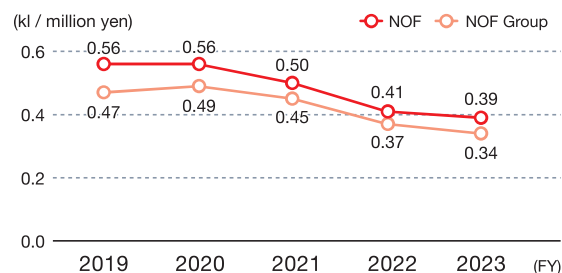




Energy-saving initiatives

The crude oil equivalent of energy consumption by the NOF Group in fiscal 2023 was 75,061 kl, down 6.5% from fiscal 2022. The crude oil equivalent of energy consumption per sales was 0.34 kl/ million yen, down 8.4% from fiscal 2022. We have been working on energy-saving activities such as process improvement and steam usage reduction through replacement of steam traps. In addition, we assess that the growth in net sales has had an impact on the improvement of crude oil equivalent of energy consumption per sales.

Changes in energy intensity related to sales



Renewable energy measures (domestic)

As for the NOF Group's initiatives in the area of renewable energy, solar power generation facilities were installed in the Kawasaki Works in 2018 and NiGK Corporation in November 2020 to use renewable energy to provide part of the electricity used in production activities in an effort to realize a low carbon society.

Track record of solar power introduction

Kawasaki Works

$10.4\text{kW} \times 4.5\text{H} \times 365 = 17\text{MWh/year}$

NiGK Corporation

$12\text{kW} \times 4.5\text{H} \times 365 = 20\text{MWh/year}$

Company housing in the Kansai area

$10\text{kW} \times 4.5\text{H} \times 365 = 16\text{MWh/year}$

DDS Aichi (Plan)

$83\text{ MW for manufacturing building} + 11\text{ MW for quality assurance building} = 94\text{MWh/year}$

Initiatives to reduce CO₂ through the use of biomass fuels

PT. NOF MAS CHEMICAL INDUSTRIES, which is located in Indonesia where palm oil is produced, is working to reduce CO₂ emissions by utilizing palm kernel shells (PKS), a biomass fuel which is usually left as waste after oil extraction, as fuel for its boilers.



Biomass fuel (palm kernel shells)



Biomass-fueled boiler