

Resilient Cold Storage for Puerto Rico

\$0 Upfront Customer Capital
Cold Storage Operator
Cidra, Puerto Rico | Installed 2021

Challenge

Increasingly frequent natural disasters threatened cold-chain reliability for one of only two cold storage operators in Puerto Rico.

The company required:

- Lower energy usage and superior temperature control
- Improved climate resiliency against natural disasters
- No up-front capital investment or added debt

Solution

Renew and its partner, Viking Cold Solutions, funded and built the system for the refrigeration operator.

- Serves a 147,000 sq. ft. hurricane-resistant cold and dry storage warehouse
- Energy Service Agreement (ESA) structure
- No capital budget or balance-sheet debt required



Technology



**Thermal Energy Storage
System**



**Hurricane-Resilient
Infrastructure**



**Cold Storage
Temperature Control**



**Energy Efficiency
Optimization**

Outcome

- No upfront capital investment
- Annual MT CO₂ reductions
- Energy and operational savings over the ESA term
- Enhanced resiliency to grid outages and natural disasters
- Improved building performance and profitability



RenewEnergy
PARTNERS

Powering What's Possible

Engineering + Capital for critical building infrastructure

>\$1 billion of C&I energy systems developed

Institutional capital for turnkey financing

100+ years of cumulative operating experience

Trusted infrastructure partner for world-class companies

