

February 10, 2017
Bloom Energy Japan Limited

Porite Corporation installs Bloom Energy Server to power their factory

Bloom Energy Japan Limited ("Bloom Energy Japan") today announced it installed and started operating the "Bloom Energy Server," an innovative and clean electricity generation system, for Porite Corporation ("Porite") on January 24 in Kumagaya City, Saitama Prefecture. The Bloom Energy Server installed for Porite can produce 250 kilowatts of power and provides 60% of the buildings' overall electricity needs.

The Bloom Energy Server is a breakthrough solid oxide fuel cell technology that generates clean electricity at over 60% efficiency during initial performance. 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.

Porite Corporation installed the Bloom Energy Server for their facility called "Porite Kumagaya Second Factory". The deployment of Bloom Energy Servers has so far been limited to city gas pipeline areas. However, this installation marks the first case of a combination of solid oxide fuel cells operating with an LNG satellite^{*1} in Japan^{*2} and a Bloom Energy Server installation outside city gas pipeline areas.

^{*1} Facility that stores and gasifies liquefied natural gas (LNG) delivered from LNG terminal and supplies natural gas to equipment.

^{*2} Source: company research, as of January 2017.

Bloom Energy Japan supplies electricity generated by Bloom Energy Servers to the important facilities of "Porite Kumagaya Second Factory." Installation of highly efficient Bloom Energy Servers contributes to reduced carbon dioxide and air pollution emissions in the industrial sector.

About the Bloom Energy project at Porite Corporation:

Location	416 Kamiebukuro, Kumagaya City, Saitama Prefecture, Japan
Area	66 m ² (approx.) ^{*3}
Power Capacity	250kW (approx.)
Rated Electric Efficiency	60%+ (LHV) ^{*4}
Size (Width x Height x depth) / Weight	10.1m x 1.3m x 2.1m / 16.3t (approx.)
Date of operation	January 24, 2017 (Tuesday)

^{*3} Including maintenance space.

^{*4} 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 Apple, Google, Walmart, AT&T, eBay, and The Coca-Cola Company. The company is headquartered in the United States in Sunnyvale, California. For more information, visit 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. 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 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 group 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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