



MODERNIZATION SOLAR

Prospects of Liquid Cooling Energy Storage in Somalia





Overview

Why is energy so expensive in Somalia?

Over 95% of energy installations in Somalia use hydrocarbons, hindering the adoption of sustainable, renewable cold storage solutions. Energy can cost as much as \$1/Kwh. The agricultural sector suffers from up to 40% post-harvest losses, affecting productivity and contributing to high food prices.

Why is energy a problem in Somalia?

Somalia faces significant food insecurity, further worsened by the loss of perishable goods. Over 95% of energy installations in Somalia use hydrocarbons, hindering the adoption of sustainable, renewable cold storage solutions. Energy can cost as much as \$1/Kwh.

Why does Somalia need a cold & freezing storage facility?

The agricultural sector suffers from up to 40% post-harvest losses, affecting productivity and contributing to high food prices. SOMCOOL is revolutionizing the storage and preservation of perishable goods in Somalia with our innovative off-grid, solar-powered cold and freezing storage facilities.

What are the components of Mogadishu solar project?

The project will invest in the following: Component 1: Distributed Renewable Energy (DRE) with Solar PV(SPV) and Battery Energy Storage Systems (BESS) in the capital city of Mogadishu and other major load centers in the Federal Members States (FMS).



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