

Power Conservation Rate by Plant

All plant sites comply with the laws of the Bureau of Energy, Ministry of Economic Affairs. As a major energy user that Taiwan Power Company has signed a contract with to supply at least 800 kW of power, the Company reports annual energy performance and improvement plans in accordance with Article 9 of the Energy Administration Act. The Company has set goals to achieve an "annual power conservation rate" or "average annual power conservation rate" of more than 1%. The Zhongli Plant 2 and Kaohsiung Benzhou Plant have appointed dedicated energy management officers to enforce energy conservation plans and achieve an average annual power conservation rate of more than 1%.

Plant/Year	Power conservation rate 2022 (%)	Power conservation rate 2023 (%)	Power conservation rate 2024 (%)	Average power conservation rate 2015 - 2024 (%)
Zhongli Plant 1	0.17	6.08	0.76	2.33
Zhongli Plant 2	3.03	1.42	0.54	1.68
Kaohsiung Plant	3.05	6.19	8.18	4.32

6.4.2 GHG management

Since 2021, Kaori has been implementing the ISO 14064-1:2018 greenhouse gas inventory standard. For the third consecutive year, Kaori has passed third-party inspection and verification with a 100% achievement rate. Furthermore, the subsidiary in Ningbo, China, completed its inventory and verification process in 2024, following the same procedures as the parent company.

- 2024 greenhouse gas inventory operation status

The inventory is conducted in accordance with the ISO 14064-1:2018 Greenhouse Gas Inventory Standard. The boundary scope covers all factories and subsidiaries in Taiwan, with a total of six sites. The internal verification was completed from April 23 to April 25, 2025, and the external verification will be completed in the third quarter of the same year. Driven by the internal Carbon Management Committee, preliminary calculations based on collected data show that total Scope 1 and Scope 2 emissions in 2024 amounted to 7,163.4911 tCO₂e, representing a 15.14% reduction in carbon intensity compared to 2023.

Unit: tCO₂e

Category\Year	2022		2023		2024 (Note)	
Scope 1 (A)	292.4936	1.10%	271.0538	0.95%	265.9905	1.49%
Scope 2 (B)	7,275.9728	27.32%	8,851.4510	31.12%	6,897.5006	38.57%
Scope 3	19,059.0917	71.58%	19,319.4109	67.93%	10,718.3007	59.94%
Total volume	26,627.5581	100.0%	28,441.9157	100%	17,881.7918	100%
Annual revenue (D)	2,684		4,326		4,003	
Greenhouse Gas Emission Intensity (A+ B) / D	2.82		2.11		1.79	

Restatement of Greenhouse Gas Information

The Company has restated previously disclosed greenhouse gas emissions data for 2022 and 2023. The primary reason for this restatement is that the verification process for each year was completed in the third quarter, requiring adjustments based on the final verification results. The restated data for 2022 and 2023 have been revised in accordance with the latest methodologies and standards, such as the GHG Protocol and ISO 14064-1. The updated information has been simultaneously incorporated into relevant reports and internal management systems to ensure data accuracy and consistency.

Note: 1. In accordance with ISO 14064-1:2018, the internal verification of the 2024 greenhouse gas inventory was completed from April 23 to April 25, 2025. Third-party external verification is scheduled for the third quarter. Unit of measurement (D) is defined as revenue (NTD million) in the current year.

2. Inventory Boundary: 2022: Headquarters and Zhongli Plant 3, Zhongli Plant 1, Zhongli Plant 2, Kaohsiung Main Plant

2023 and 2024: Headquarters and Zhongli Plant 3, Zhongli Plant 1, Zhongli Plant 2, Kaohsiung Main Plant, Ziqiang Plant, Kaori Technology (Ningbo) Co., Ltd. (a group subsidiary)

3. Annual Revenue: 2022: Standalone revenue of NTD 2,684 million. 2023: Consolidated revenue of NTD 4,326 million. 2024: Consolidated revenue of NTD 4,003 million.



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Sustainable
Environment

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