

INCREASE THE RETURN ON SOLAR

SOLAR POWER



THERMAL ENERGY STORAGE



THE ONLY ENVIRONMENTALLY-FRIENDLY SOLAR STORAGE SOLUTION

Thermal Energy Storage (TES) enables solar flexibility, so equipment can be run when it's most cost-effective. Our customers experience up to 95% overnight grid reduction and a host of other efficiency and facility benefits.

Viking Cold's proven TES system leverages phase change material to store energy in the form of cold for future use. It is engineered to freeze/thaw at the freezer's designated temperature setpoint. This allows the refrigeration equipment to be turned off for long periods of time, while maintaining stable temperatures.

Globally, cold storage facilities have the highest energy demand per cubic foot of ANY industrial category, and they are the third highest in overall consumption. This enormous demand and usage creates a huge opportunity to introduce solar as an on-site source of generation with thermal energy storage.

- \$32 Billion Global Electrical Spend in Cold Storage
- 2,000+ MW Addressable Load
- Storage "Behind the Meter"
- Overcome the "Duck Curve"
- 20% to 30% Reduced Energy Demand

CONTACT US

1.832.781.COLD (2653)
info@vikingcold.com
vikingcold.com

INNOVATIVE THERMAL ENERGY STORAGE.

