

## Energy Conservation

Energy is a significant cost driver for business operations and industrial processes. However, energy consumption contributes to climate change through greenhouse gas (GHG) emissions, a key global concern. In response, the United Nations Sustainable Development Goals (SDGs) notably SDG 7 (Affordable and Clean Energy) and SDG 13 (Climate Action)—provide a framework to mitigate the impacts of energy use and reduce GHG emissions.

The Company recognizes the importance of energy conservation as an integral part of its operations. Accordingly, it has established internal guidelines to promote energy efficiency among employees, ensuring consistent practices across the organization. This approach aims to enhance employee participation, reduce operating costs, and support national energy conservation policies.

### Energy Conservation Policy

The Company shall implement and continuously improve an appropriate energy management system, integrating energy conservation into its operations in compliance with applicable laws and other relevant requirements.

1. The Company continually improves the efficiency of the organization’s energy resource utilization and is well suited to its business, technology used and good practice.

2. The Company establishes energy conservation plans and goals each year with appropriate energy reduction and communicates them to all employees to understand and act correctly.

3. The Company regards energy conservation as the responsibility of the owners, executives and employees at all levels who cooperate in complying with the established standards, monitor and report to the Energy Management Working Group.

4. The Company will provide the necessary support, including human resources, budget, working hours, training, and participation in providing ideas to improve energy work.

5. The Executives and Energy Management Working Groups have annually reviewed and updated energy policies, goals, and plans.

### Targets for 2025

Targets	Indicators
Control electricity consumption ratio per unit of product	Shall not exceed 0.71 KWh/m <sup>3</sup> (distributed tap water)

### Long Term Targets

Targets	Indicators
Control electricity consumption ratio per unit of product	Shall not exceed 0.71 KWh/m <sup>3</sup> (distributed tap water)

## Performance Results for 2025

Targets	Results
Electricity consumption ratio per unit of product	0.554 KWh/m <sup>3</sup> (distributed tap water)

## Significant changes and developments in the review of policies and practices on Energy Conservation over the past year

In 2025, the Company implemented an energy management program to demonstrate its commitment to energy conservation. The program established targets and measures to optimize energy consumption, including:

1. Preventive maintenance of split-type air conditioning systems
2. Replacement of fluorescent lighting with LED lighting

### Solar Cell System

The Company has installed Solar Cell Systems with the objective of reducing electricity consumption and greenhouse gas (GHG) emissions from its operations. In 2024, related financial information includes capital investment costs, electricity generation from the Solar Cell Systems, positive financial impacts from energy savings, and reductions in GHG emissions.

#### 1. Floating Solar Cell Project

At Bang Pa-in Industrial Estate, a floating solar power system has been installed at the wastewater retention pond. The system comprises an 80 kW floating solar photovoltaic (PV) installation, designed to reduce electricity costs for the wastewater treatment system. Based on preliminary assessment, the project is expected to reduce energy consumption by more than 10%, equivalent to approximately 115,200 kWh per year, or THB 587,520 per year (at THB 5.10 per kWh).

#### 2. Rooftop Solar Cell Project

At Bang Pa-in Industrial Estate, a rooftop solar power system has been installed on the clear water tank. The system consists of a 150 kW solar PV installation, aimed at reducing electricity costs for the water supply production system. The project is expected to reduce electricity consumption by an average of 12.7% per day, equivalent to approximately 248,832 kWh per year, or THB 1,045,094 per year (at THB 4.20 per kWh). The installation of additional rooftop solar systems for the water supply production facility at Bang Pa-in Industrial Estate is planned to continue in 2024.



## Energy Conservation Performance Results

### 1. Electrical Power

Electrical Power	Unit	2023	2024	2025	Results compared to 2024 (Percent)
Electricity Consumption	GWh	168.36	175.89	171.29	-2.62%
Electricity Consumption Intensity (per Unit of Product)	KWh/m <sup>3</sup>	0.605	0.584	0.554	-5.14%

**Note:** The Company submits an annual electricity consumption report to the Department of Alternative Energy Development and Efficiency. However, the reported electricity consumption has not yet been verified by an external third party (Third-Party Assurance).

### 2. Solar Cell System

Solar Rooftop	Unit	2021	2022	2023	2024	2025	Results compared to 2024 (Percent)
Electricity from Solar Cell System	kWh	4,235,331	4,387,643	4,638,578	4,543,074	4,618,705	+1.66%
Reduce gas emissions Greenhouse	tCO <sub>2</sub> eq	2,117	2,158	2,320	2,272	2,194	-3.43%