

TAIYO YUDEN Converts 100% of the R&D Center's Electricity Use to Renewable Energy

Accelerating Efforts to Combat Climate Change and Revise GHG Emissions Reduction Targets Upward

TOKYO, May 10, 2022—TAIYO YUDEN CO., LTD. aims to convert all electricity used at its R&D Center (Takasaki City, Gunma Prefecture, Japan), its central base for research and development, to renewable energy.

Furthermore, we have revised upward our target for the GHG emissions reduction rate in the Group to 42% by FY2030 (absolute amount, compared to FY2020).

In recent years, countermeasures against climate change, such as abnormal weather caused by global warming, have become an important social issue. At TAIYO YUDEN, we have set a goal of reducing GHG emissions by 25% (absolute amount, compared to FY2020) by FY2030 in our Medium-term Management Plan 2025 formulated in FY2021. In order to achieve this goal, we are promoting efforts to reduce energy use through productivity improvements such as downsizing and higher efficiency of electronic components and yield improvement, as well as introduction of new equipment that contributes to energy conservation.

At COP26 (26th session of the Conference of the Parties of the UN Framework Convention on Climate Change), which was held in October 2021, a goal was set to limit the temperature increase from pre-industrial times to 1.5°C. In order to further accelerate our efforts to combat climate change, we have revised our Medium-term Management Plan 2025 and upwardly revised our GHG emission reduction rate target for FY2030 to 42%. As part of efforts to achieve the target, we will install solar power generation and storage batteries on the R&D Center premises to create energy, and switch to electricity derived from renewable energy sources to cover the shortfall, thereby converting all electricity used at the R&D Center to renewable energy starting from FY2024.

We will continue to develop electronic components that support the evolution of electronic devices toward substantial carbon neutrality by 2050, while promoting ESG initiatives to realize a sustainable society.

■R&D Center - Overview of Solar Power Generation

Scheduled start of operation	March 2024
Solar power output scale	Approx. 1,330 kW
Annual power generation (CO ₂ reduction effect)	Approx. 1,650,000 kWh (Approx. 750 t-CO ₂ e)
Mode of use	All in-house use