



Sunverge Energy Corporate Fact Sheet

HISTORY

Sunverge Energy was founded in 2009 in Stockton, California, by Dean Sanders and Ken Munson to create a UL-certified appliance that combines renewable energy storage batteries, power electronics and cloud-based management and analytical software to optimize the interface of distributed energy and the grid by enabling “smart” renewable power. That appliance – purchased by homeowners, businesses and major global utilities – is now known as the Sunverge Solar Integration System (SIS). With Sanders’ background in electrical transmission & distribution and Munson’s background in industrial manufacturing, the founders were among the first to recognize the fundamental importance of storage and management software to realizing the opportunities and dealing with the challenges distributed power would present for the grid.

Today, more than 450 Sunverge intelligent storage solutions are installed in the U.S., Canada, Australia and New Zealand, with an average uptime of more than 99 percent. Consumers, business owners and utilities use the Sunverge SIS to store renewable power for use when the sun isn’t shining or the wind blowing, bring down energy bills and enable utilities to automatically execute demand response programs and link multiple individual SIS into “Virtual Power Plants” to meet peak energy demand.

TIMELINE

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| Oct. 2009 | Sunverge Energy, Inc. was formed. |
| Oct. 2010 | First Sunverge SIS device installed in Sacramento, Calif. |
| Dec. 2010 | Filed First Patent: Solar Integrated System Enclosure Design Patent (Application No. 29/381,531; awarded Aug. 2014) |
| Jan. 2011 | Filed Second Patent: Systems, Apparatus & Methods of a Solar Energy Grid Integrated System with Energy Storage Appliance (Application No. 13/016,901; granted June 2013) |
| Dec. 2011 | Sunverge Energy completes its Series A financing. |
| Feb. 2013 | Filed First Software Patent: Distributed Energy Service Management System patent (Application no: 13/774,531; patent awarded June 2015) |
| Sept. 2013 | 100 th Sunverge SIS unit is installed in Auckland, New Zealand |

- June 2014 Sunverge Energy completes \$15M in Series B financing led by the **Southern Cross Renewable Energy Fund** and joined by the Venture Capital Unit of **Siemens** and **Total Energy Ventures International**.
- Dec. 2014 Sunverge Energy and **SunPower Corp** entered into an agreement to offer Sunverge's SIS system integrated with SunPower's solar power systems to residential and utility customers in the United States and Australia.
- Jan. 2015 Sunverge Energy has over 4.5 MWh of distributed storage under management and almost 3.5 million unit-hours of operating time in the field.

AWARDS & RECOGNITION

- Sunverge Energy wins City University of New York-sponsored competition for ideas that “will best achieve the goals of New York State’s ‘Reforming the Energy Vision’ initiative.” June 2015
- Sunverge Energy Named to *Greentech Media’s* 2015 “Grid Edge 20: The Top Companies Disrupting the US Electric Market” list
- *GigaOM* Names Sunverge Among “12 Energy Storage Startups to Watch in 2015”
- Sunverge named one of the “50 Most Promising Utilities Technologies” by *CIO Review* (2014)
- Cleantech Group selects Sunverge for “Global Cleantech 100” list of most promising private cleantech companies (2014)