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**FOR IMMEDIATE RELEASE**

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## **Mitsubishi Electric Finishes Construction of Superconducting-magnet Plant**

*Increased capacity expected to boost sales of superconducting magnets*

**TOKYO, March 13, 2017** – [Mitsubishi Electric Corporation](http://www.MitsubishiElectric.com) (TOKYO: 6503) announced that it has completed construction of a superconducting-magnet manufacturing plant at its Transmission and Distribution Systems Center in Ako, Hyogo Prefecture, Japan. The Ako plant will increase the company's capacity to produce superconducting magnets used in magnetic resonance imaging (MRI) machines, semiconductor-manufacturing equipment and other sophisticated apparatus. Operations will begin sequentially within the month. Mitsubishi Electric is projecting superconducting-magnet sales of nine billion yen by FY2021, up 70 percent from FY2017, supported by an increase in total production capacity by up to 60 percent.



Rendering of new superconducting-magnet plant



Superconducting magnet for MRI machine

With the demand for advanced medical services continuing to grow, Mitsubishi Electric expects the global market for MRIs to expand at an annual rate of 6 percent in the foreseeable future. The company aims to capitalize on this trend by expanding its superconducting-magnet capacity to respond promptly and fully to growing domestic and international demand.

The Ako plant, which initially will add 25 percent capacity on top of the company's existing plants, will introduce advanced production equipment including a newly designed coil-winding machine and advanced drying furnaces. Equipment to be added later will raise total capacity by as much as 60 percent from FY2017.

Extra-large air-conditioned and dustproof areas will provide ample clean environments that will be used to raise production quality further.

The production facilities and offices, previously dispersed among three buildings in the Transmission and Distribution Systems Center, will be integrated into one building for enhanced productivity.

**Outline of New Facility**

Location	651 Tenwa, Ako, Hyogo Prefecture, Japan
Building area	1,821.05 m <sup>2</sup> (total floor area: 1,917.30 m <sup>2</sup> )
Structure	Steel frame, 2 stories (2 <sup>nd</sup> floor offices only), air conditioned and dustproof areas
Purpose	Production, development and administration
Main products	- Superconducting magnets (for MRI machines, semiconductor manufacturing equipment, etc.) - Development models for high-temperature superconducting magnets
Operation	Begin late March 2017
Green measures	- Latest production equipment to reduce annual CO <sub>2</sub> emissions by about 59.5 tons compared with existing plants - LED lighting for all areas and motion-sensor light control - High-efficiency packaged air conditioners
Production- efficiency measures	- Newly developed coil-winding machine (partially automatized) - Digital displays for monitoring processes, etc.

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**About Mitsubishi Electric Corporation**

With over 90 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 4,394.3 billion yen (US\$ 38.8 billion\*) in the fiscal year ended March 31, 2016. For more information visit:

[www.MitsubishiElectric.com](http://www.MitsubishiElectric.com)

\*At an exchange rate of 113 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2016