

## Installation of Bloom Energy Server at FUJITSU FRONTTECH Facility

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 Kumagaya Service Solution Center (“Kumagaya SSC”) of FUJITSU FRONTTECH LIMITED (“FUJITSU FRONTTECH”) on January 31, 2020 in Kumagaya City, Saitama Prefecture. The Bloom Energy Server installed for FUJITSU FRONTTECH Kumagaya SSC can produce 250 kilowatts of power and provides more than 50% of the building’s annual power consumption.

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.

The Bloom Energy Server installed in FUJITSU FRONTTECH Kumagaya SSC operates with natural gas provided by an LNG satellite\*1.

\*1 Facility that stores and gasifies liquefied natural gas (LNG) delivered from LNG terminals and supplies natural gas to equipment.

Bloom Energy Japan’s supplying of electricity generated by the Bloom Energy Server at FUJITSU FRONTTECH Kumagaya SSC contributes in securing stable and continuous power supply for their services to distributors and financial institutions and reducing carbon dioxide and air pollution emissions in the industrial sector.

### About the Bloom Energy project at FUJITSU FRONTTECH Kumagaya SSC

Location	1224 Nakanara, Kumagaya City, Saitama Prefecture, Japan
Area	92 m <sup>2</sup> (approx.)*2
Power capacity	250kW
Rated electric efficiency	60%+ (LHV) *3
Size (width x height x depth) / Weight	11.1m x 2.0m x 1.3m / 16.2t (approx.)
Date of operation	January 31, 2020 (Fri.)

\*2 Including maintenance space, warehouse and Electrical Cubicle space.

\*3 Initial performance.

## Image of the Bloom Energy Server at FUJITSU FRONTTECH Kumagaya SSC



### **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, the 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 & CEO: Shigeki Miwa

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