

Energy Management Plan

Management policies and objectives

Our company actively promotes various energy reduction measures, strengthens energy management, and strives for a low-carbon net-zero goal. By selecting equipment with high energy efficiency and energy-saving design, businesses and products can reduce energy consumption and expand the use of renewable energy to optimize energy efficiency. Under various energy management measures, electricity consumption in 2024 decreased by 6,467 kWh compared to the previous year. Electricity consumption in 2024 was 6,491,777 kWh, a decrease of 11% compared to 7,256,651 kWh in 2020.

Based on the electricity consumption in 2025, the Company plans to set electricity consumption reduction targets of 3%, 5% and 7% for the short term (1-3 years), medium term (4-5 years) and long term (6-8 years), respectively, to reduce electricity consumption and promote energy-saving measures.

Energy-saving measures

Our company promotes various energy-saving measures:

1. Turn off lights during lunch breaks and energy-saving measures for office air conditioning host.
2. Regular maintenance of air conditioners.
3. Energy-saving settings for office machines.
4. Continuously promote energy-saving concepts and reminder slogans.
5. Promote energy conservation policies
6. Purchase electrical equipment with energy-saving labels.
7. Office lighting, gradually replacing with LED higher with higher energy efficiency

Use of renewable energy

Our company has a vision of net-zero low carbon emissions and aims to use more than 2% renewable energy by 2030. In addition, in order to improve the efficiency of renewable energy use year by year, the company actively sets up renewable energy power generation equipment and purchases green electricity, and builds a self-generated and self-consumed solar power plant supply plan in the idle roof space of the factory buildings. In 2024, the amount of green electricity generated and purchased was 1,248,738.2 kWh and 1,131,578.2 kWh respectively. As of now, the amount of green electricity generated in 2025 is 970,618.2 kWh, and 884,998.2 kWh of green electricity has been purchased through green electricity subscription. In addition, the plant also recycles heat from air compressors for use as hot water in employee dormitories, among other energy reuse measures. In the future, the plant will actively seek other more economical and diversified renewable energy sources to enhance the use of renewable energy.