

June 29, 2020

Bloom Energy Japan Limited

## **Installation of Bloom Energy Server at New City Hall of Yokohama**

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 the new City Hall of Yokohama (Yokohama City Hall) on May 17th, 2020 in Yokohama City, Kanagawa Prefecture. The Bloom Energy Server installed at the new building of Yokohama City Hall can produce 200 kilowatts of power and provides about 10% of the building's annual power consumption. It is configured as a microgrid, which consistently provides power and continues supplying electricity in the event of a power outage.

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. This is the first Bloom Energy Server installation at a public administration building in Japan.

Bloom Energy Japan's supplying of electricity generated by the Bloom Energy Server at Yokohama City Hall contributes in securing stable and continuous power supply for Yokohama's administrative functions, while further promoting environmental sustainability by reducing carbon dioxide emissions, and ensuring the administrative continuity in emergencies.

### **About the Bloom Energy Server at Yokohama City Hall**

Location	6-50-10 Honmachi, Nakaku, Yokohama City, Kanagawa Prefecture, Japan
Area	76 m <sup>2</sup> (approx.)* <sup>1</sup>
Power capacity	200kW
Rated electric efficiency	60%+ (LHV) * <sup>2</sup>
Size (width x height x depth) / Weight	10.0m x 2.0m x 1.3m / 16.2t (approx.)
Date of operation	May 17, 2020 (Sun.)

\*<sup>1</sup> Including maintenance space, warehouse and Electrical Cubicle space.

\*<sup>2</sup> Initial performance.

## Image of the Bloom Energy Server at Yokohama City Hall



### 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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