



ENRG Panel[®]

PRECISE TEMPERATURE CONTROL TO IMPROVE WHOLE-BUILDING ENERGY EFFICIENCY

Using BioPCM[®] Engineered Smart Material

Reduces Reliance on HVAC Equipment

Reduces HVAC Operating Costs

Reduces Peak-Demand

Reduces CO2 Emissions

Improve Building Comfort



Introducing the ENRG Panel®

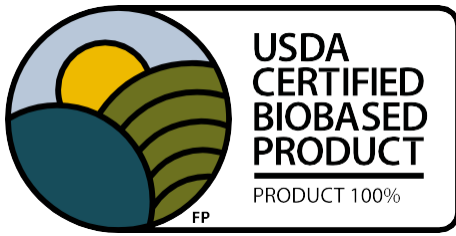
The ENRG Panel® is powered by our proprietary BioPCM® platform which absorbs and releases significant thermal energy maintaining a specific designed temperature.

Designed as a retrofit to existing interior walls and ceilings with 24" x 20" rugged BioPCM® panels that quickly snap in and out. The installation can be completed in as little as 2 hours and require zero maintenance. The transition point can be tuned to customer specification.



The ENRG Panel™ (above and right) is easy to install in the interior walls and ceilings of buildings, warehouses, and refrigerated containers.

Derived from environmentally friendly, naturally occurring, food grade substances



Phase Change Solutions earns USDA certified biobased product label with 100% biobased content.

This certification verified that **BioPCM® is composed of 100% biobased content.** Third-party verification for a product’s biobased content is administered through the USDA BioPreferred program

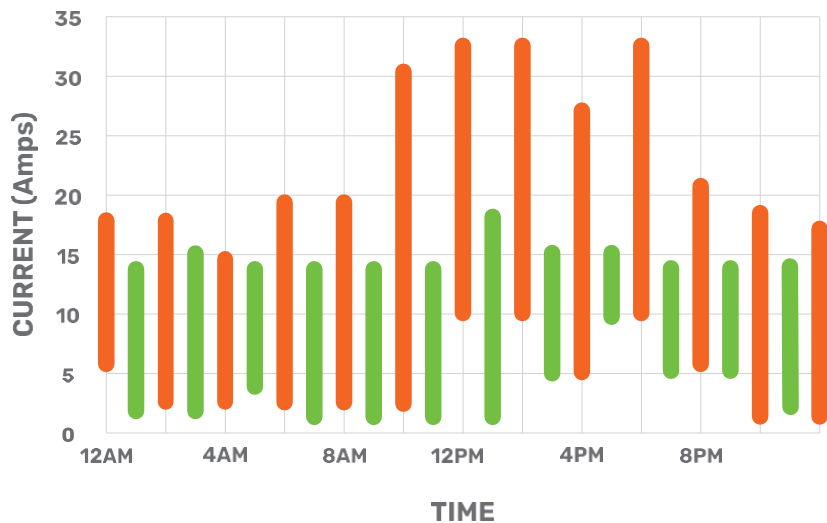
AGGREGATED RESULTS FROM THOUSANDS OF INSTALLATIONS Using ENRG Panel™ with BioPCM™

MEASUREMENT	VALUE
AVERAGE SQ. FT. PER SITE	200-400 SQ. FT.
AVERAGE KWH OFFSET	6,000-7,500
% OF HVAC ENERGY SAVINGS	20-30%
% TOTAL BUILDING SAVINGS	5-9%

Long life of performance, no degradation in melting temperature or thermal energy storage after thousands of freeze/melt cycles.

Cycle Profile At Cell Site

Before BioPCM Installation
After BioPCM Installation





Smart Materials for The People and Planet

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