ltd works to transform lives through solar technology. We provide clean, reliable and affordable energy alternatives to unhealthy, environmentally harmful and expensive fossil fuels used in off grid communities.

OUR PRODUCTS

- Solar Panels
- Solar Inverters
- Charge Controllers
- Solar Pumping Inverter
- Solar Water Pumps
- Solar Batteries
- Solar Mounting Structure
- Solar Water Heaters
- Solar Accessories



If you want to install a home solar PV system in your property, we can help you out. With many years of experience in the installation and maintenance of solar panel systems for a wide variety of different property styles and sizes, we can find the most suitable size and style of solar panels to be effective for your home.



A home solar PV system that has been specifically designed for your building will be effective and efficient, giving you all the benefits of clean and green energy while still allowing you to live your life just as you always have done. Once considered outlandish and only suitable for large homes in direct sunlight, home solar PV systems are now affordable and suitable for everyone.

01 BUSINESS PROFILE

Since formation of Eco Desh Power Solutions Limited in 2014, we have grown our client data base from one offs to corporates clientele and evolved into offering all solutions related to renewable energy.

Principal Solutions:

1. Electrical works
2. Solar power and lighting
3. Power back up
4. Domestic and commercial solar hot water
5. Solar street lighting
6. Grid-tie and hybrid solar solutions
7. Solar wind hybrids

02 BACKGROUND AND DEVELOPMENT

Challenges and sensitivity of environmental consequences of convectional energy sources have led to exploration of alternative energy sources. In addition, PV production costs and have drastically gone down; available to everyone. This has increased the client portfolio seeking these options at various stages and for various uses.

Despite the various limitations/hindrances to fast adoption like percentage contribution cost in the BOS in complex solutions, the market is still growing steadily

03 INDUSTRY INFORMATION

Renewable energy is taking shape in the Kenyan market, which is characterized by emerging new players in the industry. The policies are also evolving with the government regulatory body streamlining the whole adoption.

The growth of solar energy source is exponential as opposed to other renewable sources. However, their installed capacity at the moment is quite insignificant, but future adoption ranks it as one of the best.

04 COMPANY NEWS

Eco Desh ,has managed to enter into agreements with key real co-operates to offer both domestic and commercial solar water heating.

New market segmentations has been identified and our product mix is intended to address the over increasing demand requirements within our client database. We look forward to take advantage of opportunities at hand.

05 MOVING FORWARD

We are part of the industry players going beyond the standard solution provision, and focus on addressing the ever changing demands within the sector. We welcome working together with future oriented partners in offering these solutions

OUR SERVICES

1. SOLAR STREET LIGHTING

Solar street lights are an emerging trend thanks to the technological advancement in the LED light sector. The LED technology proves to be over 20 times more efficient than the convectional incandescent lights, which means you save on energy bills.



Solar Street Lighting by Eco Desh Power at Zetech University

It is a comprehensive solution with state of the art components. We use polycrystalline solar modules giving 25 years warranty, LED light with over 2,500 lumen and 50,000 life cycles and high tolerance maintenance free batteries.

2. OFFICE AND RESIDENTIAL BACKUP SYSTEM



Power back up solutions is emergency power supply package that guarantees you of energy to power your loads during power outages and blackouts. Our KPLC grid power is highly depended on weather conditions and whenever there is a variation, we all experience black outs.this

3. SOLAR HYBRID SYSTEM

At Eco Desh Power Solutions Ltd, we bring on board the solutions that address the challenges currently faced in the remote location where utility grid is unavailable.

We offer the hybrid power systems which offer the benefits telecommunication industry need.



4. SOLAR MINIGRID SYSTEMS



Solar adoption for many years has experienced a number of challenges given its levelized cost of energy (LCOE).

However, this limitation has been addressed given the new grid tie solutions. We source our products from reliable partners like SMA and can therefore connect to sites already with KPLC utility. Grid tie systems offer a lot of opportunities in terms of energy saving.

5. SOLAR HOT WATER SYSTEMS

We offer both domestic and commercial hot water systems ranging from flat plates to heats pipes and vacuum tubes. Our systems have proven to be very reliable.

Recently, we ventured into commercial hot water systems that have proven to be key for commercial set ups in order to offset electricity bill in generating production process steams.



6. OFF GRID SOLUTIONS

Solar Power and Lighting

Eco Desh specializes in offering off-grid solutions in remote areas. In developing countries like Kenya, connection to the national grid has been the biggest challenge in the past and present. However with the maturity and economic viability of solar solution, it is now possible to provide clean energy to remote communities.

We offer both small scale and medium scale solutions for home steads and institutions within these localities domestic use in the range of watts to 15000watts system. Our modules have a linear degradation with warranties of 25 years from the date of purchase.



7. SOLAR PUMPING SOLUTIONS (AC&DC PUMPING)

Eco Desh provides both shallow well and deep bore-hole water pumping solutions with the following features:

- Reduced operating costs
- Reduced maintenance costs compared to Genset set up
- No batteries storage

We sell both helical Rotar and centrifugal pumps depending on the flow and head





MAJOR CLIENTS AND PROJECTS

1. Solar pv system installed in a Public primary school Laptop project under Rural Electrification Authority project (REA) to a tune of 200 public primary schools in off grid counties (Samburu,Turkana.Tana-River,Kajiado,Wajir.)
2. Government data center, power system maintenance of UPS-120KVA,80kva supporting server equipment for the government.
3. Installation of power back up system in a server room,UPS-15kva at Parliament Buildings Nairobi.
4. Solar water heating systems installation and Maintenance of a 15,000 liters capacity in Acacia hotels - Kisumu.
5. Solar street lighting in zetech University and in Kitui County Government markets(ikutha, Mutha, Muangeni, Kanziko, Ikanga).
6. Solar water heating Installation underway at Mount Kenya Safari Club at Nanyuki for the 12 cottages.
7. Solar pv maintenance at KCA -Kakuma -Turkana County.



OTHER SERVICES

- Electrical installations
- Electrical maintenance
- Complete solar solutions
- Fault finding
- Power factor correction
- Energy saving projects
- Complete generator solutions
- UPS and inverter installations
- Electrical supplies



OUR CUSTOMERS

Some of our satisfied customers include:

- BALDO CHILDRENS' HOME- NDARAGWA
- RURAL ELECTRIFICATION AUTHORITY-NAIROBI
- ZETECH UNIVERSITY-RUIRU
- KENYATTA UNIVERSITY -NAIROBI
- NATIONAL MUSEUM OF KENYA-NAIROBI
- JUJA PREPARATORY AND SENIOR SCHOOL- JUJA
- MAXLAND HOTEL- JUJA MALL
- KCAA-NAIROBI
- KITUI COUNTY GOVT
- NYEWASCO-NYERI
- MAASAI WILDERNESS CONSERVATION TRUST-LOITKOK
- STEAMLAN SOLUTIONS E.A. Itd
- 3RD PLANET SOLUTIONS
- MUMBERES DAIRY COOPERATIVE SOCIETY-ELDORET
- LAIKIPIA COUNTY GOVERNMENT - NANYUKI
- WINAS SACCO- EMBU
- MARUTI PLUMBERS- MOMBASA
- DEPARTMENT OF DEFENCE-NATIONAL DEFENCE COLLEGE
- DEPARTMENT OF DEFENCE-THIKA
- SUNTECH POWER LTD
- FINKEN HOLDINGS LTD
- KENYA SCHOOL OF GOVT-NAIROBI
- NATIONAL MUSEUM OF KENYA
- VISTA ENERGY LIMITED
- TOP RICH LTD

OUR CUSTOMERS



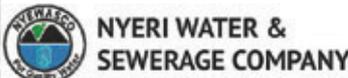
Rural Electrification Authority



efficiently managing air safety
Kenya Civil Aviation Authority



Maxland Hotel - Juja Mall



Department of Defence -
National Defence College



OUR SUPPLIERS



SMA Inverters



Hober Pump Inverter



Victron Energy



Venman SA



Must Power



Suntree Products



PURSUIT OF PERFECTION

Tbb Inverters



Powitt Solar Company