



African Energy and DGridEnergy join forces to provide Solar Cool Cube Walk-in Cold Storage Systems Throughout Africa.

St. David, Arizona-August 25, 2022

AFRICAN ENERGY, INC, one of the first reliable distributors of renewable energy products to include solar, mini-grid and power back-up equipment across Africa. The company operates ten warehouse's/depots throughout, Tanzania, Sierra Leone, Zimbabwe, Zambia, Liberia, Uganda, Kenya, Cameroon, Burkina Faso and Nigeria.

DGRIDENERGY, LLC, a U.S. based company registered in Rwanda as DGridEnergy-Rwanda focuses on manufacturing off-grid solar-powered, modular and expandable walk-in freezers, refrigerators and chiller systems for storing temperature-sensitive products.

African Energy has a network of 600 partners comprised of solar installers and project developers that will be able to expand their offerings to include cold storage through DGridEnergy's Solar Cool Cube cold storage products. This will allow the African Energy supply chain to provide services within Africa for the design, installation and commissioning of Solar Cool Cubes systems locally and regionally. This will also create job opportunities locally and technical solutions for preventing post-harvest loss of

vegetables and fruits, while providing cold storage solutions for fisheries, dairy, flowers, meat, medicines and loved ones.

The lack of infrastructure and inadequate storage are main contributors to post-harvest losses in Sub-Saharan Africa, which is estimated to be at a value of US \$ 4 billion annually. This staggering figure would be enough to feed over 48 million people for one year. Losses of fruits, vegetables and root crops can reach up to 50%. This simple but effective method to reduce such post-harvest losses significantly, enable safe distribution of vaccines and other critical medical supplies throughout developing countries will increase food security, health, income and overall well-being of communities.

David Krummenacker, Managing Partner of African Energy commented: *“We are excited to announce our strategic partnership with DGridEnergy. Through the introduction of the Solar Cool Cube, and in collaboration with our wide network of solar partners across Sub-Saharan African, we will be providing turnkey cold storage solutions to communities most impacted by food and medical vaccine insecurity.”*

Eugene M. Faison, Jr. Founder.& CEO of DGridEnergy commented: *“This is a dynamic strategic partnership we have been seeking as our international and specially African business has grown. We can assemble our Solar Cool Cube products locally and procure our renewable energy requirements local and in the regions we work in. This eliminates cost of shipping from America or other supplier locations. It also provides a cadre of installers and project developers on the continent. This will create new job opportunities and economic power for these installers and project developers. “*

About African Energy

African Energy, founded in 2002 in the state of Arizona, USA is one of the first distributors of renewable energy equipment to Africa. The company operates warehouses/depots in 10 countries across the continent to meet the supply needs of Africa's leading solar companies. Through their network of more than 600 installers and project developers, the company provides industry-leading renewable energy solutions supported through full product warranty and service support. www.africanenergy.com

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About DGridEnergy

DGridEnergy is a USA based company whose products are deployed in Zambia, The Democratic Republic of the Congo, Tanzania, Rwanda and the United States. Its technology is used to cool and ripen bananas, chill milk and to prevent post-harvest loss of crops.

DGridEnergy Rwanda is addressing the issue of post-harvest loss of small holder farmers in Rwanda. Using the Solar Cool Cube technology, the company is working to provide cold chain solutions with Solar Cool Cube products such as the Solar Cool Cube walk-in refrigeration system, its solar milk chiller, solar ice maker, solar post-harvest lost wash station. Its products are modular, moveable, expandable, energy efficient, shipped flat and installed locally to create enterprise and employment for local men and women. www.dgridenergy.com

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