

## **Osaka Prefectural Central Wholesale Market Installs**

### **Bloom Energy Server**

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 Osaka Prefectural Central Wholesale Market on March 9 in Ibaraki City, Osaka Prefecture. The Bloom Energy Server installed at Osaka Prefectural Central Wholesale Market can produce 1,200 kilowatts of power and provides 50% of the 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% efficiency\*. 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.

\*Initial performance.

This is the first Bloom Energy Server installation in the Kansai region, and also the first commercialized SOFC generating system over 1MW in Japan. To contribute to the disaster preparedness policy of Osaka Prefecture, Bloom Energy Japan will supply electricity generated by Bloom Energy Servers to the important facilities of the Osaka Prefectural Central Wholesale Market. Osaka Prefecture and Bloom Energy Japan will also report on resulting carbon dioxide emission reductions as advanced model cases.

#### **About Bloom Energy Server at Osaka Prefectural Central Wholesale Market:**

Location	1-1-1 Miyajima, Ibaraki city, Osaka Prefecture, Japan
Area	350 m <sup>2</sup> (approx.)* <sup>1</sup>
Power Capacity	1,200kW (approx.) 200kW × 6systems
Rated Electric Efficiency	60%+ * <sup>2</sup>
Size (Width x Height x depth) /Weight	9.1m x 2.1m x 2.6m / 19.9t (approx.) / system
Date of operation	March 9, 2015 (Monday)

\*1 Including maintenance space.

\*2 Initial performance.

#### **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](http://www.bloomenergy.com).

#### **About Bloom Energy Server:**

The Bloom Energy Server is a breakthrough solid oxide fuel cell technology generating clean, highly-efficient on-site power from multiple fuel sources. The technology has roots in the NASA Space Program and is fundamentally different from the legacy “hydrogen” fuel cells. The Bloom Energy Server has the ability to run on bio gas and town gas, provides unmatched efficiency in converting fuel to electricity and is easily deployed and maintained. Bloom’s flexible, modular technology can be tailored in size to each customer’s need.

**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 the 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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