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FOR IMMEDIATE RELEASE

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Mitsubishi Electric to Build Net Zero Energy Building Test Facility

Will contribute to comfortable buildings that achieve superior energy savings

TOKYO, January 30, 2019– [Mitsubishi Electric Corporation](#) (TOKYO: 6503) announced today that it plans to build a new test facility for its broad and integrated portfolio of technologies for net Zero Energy Buildings (ZEB) at its Information Technology R&D Center in Kamakura, Japan. The facility will accelerate the company’s development, evaluation and demonstration of ZEB technologies to meet the growing demand for buildings that combine comfort and superior energy savings. Mitsubishi Electric’s ZEB technologies are part of the company’s wide-ranging effort to help achieve the United Nation’s Sustainable Development Goals (SDGs). The new facility, which will cost approximately 3.6 billion yen, is scheduled to start operating in June 2020.



Rendering of ZEB Technology Test Facility

ZEBs maintain comfortable indoor conditions while considerably reducing annual energy consumption compared to conventional buildings by incorporating measures such as advanced heat insulation, solar shading, natural energy and high-efficiency equipment as well as on-site energy generation (photovoltaic power, etc.), as officially defined by the Ministry of Economy, Trade and Industry (METI). The new facility will examine all such systems, which generally enable ZEBs to generate all of their necessary primary energy to operate independently.

Mitsubishi Electric is helping to popularize ZEBs by providing planning and providing business-support services. The company registered with METI as an official ZEB planner in 2017. Going forward, Mitsubishi Electric aims to accelerate its development and application of ZEB technologies to contribute to higher energy savings and more comfortable living spaces. In addition, the company will contribute to more convenient office environments via its original ZEB+ concept.

ZEB Technology Test Facility

Location	5-1-1 Ofuna, Kamakura City, Kanagawa Prefecture, Japan (campus of Information Technology R&D Center, Mitsubishi Electric Corporation)
Building area	About 2,000 m ²
Floor area	About 6,000 m ²
Structure	Four-story steel-frame
Start of operation	June 2020
Investment	Approximately 3.6 billion yen (1.6 billion yen included for demonstration equipment)

ZEB+ is a registered trademark of Mitsubishi Electric Corporation.

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About Mitsubishi Electric Corporation

With nearly 100 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavors to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 4,444.4 billion yen (in accordance with IFRS; US\$ 41.9 billion*) in the fiscal year ended March 31, 2018. For more information visit:

www.MitsubishiElectric.com

*At an exchange rate of 106 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2018