

# Promethean Power Systems Installs 2.5 MWh of Thermal Energy Storage in India

*Increased orders from Indian dairies validate commercial necessity for refrigeration purposes*

**Somerville, Mass. and Pune, India – July 6, 2015** – Millions of small farmers combine to help India produce more milk than any country on the planet, yet much of that spoils before ever reaching market. To mitigate the risk of wasted milk and food safety concerns, [Promethean Power Systems](#), a manufacturer of thermal energy storage systems for refrigeration applications, has installed more than 2.5 MWh of distributed thermal energy storage in rural India with its latest village-level chilling system.

Many rural areas live with an electrical grid that is not available 24 hours a day, making milk refrigeration a rarity. In these conditions, refrigeration equipment requires a backup diesel generator, doubling the capital cost and tripling the operating cost. Due to the lack of proper refrigeration, a majority of India's milk spoils or finds its way into consumer products at such low quality that it becomes a food safety threat.

Promethean Power Systems solved this problem by developing an inexpensive and reliable thermal battery for providing grid backup. Promethean Power Systems' thermal battery stores thermal energy in the few hours when the grid is available and releases the energy when needed to provide cooling power.

"We recently received a new, large order from one of India's largest dairies that happens to be an existing customer. Repeat orders are important to us because it proves that our systems meet our customer's needs and demonstrates market adoption," said Sorin Grama, Promethean Power Systems' co-founder and principal inventor of Promethean's thermal battery. "We continue to receive new orders from additional dairies which is always encouraging, demonstrating the impact we're making throughout the country."

Promethean Power Systems manufactures a complete line of rural milk refrigeration systems based around its patent-pending thermal battery. The thermal battery was developed with funds from the National Science Foundation, The Lemelson Foundation and a number of individual and institutional investors. The Indian dairy industry is the first commercial application of the technology.

To learn more about Promethean Power Systems, please visit [www.promethean-power.com](http://www.promethean-power.com).

## **About Promethean Power Systems**

Promethean Power Systems is a privately-held technology company that develops and manufactures complete refrigeration systems for agricultural cold-chain in developing countries. The company is headquartered in Somerville, MA at Greentown Labs, the country's largest cleantech incubator, and manufactures the technology in Pune, India. For more information visit [www.promethean-power.com](http://www.promethean-power.com) or [connect with Promethean Power Systems on Twitter](#).

## **Media Contact**

Name: Sam White

Company: Promethean Power Systems

Phone: +1 (617) 512 8811

Email: [sam@promethean-power.com](mailto:sam@promethean-power.com)