

The Management of Energy Consumption

The company recognizes the importance of reducing energy consumption and maximizing energy efficiency while raising awareness among stakeholders about energy conservation. To achieve sustainable energy management, the company has implemented a variety of measures and initiatives.

Goals

1. Reduce fuel consumption per vehicle by 5% within 3 years (2025–2027).
2. Transition to at least 5 electric vehicles (EVs) for company operations within 3 years (2025–2027).
3. Reduce electricity consumption in factories, offices, and branches by 10% within 3 years (2025–2027).
4. Reduce vehicle maintenance costs by 5% within 3 years (2025–2027).
5. Reduce paper usage (Paperless) within the organization by 20% within 3 years (2026–2028).

Strategies

1. Promote energy conservation awareness among employees.
2. Utilize electricity generated from solar rooftop systems to reduce costs and greenhouse gas emissions.
3. Study and adopt new energy-saving technologies to enhance operational efficiency.

Key Performance

In 2025, the company's total fuel consumption was 1,194,419.53 a reduction from 1,205,840.02 in 2024 — a decrease of 11,420.49 This reflects improved energy management efficiency across operations.

Additionally, the company installed a solar rooftop system at its headquarters to generate clean electricity for internal use. This initiative supports the use of renewable energy, reduces dependence on external electricity sources, and aligns with the company's environmentally friendly business approach.

In 2025, the company also introduced two electric vehicles (EVs) to replace fuel-powered cars. This transition helps reduce fossil fuel consumption and greenhouse gas emissions from transportation activities. The initiative supports the company's commitment to clean energy and sustainable business development.

The company also promotes resource conservation through campaigns such as reducing paper usage, posting reminders to turn off lights when not in use, and encouraging water conservation. These actions support the company’s environmental and sustainability policies and promote responsible resource use.

Supporting Sustainable Development Goals (SDGs)



Affordable and Clean Energy



Responsible Consumption and Production



Climate Action

Management Approach

Enhancing Energy Efficiency in Vending Machines

The company is committed to becoming a leader in promoting the use of energy-efficient vending machines. Currently, it is an authorized distributor of TCN, one of China’s largest vending machine manufacturers, known for its expertise in design, development, and production of high-quality, durable, and energy-saving machines.

The company continues to source new models from leading international brands. These vending machines feature advanced energy-saving technologies, particularly in their high-efficiency cooling systems. The compressors used consume significantly less energy compared to conventional refrigerators or other vending machines, making them a key innovation in energy conservation.

Reducing Energy Use in Transportation

The company recognizes that transportation activities—such as product distribution and vending machine delivery or maintenance—consume significant amounts of fuel. To address this, the company has developed a smart system for vending machines that enables real-time data transmission on sales and product loading. This system improves warehouse and logistics management efficiency.

Additionally, the company encourages the reuse of spare parts across branches to minimize the need to transport vending machines back to the factory for repairs, thereby reducing fuel consumption and energy use in logistics.

Energy Efficiency in Office Buildings

The company sees opportunities to reduce energy consumption through various energy-saving initiatives. These include replacing fluorescent lights with LED lighting, scheduling lights to be turned off during lunch breaks, and adopting high-efficiency technologies such as automatic air-conditioning control systems and solar-powered lighting systems.

In the future, the company plans to expand its solar power installations to further reduce electricity consumption and achieve long-term energy sustainability.

Increasing the Use of Renewable Energy

To promote clean and renewable energy, the company has installed solar power systems at its factory and headquarters. It also plans to expand solar installations to all branches to further support the transition to sustainable energy sources.

Relevant Stakeholders

1. Employees and Management

- Play a key role in energy use within the organization, such as operating office equipment, lighting, and air conditioning.
- Participate in energy-saving initiatives and adopt energy-efficient behaviors.

2. Shareholders and Investors

- Are interested in energy cost management, which affects profitability and business sustainability.
- Emphasize energy management as part of the company's ESG framework.

3. Customers, Consumers, and Business Partners

- Expect the company to operate in an environmentally responsible manner and use energy efficiently.