

June 17, 2014
Keio University
Bloom Energy Japan Limited

Keio University Shonan Fujisawa Campus (SFC) Installs electricity generations system, Bloom Energy Servers

Keio University (Tokyo, Japan, President: Atsushi Seike) and Bloom Energy Japan Limited (Tokyo, Japan, Representative Director and CEO: Shigeki Miwa, hereafter “Bloom Energy Japan”) today announced the installation of the “Bloom Energy Server,” an innovative and clean electricity generation system, at the Keio University Shonan Fujisawa Campus Delta Building on June 17 in Fujisawa City, Kanagawa Prefecture. The Bloom Energy Servers installed at Keio University Shonan Fujisawa Campus can produce 200 kilowatts of power and provides over 90% of the Delta and Tau (next to Delta) buildings’ overall electricity needs.

The Bloom Energy Server is a breakthrough solid oxide fuel cell technology that generates clean electricity from multiple fuel sources such as city gas and biogas at over 60% all-electric efficiency*. Bloom’s technology utilizes heat generated internally to increase electricity production. This all-electric approach make Bloom Energy Servers easy to install and match the energy requirements of a wide range of facilities and buildings. Bloom Energy Servers have been installed in many locations that require uninterrupted power supply such as data centers, manufacturing operations, communications, and facilities with high energy loads including refrigeration and critical services in the U.S.A. Bloom’s flexible, modular technology can be tailored in size to each customer’s need.

*Initial performance.

Since it opened in 1990, the Shonan Fujisawa Campus of Keio University has focused on developing a cutting-edge computer science research environment. Delta Building, which is installing the Bloom Energy Server, is the most advanced research center on the campus and has many researchers working there. As the biggest risk for this center is a power outage, Keio was eager to implement energy redundancy by installing Bloom Energy Servers for the stable running of mission critical activities at this research center. Bloom Energy Servers can reduce more than 33% of carbon dioxide emissions at Delta and Tau Buildings, which is estimated to reduce overall emissions at the Shonan Fujisawa Campus by more than 5.5%. Keio University is considering the future utilization of direct current and is planning to develop advanced measures to reduce carbon dioxide emissions.

By selling electricity generated by the Bloom Energy Servers, Bloom Energy Japan will contribute to sustainable and stable energy provision and economic development in Japan.

About Bloom Energy Server at Keio University Shonan Fujisawa Campus:

Location	5322 Endo, Fujisawa City, Kanagawa Prefecture, Japan
Area	67 m ² (approx.) *including maintenance space
Power Capacity	200kW (approx.)
Rated Electric Efficiency	60%+ *
Size (Width x Height x depth) /Weight	9.1m x 2.1m x 2.6m / 19.9t (approx.)
Date of operation	June 17, 2014 (Tuesday)

*Initial performance.

Image of Bloom Energy Servers



About Bloom Energy:

The company was founded in 2001 with a mission to make clean, reliable energy affordable for everyone in the world. Bloom Energy Servers are currently producing power for many Fortune 500 companies including Google, Walmart, AT&T, eBay, and The Coca-Cola Company. The company is headquartered in the United States at Sunnyvale, California. For more information, visit www.bloomenergy.com.

About Bloom Energy Japan:

Bloom Energy Japan was created to provide a reliable electricity alternative that is at once safe, clean, affordable, and compact, and provides electricity 24/7. With the establishment of this Joint Venture, SoftBank adds distributed baseload power from Bloom Energy and further encourages the domestic use of clean energy complementing its existing portfolio of renewable energy sources such as solar and wind.

Name:	Bloom Energy Japan Limited
Capital Structure:	SB Power Management 50% Bloom Energy Corporation 50%
Business Description:	Provision and marketing of power generated by clean and reliable fuel cells. Equipment importation, installation and other related business activities.

Representative Director and CEO: Shigeki Miwa

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