



“At Walmart, our goal is to be supplied by 100 percent renewable energy. To do this, we are considering a number of emerging technologies, including Bloom Energy, to ensure they work for our business, help lower costs for our customers, and reduce our impact on the environment. We hope to use our scale to help bring these technologies to market in a fast and cost effective way.”

– Bill Simon, Chief Operating Officer, Walmart U.S.



Industry: Retail

Fortune 500 Rank (2009): 2

Established: 1962

Headquarters: Bentonville, AR

Web site

www.walmart.com

www.walmartstores.com

Bloom Installation

Lancaster, CA

December 2009

400kW

Hemet, CA

January 2010

400kW

Objective

Walmart was seeking an energy solution that could make a major contribution to their GHG targets while contributing to lower costs, and providing the potential to supply continuous power to stores even during critical grid outages

Walmart Seeks to Meet Energy Goals with Bloom Energy Server

Walmart views sustainability as an important opportunity for both the future of their business and our world. Accordingly, they have set a vision of supplying their operations with 100 percent renewable energy.

Why Bloom?

Walmart evaluates their energy vendors with the same rigor applied to all of their suppliers. Consequently, they were seeking a renewable energy solution that could not only make a major contribution to their sustainability targets and contribute to lower energy costs, but also have the long term potential to supply continuous power to stores, even during critical grid outages. A Bloom system powered by biogas could meet those requirements.

Implementation

Walmart has completed installation at two stores in southern California, each at 400kW, generating approximately 3.4 million kWh annually. Each of these sites has the potential to eliminate 1 million pounds of CO₂ annually when powered by biogas.

Bloom Energy

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