

Press Release

March 31, 2020

Tokyo Global Headquarters Transitions to Zero Carbon Emissions Electricity

DMG MORI CO., LTD. (hereinafter called DMG MORI) will begin to use zero carbon emissions electricity in April 2020 at Tokyo Global Headquarters (hereinafter called Tokyo GHQ). We have switched the power supply company to ORIX Corporation (Headquarters: Minato-ku, Tokyo) to achieve zero carbon emissions from electricity use. DMG MORI has been working on various approaches to conserve limited resources and global environment: Photovoltaic systems were installed and the existing lights were replaced with long-life, low-power consumption LEDs at the three domestic operation bases (Iga Campus, Nara Campus and Tokyo GHQ). Furthermore, from September 2017 on, every machine is equipped with “GREENmode” as standard to reduce unnecessary standby power and shorten machining time by use of effective machining programs. Our cutting-edge operating system CELOS also contributes to cutting down on machine power consumption, visualizing the energy-saving effects on the screen.

At DMG MORI AKTIENGESSELLSCHAFT in Europe, energy consumption is managed in compliance with ISO 50001 at every production base in pursuit of higher energy efficiency and cost reduction. Their environmental approach is focusing on CO₂-neutral activities such as the lighting replacement with LEDs and purchase of electricity from renewable energy in an effort to achieve net-zero carbon emissions in 2020.

We estimate that Tokyo GHQ will be able to reduce approximately 385.8 tons of CO₂ emissions per year (2019 result) by switching the power supply company. The figure is equivalent to the amount of CO₂ that is absorbed by some 27,000 cedar trees in one year^{*1}. We also plan on transitioning to zero carbon emissions electricity at other operation bases in Japan.

As machine tools are in general used for more than 10 years, energy-saving effects have a long-term impact on the environment. DMG MORI group is committed to contributing to the society from the aspect of environmental conservation as well as striving to boost customers' productivity as one team.

^{*1} CO₂ absorbed by cedar trees: 14 kg/tree/year (Source: Ministry of the Environment/Forestry Agency)

<Outline of ORIX Corporation>

1. Company Name: ORIX Corporation
2. Establishment : April 1964
3. Representative : President and CEO Makoto Inoue
4. Headquarters : World Trade Center Bldg., 2-4-1 Hamamatsu-cho, Minato-ku, Tokyo
105-6135 Japan
5. Business : Diversified financial services
6. Website : <https://www.orix.co.jp/grp/>



Tokyo Global Headquarters



Tokyo Global Solution Center