

**Otsuka Group Complete Introduction of CO₂-free Electricity
for All 23 Manufacturing Facilities in Japan
- Contributing to a more than 40% reduction in annual CO₂ emissions in Japan-**

Otsuka Holdings Co., Ltd. (Head office: Chiyoda-ku, Tokyo; President and Representative Director, CEO: Tatsuo Higuchi) has completed introduction of CO₂-free electricity at all manufacturing facilities of five subsidiary companies in Japan. Derived from renewable energy sources that do not produce CO₂ emissions, CO₂-free electricity*¹ has been introduced at domestic manufacturing facilities of Otsuka Pharmaceutical Co., Ltd., Otsuka Pharmaceutical Factory, Inc., Taiho Pharmaceutical Co., Ltd., Otsuka Chemical Co., Ltd., and Otsuka Foods Co., Ltd.

The Otsuka group of companies has identified climate change, resource recycling and conservation, and water conservation as important areas (material issues) for environmental initiatives. Regarding climate change, the goal of a 30% global reduction by 2030*² is the focus of proactive efforts to reduce CO₂ emissions. Adoption of CO₂-free electricity at manufacturing facilities, which tend to produce a higher volume of CO₂ emissions, began in July 2019. The recent adoption of CO₂-free electricity at the Taiho Pharmaceutical Inuyama manufacturing facility in Aichi Prefecture completes the introduction of CO₂-free electricity at all 23 manufacturing facilities of five Otsuka subsidiary companies in Japan.

In addition to CO₂-free electricity, proactive efforts to reduce CO₂ emissions include optimization of energy use through adoption of self-consuming solar power generation, cogeneration, and other fuel conversion systems*³. These combined efforts are predicted to result in a 41% reduction*⁴ in CO₂ emissions during FY2021.

Hereafter, proactive implementation of overseas initiatives is planned to ensure achievement of our global goals. The Otsuka group aims to rely on synergy generated by collaboration among group companies to contribute to a low-carbon, more sustainable society.



Otsuka Pharmaceutical Tokushima Itano Factory



Taiho Pharmaceutical Kitajima Plant

*1: Includes carbon-neutral electricity utilizing certificates equal to renewable energy that does not emit CO₂.

*2: Compared to group company 2017 levels; applies to CO₂ emissions in Japan and overseas.

*3: Systems that use fuels such as natural gas and LP gas to generate power via engines, turbines, fuel cells etc., recovering waste heat as part of the process. Recovered waste heat can be used in factories in the form of steam or hot water as heat sources, air conditioning, hot water supply, etc. The aim is zero-waste use of heat and electricity to achieve high-level comprehensive energy efficiency.

*4: Compared to 2017 figures for five group companies and all subsidiaries in Japan.

【Reference】 Otsuka Group Climate Change Initiatives

2019 July	Adoption of CO ₂ -free electricity at Otsuka Pharmaceutical Co., Ltd., Otsuka Pharmaceutical Factory, Inc., Taiho Pharmaceutical Co., Ltd., Otsuka Chemical Co., Ltd., and Otsuka Foods Co., Ltd. manufacturing and research facilities in Tokushima Prefecture and the Otsuka Pharmaceutical Co., Ltd. Fukuroi Factory in Shizuoka Prefecture. (Full adoption at all three Otsuka Chemical manufacturing facilities)
November	Adoption of CO ₂ -free electricity at Otsuka Foods manufacturing facility in Shiga Prefecture
2020 January	Five Otsuka Group companies obtain Green Power Certificates
February	Introduction of cogeneration system at Otsuka Pharmaceutical Factory manufacturing facility in Toyama Prefecture
April	Adoption of CO ₂ -free electricity Otsuka Pharmaceutical manufacturing facilities in Gunma and Saga Prefectures (Full adoption at all eight Otsuka Pharmaceutical manufacturing facilities)
July	Adoption of CO ₂ -free electricity at Otsuka Pharmaceutical Factory and Otsuka Foods manufacturing facilities in Kushiro, Hokkaido
September	Adoption of carbon-neutral electricity at Taiho Pharmaceutical Tsukuba Area drug discovery site in Ibaraki Prefecture
September	Introduction of self-consuming solar power generation system at Otsuka Pharmaceutical Factory manufacturing facility in Kushiro, Hokkaido
2021 January	Adoption of carbon-neutral electricity at Taiho Pharmaceutical Saitama Site manufacturing and research facility in Saitama Prefecture
March	Adoption of CO ₂ -free electricity at Otsuka Foods Gunma Factory (Full adoption at all four Otsuka Foods manufacturing facilities)
May	Adoption of CO ₂ -free electricity at Otsuka Pharmaceutical Factory manufacturing facility in Toyama Prefecture (Full adoption at all four Otsuka Pharmaceutical Factory manufacturing facilities)
June	Adoption of carbon-neutral electricity at Taiho Pharmaceutical Inuyama manufacturing facility in Aichi Prefecture (Full adoption at all four Taiho Pharmaceutical manufacturing facilities)