



Berken Energy, LLC

Company Overview: Berken Energy, LLC, teamed with Science Applications International Corporation (SAIC), will fast track its Reclaimed Thermovoltaic Systems to generate electricity from heat produced by the servers of computer data centers in the U.S. and around the world.

Problem: Recent studies conducted for Advanced Micro Devices report that the cost of electricity and support of IT infrastructure in large data centers now surpasses the capital cost of the IT equipment.

Solution: Using Berken's technology, dissipated heat from data center racks can be turned into electricity, enabling companies with large data centers to have a sustainable, in-house power source.

Business Model: SAIC will be Berken's initial channel to market for data center power generation. A prototype will be built to provide proof of concept. Once complete, SAIC will fund the development of a pilot project on a major client's facility in southern California. SAIC will then develop this market, purchasing the components from Berken.

Marketing Opportunity: The increasing requirement for processing power will continue to drive data center industry growth; a 2007 EPA report predicts data center energy consumption will reach 100 million kWh by 2011. Executive Order 13514 signed by President Obama October 6, 2009 requires that federal agencies take further steps to ensure that their IT purchases are energy efficient or otherwise environmentally friendly.

Competitive Advantage: Introducing Berken Energy's generators in this market is an industrial first. The alliance with SAIC enables us to quickly introduce our product into a strong, established market, concurrently creating a position as first to market, at a far lower cost than if attempting to develop a direct sales model. In addition, Berken's provisional patent will be expanded into a complete portfolio upon funding.

Management Team: Ken Newman has over 16 years of experience creating successful startup businesses, which have consistently grown from zero to over \$50 million in revenue. Bertram Amick earned an M.S. in electrical engineering, and has been in the vacuum industry for more than 12 years in a Fortune 100 company. Michael Johnson earned a B.S. in manufacturing engineering and holds several patents in the solar energy field. Ojo Frederick Adurodija has 6 years of process and product improvement with Heliovolt Corp. David Evans has 35 years production experience ranging from engineering and design to plant and environmental management.

Funding Request: Berken seeks \$11.8 million. These funds will be used to purchase equipment and build a prototype that SAIC will deploy at the facility of one of its major clients.



KEN NEWMAN

Investors: Private
Funding
Year Founded: 2007
Employees: 5

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In Attendance:
Ken Newman
Dave Evans

Revenue Forecast:
2010: \$ 3M
2011: \$ 27M
2012: \$ 60.88M
2013: \$ 77.41M
2014: \$ 93.94M