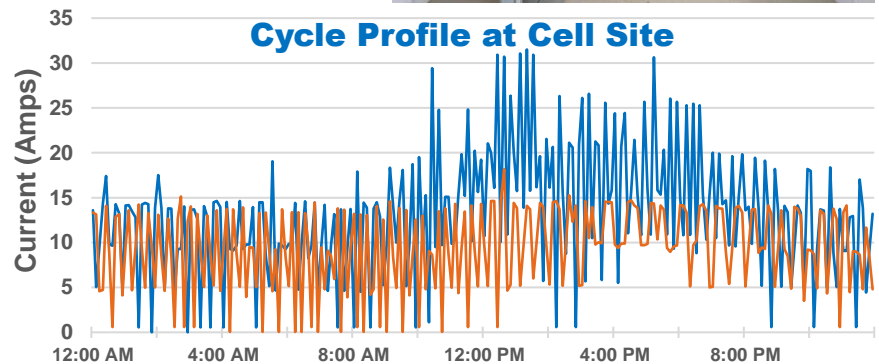
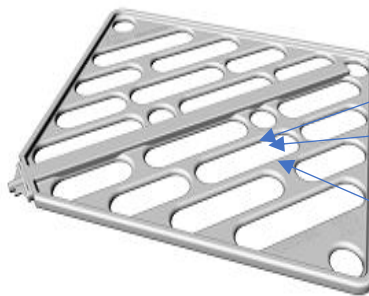


- Reduce reliance on HVAC equipment
- Reduce HVAC operating costs
- Reduce peak-demand
- Reduce CO2 emissions
- Improve building comfort
- Made from environmentally friendly, derived from naturally occurring, food grade substances
- Long life of performance, no degradation in melting temperature or thermal energy storage after thousands of freeze/melt cycles (100+ years)
- Small volume changes during phase transition

Aggregated results from thousands of installations

Measurement.....	Value
Average SqFt per site.....	200-400 SqFt
Average kWh offset.....	6,000-7,500
% of HVAC Energy Savings.....	20-30%
% Total building Savings.....	5-9%
Annual energy savings/site.....	\$900 - \$1,200



— Before BioPCM Installation — After BioPCM Installation

Designed as a retrofit to existing interior walls/ceiling 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.

Phase Change Energy Solutions is a global leader in the development and deployment of next generation energy efficiency and thermal storage solutions that harness the power of BioPCM®, the company's proprietary phase change material. Phase Change Energy Solution's BioPCM® products are used to improve whole-building energy efficiency in retail, commercial, hospitality and industrial applications; enable safe transport of sensitive food and pharmaceutical products; and provide enhanced thermal storage capabilities for industrial processes. Fortune 100 banking, telecom, hospitality and technology companies, as well as the U.S. government, have installed millions of square feet of BioPCM® products to reduce operating expenses and environmental impact.

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