



Energy Management Policy

Catcher follows the ISO 50001 Energy Management standards to implement comprehensive energy management and reduction initiatives. The Company actively advances a wide range of energy- saving programs aimed at lowering both overall and product-specific energy consumption, while steadily increasing the adoption of renewable energy to further enhance efficiency.



▲ ISO 50001
(valid from 2024 to 2027)



Low-Carbon
Transition

Optimize the Company's energy portfolio by expanding the use of clean energy sources and continuously reducing greenhouse gas emissions.



Energy
Conservation

Strengthen energy management through technically feasible, economically viable, and environmentally and socially responsible practices. These include reducing consumption, minimizing losses and pollutant emissions, eliminating waste, and ensuring efficient energy use throughout the entire production and consumption process.



Innovation and
Efficiency

Drive the adoption of clean energy, introduce high-efficiency and energy-saving equipment, simplify intermediate processes, optimize production flows, and improve resource utilization to support sustainable growth.



Green
Manufacturing

Foster the development of a green manufacturing system by advancing green product design, strengthening green supply chain management, and promoting the establishment of green factories.





Energy Management Plans and Energy-Saving Measures

Achieved total annual electricity savings of approximately **540 million kWh**.

Cumulative renewable energy generation reached **498 million kWh**.

Consumed **34 million kWh** of green electricity.


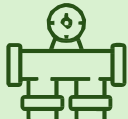


Implemented energy-saving initiatives resulting in **3.67 million kWh** in savings.

Reduced unit product energy consumption by **20.27%**.

1. Green Energy Investment and Energy-Saving Measures

The Group actively advances renewable energy adoption and energy efficiency through the installation of renewable energy generation equipment, procurement of green electricity, and implementation of diverse energy-saving initiatives. In 2024, total annual electricity savings amounted to approximately 540 million kWh.

- (1) Catcher continued its participation in the Clean Energy Fund, with cumulative investments reaching approximately USD 70 million (an increase of US\$10.82 million in January of this year) to support the development of the green energy industry. Renewable energy generation for the year totaled 498 million kWh.
- (2) The Group installed self-use solar power systems on factory rooftops and expanded solar generation facilities at major operating sites, producing about 34 million kWh of green electricity annually.
- (3) By optimizing power usage efficiency through the adoption of energy-saving equipment, variable frequency devices, and waste heat recovery systems, the Group achieved annual savings of at least 3.67 million kWh.
- (4) Planned measures include detecting pipeline leakage with imaging devices, replacing aging air compressors, upgrading cooling towers and cooling water pumps, and introducing variable frequency control for chilled water pumps. These efforts are expected to deliver additional savings of over 1.61 million kWh.

Energy-Saving Measures	Annual Energy-Saving Results
 <p>Process and Utility Equipment</p>	<ul style="list-style-type: none"> ● Frequency conversion operation of 23 washing towers: 46,656 kWh saved ● Relocation of refrigerated dryers: 43,200 kWh saved
 <p>Air Compressor System</p>	<ul style="list-style-type: none"> ● Pipeline leakage repairs: 123,006 kWh saved ● Implementation of group control systems for synchronized multi-unit operation, improving compression efficiency and optimizing usage: 242,550 kWh saved ● Relocation of first-class energy-efficient air compressors: 367,860 kWh saved
 <p>Chilled Water and Cooling Systems for Air Conditioning</p>	<ul style="list-style-type: none"> ● Optimized chilled water temperature control: 1,534,907 kWh saved ● Replacement of one central air conditioning chiller: 158,256 kWh saved
 <p>Lighting Systems</p>	<ul style="list-style-type: none"> ● Replacement of existing tubes with lower-power LED tubes: 52,320 kWh saved ● Installation of solar-powered streetlights, garden lights, and carport lights: 1,104,142 kWh saved