

Food Security through Off-Grid Cold Storage Technology

Jackson, TN November 21, 2013 – **LeapEnergy**, a technology provider start-up attended the Off-Grid Energy Challenge award recognition at the Eko Hotel in Lagos, Nigeria for the innovation of an off-grid powered cold storage platform capable of preserving 45metric-ton/year of perishable products.

The Off-Grid Energy challenge is the initiative of global infrastructure giants, General Electric (GE) and the United States Africa Development Agency (USADF).

LeapEnergy received the recognition because it provided the off-grid powered cold storage platform for use to Trans-Africa Gas and Electric, a Nigeria energy company who competed in the 2013 USADF-GE Off-Grid Energy Challenge and received a grant award of \$100,000 on the basis of our innovation for implementation.

The technology components are: 8kW solar PV generator, energy storage system (ESS) with a hybrid eutectic phase change material and 19.8kWh battery banks. The productive use components include protocol of monetization of end-users utilization for the amount of produce they store on a pay-as-you go basis.

We are extremely proud of this work because access to sustainable cold storage is the key to food security in Africa, says Augustus Pela, the CEO of LeapEnergy. “We expect widespread adoption of this technology across many countries in Africa in the decades to come”.

The company will actively expand its operation in the Jackson area developing technology transfer and product for exports. LeapEnergy and Tennessee College of Applied Technology, Mckenzie have begun a cooperative work agreement to actualize this.

About LeapEnergy

LeapEnergy Investment and Trade LLC is an energy company that develops renewable power solutions on distributed generation (DG) platforms focusing on end-use grid-tied and off-grid applications. We want to do one thing well: harness and adopt critical technologies to leapfrog the status quo to achieve sustainable power solutions to end-users and utilities alike. We are carefully cultivating a culture that will attract people who share our commitment with uncompromising passion to accomplish our objective which in a nutshell is a company “where sustainability is propelled™”.

About USADF-GE Energy Challenge

The Off-Grid Energy challenge is the initiative of global infrastructure giants, General Electric (GE) and the United States Africa Development Agency (USADF). The initiative rides on the back of the Power Africa initiative announced by President Barack Obama during his recent visit to Africa. The Power Africa initiative seeks to drive growth in Africa by increasing access to reliable, affordable, and sustainable power and by helping to ensure responsible, transparent and effective management of energy resources on the continent.

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