US GAS & ENERGY

CLEANER ENERGY. LOWER COSTS. STRONGER PUTURES.

POWERING THE COLD CHAIN WITH SMARTER ENERGY

Integrated Solar Thermal Solutions for Cold Storage Facilities

LOWER COSTS | GREATER RELIABILITY | LOWER EMISSIONS | STRONGER RETURNS



Every Hour Your Warehouse Runs, Energy Costs Keep Climbing.

What if they didn't?

THE COLD CHAIN NEVER SLEEPS. NEITHER DO ENERGY COSTS.

Refrigeration is one of the highest energy loads in commercial real estate.

Traditional systems waste energy.

Our Integrated Solar Thermal Energy Platform captures it and puts it to work—multiple times.



ONE SOURCE. MULTIPLE BENEFITS. MAXIMUM SAVINGS.

ONE SYSTEM. MULTIPLE USES. MAXIMUM VALUE FROM EVERY BTU.

Our Integrated Solar Thermal Energy Platform captures solar energy and cascades it through multiple essential applications.

REDUCE REFRIGERATION LOAD
Solar thermal energy pre-cools absorption chillers and reduces compressor run time.

HOT WATER PRODUCTION
Meets all facility hot water needs—eliminating or reducing natural gas or electric resistance heating.

OFFICE COOLING (SUMMER)
Powers absorption chillers for comfortable, efficient cooling without high peak electricity demand.

SPACE HEATING (WINTER)
Delivers low-cost thermal energy for space heating and defrost processes.

POWER GENERATION
Remaining thermal energy can drive an ORC or Stirling generator to produce clean electricity.

THE BENEFITS

- Significant Energy Cost Reduction
- Greater Reliability & Resilience
- Lower Emissions & Environmental Impact
- Strong Financial Performance
- Operational Efficiency

Every BTU captured is engineered to create value multiple times before it leaves the system.

DELIVERING REAL RESULTS

40%–50%+
REDUCTION IN ENERGY COSTS

Lower electricity and fuel consumption through integrated thermal efficiency.

UNMATCHED RELIABILITY
Solar thermal energy is dependable, resilient and reduces exposure to grid volatility and outages.

LOWER EMISSIONS
Reduce CO_2 emissions by thousands of metric tons annually and meet your ESG and sustainability goals.

STRONG FINANCIAL RETURNS
Lower operating costs. Shorter payback. Higher net income. Greater business value.

BUILT FOR THE LONG HAUL
- Industrial-grade components
- Engineered for performance
- Minimal maintenance
- Your system works as hard as you do.

TAX CREDITS & FINANCIAL INCENTIVES

Maximize your return on investment.

Federal Investment Tax Credit (ITC)
Up to 30% credit on qualified solar thermal components.*

Accelerated Depreciation (MACRS)
Eligible systems may qualify for 5-year accelerated depreciation.*

Utility Rebates & Incentives
Many utilities offer rebates for energy efficiency, demand reduction and renewables.

State & Local Incentives
State tax credits, grants and property tax incentives vary by location.



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LET'S BUILD A SMARTER ENERGY FUTURE TOGETHER.

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855.BeGreen (855.234.7336)

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Results are illustrative and will vary based on facility design, operating conditions, energy prices and system configuration. A detailed site-specific analysis will be provided for each project.

*Subject to current law and project eligibility. Consult your tax advisor.