



TA-YUAN COGENERATION CORP.

INVESTOR CONFERENCE

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Disclaimer

- TA-YUAN COGENERATION CORP. (the “Company”) does not release any financial forecast. However, the description involving the Company’s opinions on its future operation and industrial development in respect of the company’s finance, business and Q&A made in this presentation could be different from the future actual results because of known and unknown risks and uncertainties.
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1. Company Profile



Company basic information

TA-YUAN COGENERATION CORP.

- ◆ Chairman : Chang Shih Yang (Substitute)
- ◆ Date of establishment : August 1993
- ◆ Date of TPEX listing : May 2001 (code:8931)
- ◆ Capital : NT\$1.22 billion
- ◆ Main business : Steam and Electricity Co-generation 、
Industrial Waste Disposing



Development track

In August, 1993

- The Company was founded

In July, 1996

- The coal-fired Extraction/Condensing Cogeneration System began put into official commercial operation

In June, 2000

- The fuel oil-fired power generation units began put into commercial operation

In March, 2015

- The renewable energy plant began put into official commercial operation

In January, 2021

- Premixed Combustion Cogeneration System began put into official commercial operation

In June, 2022

- Gas generating sets began put into official commercial operation

In November , 2022

- SRF manufacturing process began put into official commercial operation.



Future overview



In 2024 Q2

- The construction of SRF reception and feeding system will be completed.



2024

- Premixed Combustion Cogeneration System will use 100% renewable fuel.

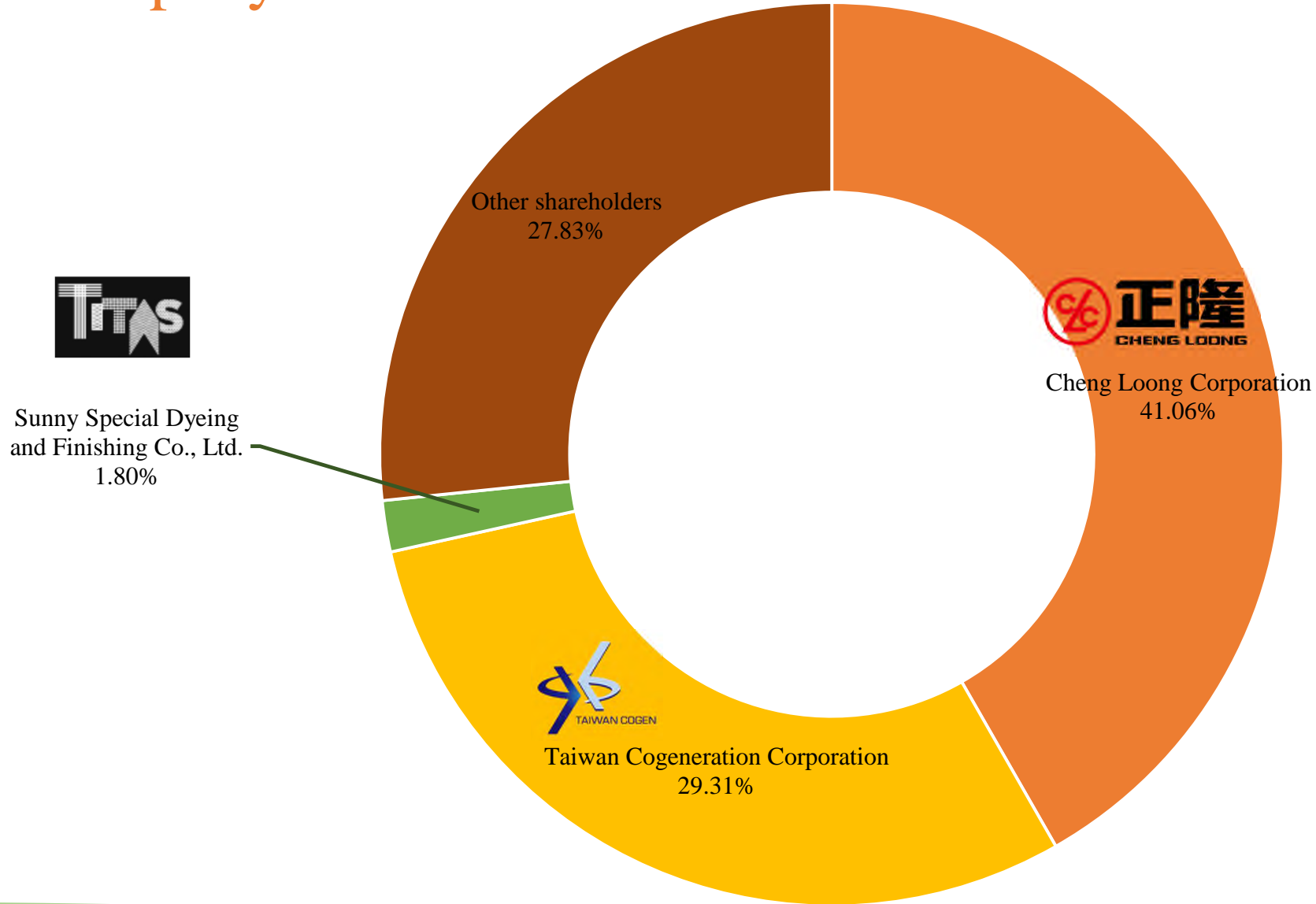


2025

- Put the Gas Turbine Cogeneration System into commercial operation.
- Decommissioning of the coal-fired Extraction/Condensing Cogeneration System.



The Company's shareholders



As of April 18, 2023



2. Financial Summary



Consolidated Income Statement

Thousands of New Taiwan Dollars

	2023	%	2022	%	2023vs 2022	
					Diff	%
OPERATING REVENUE	2,717,008	100	2,861,008	100	(144,000)	(5)
OPERATING COSTS	(2,180,099)	(80)	(2,258,982)	(79)	78,883	(3)
GROSS PROFIT	536,909	20	602,026	21	(65,117)	(11)
OPERATING EXPENSES	(168,267)	(6)	(165,051)	(6)	(3,216)	2
PROFIT FROM OPERATIONS	368,642	14	436,975	15	(68,333)	(16)
NON-OPERATING INCOME AND EXPENSES	(15,990)	(1)	5,047	0	(21,037)	(417)
PROFIT BEFORE INCOME TAX	352,652	13	442,022	15	(89,370)	(20)
INCOME TAX EXPENSE	(69,312)	(3)	(73,953)	(3)	4,641	(6)
NET PROFIT	283,340	10	368,069	13	(84,729)	(23)
OTHER COMPREHENSIVE INCOME (LOSS)	16,536	1	(51,506)	(2)	68,042	(132)
TOTAL COMPREHENSIVE INCOME	299,876	11	316,563	11	(16,687)	(5)
EPS	2.32		3.01			

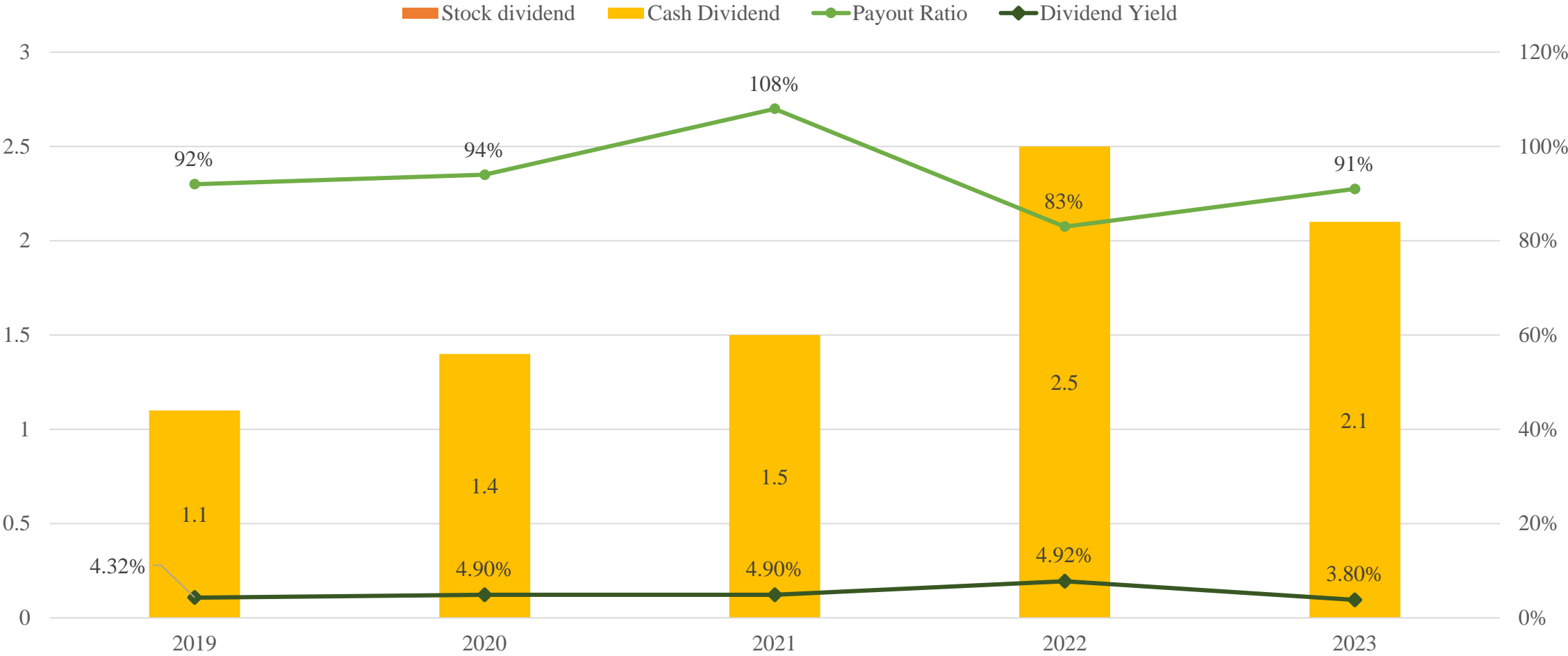


Financial structure and Profitability

Analysis Item		2023	2022	2021
Financial structure	Debt ratio (%)	52.47	51.13	53.71
	Ratio of long-term capital to property, plant and equipment (%)	124.67	122.22	144.44
Profitability	Asset return ratio (%)	6.84	8.77	4.20
	Return on shareholders' equity (%)	13.03	17.44	8.45
	Ratio of profit from operations to paid-in capital (%)	30.15	35.74	18.76
	Ratio of net profit before tax to paid-in capital (%)	28.85	36.16	17.38
	Net profit ratio (%)	10.43	12.87	8.53
	EPS	2.32	3.01	1.39



Dividend



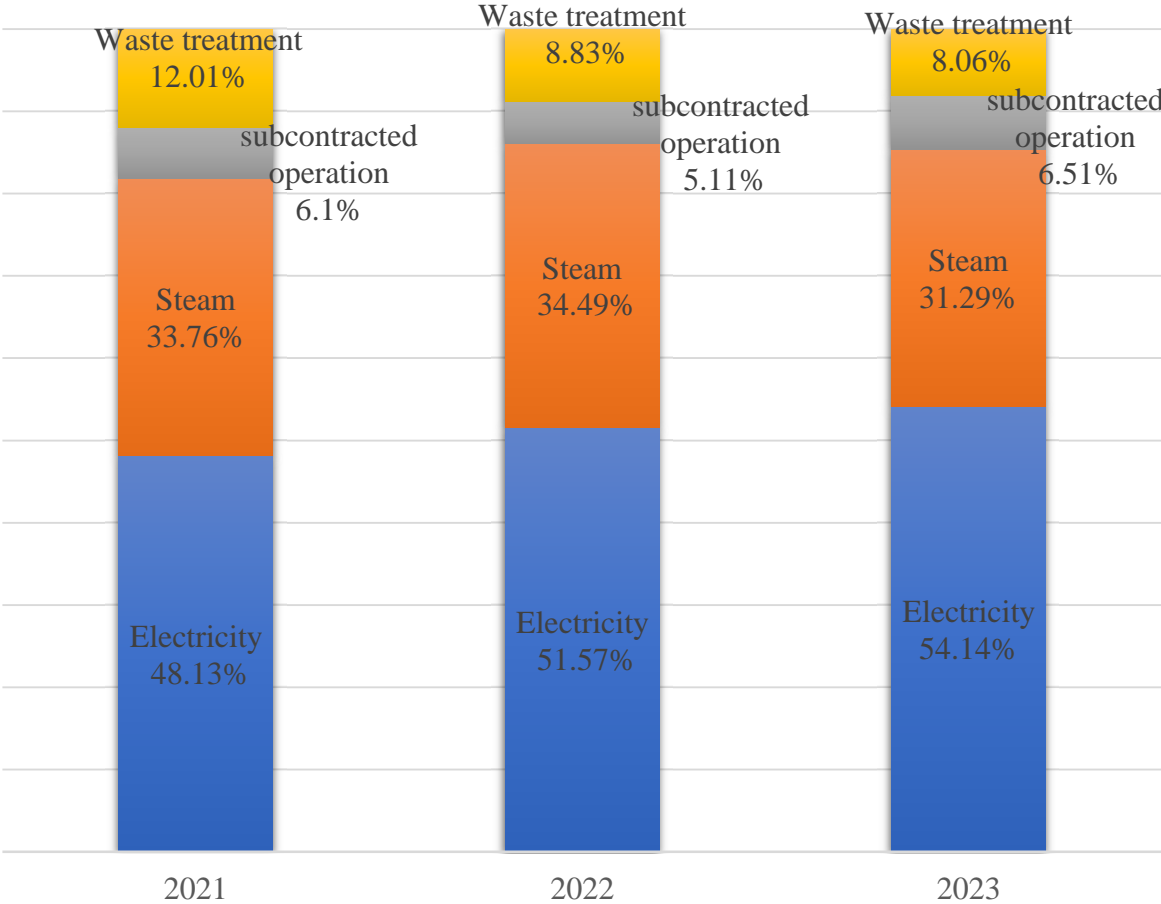
Note: The appropriation of earnings for 2022 was approved by the board of directors on March 5, but has not been approved by the shareholders' meeting.

3. Business Operation Overview

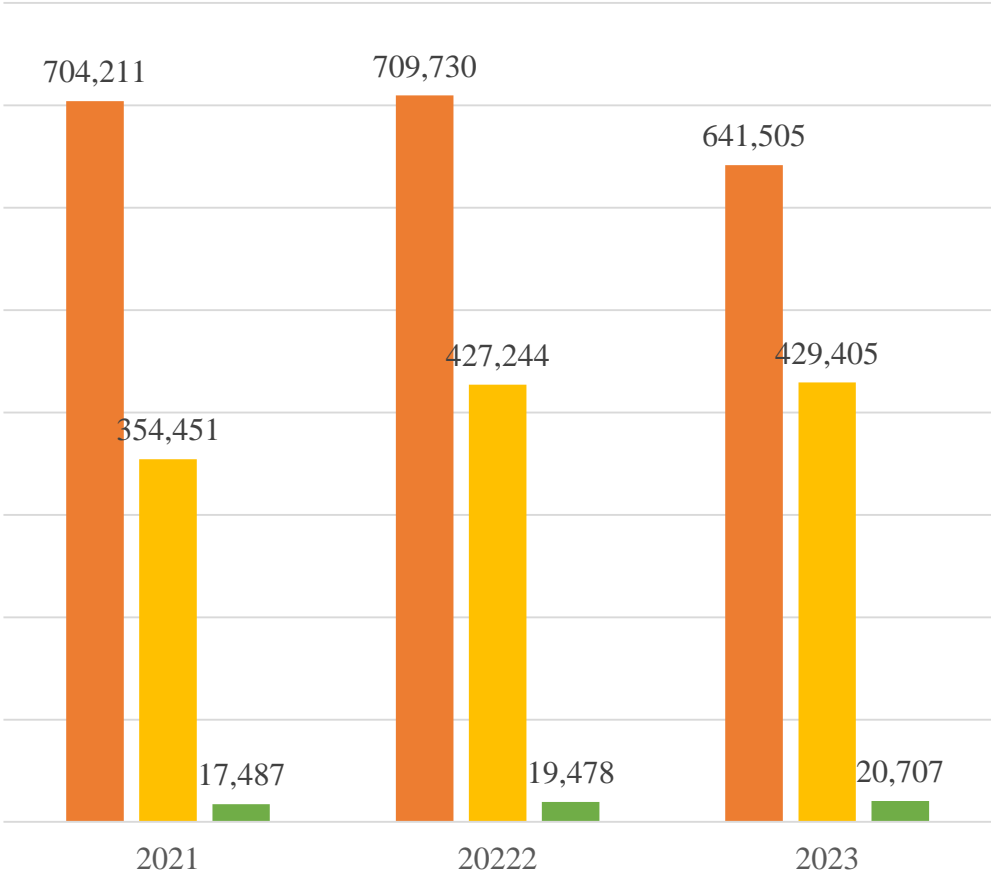


Percentage of sale and sale volume

Percentage of Sale(%)



Sales Volume



■ Steam (tons) ■ Electricity (thousand kWh) ■ Waste Disposing(tons)



Market Share

Unit: MW

Capacity share of cogeneration market installations	2021	2022	2023
Domestic cogeneration system	6,536	6,522	6,501
The Company	82	82	82
Market Share	1.25%	1.26%	1.26%

Source: Bureau of Energy, Ministry of Economic Affairs and the Company

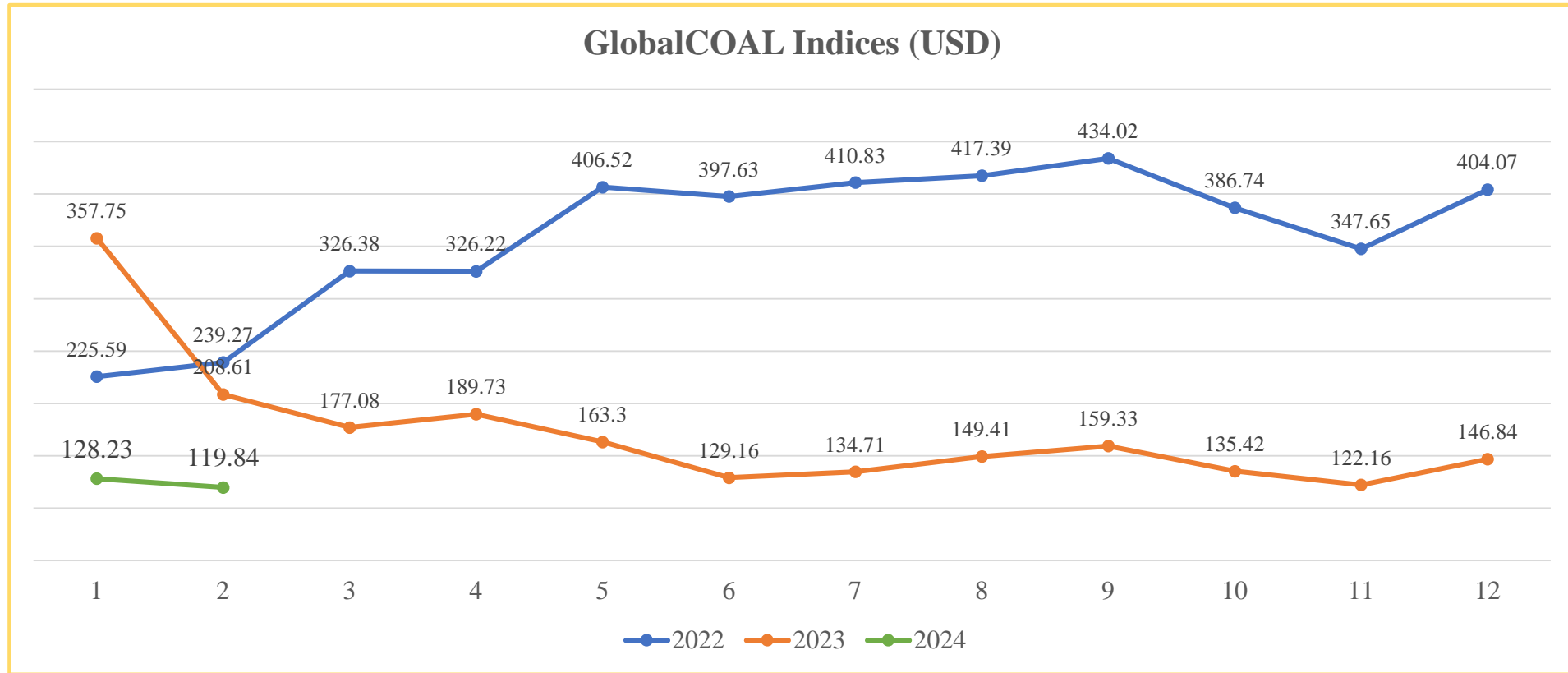
Market share of waste disposal	2022		2022Q3		2023Q3	
	Amount (tons)	Market share	Amount (tons)	Market share	Amount (tons)	Market share
C-0301	6,134	1.79%	4,680	1.81%	3,204	1.33%
D-1504	12,565	6.67%	9,384	6.38%	8,028	6.69%
Sludge	7,901	6.71%	6,300	7.31%	5,004	5.53%
SRF	817	0.40%	397	0.26%	4,066	2.91%

Note 1: The market share is based on (the amount of waste received/the amount of joint declaration)

Note 2: Sludge contains R-0906 and R-0902; SRF contains D-0299, D-0803, D-0899.

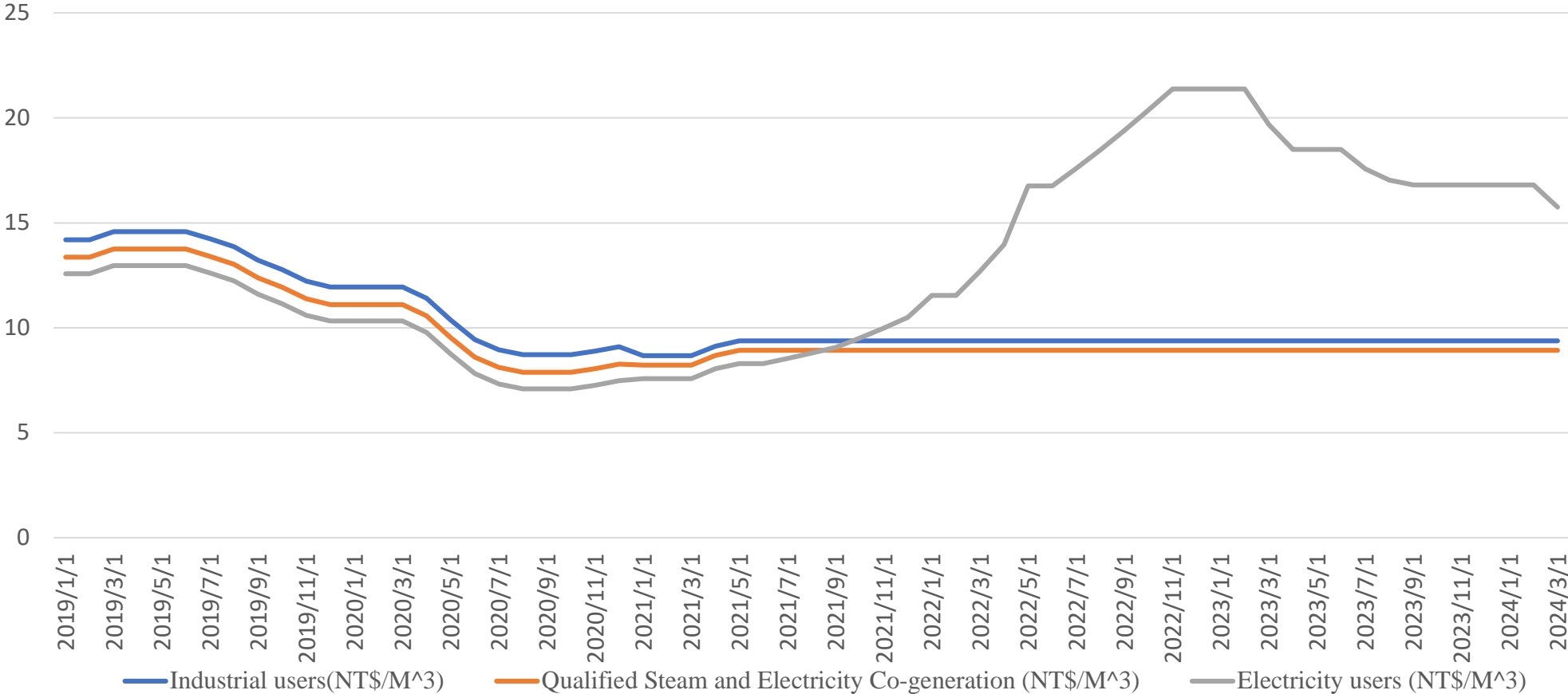


Coal Price



Natural Gas

Natural Gas (2) Historical Prices (/M³)



Electricity Price

RATE SCHEDULES(Tax included)

Time of Use Rate	Classification			Price from January 1, 2023		Price from April 1, September 28, and November 1 2023		Diff	
				Summer	Non-Summer	Summer	Non-Summer	Summer	Non-Summer
High Voltage	Regular Contracted Demand			223.60	166.90	223.60	166.90	-	-
	Energy Charge	Monday To Friday	Peak Period	5.80	--	7.03	-	21.21%	-
			Partial-Peak Period	3.63	3.40	4.39	4.11	20.94%	20.88%
		Saturday	Period	1.78	1.65	2.04	1.89	14.61%	14.55%
		Sunday &Off-Peak day	Off-Peak Period	1.58	1.45	1.91	1.75	20.89%	20.69%
Extra High Voltage	Regular Contracted Demand			217.30	160.60	217.30	160.60	-	-
	Energy Charge	Monday To Friday	Peak Period	5.47	--	6.58	-	20.29%	-
			Partial-Peak Period	3.41	3.19	4.08	3.82	19.65%	19.75%
		Saturday	Period	1.73	1.60	1.98	1.83	14.45%	14.38%
		Sunday &Off-Peak day	Off-Peak Period	1.53	1.39	1.83	1.66	19.61%	19.42%

On 2023/4/1, Taipower adjusted the electricity price, and dyeing and finishing industry increased by half.

The high-voltage and ultra-high-voltage electricity batch generation time electricity prices applicable from 2023/11/1. So far, no customers have applied for changes.



4.Future Development Strategies



1 ESG Report introduces SASB standards and TCFD climate-related financial disclosures.

2 Take root in the business philosophy and corporate culture of "loyalty, sincerity, faith, and practice".

3 Plan and promote company-wide inventory of greenhouse gases in Category 3.

4 Promote ERP upgrades, Flow electronic sign-off and the introduction of knowledge management corporate culture.

5 Set the Gas Turbine Cogeneration System to reduce pollution and carbon emissions.

6 Carry out talent cultivation, reserve mainstream executives, and implement grassroots staff education.



Cogeneration Plant

- ✔ Flexible scheduling of unit operation to cooperate with Taipower's Feed-in Tariff and Energy Trading Platform, maintaining high profitability.
- ✔ Optimize G2 equipment operation and maintenance capabilities and reduce repair costs.
- ✔ Make good use of G2 SRF reception and feeding system to increase the ratio of renewable fuel.
- ✔ Carry out pre-job training on GT gas unit operation and maintenance to ensure smooth operation.
- ✔ Execute the addition of Gas Turbine Cogeneration System project on schedule, on quality and on budget.
- ✔ Expand and increase electricity customers in industrial area and improve profitability.



Renewable Energy Plant

01 Continue to improve the lean management of waste treatment plants and maintain A-level performance management goals.

02 SRF renewable fuel process optimization, and gradually increase SRF production capacity.

03 Develop new customers and increase the volume of liquid waste treatment.

04 Start laboratory external inspection business.





Please Advise

