

Mitsubishi Electric Issues Environmental Report 2012

Tokyo, July 2, 2012 – Mitsubishi Electric Corporation (TOKYO: 6503) announced today the immediate issuance of the Mitsubishi Electric Group's environmental report for fiscal 2012 ending March 31, 2012 at <http://www.MitsubishiElectric.com/company/environment>.

Since 1993, the Mitsubishi Electric Group has adopted a new environmental plan every three years to set medium-term targets and policies, and each year, the Group reports the results of its activities of the past year.

The report launched today outlines the operations of Mitsubishi Electric and its 114 domestic and 68 overseas affiliates and their efforts to contribute to low-carbon, recycling-oriented societies through group-wide environmental activities. A few examples are presented below.

CO2 emissions from manufacturing operations reduced to 933,000 tons (achieved target)

Group-wide CO2 emissions from manufacturing operations in the fiscal year ending March 2012 were reduced to 933,000 tons, surpassing the Group's target of 955,000 tons. This was due to improved productivity and installations of photovoltaic systems, real-time energy control and other power saving equipment.

The Group's Sixth Environmental Plan, covering FYs 2010-2012, emphasized installation and effective use of photovoltaic systems as well as more efficient cooling and lighting systems. It also focused on CO2 reductions through energy improvements in the production process, as well as real-time energy control of individual lines and equipment by using Mitsubishi Electric's energy measuring unit EcoMonitor and energy-saving data collection server EcoServer. As a result, the Group reduced a total of 106,000 tons in CO2 emissions over the three years, with 59,000 tons resulting from equipment upgrades and 47,000 tons resulting from improvements on production lines.

In the Mitsubishi Electric Group's Environmental Vision 2021, the Group has set a long-term target of reducing total CO2 emissions from manufacturing operations by 30 percent compared with the fiscal year ending March 1991.

In the current Seventh Environmental Plan, the Group aims to further reduce CO2 emissions by 121,000 tons by March 2015.

Amount of CO2 emissions and reductions from manufacturing operations (In kilo tons)

The 6th Environmental Plan FY2010 – FY2012			FY2010	FY2011	FY2012		
		Target	Results	Results	Results	Target	Results
CO2 emissions	Mitsubishi Electric	510	504	472	508	510	504
	Domestic affiliates	190	160	166	191	190	160
	Overseas affiliates	260	269	217	267	255	269
	Total	960	933	855	966	955	933
CO2 reductions [†] within the three year plan	Mitsubishi Electric	48	64	19	22	16	23
	Domestic affiliates	21	19	7	5	8	7
	Overseas affiliates	26	23	8	8	10	7
	Total	95	106	34	35	34	37

† Amount of CO2 reductions needed to achieve the targeted volume of CO2 emissions

CO2 emissions from 84 eco-products reduced 26 percent on average (achieved target)

In addition to efforts targeting the Group's production operations, Mitsubishi Electric is also working to reduce CO2 emissions generated by 84 of its wide range of products. In fiscal 2012, these 84 products averaged 26 percent fewer emissions compared to figures from the fiscal year ending in March 2001, exceeding the original target of 25 percent.

According to Mitsubishi Electric estimates, CO2 emissions from the end use of products are 40-50 times greater than the emissions generated in manufacturing these products. Considering that greener performance of such products could greatly contribute to low-carbon societies, the Mitsubishi Electric Group has set a target to reduce CO2 emissions from product usage by 30 percent in its Environmental Vision 2021.

In the current Seventh Environmental Plan, the Group aims to reduce the emissions generated by the 84 products a further percentage point.

Zero-emissions final waste disposal at all consolidated locations in Japan

In fiscal 2012, Mitsubishi Electric's unconsolidated final disposal volume, the amount of waste sent directly to landfill divided by the total amount of waste and saleable materials generated, was 82,000 tons, a final disposal rate of just 0.002 percent, far exceeding the initial target of under 0.1 percent. The company has now achieved zero emissions and a final disposal rate lower than 0.1 percent for eight consecutive years. In addition, the Japanese affiliates have achieved zero emissions for the second consecutive year with a final disposal volume of 60,000 tons and a rate of 0.02 percent.

In order to best utilize limited natural resources, each production site in Japan cooperates with other nearby sites, including those of affiliated companies, in waste management, reusing waste such as plastic, oil, batteries and wood. In fiscal 2012, Mitsubishi Electric succeeded in further promoting this recycling logistics initiative throughout the Kansai, Kyushu, Kanto and Chubu regions.

For overseas operations, it is important to make plans in line with the regulations or waste disposal conditions in each country or region. The fiscal 2012 final disposal volume for affiliates overseas was 58,000 tons, and its 1.6 percent rate beat the company's target of under 3 percent by a wide margin. This achievement was facilitated by the exchange of zero-emission case studies at regional affiliate meetings.

In the current Seventh Environmental Plan, the Group will continue its successful efforts and aim to achieve a final disposal rate lower than 0.1 percent at all consolidated locations worldwide.

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About Mitsubishi Electric

With over 90 years of experience in providing reliable, high-quality products to both corporate clients and general consumers all over the world, Mitsubishi Electric Corporation (TSE: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. Mitsubishi Electric Europe B.V is a wholly owned subsidiary of Mitsubishi Electric Corporation, helping European customers meet their business challenges through providing

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