



Initiatives for Environmental Impact Reduction

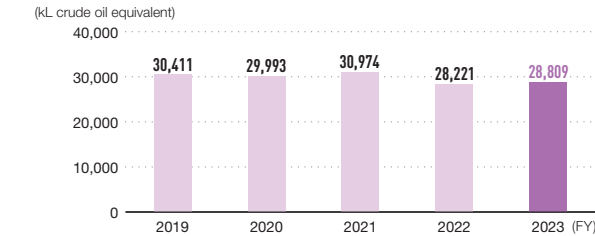
In light of the world's increasingly serious environmental problems and the promotion of sustainability management, we will continue to engage in energy-saving activities, the effective use of resources, and activities to reduce emissions of environmentally hazardous substances.

Environmental Conservation

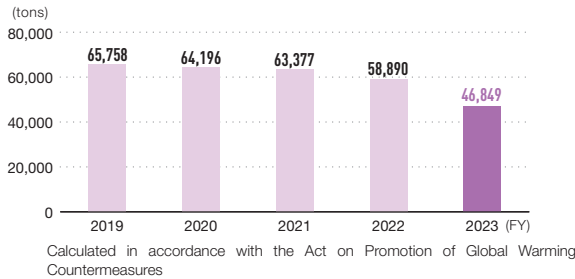
Energy-Saving Initiatives

In FY2023, we were able to maintain operation rates in our production activities while engaging in energy-saving activities, and our energy consumption remained flat compared to the previous year. We were also able to greatly reduce our CO₂ emissions through the use of renewable energy. Going forward, we will maintain our efforts to realize a decarbonized society by continuing to diligently engage in energy-saving efforts, such as conducting self-inspections of energy-using equipment, conducting self-audits, and proposing energy-saving measures.

Energy Usage



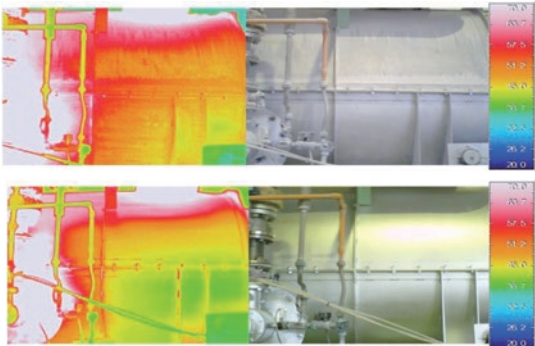
CO₂ Emissions



Energy Conservation Activities at Fukushima No.1 Factory

Energy Conservation Activities Through the Maintenance and Management of Facilities (Fukushima No. 1 Factory)

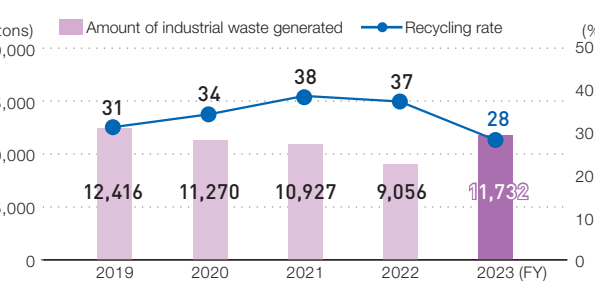
The main energy sources used at our Fukushima No. 1 Factory are electricity, liquefied petroleum gas, and city gas. To promote energy conservation, we are introducing energy-saving equipment such as LEDs, inverters, and drain traps. Another effort of ours has been the application of thermal barrier coatings to control heat dissipation from the surfaces of furnaces. We have confirmed that after coating application, heat dissipation has been suppressed, contributing to energy conservation, and 12 units have had coatings applied so far. Thermal barrier coatings also suppress the radiation of heat out into the rest of a factory, making it an effective way of keeping factories cooler, as well. Going forward, we will continue to use a variety of methods to promote energy conservation.



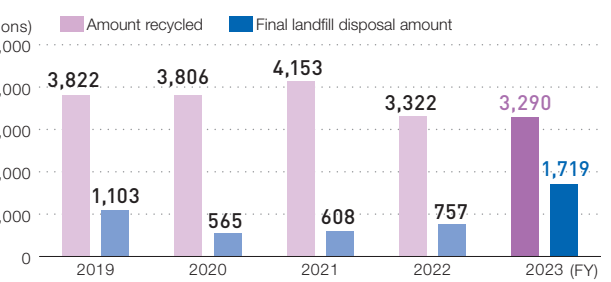
Industrial Waste Reduction

We will strive to reduce the amount of industrial waste generated and ensure that waste is disposed of properly.

Amount of Waste Generated and Effective Utilization Rate



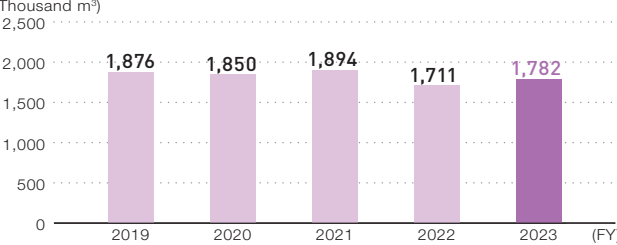
Amount of Waste Recycled and Final Landfill Disposal Amount



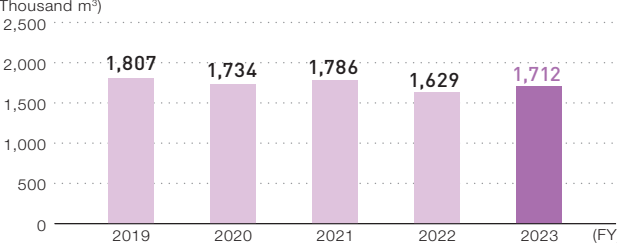
Water Security

In our manufacturing processes at each location, we use a large amount of freshwater for steam, cooling, and cleaning purposes, and we believe that we need to give consideration to our impact on water sources and surrounding environments. To this end, we promote the reduction and efficient use of water consumption through such means as building circulation systems to reduce our water intake and reminding employees to conserve water.

Water Usage



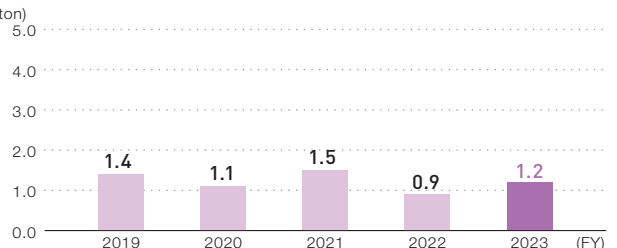
Water Discharge



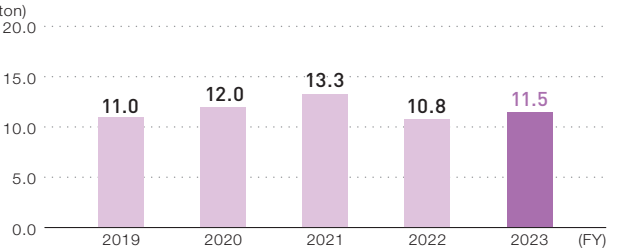
Reduction of Air Pollutant Emissions

Our regular monitoring confirms that we are in compliance with regulations as well as values agreed upon with local authorities. Although there were fluctuations depending on operating conditions, our emissions were on an overall slight upward trend.

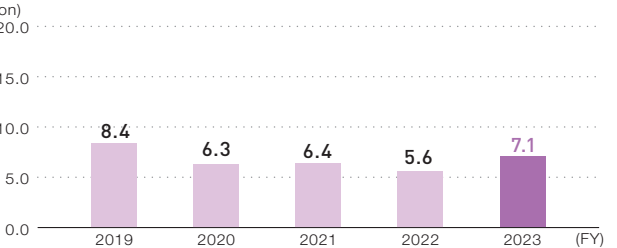
SOx Emissions



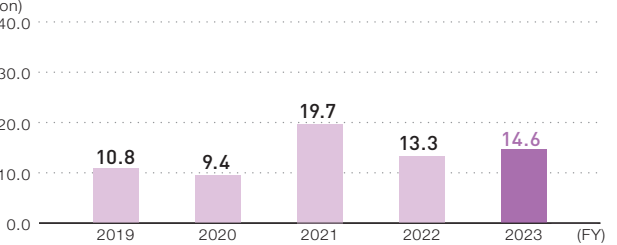
NOx Emissions



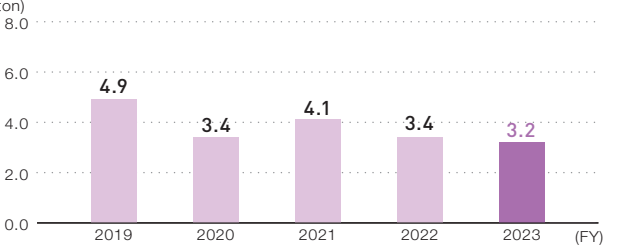
Chemical Oxygen Demand Emissions



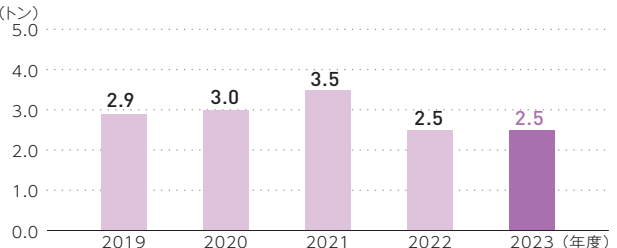
Total Nitrogen Emissions



Total Phosphorous Emissions



Particulate Matter Emissions



Reduction of Chemical Emissions

The table below shows our emissions of substances subject to reporting under the Act on the Assessment of Releases of Specified Chemical Substances in the Environment and the Promotion of Management Improvement (PRTR system).

Emissions of PRTR Substances

Emissions (tons)	2019	2020	2021	2022	2023
Atmosphere	6.3	6.0	5.7	4.2	1.7
Water bodies	0.1	0.1	0.1	0.1	0.1
Total	6.4	6.1	5.7	4.3	1.8