

BALANCE THE GRID.

LONG-DURATION STORAGE FOR SHIFT + EFFICIENCY

WHY COLD STORAGE FACILITIES? THEY HAVE THE #1 HIGHEST DEMAND PER CUBIC FOOT AND #3 HIGHEST CONSUMPTION OF ANY INDUSTRIAL CATEGORY ON THE GRID.

Viking Cold's proven Thermal Energy Storage (TES) systems leverage phase change material to store energy in the form of cold for future use. This allows commercial and industrial refrigeration equipment to be safely cycled off while maintaining stable temperatures and safeguarding product. One 93,000 square foot facility in California with TES stores 350-500 kW and discharges for 13 hours per day (4.5 to 6.5 MWh), six days a week.

Viking Cold Solutions' customer-located TES systems could permanently shift 1,000's of megawatts of load across the US.

UTILITY & GRID BENEFITS

- Long-Duration Energy Storage
- Additional Capacity & Resiliency
- 20% to 30% Reduced Demand
- Behind-the-Meter Storage
- Address Renewable Variability
- 24/7 Remote Monitoring
- Engage Industrial Customers
- Utility Proven Technology
- LCOE < 2¢ per kWh

HOW MANY MEGAWATTS CAN WE STORE IN YOUR MARKET?

