

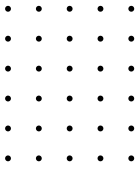



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# Company Profile

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## About Us



**Renerge Resources Ltd (RENERGE)** is a Kenya registered firm providing climate change mitigation solutions through clean energy provision to underserved communities and social institutions in an environmentally sustainable, socially responsive and economically viable model.

**RENERGE** focuses in the renewable and clean energy sectors including:

- **Liquid Petroleum Gas (LPG)**
- **Solar**
- **Mini Hydros**
- **Wind**

### **Expertise**

The company is led by a team of professionals with extensive knowledge and experience in:

- Bulk LPG storage facilities, Reticulation infrastructure design and installation for commercial and residential development, Sale of petroleum products;
- Automotive and Plant Fabrications, Automotive and Institutional Conversions for LPG use.

# Our Services

## 1. LPG Site Survey and Equipment Installation Services

**With a talented team of individuals who have technical capability and expertise, we offer to provide and install LPG infrastructures such as above-ground LPG storage tanks and a network of pipelines and cookers to enable to use of LPG for boiling and cooking.**

## 2. LP Gas Distribution and Logistics Services

**In collaboration with our transport logistics partners, we intend to set up inland mini-depots where we will be procuring bulk LP Gas for onward sale to LPG gas dealers, LPG refilling centers, institutional and other commercial consumers like hotels, lodges, hospitals, schools, and colleges in bulk through tank trucks (bobtails).**

## 3. LPG Re-filling Plant/Center

**In the medium term, we intend to set up a refilling center in our inland depots, where we purchase bulk LP Gas and refill to the cylinder market, selling to distributors and consumers.**

## 4. Cooking Gas Products and Accessories Stocking & Sales

**We offer for sale and installation LPGas products and accessories including tanks, burners, installation fittings and commercial cookers.**



# The Conversion Process Flow

## 1. Storage

LPG is stored in either 1-2 Ton Gas Bullet tanks or 50 kg Cylinders Bank depending on usage capacity, in a safe area. The storage system is designed by engineers in accordance to gas consumption and safety distances. The installations of storage system are fenced and locked to prevent unauthorized access and tampering.



## 2. Metering and Piping

LP Gas is supplied to the kitchen through piping network. Carbonsteel pipes are used for aboveground piping system and Polyethylene pipes (PE) for underground piping lines. A GPS enabled smart gas meter is installed to monitor the amount of gas used by customer at all times, and communicate the same to our control room for monitoring and invoicing purposes.





### 3. Gas Leak Detector System

As safety precaution, LPG leak detection units and automatic shut-off solenoid valves are installed so that proper action can be taken to prevent unexpected accident from happening in case of gas leakage



### 4. Kitchen Installation, Testing, Training & Commissioning

Once installation is completed, all personnel involved with handling the LPG must be trained on the operation of the entire system, including safety procedures. A Use and Safety manual that includes an Emergency Action Plan will be provided to each Institution.



## 5. Supply, Invoicing, Revenue generation

Technology is deployed to provide efficient processes, from Inventory management, to Re-order management, Invoicing management, and Operations management. On one end there is GSM Telemetry system interfacing between the smart meters and the company's ERP, while on the other end is a CRM that interfaces with the institutions as well as our delivery logistics system.



## 6. Monitoring, Evaluation, Safety Audits

The need for periodic inspection and maintenance of the appliance and the piping system must be emphasized to the consumer to ensure a safe and reliable use of LPG. A separate fee based Maintenance contract will be signed with the institutions.





# Conversion Benefits

## In Pictures







# Contact Us



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