

Intelligent Long-Duration Thermal Energy Storage

Viking Cold Solutions™ is a thermal energy management company focused on making the world's cold storage systems more efficient, flexible, and sustainable while protecting food quality. Our long-duration Thermal Energy Storage (TES) Systems, with a levelized cost of energy (LCOE) less than 2 cents per kWh, have been installed inside frozen food production, storage, and distribution facilities around the world. Viking Cold's innovative application of environmentally-friendly Phase Change Materials (PCM) and cloud-based intelligent controls and monitoring combines energy storage with efficiency to enable flexible energy management and reduced energy costs.



See How TES Adds Efficiency & Flexibility to Refrigeration



Viking Cold Solutions enables companies to achieve up to a 35% or greater reduction in energy costs through efficiency and energy storage flexibility.

Thermal Energy Storage (TES) leverages phase change material to store energy in the form of cold for future use. It is engineered to freeze/thaw at specific temperatures, commonly used in frozen cold storage (-20°F to 32°F or -20°C to 0°C). This allows the refrigeration equipment to be turned off for long periods of time (up to 12 hours) while maintaining stable temperatures in the freezer.

Our TES system works well for new construction, retrofit, or refurbishment projects.

Viking Cold Solutions

United States

Viking Cold Solutions offers Thermal Cooling System energy storage systems using a proprietary phase change material that stores energy as ice.

Thermal Cooling Syst

Cold Storage

Energy Efficiency

7 AFFORDABLE AND
CLEAN ENERGY



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



11 SUSTAINABLE CITIES
AND COMMUNITIES

