Taiwan Cogeneration Corporation and Subsidiaries

Consolidated Financial Statements for the Nine Months Ended September 30, 2022 and 2021 and Independent Auditors' Review Report

Deloitte.

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INDEPENDENT AUDITORS' REVIEW REPORT

The Board of Directors and Shareholders
Taiwan Cogeneration Corporation

Introduction

We have reviewed the accompanying consolidated balance sheets of Taiwan Cogeneration Corporation (the "Corporation") and its subsidiaries (collectively, the "Group") as of September 30, 2022 and 2021, the related consolidated statements of comprehensive income for the three months ended September 30, 2022 and 2021 and for the nine months ended September 30, 2022 and 2021, the consolidated statements of changes in equity and cash flows for the nine months ended September 30, 2022 and 2021, and the related notes to the consolidated financial statements, including a summary of significant accounting policies (collectively referred to as the "consolidated financial statements"). Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and International Accounting Standard 34 "Interim Financial Reporting" endorsed and issued into effect by the Financial Supervisory Commission of the Republic of China. Our responsibility is to express a conclusion on the consolidated financial statements based on our reviews.

Scope of Review

We conducted our reviews in accordance with Statement of Auditing Standards No. 65 "Review of Financial Information Performed by the Independent Auditor of the Entity". A review of consolidated financial statements consists of making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit and consequently does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

Conclusion

Based on our reviews, nothing has come to our attention that caused us to believe that the accompanying consolidated financial statements do not present fairly, in all material respects, the consolidated financial position of the Group as of September 30, 2022 and 2021, its consolidated financial performance for the three months ended September 30, 2022 and 2021, and its consolidated financial performance and its consolidated cash flows for the nine months ended September 30, 2022 and 2021 in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and International Accounting Standard 34 "Interim Financial Reporting" endorsed and issued into effect by the Financial Supervisory Commission of the Republic of China.

Emphasis of Matter

For details on Taiwan Power Company's filing of a civil lawsuit against the Group's associates, Sun Ba Power Corporation, Star Energy Power Corporation, Star Buck Power Corporation, and Kuo Kuang Power Company Ltd., in connection with their alleged violation of the Fair Trade Act and request for compensation on the basis of claims for damages which it has suffered, refer to Note 37d. Our review conclusion is not modified in respect of this matter.

The engagement partners on the reviews resulting in this independent auditors' review report are Chao-Mei Chen and Cheng-Chuan Yu.

Deloitte & Touche
Taipei, Taiwan
Republic of China

November 10, 2022

Notice to Readers

The accompanying consolidated financial statements are intended only to present the consolidated financial position, financial performance and cash flows in accordance with accounting principles and practices generally accepted in the Republic of China and not those of any other jurisdictions. The standards, procedures and practices to review such consolidated financial statements are those generally applied in the Republic of China.

For the convenience of readers, the independent auditors' review report and the accompanying consolidated financial statements have been translated into English from the original Chinese version prepared and used in the Republic of China. If there is any conflict between the English version and the original Chinese version or any difference in the interpretation of the two versions, the Chinese-language independent auditors' review report and consolidated financial statements shall prevail.

TAIWAN COGENERATION CORPORATION AND SUBSIDIARIES

CONSOLIDATED BALANCE SHEETS
(In Thousands of New Taiwan Dollars)

	September 30, 2022 (Reviewed)		December 31, 2021 (Audited)		September 30, 2021 (Retrospectively Adjusted and Reviewed) (Note 15)	
ASSETS	**Amount**	**%**	**Amount**	**%**	**Amount**	**%**
CURRENT ASSETS						
Cash and cash equivalents (Notes 6 and 30)	$ 2,594,186	11	$ 2,763,822	12	$ 2,315,927	10
Contract assets (Notes 5, 24, 26 and 35)	2,153,558	9	2,641,399	11	2,541,052	11
Accounts receivable (Notes 7 and 26)	181,675	1	455,579	2	548,809	3
Accounts receivable from related parties (Notes 26 and 35)	257,172	1	96,065	1	130,314	1
Finance lease receivables (Notes 8 and 35)	10,299	-	10,224	-	10,199	-
Dividends receivable (Note 12)	-	-	-	-	78,824	-
Other receivables (Note 35)	17,552	-	36,224	-	3,974	-
Inventories (Note 9)	15,676	-	13,187	-	8,454	-
Prepaid construction costs (Note 24)	46,326	-	18,279	-	18,279	-
Prepaid value-added tax	99,424	1	80,548	-	67,870	-
Other financial assets (Note 36)	20,336	-	1,646	-	6,905	-
Other current assets (Note 30)	36,386	-	35,484	-	29,456	-
Total current assets	5,432,590	23	6,152,457	26	5,760,063	25
NON-CURRENT ASSETS						
Financial assets at fair value through other comprehensive income (Notes 10 and 34)	267,310	1	275,310	1	254,400	1
Investments accounted for using the equity method (Note 12)	12,556,172	54	12,750,996	53	12,597,699	54
Property, plant and equipment (Notes 13 and 36)	3,173,603	14	3,009,667	12	2,962,844	13
Right-of-use assets (Notes 14, 15, 30 and 35)	426,499	2	447,802	2	461,353	2
Goodwill (Notes 15 and 30)	141,014	1	141,014	1	141,014	-
Intangible assets (Note 16)	890,984	4	903,256	4	892,782	4
Deferred income tax assets (Notes 4 and 30)	190,759	1	197,174	1	196,918	1
Finance lease receivables (Notes 8 and 35)	13,916	-	21,649	-	24,215	-
Prepayments for equipment	1,674	-	-	-	-	-
Refundable deposits	82,117	-	89,755	-	83,334	-
Other financial assets (Note 36)	27,133	-	42,549	-	42,549	-
Other non-current assets (Note 17)	20,802	-	22,212	-	22,212	-
Total non-current assets	17,791,983	77	17,901,384	74	17,679,320	75
TOTAL	$ 23,224,573	100	$ 24,053,841	100	$ 23,439,383	100
LIABILITIES AND EQUITY						
CURRENT LIABILITIES						
Short-term borrowings (Note 18)	$ 57,000	-	$ 40,000	-	$ 40,000	-
Short-term bills payable (Note 18)	998,834	4	499,614	2	499,595	2
Contract liabilities (Notes 5, 24, 26 and 35)	177,004	1	193,467	1	216,038	1
Notes payable	-	-	-	-	586	-
Accounts payable	149,078	1	127,468	1	93,050	1
Construction costs payable	2,703,523	12	3,348,580	14	3,143,605	14
Accounts payable to related parties (Note 35)	8,229	-	1,911	-	1,968	-
Other payables (Notes 20, 30 and 35)	234,398	1	312,635	1	327,068	1
Current income tax liabilities (Note 4)	29,568	-	50,921	-	6,406	-
Provisions (Notes 22 and 24)	263,438	1	304,799	1	300,792	1
Lease liabilities (Notes 14, 30 and 35)	48,722	-	54,533	-	51,605	-
Current portion of long-term borrowings (Notes 18 and 36)	162,558	1	115,693	1	108,188	1
Other current liabilities (Note 30)	2,278	-	17,838	-	2,305	-
Total current liabilities	4,834,630	21	5,067,459	21	4,791,206	21
NON-CURRENT LIABILITIES						
Long-term borrowings (Notes 18 and 36)	3,867,115	17	3,746,919	16	3,639,673	16
Contract liabilities (Note 26)	100,496	-	56,180	-	37,702	-
Lease liabilities (Notes 14, 30 and 35)	437,279	2	448,506	2	464,041	2
Bonds payable (Note 19)	2,497,726	11	2,497,255	10	2,497,098	11
Provisions (Note 22)	14,217	-	13,986	-	13,908	-
Deferred income tax liabilities (Notes 4, 15 and 30)	70,796	-	74,201	-	64,999	-
Net defined benefit liabilities (Notes 4 and 23)	125,306	1	124,387	1	119,265	-
Guarantee deposits received	28,684	-	44,083	-	45,151	-
Other liabilities (Note 21)	15,824	-	2,802	-	2,908	-
Total non-current liabilities	7,157,443	31	7,008,319	29	6,884,745	29
Total liabilities	11,992,073	52	12,075,778	50	11,675,951	50
EQUITY ATTRIBUTABLE TO OWNERS OF THE CORPORATION (Note 25)						
Share capital						
Ordinary shares	5,890,486	25	5,890,486	24	5,890,486	25
Capital surplus	499,694	2	499,694	2	499,694	2
Retained earnings						
Legal reserve	1,737,133	7	1,644,763	7	1,644,763	7
Special reserve	2,621,945	11	2,823,917	12	2,823,917	12
Unappropriated earnings (Note 15)	346,691	2	961,235	4	728,025	3
Total retained earnings	4,705,769	20	5,429,915	23	5,196,705	22
Other equity	(19,199)	-	11,378	-	33,740	-
Total equity attributable to owners of the Corporation	11,076,750	47	11,831,473	49	11,620,625	49
NON-CONTROLLING INTERESTS	155,750	1	146,590	1	142,807	1
Total equity	11,232,500	48	11,978,063	50	11,763,432	50
TOTAL	$ 23,224,573	100	$ 24,053,841	100	$ 23,439,383	100

The accompanying notes are an integral part of the consolidated financial statements.

(With Deloitte & Touche review report dated November 10, 2022)

TAIWAN COGENERATION CORPORATION AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(In Thousands of New Taiwan Dollars, Except Earnings Per Share)
(Reviewed, Not Audited)

	For the Three Months Ended September 30				For the Nine Months Ended September 30			
	2022		2021 (Retrospectively Adjusted) (Note 15)		2022		2021 (Retrospectively Adjusted) (Note 15)	
	Amount	%	Amount	%	Amount	%	Amount	%
OPERATING REVENUE (Notes 26 and 35)								
Sales	$ 454,933	61	$ 312,973	21	$ 1,088,537	42	$ 934,739	19
Construction services	221,141	30	1,144,249	76	1,366,357	52	3,720,851	78
Operations, maintenance and consulting services	68,410	9	49,713	3	150,969	6	123,485	3
Total operating revenues	744,484	100	1,506,935	100	2,605,863	100	4,779,075	100
OPERATING COSTS (Notes 23, 27 and 35)								
Cost of sales	386,210	52	270,758	18	959,357	37	717,644	15
Construction services	204,720	27	1,007,059	67	1,203,375	46	3,375,955	71
Operations, maintenance and consulting services	63,353	9	48,321	3	144,481	5	118,535	2
Total operating costs	654,283	88	1,326,138	88	2,307,213	88	4,212,134	88
GROSS PROFIT	90,201	12	180,797	12	298,650	12	566,941	12
REALIZED GAIN ON TRANSACTIONS WITH ASSOCIATES	5,809	1	8,028	1	11,482	-	22,214	-
REALIZED GROSS PROFIT	96,010	13	188,825	13	310,132	12	589,155	12
OPERATING EXPENSES (Notes 15, 23, 27 and 35)	90,904	12	88,240	6	267,704	10	256,598	5
PROFIT FROM OPERATIONS	5,106	1	100,585	7	42,428	2	332,557	7
NON-OPERATING INCOME AND EXPENSES								
Interest income	728	-	73	-	1,523	-	488	-
Other income (Notes 27 and 35)	2,836	-	11,886	1	17,560	-	25,321	1
Other gains and losses (Note 27)	5,231	1	(12,931)	(1)	21,436	1	(35,016)	(1)
Finance costs (Note 27)	(24,214)	(3)	(18,024)	(1)	(60,251)	(2)	(48,759)	(1)
Share of profit of associates accounted for using the equity method (Note 12)	205,898	27	92,269	6	336,038	13	488,296	10
Total non-operating income and expenses	190,479	25	73,273	5	316,306	12	430,330	9
PROFIT BEFORE INCOME TAX	195,585	26	173,858	12	358,734	14	762,887	16
INCOME TAX EXPENSE (Notes 4, 15 and 28)	(4,216)	-	(24,181)	(2)	(42,885)	(2)	(68,674)	(1)
NET PROFIT	191,369	26	149,677	10	315,849	12	694,213	15

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TAIWAN COGENERATION CORPORATION AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(In Thousands of New Taiwan Dollars, Except Earnings Per Share)
(Reviewed, Not Audited)

	For the Three Months Ended September 30				For the Nine Months Ended September 30			
	2022		2021 (Retrospectively Adjusted) (Note 15)		2022		2021 (Retrospectively Adjusted) (Note 15)	
	Amount	%	Amount	%	Amount	%	Amount	%
OTHER COMPREHENSIVE (LOSS) INCOME								
Items that will not be reclassified subsequently to profit or loss:								
Unrealized (loss) gain on investments in equity instruments at fair value through other comprehensive income (Note 34)	$ (2,000)	-	$ 2,200	-	$ (8,000)	-	$ 5,200	-
Share of other comprehensive (loss) income of associates accounted for using the equity method	1,244	-	(9,334)	-	(18,659)	(1)	10,876	-
	(756)	-	(7,134)	-	(26,659)	(1)	16,076	-
Items that may be reclassified subsequently to profit or loss:								
Exchange differences on translation of the financial statements of foreign operations	(405)	-	(10,234)	(1)	(3,918)	-	(17,333)	-
Other comprehensive loss for the period, net of income tax	(1,161)	-	(17,368)	(1)	(30,577)	(1)	(1,257)	-
TOTAL COMPREHENSIVE INCOME FOR THE PERIOD	$ 190,208	26	$ 132,309	9	$ 285,272	11	$ 692,956	14
NET PROFIT ATTRIBUTABLE TO:								
Owners of the Corporation	$ 190,428	26	$ 146,388	10	$ 306,689	12	$ 690,491	15
Non-controlling interests	941	-	3,289	-	9,160	-	3,722	-
	$ 191,369	26	$ 149,677	10	$ 315,849	12	$ 694,213	15
TOTAL COMPREHENSIVE INCOME ATTRIBUTABLE TO:								
Owners of the Corporation	$ 189,267	26	$ 129,020	9	$ 276,112	11	$ 689,234	14
Non-controlling interests	941	-	3,289	-	9,160	-	3,722	-
	$ 190,208	26	$ 132,309	9	$ 285,272	11	$ 692,956	14
EARNINGS PER SHARE (Note 29)								
Basic	$ 0.32		$ 0.25		$ 0.52		$ 1.17	
Diluted	$ 0.32		$ 0.25		$ 0.52		$ 1.17	

The accompanying notes are an integral part of the consolidated financial statements.

(With Deloitte & Touche review report dated November 10, 2022) (Concluded)

TAIWAN COGENERATION CORPORATION AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY
(In Thousands of New Taiwan Dollars, Unless Stated Otherwise)
(Reviewed, Not Audited)

	Equity Attributable to Owners of the Corporation								
			Retained Earnings			Other Equity			
	Ordinary Shares	Capital Surplus	Legal Reserve	Special Reserve	Unappropriated Earnings (Retrospectively Adjusted) (Note 15)	Exchange Differences on Translation of the Financial Statements of Foreign Operations	Unrealized Gain (Loss) on Financial Assets at Fair Value through Other Comprehensive Income	Non-controlling Interests	Total Equity
BALANCE AT JANUARY 1, 2021	$ 5,890,486	$ 499,694	$ 1,537,858	$ 2,890,684	$ 1,196,864	$ (54,925)	$ 89,922	$ 139,085	$ 12,189,668
Appropriation of 2020 earnings									
Legal reserve	-	-	106,905	-	(106,905)	-	-	-	-
Reversal of special reserve	-	-	-	(66,767)	66,767	-	-	-	-
Cash dividends - NT$1.9 per share	-	-	-	-	(1,119,192)	-	-	-	(1,119,192)
	-	-	106,905	(66,767)	(1,159,330)	-	-	-	(1,119,192)
Net profit for the nine months ended September 30, 2021	-	-	-	-	690,491	-	-	3,722	694,213
Other comprehensive (loss) income for the nine months ended September 30, 2021	-	-	-	-	-	(17,333)	16,076	-	(1,257)
Total comprehensive income (loss) for the nine months ended September 30, 2021	-	-	-	-	690,491	(17,333)	16,076	3,722	692,956
BALANCE AT SEPTEMBER 30, 2021	$ 5,890,486	$ 499,694	$ 1,644,763	$ 2,823,917	$ 728,025	$ (72,258)	$ 105,998	$ 142,807	$ 11,763,432
BALANCE AT JANUARY 1, 2022	$ 5,890,486	$ 499,694	$ 1,644,763	$ 2,823,917	$ 961,235	$ (70,640)	$ 82,018	$ 146,590	$ 11,978,063
Appropriation of 2021 earnings									
Legal reserve	-	-	92,370	-	(92,370)	-	-	-	-
Reversal of special reserve	-	-	-	(201,972)	201,972	-	-	-	-
Cash dividends - NT$1.75 per share	-	-	-	-	(1,030,835)	-	-	-	(1,030,835)
	-	-	92,370	(201,972)	(921,233)	-	-	-	(1,030,835)
Net profit for the nine months ended September 30, 2022	-	-	-	-	306,689	-	-	9,160	315,849
Other comprehensive loss for the nine months ended September 30, 2022	-	-	-	-	-	(3,918)	(26,659)	-	(30,577)
Total comprehensive income (loss) for the nine months ended September 30, 2022	-	-	-	-	306,689	(3,918)	(26,659)	9,160	285,272
BALANCE AT SEPTEMBER 30, 2022	$ 5,890,486	$ 499,694	$ 1,737,133	$ 2,621,945	$ 346,691	$ (74,558)	$ 55,359	$ 155,750	$ 11,232,500

The accompanying notes are an integral part of the consolidated financial statements.

(With Deloitte & Touche review report dated November 10, 2022)

TAIWAN COGENERATION CORPORATION AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CASH FLOWS
(In Thousands of New Taiwan Dollars)
(Reviewed, Not Audited)

	For the Nine Months Ended September 30	
	2022	2021 (Retrospectively Adjusted) (Note 15)
CASH FLOWS FROM OPERATING ACTIVITIES		
Profit before income tax	$ 358,734	$ 762,887
Adjustments for:		
Depreciation expense	222,999	216,922
Amortization expense	47,952	30,634
Finance costs	60,251	48,759
Interest income	(1,523)	(488)
Dividend income	(8,000)	(8,000)
Share of profit of associates accounted for using the equity method	(336,038)	(488,296)
Gain on disposal of investment accounted for using the equity method	(15,070)	-
Net unrealized (gain) loss on foreign currency exchange	(13,984)	9,289
Realized gain on transactions with associates	(11,482)	(22,214)
Construction service costs	-	58
Others	(2,167)	(29)
Changes in operating assets and liabilities		
Contract assets	487,841	872,799
Notes receivable	-	293
Accounts receivable	273,904	(233,764)
Accounts receivable from related parties	(161,107)	(28,801)
Other receivables	23,764	127,965
Inventories	(2,489)	(969)
Prepaid construction costs	(28,047)	701
Other current assets	(902)	(9,223)
Prepaid value-added tax	(17,818)	9,903
Contract liabilities	27,853	38,955
Notes payable	-	(111,886)
Accounts payable	21,610	33,084
Construction costs payable	(645,057)	(292,996)
Accounts payable to related parties	6,318	(56,102)
Other payables	14,129	(4,006)
Provisions	(41,361)	(8,193)
Other current liabilities	(15,560)	(6,525)
Net defined benefit liabilities	919	(7,160)
Cash generated from operations	245,669	873,597
Interest received	1,150	446
Dividends received	383,376	575,951
Interest paid	(64,546)	(51,449)
Income tax paid	(65,947)	(150,515)
Net cash generated from operating activities	499,702	1,248,030

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TAIWAN COGENERATION CORPORATION AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CASH FLOWS
(In Thousands of New Taiwan Dollars)
(Reviewed, Not Audited)

	For the Nine Months Ended September 30	
	2022	2021 (Retrospectively Adjusted) (Note 15)
CASH FLOWS FROM INVESTING ACTIVITIES		
Acquisition of associate (Note 12)	$ -	$ (160,000)
Disposal of associate (Note 12)	160,000	-
Net cash outflow on acquisition of subsidiary (Note 30)	-	(42,251)
Proceeds from disposal of non-current assets held for sale	-	5,000
Payments for property, plant and equipment (Note 31)	(420,455)	(413,832)
Decrease in refundable deposits	7,638	20,123
Payments for intangible assets	(35,328)	(9,948)
Decrease in finance lease receivables	7,697	7,446
(Increase) decrease in other financial assets	(3,274)	13,728
Increase in prepayments for equipment	(1,674)	-
Net cash used in investing activities	(285,396)	(579,734)
CASH FLOWS FROM FINANCING ACTIVITIES(Note 31)		
Increase in short-term borrowings	17,000	5,000
Increase in short-term bills payable	499,078	499,171
Proceeds from long-term borrowings	9,357,000	6,295,200
Repayments of long-term borrowings	(9,189,939)	(5,593,430)
(Decrease) increase in guarantee deposits received	(15,399)	6,732
Repayments of the principal portion of lease liabilities	(34,292)	(37,780)
Dividends paid to owners of the Corporation	(1,030,835)	(1,119,192)
Net cash (used in) generated from financing activities	(397,387)	55,701
EFFECTS OF EXCHANGE RATE CHANGES ON THE BALANCE OF CASH AND CASH EQUIVALENTS HELD IN FOREIGN CURRENCIES	13,445	(11,280)
NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS	(169,636)	712,717
CASH AND CASH EQUIVALENTS AT THE BEGINNING OF THE PERIOD	2,763,822	1,603,210
CASH AND CASH EQUIVALENTS AT THE END OF THE PERIOD	$ 2,594,186	$ 2,315,927

The accompanying notes are an integral part of the consolidated financial statements.

(With Deloitte & Touche review report dated November 10, 2022) (Concluded)

TAIWAN COGENERATION CORPORATION AND SUBSIDIARIES

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2022 AND 2021
(In Thousands of New Taiwan Dollars, Unless Stated Otherwise)
(Reviewed, Not Audited)

1. GENERAL INFORMATION

Taiwan Cogeneration Corporation (the "Corporation" and its subsidiaries are collectively referred to as the "Group") was established by Taiwan Power Corporation (TPC) and several local companies on May 7, 1992. The Corporation's shares have been trading on the Taipei Exchange from May 8, 2000 to August 24, 2003 before being listed on the Taiwan Stock Exchange on August 25, 2003. The Corporation is engaged in the following businesses:

a. Engineering, planning, design, procurement, installation, construction and financial planning of cogeneration systems, and environmental protection and procurement of fuel for cogeneration systems and related businesses;

b. Operation and management of cogeneration plants;

c. Research and development, technical services and consultation services related to cogeneration;

d. Manufacture, assembly, sale, lease, installation, and repair of cogeneration equipment;

e. Investment in cogeneration plants and trading of related equipment;

f. Businesses with respect to power generation other than utility; and

g. Electric equipment installation.

2. APPROVAL OF FINANCIAL STATEMENTS

The consolidated financial statements were reported to the Corporation's board of directors on November 10, 2022.

3. APPLICATION OF NEW, AMENDED AND REVISED STANDARDS AND INTERPRETATIONS

a. Initial application of the amendments to the International Financial Reporting Standards (IFRS), International Accounting Standards (IAS), IFRIC Interpretations (IFRIC), and SIC Interpretations (SIC) (collectively, the "IFRSs") endorsed and issued into effect by the Financial Supervisory Commission (FSC)

   The initial application of the IFRSs endorsed and issued into effect by the FSC did not have a material impact on the Group's accounting policies.

b. The IFRSs endorsed by the FSC for application starting from 2023

New, Amended or Revised Standards and Interpretations (The “New IFRSs”)	Effective Date Announced by the International Accounting Standards Board (IASB)
Amendments to IAS 1 “Disclosure of Accounting Policies”	January 1, 2023 (Note 1)
Amendments to IAS 8 “Definition of Accounting Estimates”	January 1, 2023 (Note 2)
Amendments to IAS 12 “Deferred Tax related to Assets and Liabilities arising from a Single Transaction”	January 1, 2023 (Note 3)

Note 1: The amendments will be applied prospectively for annual reporting periods beginning on or after January 1, 2023.

Note 2: The amendments are applicable to changes in accounting estimates and changes in accounting policies that occur on or after the beginning of the annual reporting period beginning on or after January 1, 2023.

Note 3: Except for deferred taxes that were recognized on January 1, 2022 for temporary differences associated with leases and decommissioning obligations, the amendments are applied prospectively to transactions that occur on or after January 1, 2022.

As of the date the consolidated financial statements were authorized for issue, the Group is continuously assessing the possible impact that the application of other standards and interpretations will have on the Group’s financial position and financial performance and will disclose the relevant impact when the assessment is completed.

c. New IFRSs in issue but not yet endorsed and issued into effect by the FSC

New IFRSs	Effective Date Announced by IASB (Note 1)
Amendments to IFRS 10 and IAS 28 “Sale or Contribution of Assets between An Investor and Its Associate or Joint Venture”	To be determined by IASB
Amendments to IFRS 16 “Leases Liability in a Sale and leaseback”	January 1, 2024 (Note 2)
IFRS 17 “Insurance Contracts”	January 1, 2023
Amendments to IFRS 17	January 1, 2023
Amendments to IFRS 17 “Initial Application of IFRS 9 and IFRS 17 - Comparative Information”	January 1, 2023
Amendments to IAS 1 “Classification of Liabilities as Current or Non-current”	January 1, 2024
Amendments to IAS 1 “Non-current Liabilities with Covenants”	January 1, 2024

Note 1: Unless stated otherwise, the above New IFRSs are effective for annual reporting periods beginning on or after their respective effective dates.

Note 2: A seller-lessee shall apply the Amendments to IFRS 16 retrospectively to sale and leaseback transactions entered into after the date of initial application of IFRS 16.

As of the date the consolidated financial statements were authorized for issue, the initial application of the above New IFRSs will not have any material impact on the Group’s financial position and financial performance.

4. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

a. Statement of compliance

The consolidated financial statements have been prepared in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and IAS 34, "Interim Financial Reporting" as endorsed and issued into effect by the FSC. Disclosure information included in the consolidated financial statements is less than that required in a complete set of annual consolidated financial statements.

b. Basis of preparation

The consolidated financial statements have been prepared on the historical cost basis except for financial instruments that are measured at fair value and net defined benefit liabilities which are measured at the present value of the defined benefit obligation less the fair value of plan assets.

The fair value measurements, which are grouped into Levels 1 to 3 based on the degree to which the fair value measurement inputs are observable and based on the significance of the inputs to the fair value measurement in its entirety, which are described as follows:

1) Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities;

2) Level 2 inputs are inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (i.e., as prices) or indirectly (i.e., derived from prices); and

3) Level 3 inputs are unobservable inputs for the asset or liability.

c. Basis of consolidation

The consolidated financial statements incorporate the financial statements of the Corporation and the entities controlled by the Corporation (i.e., its subsidiaries). Control is the power to govern the financial and operating policies of an entity so as to obtain benefits from its activities.

When necessary, adjustments are made to the financial statements of subsidiaries to bring their accounting policies into line with those used by the Corporation.

All intra-group transactions, balances, income and expenses are eliminated in full upon consolidation. Total comprehensive income or loss of subsidiaries is attributed to the owners of the Corporation and to the non-controlling interests even if this results in the non-controlling interests having a deficit balance.

See Note 11 and Table 5 for the detailed information of subsidiaries (including the percentages of ownership and main businesses).

d. Other significant accounting policies

Except for the following, please refer to the consolidated financial statements for the year ended December 31, 2021.

1) Defined benefit retirement benefit plans

Pension cost for an interim period is calculated on a year-to-date basis by using the actuarially determined pension cost rate at the end of the prior financial year, adjusted for significant market fluctuations since that time and for significant plan amendments, settlements, or other significant one-off events.

2) Taxation

Income tax expense represents the sum of the tax currently payable and deferred tax. Interim period income taxes are assessed on an annual basis and calculated by applying to an interim period's pre-tax income the tax rate that would be applicable to expected total annual earnings.

5. CRITICAL ACCOUNTING JUDGMENTS AND KEY SOURCES OF ESTIMATION UNCERTAINTY

In the application of the Group's accounting policies, management is required to make judgments, estimates and assumptions about the carrying amounts of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered relevant. Actual results may differ from these estimates.

The Group considers the possible impact of the recent development of the COVID-19 pandemic and its economic environment implications, climate change and related government policies and regulations and the economic environment implications of the military conflict between Russia and Ukraine and related international sanctions when making its critical accounting estimates on cash flow projections, growth rate, discount rate, profitability, etc. The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised if the revisions affect only that period or in the period of the revisions and future periods if the revisions affect both current and future periods.

a. Fair Trade Act litigation against associates

Since TPC concluded that these associates of the Corporation violated the Fair Trade Act with concerted action and caused a loss to TPC, TPC filed civil actions to claim compensation for the loss, refer to Note 37d for the detailed information. The aforementioned civil actions are still pending; results may vary depending on the subsequent development of the cases.

b. Profit and loss evaluation of construction contracts

Contract revenue and costs are recognized by reference to the stage of completion of each contract. The stage of completion of the contract is measured based on the proportion of actual costs incurred relative to the total expected costs. Variations in contract work, claims and incentives are included in contract revenue to the extent that the amount can be measured reliably and its receipt is considered probable.

The expected total costs and contract items are assessed and determined by the management based on the nature of activities, expected sub-contracting charges, construction periods, processes, methods, etc. for each construction contract. Changes in the estimates might affect the calculation of the percentage of completion and related profits from construction contracts.

6. CASH AND CASH EQUIVALENTS

	September 30, 2022	December 31, 2021	September 30, 2021
Cash on hand	$ 3,263	$ 2,733	$ 2,703
Checking accounts and demand deposits	2,405,038	2,683,629	2,235,402
Cash equivalents			
Time deposits	185,885	77,460	77,822
	$ 2,594,186	$ 2,763,822	$ 2,315,927

Cash equivalents include time deposits which are highly liquid, readily convertible into a known amount of cash and subject to an insignificant risk of changes in value. These cash equivalents are held for the purpose of meeting short-term cash commitments.

The market interest rates of cash in bank at the end of the reporting periods were as follows:

	September 30, 2022	December 31, 2021	September 30, 2021
Demand deposits	0.00%-0.70%	0.00%-0.10%	0.000%-0.10%
Time deposits	0.10%-3.30%	0.20%-0.75%	0.20%-0.75%

7. ACCOUNTS RECEIVABLE

	September 30, 2022	December 31, 2021	September 30, 2021
Accounts receivable			
At amortized cost			
Gross carrying amount	$ 181,675	$ 455,579	$ 548,809

The average credit period ranges from 30 to 60 days. The Group applies the simplified approach to providing for expected credit losses prescribed by IFRS 9, which permits the use of lifetime expected loss provision for all accounts receivable. The expected credit losses on accounts receivable are individually estimated by reference to the past default records of the debtor and an analysis of the debtor's current financial position, adjusted for general economic conditions of the industry in which the debtor operates and an assessment of both the current as well as the forecast direction of economic conditions at the reporting date.

The Group did not recognize an allowance for impairment loss against all of the accounts receivable because lifetime ECL through individually assessed receivables indicated that all of the accounts receivable are collectible.

The aging analysis of accounts receivable based on the invoice date was as follows:

	September 30, 2022	December 31, 2021	September 30, 2021
Up to 60 days	$ 181,675	$ 455,579	$ 439,598
61-90 days	-	-	109,211
91-120 days	-	-	-
121-180 days	-	-	-
More than 180 days	-	-	-
	$ 181,675	$ 455,579	$ 548,809

8. FINANCE LEASE RECEIVABLES

	September 30, 2022	December 31, 2021	September 30, 2021
Undiscounted lease payments			
Year 1	$ 10,481	$ 10,481	$ 10,481
Year 2	10,481	10,481	10,481
Year 3	3,520	10,481	10,481
Year 4	-	900	3,520
Year 5	-	-	-
	24,482	32,343	34,963
Less: Unearned finance income	(267)	(470)	(549)
Lease payments receivable	24,215	31,873	34,414
Net investment in leases presented as finance lease receivables	$ 24,215	$ 31,873	$ 34,414
Finance lease receivables - current	$ 10,299	$ 10,224	$ 10,199
Finance lease receivables - non-current	$ 13,916	$ 21,649	$ 24,215

The Group subleased the leasehold office premises for all of the remaining lease term of the head lease (5 years), the sublease contracts were classified as finance leases. The interest rates implicit in the leases were fixed at the contract dates for the entire term of the lease. The implicit interest rate was approximately 0.98%.

The Group measured the loss allowance of finance lease receivables at an amount equal to lifetime ECLs. As of September 30, 2022, no finance lease receivable was past due. The Group did not recognize a loss allowance for finance lease receivables after taking into consideration the historical default experience and the future prospects of the industries in which the lessees operate, together with the value of collateral held.

9. INVENTORIES

	September 30, 2022	December 31, 2021	September 30, 2021
Raw materials	$ 15,676	$ 13,187	$ 8,454

10. FINANCIAL ASSETS AT FAIR VALUE THROUGH OTHER COMPREHENSIVE INCOME

Investments in Equity Instruments at FVTOCI

	September 30, 2022	December 31, 2021	September 30, 2021
Non-current			
Domestic investments			
Unlisted shares			
Kaohsiung Arena Development Corporation (KADC)	$ 248,200	$ 256,200	$ 254,400
Synergy Co., Ltd. (Synergy)	19,110	19,110	-
	$ 267,310	$ 275,310	$ 254,400

The investments in KADC and Synergy are held for medium to long-term strategic purposes. Accordingly, the management elected to designate these investments in equity instruments at FVTOCI as they believe that recognizing short-term fluctuations in these investments' fair value in profit or loss would not be consistent with the Group's strategy of holding these investments for long-term purposes.

Refer to Note 34 for fair value information relating to financial assets at FVTOCI.

11. SUBSIDIARIES

Subsidiaries Included in the Consolidated Financial Statements

Name of Investor	Name of Subsidiary	Nature of Activities	Percentage of Ownership September 30, 2022	Percentage of Ownership December 31, 2021	Percentage of Ownership September 30, 2021	Remark
The Corporation	Star Energy Corporation (SEC)	Undertaking and installing of power engineering projects	100	100	100	
The Corporation	Taiwan Cogeneration International Corporation (TCIC)	Investment in foreign countries and international trading	100	100	100	a
The Corporation	Yi Yuan Corporation (YYC)	Investment in geothermal power plant	51	51	51	
The Corporation	TCC Green Energy Corporation (TGE)	Investment in green power plant	100	100	100	
The Corporation	Miaoli Wind Co., Ltd. (MWC)	Power generation	100	100	100	b
The Corporation	Hamaguri Co., Ltd. (HML)	Power generation	100	100	100	c
TGE	Shin Kuang Electric Energy Ltd. (SKE)	Power generation	100	100	100	
SEC	Star Wind Corporation (SWC)	Power generation	100	100	100	
SEC	Star Solar Corporation (SSC)	Power generation	100	100	100	d
YYC	Chingshuei Geothermal Power Corporation (CGPC)	Power generation	100	100	100	

a. TCIC established a branch in the Philippines mainly for the expansion of the local engineering business.

b. On December 27, 2021 and September 20, 2022, MWC returned its capital of $200,000 thousand and $200,000 thousand to the Corporation, respectively.

c. In order to expand the renewable energy business, on March 10, 2021, the Corporation acquired a 100% equity interest in HML for $69,630 thousand (US$2,500 thousand). Please refer to Note 30 for information on business combinations.

d. On April 12, 2021, SEC participated in a capital raising of SSC, and increased its investment by $120,000 thousand.

Refer to Table 5 for the nature of activities, principal places of business and countries of incorporation of the subsidiaries.

12. INVESTMENTS ACCOUNTED FOR USING THE EQUITY METHOD

	September 30, 2022	December 31, 2021	September 30, 2021
Investments in associates			
Material associates			
Ta-Yuan Cogeneration Company (TYC)	$ 587,220	$ 592,491	$ 586,815
Sun Ba Power Corporation (Sun Ba)	5,714,498	5,480,326	5,423,172
Star Energy Power Corporation (SEPC)	2,168,826	2,339,732	2,312,778
Star Buck Power Corporation (SBPC)	2,135,715	2,163,416	2,062,608
Kuo Kuang Power Company Ltd. (KKPC)	1,794,378	1,869,725	1,883,587
	12,400,637	12,445,690	12,268,960
Associates that are not individually material	155,535	305,306	328,739
	$ 12,556,172	$ 12,750,996	$ 12,597,699

The share of profit or loss of associates accounted for using the equity method was as follows:

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	2021	2022	2021
Sun Ba	$ 73,152	$ 87,312	$ 241,440	$ 349,197
TYC	49,520	17,234	66,880	49,579
SBPC	48,743	(30,543)	5,622	(70,552)
KKPC	32,444	9,709	40,658	60,493
SEPC	2,671	14,180	(17,099)	112,497
Associates that are not individually material	(632)	(5,623)	(1,463)	(12,918)
	$ 205,898	$ 92,269	$ 336,038	$ 488,296

a. Material associates

	Proportion of Ownership and Voting Rights		
	September 30, 2022	December 31, 2021	September 30, 2021
TYC	29.31%	29.31%	29.31%
Sun Ba	43.00%	43.00%	43.00%
SEPC	40.50%	40.50%	40.50%
SBPC	41.27%	41.27%	41.27%
KKPC	35.00%	35.00%	35.00%

Refer to Table 5 for the nature of activities, principal places of business and countries of incorporation of the associates.

The market value of the investment in TYC, which was based on its closing price at the balance sheet date, was as follows:

Name of Associate	September 30, 2022	December 31, 2021	September 30, 2021
TYC	$ 1,071,431	$ 1,139,516	$ 1,200,433

The summarized financial information below represents amounts shown in the associates' financial statements prepared in accordance with IFRSs adjusted by the Group for equity accounting purposes.

TYC

	September 30, 2022	December 31, 2021	September 30, 2021
Current assets	$ 1,142,127	$ 1,148,317	$ 884,812
Non-current assets	3,343,426	3,267,568	3,446,532
Current liabilities	(867,957)	(388,410)	(1,606,118)
Non-current liabilities	(1,592,519)	(1,983,531)	(700,354)
Equity	$ 2,025,077	$ 2,043,944	$ 2,024,872
Proportion of the Group's ownership	29.31%	29.31%	29.31%
Equity attributable to the Group	$ 593,565	$ 599,095	$ 593,505
Unrealized gain with associates	(6,345)	(6,604)	(6,690)
Carrying amount	$ 587,220	$ 592,491	$ 586,815

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	2021	2022	2021
Operating revenue	$ 900,188	$ 596,187	$ 1,933,401	$ 1,517,274
Net profit for the period	$ 168,949	$ 58,797	$ 228,174	$ 169,147
Other comprehensive income (loss)	4,243	(31,844)	(63,659)	37,107
Total comprehensive income for the period	$ 173,192	$ 26,953	$ 164,515	$ 206,254
Dividends received from TYC	$ 53,751	$ 50,167	$ 53,751	$ 50,167

Sun Ba

	September 30, 2022	December 31, 2021	September 30, 2021
Current assets	$ 5,703,814	$ 2,902,942	$ 4,746,797
Non-current assets	18,031,421	13,078,951	12,819,009
Current liabilities	(3,751,242)	(2,050,249)	(3,821,775)
Non-current liabilities	(6,554,324)	(1,063,463)	(1,010,135)
Equity	$ 13,429,669	$ 12,868,181	$ 12,733,896
Proportion of the Group's ownership	43.00%	43.00%	43.00%
Equity attributable to the Group	$ 5,774,758	$ 5,533,318	$ 5,475,575
Unrealized gain with associates	(62,347)	(55,079)	(54,490)
Goodwill	2,087	2,087	2,087
Carrying amount	$ 5,714,498	$ 5,480,326	$ 5,423,172

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	2021	2022	2021
Operating revenue	$ 5,173,272	$ 2,588,911	$ 14,544,305	$ 7,769,220
Net profit for the period	$ 170,121	$ 203,050	$ 561,488	$ 812,085
Other comprehensive income	-	-	-	-
Total comprehensive income for the period	$ 170,121	$ 203,050	$ 561,488	$ 812,085
Dividends received from Sun Ba	$ -	$ 283,800	$ -	$ 283,800

On May 9, 2022, Sun Ba issued 362,307 thousand new shares by transferring capital from earnings and 37,693 thousand new shares by transferring capital from legal reserve, which were resolved in the shareholders' meeting. The base date for the transfer of capital from earnings was May 23, 2022 and obtained an approval letter from the Ministry of Economic Affairs on June 10, 2022. The number of shares held by the Group increased by 172,000 thousand shares.

SEPC

	September 30, 2022	December 31, 2021	September 30, 2021
Current assets	$ 2,542,764	$ 1,727,988	$ 1,706,756
Non-current assets	5,213,623	5,802,149	5,966,289
Current liabilities	(1,835,839)	(1,042,482)	(1,151,831)
Non-current liabilities	(405,401)	(540,288)	(636,969)
Equity	$ 5,515,147	$ 5,947,367	$ 5,884,245

(Continued)

	September 30, 2022	December 31, 2021	September 30, 2021
Proportion of the Group's ownership	40.50%	40.50%	40.50%
Equity attributable to the Group	$ 2,233,635	$ 2,408,685	$ 2,383,119
Unrealized gain with associates	(64,809)	(68,953)	(70,341)
Carrying amount	$ 2,168,826	$ 2,339,732	$ 2,312,778

(Concluded)

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	2021	2022	2021
Operating revenue	$ 2,074,783	$ 1,366,708	$ 6,572,903	$ 3,993,597
Net profit (loss) for the period	$ 6,595	$ 35,011	$ (42,220)	$ 277,772
Other comprehensive income	-	-	-	-
Total comprehensive income (loss) for the period	$ 6,595	$ 35,011	$ (42,220)	$ 277,772
Dividends received from SEPC	$ 157,950	$ 131,220	$ 157,950	$ 131,220

SBPC

	September 30, 2022	December 31, 2021	September 30, 2021
Current assets	$ 2,330,325	$ 1,449,005	$ 1,446,218
Non-current assets	8,639,978	8,735,340	8,529,151
Current liabilities	(2,293,746)	(902,852)	(924,833)
Non-current liabilities	(2,954,127)	(3,457,185)	(3,458,888)
Equity	$ 5,722,430	$ 5,824,308	$ 5,591,648
Proportion of the Group's ownership	41.27%	41.27%	41.27%
Equity attributable to the Group	$ 2,361,803	$ 2,403,851	$ 2,307,826
Unrealized gain with associates	(226,088)	(240,435)	(245,218)
Carrying amount	$ 2,135,715	$ 2,163,416	$ 2,062,608

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	2021	2022	2021
Operating revenue	$ 3,198,463	$ 792,963	$ 6,265,854	$ 2,019,980
Net profit (loss) for the period	$ 118,099	$ (74,003)	$ 13,622	$ (170,941)
Other comprehensive income	-	-	-	-
Total comprehensive income (loss) for the period	$ 118,099	$ (74,003)	$ 13,622	$ (170,941)
Dividends received from SBPC	$ 47,670	$ -	$ 47,670	$ -

KKPC

	September 30, 2022	December 31, 2021	September 30, 2021
Current assets	$ 2,203,560	$ 1,659,440	$ 1,503,505
Non-current assets	4,665,988	5,121,269	5,296,741
Current liabilities	(1,575,431)	(875,598)	(870,083)
Non-current liabilities	(362,610)	(802,585)	(802,784)
Equity	$ 4,931,507	$ 5,102,526	$ 5,127,379
Proportion of the Group's ownership	35.00%	35.00%	35.00%
Equity attributable to the Group	$ 1,726,027	$ 1,785,884	$ 1,794,583
Goodwill	19,304	19,304	19,304
Investment premium	49,047	64,537	69,700
Carrying amount	$ 1,794,378	$ 1,869,725	$ 1,883,587

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	2021	2022	2021
Operating revenue	$ 3,067,809	$ 1,182,767	$ 6,901,277	$ 3,422,557
Net profit for the period	$ 107,449	$ 42,492	$ 160,423	$ 217,094
Other comprehensive income	-	-	-	-
Total comprehensive income for the period	$ 107,449	$ 42,492	$ 160,423	$ 217,094
Dividends received from KKPC	$ 116,005	$ 110,764	$ 116,005	$ 110,764

On July 10, 2014, the FTC fined Sun Ba, SEPC, SBPC, and KKPC a total of $489 million, $392 million, $100 million and $371 million, respectively, for violation of the Fair Trade Act (Original FTC Ruling) again. The companies requested the revocation of fines under the petition procedure. In December 2014, Petitions and Appeals Committee of the Executive Yuan notified these companies that the proceedings for the appeal were postponed and the appeal is subject to the ruling to be made by the Supreme Administrative Court. These companies paid the above-mentioned fines in full in advance in accordance with the Administrative Appeal Act and recognized them as other receivables. On June 16, 20, 30 and August 11, 2022, the Supreme Administrative Court revoked the second ruling, and ruled to dismiss original ruling against Sun Ba, SEPC, SBPC, and KKPC. Considering that the Supreme Administrative Court have made final decision, these companies reclassified the fines recognized in other receivables as impairment loss in the 2022 Q2.

The Group is the single largest shareholder of Sun Ba, SEPC, and SBPC with 43%, 40.50%, and 41.27% ownership of the investees, respectively. However, according to the articles of incorporation of the investees, certain material events of the investees shall be approved by the vote of a certain number of members of the board of directors; therefore, the Group cannot direct the relevant activities of the investee and has no control over them. Management of the Group considered the Group as exercising significant influence over the investees and classified them as associates.

b. Aggregate information of associates that are not individually material

	For the Three Months Ended September 30		**For the Nine Months Ended September 30**	
	2022	**2021**	**2022**	**2021**
The Group’s share of:				
Net loss for the period	$ (632)	$ (5,623)	$ (1,463)	$ (12,918)
Total comprehensive loss for the period	$ (632)	$ (5,623)	$ (1,463)	$ (12,918)

In order to expand the solar photovoltaic business, the Group signed an investment agreement with the original shareholder of Chao Feng Solar Energy Co. In February 2021, the Group participated in the capital increase of Chao Feng Solar Energy Co., Ltd. for $160,000 thousand and acquired a 20% equity interest in it. Due to the Group and the shareholder not being able to agree on the terms of the investment agreement, according to the agreement, the shareholder bought back the 20% equity interest in Chao Feng Solar Energy Co. held by the Group at the original price and completed the equity-settlement on March 4, 2022.

The amounts of the share of profit or loss and other comprehensive income of the investments in associates accounted for using the equity method for the nine months ended September 30, 2022 and 2021 were based on the associates’ financial statements reviewed by independent auditors for the same periods.

13. PROPERTY, PLANT AND EQUIPMENT

	Land	Buildings	Machinery and Equipment	Transportation Equipment	Other Equipment	Leasehold Improvements	Property under Construction	Total
Cost								
Balance at January 1, 2022	$ 264,637	$ 78,954	$ 5,911,042	$ -	$ 91,365	$ 44,779	$ 721,242	$ 7,112,019
Additions	-	417	18,483	699	3,531	-	326,042	349,172
Decreases	-	-	(127)	-	-	-	-	(127)
Disposals	-	-	-	-	(6,239)	(4,136)	-	(10,375)
Reclassifications	-	-	666,062	-	-	-	(666,062)	-
Balance at September 30, 2022	264,637	79,371	6,595,460	699	88,657	40,643	381,222	7,450,689
Accumulated depreciation								
Balance at January 1, 2022	-	62,469	3,954,532	-	53,456	31,895	-	4,102,352
Depreciation expense	-	1,432	169,572	20	10,678	3,407	-	185,109
Disposals	-	-	-	-	(6,239)	(4,136)	-	(10,375)
Balance at September 30, 2022	-	63,901	4,124,104	20	57,895	31,166	-	4,277,086
Carrying amount at September 30, 2022	$ 264,637	$ 15,470	$ 2,471,356	$ 679	$ 30,762	$ 9,477	$ 381,222	$ 3,173,603
Carrying amount at December 31, 2021 and January 1, 2022	$ 264,637	$ 16,485	$ 1,956,510	$ -	$ 37,909	$ 12,884	$ 721,242	$ 3,009,667
Cost								
Balance at January 1, 2021	$ 264,637	$ 78,954	$ 5,929,812	$ -	$ 73,400	$ 44,650	$ 292,476	$ 6,683,929
Additions	-	-	9,224	-	15,917	129	312,976	338,246
Decreases	-	-	(15,506)	-	-	-	-	(15,506)
Disposals	-	-	-	-	(41)	-	-	(41)
Reclassifications	-	-	(12,443)	-	-	-	12,443	-
Balance at September 30, 2021	264,637	78,954	5,911,087	-	89,276	44,779	617,895	7,006,628
Accumulated depreciation								
Balance at January 1, 2021	-	60,573	3,743,202	-	37,162	25,931	-	3,866,868
Depreciation expense	-	1,422	158,742	-	12,224	4,569	-	176,957
Disposals	-	-	-	-	(41)	-	-	(41)
Balance at September 30, 2021	-	61,995	3,901,944	-	49,345	30,500	-	4,043,784
Carrying amount at September 30, 2021	$ 264,637	$ 16,959	$ 2,009,143	$ -	$ 39,931	$ 14,279	$ 617,895	$ 2,962,844

The above items of property, plant and equipment used by the Group are depreciated on a straight-line basis over their estimated useful lives as follows:

Buildings	15-50 years
Machinery and equipment	3-30 years
Transportation equipment	5-10 years
Other equipment	2-8 years
Lease improvements	5 years

Refer to Note 27 for information on capitalized interest for the three months ended September 30, 2022 and 2021 and for the nine months ended September 30, 2022 and 2021.

Refer to Note 36 for the carrying amount of property plant and equipment mortgaged as collateral for bank borrowings of the Group.

14. LEASE ARRANGEMENTS

a. Right-of-use assets

	Land	Buildings	Transportation Equipment	Other Equipment	Total
Cost					
Balance at January 1, 2022	$ 338,341	$ 191,834	$ 22,591	$ 9,424	$ 562,190
Additions	7,408	398	9,539	-	17,345
Disposals	-	(506)	(10,111)	-	(10,617)
Balance at September 30, 2022	345,749	191,726	22,019	9,424	568,918

(Continued)

	Land	Buildings	Transportation Equipment	Other Equipment	Total
Accumulated depreciation					
Balance at January 1, 2022	$ 41,351	$ 57,946	$ 14,245	$ 846	$ 114,388
Depreciation expense	11,812	19,956	5,687	435	37,890
Disposals	-	-	(9,859)	-	(9,859)
Balance at September 30, 2022	53,163	77,902	10,073	1,281	142,419
Carrying amount at September 30, 2022	$ 292,586	$ 113,824	$ 11,946	$ 8,143	$ 426,499
Carrying amount at December 31, 2021 and January 1, 2022	$ 296,990	$ 133,888	$ 8,346	$ 8,578	$ 447,802
Cost					
Balance at January 1, 2021	$ 24,527	$ 208,502	$ 22,250	$ 725	$ 256,004
Acquired in a business combination (Note 30)	313,961	-	-	-	313,961
Additions	-	840	6,238	8,699	15,777
Disposals	(147)	(6,385)	(5,410)	-	(11,942)
Balance at September 30, 2021	338,341	202,957	23,078	9,424	573,800
Accumulated depreciation					
Balance at January 1, 2021	5,654	41,632	11,798	266	59,350
Acquired in a business combination (Note 30)	21,768	-	-	-	21,768
Depreciation expense (retrospectively adjusted)	10,003	23,574	5,980	435	39,992
Disposals	(147)	(3,381)	(5,135)	-	(8,663)
Balance at September 30, 2021	37,278	61,825	12,643	701	112,447
Carrying amount at September 30, 2021	$ 301,063	$ 141,132	$ 10,435	$ 8,723	$ 461,353

(Concluded)

b. Lease liabilities

	September 30, 2022	December 31, 2021	September 30, 2021
Carrying amount			
Current	$ 48,722	$ 54,533	$ 51,605
Non-current	$ 437,279	$ 448,506	$ 464,041

As of September 30, 2022, December 31, 2021 and September 30, 2021, the range of discount rates for lease liabilities was 0.98%-2.83%.

c. Material lease activities and terms

The rental payments for some leases of the solar power generation equipment are calculated at an agreed ratio of sales of electricity generated pursuant to the power purchase agreements the Group entered into with TPC.

Refer to Note 16 for the information about the Group’s acquisition of the rights to superficies from the Yilan county government.

In 2019, HML leased the land from the landlords in Fangyuan Township, Changhua County for the fishery and electricity symbiosis development project. The period covered by the agreements include the development and construction period and 20 years from the date of the start of commercial operations. HML shall make a priority request for renewal of the agreements six months before expiration of the lease if it obtains permission to continue operations. The lease agreements are renewable for no more than 5 years each time and within the limit of two times.

d. Subleases

Refer to Note 8 for the information on the Group's sublease transactions.

e. Other lease information

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	2021	2022	2021
Expenses relating to short-term leases	$ 3,082	$ 3,535	$ 9,323	$ 7,147
Expenses relating to low-value asset leases	$ 216	$ 509	$ 573	$ 1,648
Expenses relating to variable lease payments not included in the measurement of lease liabilities	$ 1,439	$ 811	$ 4,890	$ 2,838
Total cash outflow for leases			$ (55,252)	$ (55,083)

The Group's leases of certain buildings and transportation equipment qualified as short-term leases and certain other equipment qualified as low-value asset leases. The Group has elected to apply the recognition exemption and thus, did not recognize right-of-use assets and lease liabilities for these leases.

15. GOODWILL

	For the Nine Months Ended September 30	
	2022	2021
Beginning of the period	$ 141,014	$ 96,370
Acquired in a business combination (retrospectively adjusted) (Note 30)	-	44,644
End of the period	$ 141,014	$ 141,014

In order to expand the renewable energy business, the Group acquired 100% equity interest in HML in March 2021. Refer to Note 30 for information on business combinations.

According to the valuation report obtained by the Corporation in December 2021, the fair values of the right-of-use assets and deferred income tax liabilities of HML on the acquisition date were $292,193 thousand and $1,601 thousand, respectively. The Group has adjusted the original accounting treatment and provisional amount since the date of acquisition.

Items on the consolidated balance sheets increased (decreased) by the following amounts:

	September 30, 2021
Goodwill	$ (6,405)
Right-of-use assets	$ 7,792
Deferred income tax liabilities	$ 1,558
Retained earnings	$ (171)

Items on the consolidated statements of comprehensive income increased (decreased) by the following amounts:

	For the Nine Months Ended September 30, 2021
Depreciation expense	$ 214
Income tax expense	$ (43)

16. INTANGIBLE ASSETS

	September 30, 2022	December 31, 2021	September 30, 2021
Service concession arrangement	$ 536,805	$ 526,318	$ 508,684
Computer software	10,222	13,633	14,344
Business rights	343,957	363,305	369,754
	$ 890,984	$ 903,256	$ 892,782

a. Movements in intangible assets were as follows:

	Service Concession Arrangement					
	Operating Assets	Right-of-use Assets	Computer Software	Business Rights	Others	Total
Cost						
Balance at January 1, 2022	$ 537,752	$ 2,710	$ 23,053	$ 402,000	$ 12,000	$ 977,515
Additions	33,303	-	2,025	-	-	35,328
Disposals	-	-	(2,144)	-	-	(2,144)
Balance at September 30, 2022	571,055	2,710	22,934	402,000	12,000	1,010,699
Accumulated amortization and impairment loss						
Balance at January 1, 2022	13,742	402	9,420	38,695	12,000	74,259
Amortization expense	22,706	110	5,436	19,348	-	47,600
Disposals	-	-	(2,144)	-	-	(2,144)
Balance at September 30, 2022	36,448	512	12,712	58,043	12,000	119,715
Carrying amount at September 30, 2022	$ 534,607	$ 2,198	$ 10,222	$ 343,957	$ -	$ 890,984
Carrying amount at December 31, 2021 and January 1, 2022	$ 524,010	$ 2,308	$ 13,633	$ 363,305	$ -	$ 903,256

(Continued)

	Service Concession Arrangement					
	Operating Assets	Right-of-use Assets	Computer Software	Business Rights	Others	Total
Cost						
Balance at January 1, 2021	$ -	$ 2,710	$ 14,161	$ 402,000	$ 12,000	$ 430,871
Additions	-	-	9,948	-	-	9,948
Reclassifications (Note)	512,756	-	-	-	-	512,756
Disposals	-	-	(2,260)	-	-	(2,260)
Balance at September 30, 2021	512,756	2,710	21,849	402,000	12,000	951,315
Accumulated amortization and impairment loss						
Balance at January 1, 2021	-	255	5,006	12,898	12,000	30,159
Amortization expense	6,417	110	4,759	19,348	-	30,634
Disposals	-	-	(2,260)	-	-	(2,260)
Balance at September 30, 2021	6,417	365	7,505	32,246	12,000	58,533
Carrying amount at September 30, 2021	$ 506,339	$ 2,345	$ 14,344	$ 369,754	$ -	$ 892,782

(Concluded)

Note: Reclassified from contract assets.

Intangible assets are amortized on a straight-line basis over their estimated useful lives as follows:

Service concession arrangement	
Main power generation equipment	20 years
Transmission pipelines and other facilities	10-20 years
Others	5-20 years
Computer software	1-6 years
Business rights	15 years

b. Service concession arrangement

YYC signed the investment agreement "Yilan Chingshuei Geothermal Power Generation Build, Reconstruction, Operation, and Transfer" (referred to also as "Chingshuei Geothermal Contract") with the Yilan county government in July 2017 for a service concession which will be operated by CGPC. YYC established CGPC to undertake the operations for a period of 20 years starting from the commencement date of commercial operations of the power generating unit.

The operating assets refer to the public infrastructure constructed and operated by CGPC.

The right-of-use asset was obtained by YYC from the Yilan county government under the Chingshuei Geothermal Contract to build and operate the power plant site. The rental rate during the construction period was set at 1% of the announced land value, and the rental rate during the period of operations was set at 3% of the announced land value.

c. Business rights

Business rights refer to the licenses to generate electricity from the Zhunan and Houlong wind farms in Miaoli County acquired from the Ministry of Economic Affairs through the business combination with MWC, in accordance with the Electricity Act. Amortization of the aforementioned licenses is recognized on a straight-line basis until February 2036.

d. Other intangible assets

Other intangible assets represent the Grade A comprehensive construction registration certificate of SEC, which is deemed to have an indefinite useful life and not amortized because the certificate can be reviewed and renewed at a fraction of the cost every 5 years and is expected to generate sustainable net cash inflow, but is rather tested for impairment at least once a year and assessed at each balance sheet date to determine whether events and circumstances continue to support the assessment of its indefinite useful life.

17. OTHER ASSETS

	September 30, 2022	December 31, 2021	September 30, 2021
Other non-current assets			
Prepaid power lines usage expenses	$ 20,802	$ 22,212	$ 22,212

In order to operate the solar power plant, the Group signed an agreement with a company for the "Installation of Renewable Energy Generation Equipment (Non-user) for Integration of Line to User", and the Group should apportion the electricity project expenses (power lines usage expenses) in accordance with "Calculation of Apportionment Expenses for Renewable Energy Enhancement Projects on Power Grid".

18. BORROWINGS

a. Short-term borrowings

	September 30, 2022	December 31, 2021	September 30, 2021
Unsecured borrowings	$ 57,000	$ 40,000	$ 40,000

The ranges of interest rates on short-term borrowings at the end of the reporting periods were as follows:

	September 30, 2022	December 31, 2021	September 30, 2021
Unsecured borrowings	1.71%-2.42%	1.83%	1.83%

b. Short-term bills payable

	September 30, 2022	December 31, 2021	September 30, 2021
Commercial paper	$ 1,000,000	$ 500,000	$ 500,000
Less: Unamortized discounts on bills payable	(1,166)	(386)	(405)
	$ 998,834	$ 499,614	$ 499,595

On March 18, 2022, the Group signed a revolving and non-guaranteed commercial paper underwriting contract with a bank. The Group could issue a non-guaranteed commercial paper (up to 90 days) on a revolving basis during the period of 4 years effective March 23, 2022. The total underwriting amount is $500 million.

On August 12, 2021, the Group signed a revolving and non-guaranteed commercial paper underwriting agreement with a bills finance company. The Group could issue a non-guaranteed commercial paper (up to 90 days) on a revolving basis during the period of 4 years effective August 16, 2021. The total underwriting amount is $500 million.

The ranges of interest rates on commercial paper payable were as follows:

	September 30, 2022	**December 31, 2021**	**September 30, 2021**
Commercial paper	0.64%-0.70%	0.64%	0.30%

c. Long-term borrowings

	September 30, 2022	**December 31, 2021**	**September 30, 2021**
Pledged or mortgaged borrowings			
Repayable in semi-annual installments from August 2021 to February 2032	$ 337,080	$ 374,360	$ 374,360
Repayable in semi-annual installments from July 2022 to May 2031	292,000	-	-
Repayable in quarterly installments from December 2021 to September 2034	166,154	176,539	219,500
Repayable in semi-annual installments from February 2020 to February 2026	154,980	166,320	166,320
Repayable in semi-annual installments from November 2021 to May 2031	125,000	125,000	110,000
Repayable in semi-annual installments from August 2021 to May 2031	87,000	87,000	-
Repayable in monthly installments from January 2019 to January 2034	61,955	66,511	67,422
Repayable in monthly installments from August 2022 to February 2032	40,000	-	-
Repayable in quarterly installments from September 2021 to September 2034	36,462	38,740	-
Repayable in semi-annual installments from May 2021 to May 2031	23,000	23,000	-
Secured borrowings			
Repayable in semi-annual installments from July 2022 to January 2025	356,250	375,000	375,000

(Continued)

	September 30, 2022	December 31, 2021	September 30, 2021
Unsecured borrowings			
Repayable in monthly installments from January 2021 to December 2025	$ 90,100	$ 95,200	$ 96,900
Repayable in quarterly installments from April 2020 to March 2026	63,910	67,837	69,146
Repayable in quarterly installments from July 2019 to March 2026	53,332	56,749	57,888
Repayable in quarterly installments from October 2018 to October 2025	42,450	45,356	46,325
Revolving unsecured borrowings			
Revolving through January 2024	800,000	725,000	500,000
Revolving through September 2023	500,000	-	350,000
Revolving through August 2023	500,000	150,000	150,000
Revolving through April 2025	300,000	-	-
Revolving through September 2023	-	500,000	-
Revolving through April 2024	-	-	200,000
Revolving through July 2023	-	290,000	465,000
Revolving through July 2023	-	500,000	500,000
	4,029,673	3,862,612	3,747,861
Less: Current portion	(162,558)	(115,693)	(108,188)
	$ 3,867,115	$ 3,746,919	$ 3,639,673

(Concluded)

The Group's revolving unsecured borrowings are to be utilized on a revolving basis during the credit period according to the repayment schedule negotiated with banks.

The ranges of interest rates on long-term borrowings at the end of the reporting periods were as follows:

	September 30, 2022	December 31, 2021	September 30, 2021
Pledged or mortgaged borrowings	1.82%-2.46%	1.26%-2.04%	1.44%-2.04%
Secured borrowing	1.96%	1.72%	1.72%
Unsecured borrowings	1.80%-2.16%	1.72%-1.80%	1.72%-1.80%
Revolving unsecured borrowings	1.16%-1.50%	0.75%-0.76%	0.75%-0.78%

19. BONDS PAYABLE

	September 30, 2022	December 31, 2021	September 30, 2021
Domestic unsecured bond	$ 2,500,000	$ 2,500,000	$ 2,500,000
Less: Unamortized issuance cost	(2,274)	(2,745)	(2,902)
	$ 2,497,726	$ 2,497,255	$ 2,497,098

On August 14, 2020, the Group issued unsecured bonds at par value for a total of $2,500 million, which comprise bond A - $1,900 million of 5-year bonds with annual coupon rate of 0.75% and bond B - $600 million of 10-year bonds with annual coupon rate of 1%. Both types of bonds have bullet repayment terms, where simple interest is paid on an annual basis and the principal is repaid on maturity. The trustee of the bonds is Bank SinoPac Company Limited.

20. OTHER PAYABLES

	September 30, 2022	December 31, 2021	September 30, 2021
Payables for equipment	$ 72,902	$ 159,324	$ 191,115
Payables for salaries and bonuses	47,819	42,368	44,232
Payables for purchase of electricity	40,119	1,098	128
Payables for compensation of employees and remuneration of directors	19,080	47,770	36,765
Payables for compensated absences	13,294	12,776	13,237
Payables for repairs	11,663	-	19,878
Payables for professional fees	6,581	5,980	5,030
Payables for interest	3,914	9,857	4,488
Payables for business tax	-	9,233	870
Others	19,026	24,229	11,325
	$ 234,398	$ 312,635	$ 327,068

21. OTHER LIABILITIES

	September 30, 2022	December 31, 2021	September 30, 2021
Other liabilities			
Payables for levies	$ 15,824	$ 2,802	$ 2,908

Pursuant to the Regulations Governing the Installation of Renewable Energy Generation Equipment, the module recovery fees of the Corporation's solar power generation equipment should be calculated based on the installed capacity (kW) of the equipment. The module recovery fees are levied over a period of 10 years and should be paid at the end of each year.

22. PROVISIONS

	September 30, 2022	December 31, 2021	September 30, 2021
Current			
Warranties	$ 263,438	$ 304,799	$ 300,792
Non-current			
Decommissioning costs and liability	$ 14,217	$ 13,986	$ 13,908

	Warranties	Decommissioning Costs and Liability	Total
Balance at January 1, 2022	$ 304,799	$ 13,986	$ 318,785
Additions	42,829	231	43,060
Usage	(45,226)	-	(45,226)
Reversal	(38,964)	-	(38,964)
Balance at September 30, 2022	$ 263,438	$ 14,217	$ 277,655
Balance at January 1, 2021	$ 308,985	$ 13,682	$ 322,667
Additions	92,856	226	93,082
Usage	(30,349)	-	(30,349)
Reversal	(70,700)	-	(70,700)
Balance at September 30, 2021	$ 300,792	$ 13,908	$ 314,700

23. RETIREMENT BENEFIT PLANS

For the nine months ended September 30, 2022 and 2021, the pension expenses of defined benefit plans were calculated based on the actuarially determined pension cost rate on December 31, 2021 and 2020, respectively. The amounts were recognized under the following financial statement accounts:

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	2021	2022	2021
Operating costs	$ 694	$ 723	$ 2,127	$ 2,665
Operating expenses	$ 483	$ 514	$ 1,405	$ 1,774

24. MATURITY ANALYSIS OF ASSETS AND LIABILITIES

The Group's assets and liabilities related to the construction business are classified as either current or non-current based on the operating cycle. The amounts expected to be recovered or settled within one year after the reporting period and more than one year after the reporting period for related assets and liabilities were as follows:

September 30, 2022

	Within One Year	More than One Year	Total
Assets			
Contract assets	$ 1,910,151	$ 3,973	$ 1,914,124
Prepaid construction costs	46,326	-	46,326
	$ 1,956,477	$ 3,973	$ 1,960,450

(Continued)

	Within One Year	More than One Year	Total
Liabilities			
Contract liabilities	$ 21,271	$ 155,733	$ 177,004
Provisions - warranties	7,542	255,896	263,438
	$ 28,813	$ 411,629	$ 440,442

(Concluded)

December 31, 2021

	Within One Year	More than One Year	Total
Assets			
Contract assets	$ 2,221,357	$ 278,173	$ 2,499,530
Prepaid construction costs	18,279	-	18,279
	$ 2,239,636	$ 278,173	$ 2,517,809
Liabilities			
Contract liabilities	$ 361	$ 193,106	$ 193,467
Provisions - warranties	7,888	296,911	304,799
	$ 8,249	$ 490,017	$ 498,266

September 30, 2021

	Within One Year	More than One Year	Total
Assets			
Contract assets	$ 2,024,952	$ 295,074	$ 2,320,026
Prepaid construction costs	18,279	-	18,279
	$ 2,043,231	$ 295,074	$ 2,338,305
Liabilities			
Contract liabilities	$ 537	$ 215,501	$ 216,038
Provisions - warranties	8,111	292,681	300,792
	$ 8,648	$ 508,182	$ 516,830

25. EQUITY

a. Share capital

	September 30, 2022	December 31, 2021	September 30, 2021
Number of authorized ordinary shares (in thousands)	800,000	800,000	800,000
Amount of authorized ordinary shares	$ 8,000,000	$ 8,000,000	$ 8,000,000
Number of issued and fully paid ordinary shares (in thousands)	589,049	589,049	589,049
Amount of issued and fully paid ordinary shares	$ 5,890,486	$ 5,890,486	$ 5,890,486

A holder of issued ordinary shares with par value of $10 is entitled to vote and to receive dividends.

b. Capital surplus

	September 30, 2022	December 31, 2021	September 30, 2021
Issuance of ordinary shares	$ 460,000	$ 460,000	$ 460,000
Conversion of bonds	32,494	32,494	32,494
Share options	7,200	7,200	7,200
	$ 499,694	$ 499,694	$ 499,694

The capital surplus generated from shares issued in excess of par (including additional paid-in capital from issuance of ordinary shares and conversion of bonds) may be used to offset a deficit; in addition, when the Corporation has no deficit, such capital surplus may be transferred to share capital or distributed in cash. Capitalization of such capital surplus is limited to once a year and a certain prescribed percentage of the Corporation’s paid-in capital.

The capital surplus generated from share options may not be used for any purpose except for offsetting a deficit.

c. Retained earnings and dividend policy

Under the dividend policy as set forth in the Corporation’s current articles of incorporation (the “Articles”), where the Corporation made a profit in a fiscal year, the profit shall be first utilized for paying taxes, offsetting losses of previous years, setting aside as legal reserve 10% of the remaining profit, setting aside or reversing special reserve in accordance with the laws and regulations, and then any remaining profit together with any undistributed retained earnings shall be used by the Corporation’s board of directors as the basis for proposing a distribution plan where not less than 70% of distributable retained earnings shall be distributed; the plan should be resolved in the shareholders’ meeting for the distribution of dividends to shareholders. For the policies on the distribution of the compensation of employees and remuneration of directors, please refer to Note 27.f.

The Corporation adopted a balanced dividend policy, where dividends are distributed in the form of both cash and shares, out of which cash dividends shall not be less than 20% of the total dividends distributed. However, the ratio of cash dividends may be reduced to less than 20%, which should be resolved by the shareholders, if the expenditure for a new important investment plan reaches $300 million or above and the Corporation is unable to obtain other funds to meet the cash needs of the plan.

Appropriation of earnings to the legal reserve shall be made until the legal reserve equals the Corporation's paid-in capital. The legal reserve may be used to offset deficit. If the Corporation has no deficit and the legal reserve has exceeded 25% of the Corporation's paid-in capital, the excess may be transferred to capital or distributed in cash.

Items referred to under Rule No. 1090150022 issued by the FSC and in the directive titled "Questions and Answers for Special Reserves Appropriated Following Adoption of IFRSs" should be appropriated to or reversed from a special reserve by the Corporation.

The appropriations of earnings for 2021 and 2020, which had been resolved in the shareholders' meetings on May 31, 2022 and July 30, 2021, respectively, were as follows:

	Appropriation of Earnings	
	2021	2020
Legal reserve	$ 92,370	$ 106,905
Reversal of special reserve	(201,972)	(66,767)
Cash dividends	1,030,835	1,119,192
Dividends per share (NT$)	1.75	1.9

The reversals of the special reserve in 2021 and 2020 were the reversal amount voluntarily set aside in accordance with the Company Act in prior years.

26. REVENUE

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	2021	2022	2021
Revenue from contracts with customers				
Sales				
Sales of electricity	$ 419,679	$ 231,150	$ 914,394	$ 741,670
Sales of steam	15,663	62,680	104,521	173,677
Service concession	19,495	19,064	69,358	19,064
Others	96	79	264	328
	454,933	312,973	1,088,537	934,739
Construction service	221,141	1,144,249	1,366,357	3,720,851
Operations, maintenance and consulting services	68,410	49,713	150,969	123,485
	$ 744,484	$ 1,506,935	$ 2,605,863	$ 4,779,075

a. Contract balances

	September 30, 2022	December 31, 2021	September 30, 2021	January 1, 2021
Notes receivable	$ -	$ -	$ -	$ 293
Accounts receivable (including related parties)	$ 438,847	$ 551,644	$ 679,123	$ 416,558
Contract assets				
Construction contracts	$ 1,914,124	$ 2,499,530	$ 2,320,026	$ 3,772,809
Rendering of services	239,434	141,869	221,026	153,798
	$ 2,153,558	$ 2,641,399	$ 2,541,052	$ 3,926,607
Contract liabilities				
Construction contracts	$ 177,004	$ 193,467	$ 216,038	$ 202,706
Sales	100,496	56,180	37,702	12,079
	$ 277,500	$ 249,647	$ 253,740	$ 214,785

The changes in the contract assets and the contract liabilities balances primarily resulted from the timing difference between the Group's satisfaction of performance obligations and the customer's payment.

The Group measures the loss allowance for contract assets at an amount equal to lifetime ECLs. The contract assets will be transferred to accounts receivable when the corresponding invoice is billed to the customer, and the contract assets have substantially the same risk characteristics as the trade receivables from the same types of contracts. Therefore, the Group concluded that the expected loss rates for trade receivables can be applied to the contract assets. The Group did not recognize an allowance for impairment loss against all of the contract assets.

b. Refer to Note 40 for information about disaggregation of revenue from contracts with customers.

27. NET PROFIT

a. Other income

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	2021	2022	2021
Dividend income	$ -	$ 8,000	$ 8,000	$ 8,000
Compensation income	-	-	-	7,800
Others	2,836	3,886	9,560	9,521
	$ 2,836	$ 11,886	$ 17,560	$ 25,321

b. Other gains and losses

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	2021	2022	2021
Foreign exchange gain	$ 18,274	$ 3,951	$ 45,935	$ 11,987
Gain on disposal of associate	-	-	15,070	-
Foreign exchange loss	(11,283)	(16,882)	(37,414)	(47,029)
Others	(1,760)	-	(2,155)	26
	$ 5,231	$ (12,931)	$ 21,436	$ (35,016)

c. Finance costs

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	2021	2022	2021
Interest on bank loans	$ 14,789	$ 9,842	$ 32,981	$ 26,519
Interest on bonds payable	5,221	5,219	15,659	15,655
Interest on lease liabilities	2,232	2,192	6,683	5,592
Interest on commercial paper	1,810	424	4,530	424
Others	162	347	398	569
	$ 24,214	$ 18,024	$ 60,251	$ 48,759

Information about capitalized interest was as follows:

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	2021	2022	2021
Amount of capitalized interest	$ 593	$ 706	$ 3,975	$ 3,909
Capitalized interest rate	1.56%-1.88%	1.10%-1.72%	1.44%-1.88%	1.10%-1.72%

d. Depreciation and amortization

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	2021 (Retrospectively Adjusted) (Note 15)	2022	2021 (Retrospectively Adjusted) (Note 15)
Property, plant and equipment	$ 66,233	$ 58,970	$ 185,109	$ 176,957
Right-of-use assets	12,538	13,923	37,890	39,965
Intangible assets	17,198	14,475	47,600	30,634
Prepaid power lines usage expense	264	-	352	-
	$ 96,233	$ 87,368	$ 270,951	$ 247,556

(Continued)

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	2021 (Retrospectively Adjusted) (Note 15)	2022	2021 (Retrospectively Adjusted) (Note 15)
An analysis of depreciation by function				
Operating costs	$ 66,329	$ 59,006	$ 185,075	$ 179,979
Operating expenses	12,442	13,887	37,924	36,943
	$ 78,771	$ 72,893	$ 222,999	$ 216,922
An analysis of amortization by function				
Operating costs	$ 9,347	$ 6,563	$ 23,446	$ 6,846
Operating expenses	8,115	7,912	24,506	23,788
	$ 17,462	$ 14,475	$ 47,952	$ 30,634

(Concluded)

e. Employee benefits expense

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	2021	2022	2021
Post-employment benefits				
Defined contribution plans	$ 3,546	$ 3,158	$ 10,264	$ 9,383
Defined benefit plans	1,177	1,237	3,532	4,439
	4,723	4,395	13,796	13,822
Short-term benefits	112,279	108,059	318,040	324,898
Total employee benefits expense	$ 117,002	$ 112,454	$ 331,836	$ 338,720
An analysis of employee benefits expense by function				
Operating costs	$ 71,394	$ 67,375	$ 213,782	$ 199,988
Operating expenses	45,608	45,079	118,054	138,732
	$ 117,002	$ 112,454	$ 331,836	$ 338,720
Short-term benefits				
Wages and salaries	$ 100,364	$ 95,149	$ 281,271	$ 283,211
Labor and health insurance	7,353	7,537	22,455	21,480
Others	4,562	5,373	14,314	20,207
	$ 112,279	$ 108,059	$ 318,040	$ 324,898

f. Compensation of employees and remuneration of directors

The Corporation accrues compensation of employees and remuneration of directors at rates of no less than 0.5% and no higher than 1%, respectively, of net profit before income tax, compensation of employees and remuneration of directors. The compensation of employees and remuneration of directors for the three months ended September 30, 2022 and 2021 and for the nine months ended September 30, 2022 and 2021, respectively, were as follows:

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	**2021**	**2022**	**2021**
Compensation of employees	$ 8,760	$ 8,097	$ 12,696	$ 24,809
Remuneration of directors	2,013	1,750	3,227	7,321

If there will be change in the proposed amount after the annual consolidated financial statements are authorized for issue, the difference will be recorded as a change in accounting estimate.

The compensation of employees and remuneration of directors for the years ended December 31, 2021 and 2020, which had been resolved by the Corporation's board of directors on March 16, 2022 and March 19, 2021, respectively, were as follows:

	For the Year Ended December 31	
	2021	**2020**
Compensation of employees - cash	$ 30,225	$ 30,852
Remuneration of directors	9,496	10,284

There was no difference between the above resolved amounts and the respective amounts recognized in the consolidated financial statements for the years ended December 31, 2021 and 2020.

Information on the compensation of employees and remuneration of directors resolved by the Corporation's board of directors is available at the Market Observation Post System website of the Taiwan Stock Exchange.

28. INCOME TAX

a. Major components of income tax recognized in profit or loss

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	**2021 (Retrospectively Adjusted) (Note 15)**	**2022**	**2021 (Retrospectively Adjusted) (Note 15)**
Current income tax				
In respect of the current period	$ (954)	$ 16,524	$ 39,723	$ 54,608
Income tax on unappropriated earnings	-	-	152	1,674
Adjustments for prior years	-	2,932	-	3,090
	(954)	19,456	39,875	59,372
Deferred income tax				
In respect of the current period	5,170	4,725	3,010	9,302
Income tax expense recognized in profit or loss	$ 4,216	$ 24,181	$ 42,885	$ 68,674

b. Income tax assessments

The income tax returns of the SEC, SSC, SWC, TGE, SKE, YYC, CGPC, MWC and HML through 2020 have been assessed by the tax authorities. The income tax returns of the Corporation through 2019 have been assessed by the tax authorities. Under the local income tax law, TCIC is not obligated to pay income tax.

29. EARNINGS PER SHARE

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	2021	2022	2021
Basic earnings per share (NT$)	$ 0.32	$ 0.25	$ 0.52	$ 1.17
Diluted earnings per share (NT$)	$ 0.32	$ 0.25	$ 0.52	$ 1.17

The earnings and weighted average number of ordinary shares outstanding used in the computation of earnings per share were as follows:

Net profit

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	2021	2022	2021
Earnings used in the computation of basic earnings per share	$ 190,428	$ 146,388	$ 306,689	$ 690,491
Effect of potentially dilutive ordinary shares				
Compensation of employees of the Corporation	-	-	-	-
Earnings used in the computation of diluted earnings per share	$ 190,428	$ 146,388	$ 306,689	$ 690,491

Weighted average number of ordinary shares outstanding (in thousands of shares)

	For the Three Months Ended September 30		For the Nine Months Ended September 30	
	2022	2021	2022	2021
Weighted average number of ordinary shares used in the computation of basic earnings per share	589,049	589,049	589,049	589,049
Effect of potentially dilutive ordinary shares				
Compensation of employees of the Corporation	370	641	591	867
Weighted average number of ordinary shares used in the computation of diluted earnings per share	589,419	589,690	589,640	589,916

The Corporation may settle the compensation of employees in cash or shares; therefore, the Corporation assumes that the entire amount of the compensation will be settled in shares and the resulting potential shares are included in the weighted average number of shares outstanding used in the computation of diluted earnings per share, as the effect is dilutive. Such dilutive effect of the potential shares is included in the computation of diluted earnings per share until the number of shares to be distributed to employees is resolved in the following year.

30. BUSINESS COMBINATIONS

a. Subsidiaries acquired

Subsidiary	Principal Activity	Date of Acquisition	Proportion of Voting Equity Interests Acquired	Consideration Transferred
HML	Fishery and electricity symbiosis	March 10, 2021	100%	$ 69,630

In March 2021, HML was acquired in order to continue the expansion of the Group's activities in renewable energy.

b. Consideration transferred

	HML
Cash	$ 69,630

c. Assets acquired and liabilities assumed at the date of acquisition

	HML
Current assets	
Cash	$ 27,379
Other current assets	2,017
Non-current assets	
Right-of-use assets	292,193
Deferred income tax assets	11,946
Current liabilities	
Other payables	(257)
Other current liabilities	(263)
Non-current liabilities	
Lease liabilities	(306,428)
Deferred income tax liabilities	(1,601)
	$ 24,986

d. Goodwill recognized on acquisition

	HML
Consideration transferred	$ 69,630
Less: Fair value of identifiable net assets acquired	(24,986)
Goodwill recognized on acquisition	$ 44,644

e. Net cash outflow on the acquisition of subsidiary

	HML
Cash balances acquired	$ 27,379
Less: Consideration paid in cash	(69,630)
	$ (42,251)

f. Impact of acquisition on the results of the Group

Had the acquisition of HML been in effect at the beginning of the fiscal year, the Group's operating revenue would have been $4,779,075 thousand, and the profit would have been $688,118 thousand for the nine months ended September 30, 2021.

This pro-forma information is for illustrative purposes only and is not necessarily an indication of the revenue and results of operations of the Group that actually would have been achieved had the acquisition been completed at the beginning of the acquisition year, nor is it intended to be a projection of future results.

31. PARTIAL CASH TRANSACTIONS

a. For the nine months ended September 30, 2022 and 2021, the Group entered into the following partial cash investing activities:

	For the Nine Months Ended September 30	
	2022	2021
Partial cash payments for acquisition of property, plant and equipment		
Acquisition of property, plant and equipment	$ 349,172	$ 338,246
Changes in payables for equipment	84,238	75,613
Changes in payables for levies	(12,955)	-
Depreciation of right-of-use assets	-	(27)
Cash payments	$ 420,455	$ 413,832

b. Changes in liabilities arising from financing activities

For the nine months ended September 30, 2022

	January 1, 2022	Cash Flows	Non-cash Changes			September 30, 2022
			New Leases	Interest Expense	Others	
Short-term borrowings	$ 40,000	$ 17,000	$ -	$ -	$ -	$ 57,000
Short-term bills payable	499,614	499,078	-	4,530	(4,388)	998,834
Long-term loans	3,862,612	167,061	-	-	-	4,029,673
Guarantee deposits received	44,083	(15,399)	-	-	-	28,684
Bonds payable	2,497,255	-	-	15,659	(15,188)	2,497,726
Lease liabilities	503,039	(34,292)	17,345	6,683	(6,774)	486,001
	$ 7,446,603	$ 633,448	$ 17,345	$ 26,872	$ (26,350)	$ 8,097,918

For the nine months ended September 30, 2021

	January 1, 2021	Cash Flows	Non-cash Changes				September 30, 2021
			New Leases	Acquisition of Subsidiary	Interest Expense	Others	
Short-term borrowings	$ 35,000	$ 5,000	$ -	$ -	$ -	$ -	$ 40,000
Short-term bills payable	-	499,171	-	-	424	-	499,595
Long-term loans	3,046,091	701,770	-	-	-	-	3,747,861
Guarantee deposits received	38,419	6,732	-	-	-	-	45,151
Bonds payable	2,496,630	-	-	-	15,655	(15,187)	2,497,098
Lease liabilities	230,810	(37,780)	15,777	306,538	5,592	(5,291)	515,646
	$ 5,846,950	$ 1,174,893	$ 15,777	$ 306,538	$ 21,671	$ (20,478)	$ 7,345,351

32. EXPLANATORY COMMENTS ABOUT THE SEASONALITY OR CYCLICALITY OF INTERIM OPERATIONS

The operations of the cogeneration plant have seasonal characteristics and the electricity price is determined in accordance with TPC’s requirements. During the summer months (starting from June to September), the selling price of electricity is higher. The rest of the months are considered non-summer months. Based on past experience, the Corporation sells electricity and steam it produces to energy users, and sells any remaining electricity to TPC. Revenue is recognized accordingly on a monthly basis. Hence, the peak sales period is from June to September.

Construction and operations, maintenance and consulting services do not have seasonal characteristics. Based on past experience, the Group’s consolidated revenue is recognized based on the progress of each construction project and when services are provided, respectively.

33. CAPITAL MANAGEMENT

The Corporation manages its capital to ensure that entities in the Group will be able to continue as going concerns while maximizing the return to shareholders through the optimization of the debt and equity balance. The Corporation’s overall strategy remains unchanged within recent 5 years.

The capital structure of the Group consists of net debt (borrowings offset by cash and cash equivalents) and equity attributable to owners of the Corporation (comprising ordinary shares, capital surplus, retained earnings and other equity).

Key management personnel of the Corporation review the capital structure on an annual basis. As part of this review, the key management personnel consider the cost of capital and the risks associated with each class of capital. Based on recommendations of the key management personnel, in order to balance the overall capital structure, the Corporation may adjust the amount of dividends paid to shareholders, the number of new shares issued, and/or the amount of new debt issued or existing debt redeemed.

34. FINANCIAL INSTRUMENTS

a. Fair value of financial instruments that are not measured at fair value

Management believes the carrying amounts of the financial assets and financial liabilities not carried at fair value are approximately at their fair values.

b. Fair value of financial instruments that are measured at fair value on a recurring basis

1) Fair value hierarchy

September 30, 2022

	Level 1	Level 2	Level 3	Total
Financial assets at FVTOCI				
Investments in equity instruments				
Domestic unlisted securities	$ -	$ -	$ 267,310	$ 267,310

December 31, 2021

	Level 1	Level 2	Level 3	Total
Financial assets at FVTOCI				
Investments in equity instruments				
Domestic unlisted securities	$ -	$ -	$ 275,310	$ 275,310

September 30, 2021

	Level 1	Level 2	Level 3	Total
Financial assets at FVTOCI				
Investments in equity instruments				
Domestic unlisted securities	$ -	$ -	$ 254,400	$ 254,400

2) Reconciliation of Level 3 fair value measurements of financial instruments

For the nine months ended September 30, 2022

	Financial Assets at FVTOCI - Equity Investments
Beginning balance	$ 275,310
Recognized in other comprehensive loss	(8,000)
Ending balance	$ 267,310

For the nine months ended September 30, 2021

	Financial Assets at FVTOCI - Equity Investments
Beginning balance	$ 249,200
Recognized in other comprehensive income	5,200
Ending balance	$ 254,400

3) Valuation techniques and inputs applied for the purpose of Level 3 fair value measurement

The fair value of domestic unlisted equity securities was determined using the income approach. In this approach, the discounted cash flow method was used to capture the present value of the expected future economic benefits to be derived from the ownership of the investee. The significant unobservable inputs used are listed on the table below. An increase in long-term revenue growth rates or long-term pre-tax operating margin or a decrease in the weighted average cost of capital (WACC) or discount for lack of marketability used in isolation would result in increases in fair value.

	September 30, 2022	December 31, 2021	September 30, 2021
Long-term revenue growth rates	0%-2.65%	0%-2.51%	0%-2.51%
Long-term pre-tax operating margin	40.93%-41.90%	40.93%-41.90%	40.59%-41.93%
WACC	7.48%	10.91%	9.49%
Discount for lack of marketability	12.35%	16.65%	17.62%

If the inputs to the valuation model were changed to reflect reasonably possible alternative assumptions while all the other variables were held constant, the fair value of the equity investments would increase (decrease) as follows:

	September 30, 2022	December 31, 2021	September 30, 2021
Long-term revenue growth rate			
1% increase	$ 29,200	$ 27,400	$ 27,200
1% decrease	$ (24,200)	$ (26,400)	$ (26,200)
WACC			
0.5% increase	$ (20,200)	$ (23,200)	$ (23,600)
0.5% decrease	$ 23,200	$ 26,800	$ 27,600

c. Categories of financial instruments

	September 30, 2022	December 31, 2021	September 30, 2021
Financial assets			
Financial assets measured at amortized cost (Note 1)	$ 3,168,603	$ 3,478,791	$ 3,207,117
Financial assets at FVTOCI	267,310	275,310	254,400

(Continued)

	September 30, 2022	December 31, 2021	September 30, 2021
Financial liabilities			
Measured at amortized cost (Note 2)	$ 10,613,814	$ 10,608,804	$ 10,291,764
			(Concluded)

Note 1: The balances include financial assets measured at amortized cost, which comprise cash and cash equivalents, accounts receivable, part of other receivables, other financial assets and refundable deposits.

Note 2: The balances include financial liabilities measured at amortized cost, which comprise short-term borrowings, short-term bills payable, notes payable, accounts payable, construction costs payable, other payables, guarantee deposits received, bonds payable and long-term borrowings. However, short-term employee benefits payable and payables for business tax are not included.

d. Financial risk management objectives and policies

The Group's financial risk management objectives are to manage the market risk (including foreign currency risk, interest rate risk and other price risk), credit risk and liquidity risk with respect to the Group's operations. To lower the financial risks, the Group seeks to identify, evaluate, and avoid market uncertainty, to minimize the potential unfavorable impact on the Group due to market volatility.

The Group's important financial activities are reviewed by the board of directors in accordance with related regulations and internal control systems. The Group shall follow the overall guidelines for financial risk management and segregation of duties with respect to financial operating procedures.

1) Market risk

a) Foreign currency risk

Refer to Note 38 for the carrying amounts of the Group's significant monetary assets and monetary liabilities denominated in non-functional foreign currencies (including those eliminated in the consolidated financial statements).

Sensitivity analysis

The Group is mainly exposed to the U.S. dollar and the Euro.

The following table details the Group's sensitivity to a 1% increase and decrease in its functional currency against the relevant foreign currencies. A positive number below indicates a decrease in profit before income tax associated with the New Taiwan dollar strengthening 1% against the relevant foreign currency. For a 1% weakening of the New Taiwan dollar, there would be an equal and opposite impact on profit before income tax, and the balances below would be negative.

	For the Nine Months Ended September 30	
	2022	2021
Profit or loss		
USD	$ 1,614	$ 512
EUR	3,373	3,286

b) Interest rate risk

The carrying amounts of the Group's financial assets and financial liabilities with exposure to interest rates at the end of the reporting periods were as follows:

	September 30, 2022	December 31, 2021	September 30, 2021
Fair value interest rate risk			
Financial assets	$ 240,933	$ 145,725	$ 148,625
Financial liabilities	3,982,561	3,499,908	3,512,339
Cash flow interest rate risk			
Financial assets	2,420,613	2,690,386	2,247,296
Financial liabilities	4,086,673	3,902,612	3,787,861

Sensitivity analysis

The sensitivity analyses below were determined based on the Group's exposure to interest rates for non-derivative instruments at the end of the reporting period. For floating rate liabilities, the analysis was prepared assuming the amount of liabilities outstanding at the end of the reporting period was outstanding for the whole year. A 1% increase or decrease in interest rates was used when reporting interest rate risk internally to key management personnel and represents management's assessment of the reasonably possible change in interest rates.

As of September 30, 2022 and 2021, the borrowings with floating interest rates of the Group amounted to $4,086,673 thousand and $3,787,861 thousand, respectively. If interest rates had been 1% higher and all other variables were held constant, the Group's profit before income tax for the nine months ended September 30, 2022 and 2021 would have decreased by $30,650 thousand and $28,409 thousand, respectively.

c) Other price risk

The Group was exposed to equity price risk through its investments in equity securities. Equity investments are held for strategic rather than for trading purposes, the Group does not actively trade these investments.

Sensitivity analysis

The sensitivity analysis below was determined based on the exposure to equity price risks at the end of the period.

If equity prices had been 1% higher/lower, the pre-tax other comprehensive income for the nine months ended September 30, 2022 and 2021 would have increased/decreased by $2,673 thousand and $2,544 thousand, respectively, as a result of the changes in fair value of financial assets at FVTOCI.

2) Credit risk

Credit risk represents the potential loss that would be incurred by the Group if the counterparties or third parties breached the contracts. Financial instruments with positive fair values at the balance sheet date are evaluated for credit risk. The Group only transacts with financial institutions and companies with good credit ratings; thus, no material credit risk is anticipated.

3) Liquidity risk

The Group manages liquidity risk by maintaining adequate cash in banks and banking facilities, and continuously monitoring forecast and actual cash flows as well as matching the maturity profiles of financial assets and liabilities. As of September 30, 2022, December 31, 2021 and September 30, 2021, the available unutilized bank loan facilities were $8,708,126 thousand, $9,016,343 thousand and $9,600,734 thousand, respectively.

The following tables detail the Group’s remaining contractual maturities of its non-derivative financial liabilities with agreed repayment periods. The tables have been drawn up based on the undiscounted cash flows of financial liabilities from the earliest date on which the Group can be required to pay.

September 30, 2022

	Within One Year	2 to 3 Years	4 to 5 Years	5+ Years	Total
Short-term borrowings	$ 57,000	$ -	$ -	$ -	$ 57,000
Short-term bills payable	1,000,000	-	-	-	1,000,000
Non-interest bearing liabilities	3,023,859	3,679	3,043	-	3,030,581
Lease liabilities	57,405	97,935	49,229	378,660	583,229
Long-term borrowings	162,558	2,668,866	492,393	705,856	4,029,673
Bonds payable	20,250	1,938,649	12,000	617,221	2,588,120
	$ 4,321,072	$ 4,709,129	$ 556,665	$ 1,701,737	$ 11,288,603

December 31, 2021

	Within One Year	2 to 3 Years	4 to 5 Years	5+ Years	Total
Short-term borrowings	$ 40,000	$ -	$ -	$ -	$ 40,000
Short-term bills payable	500,000	-	-	-	500,000
Non-interest bearing liabilities	3,703,882	4,842	599	-	3,709,323
Lease liabilities	63,465	120,411	51,336	357,789	593,001
Long-term borrowings	115,693	2,447,076	760,755	539,088	3,862,612
Bonds payable	20,250	40,500	1,920,836	621,721	2,603,307
	$ 4,443,290	$ 2,612,829	$ 2,733,526	$ 1,518,598	$ 11,308,243

September 30, 2021

	Within One Year	2 to 3 Years	4 to 5 Years	5+ Years	Total
Short-term borrowings	$ 40,000	$ -	$ -	$ -	$ 40,000
Short-term bills payable	500,000	-	-	-	500,000
Non-interest bearing liabilities	3,504,155	2,718	337	-	3,507,210
Lease liabilities	60,697	121,887	58,472	366,882	607,938
Long-term borrowings	108,188	2,432,076	750,871	456,726	3,747,861
Bonds payable	20,250	40,500	1,924,399	623,221	2,608,370
	$ 4,233,290	$ 2,597,181	$ 2,734,079	$ 1,446,829	$ 11,011,379

35. RELATED PARTY TRANSACTIONS

Besides as disclosed elsewhere in the other notes, details of significant transactions between the Group and its related parties were disclosed below:

a. Related parties and relationships

Related Party	Relationship with the Group
TPC	Investor with significant influence over the Group
TYC	Associate
Sun Ba	Associate
SEPC	Associate
KKPC	Associate
SBPC	Associate
Mega Green Energy Corporation	Associate (no longer a related party since March 2022)

b. Operating transactions

Line Item	Related Party Category/Name	For the Three Months Ended September 30 2022	For the Three Months Ended September 30 2021	For the Nine Months Ended September 30 2022	For the Nine Months Ended September 30 2021
Sales	Investors with significant influence over the Group				
	TPC	$ 286,271	$ 124,112	$ 461,660	$ 331,588
Construction service revenue	Investors with significant influence over the Group				
	TPC	$ 12,040	$ 139,177	$ 26,273	$ 227,597
	Associates				
	Sun Ba	52,329	-	295,245	-
	Others	4,332	(400)	4,663	11,520
		56,661	(400)	299,908	11,520
		$ 68,701	$ 138,777	$ 326,181	$ 239,117
Operations, maintenance and consulting services revenue	Investors with significant influence over the Group				
	TPC	$ 32,435	$ 41,955	$ 97,565	$ 98,215
	Associates				
	SEPC	1,969	2,512	6,451	6,684
	SBPC	1,402	1,621	5,515	4,870
	Sun Ba	1,515	3,495	4,757	7,661
	Others	-	-	-	395
		4,886	7,628	16,723	19,610
		$ 37,321	$ 49,583	$ 114,288	$ 117,825
Cost of sales	Investors with significant influence over the Group				
	TPC	$ 19,538	$ 5,582	$ 51,821	$ 26,773
	Associates				
	Others	46	27	108	91
		$ 19,584	$ 5,609	$ 51,929	$ 26,864

(Continued)

Line Item	Related Party Category/Name	For the Three Months Ended September 30		For the Nine Months Ended September 30	
		2022	2021	2022	2021
Operations, maintenance and consulting services cost	Investors with significant influence over the Group TPC	$ 10	$ -	$ 10	$ -
Operating expenses	Investors with significant influence over the Group TPC	$ 17	$ -	$ 67	$ -

(Concluded)

The above transactions with related parties were negotiated based on each contract.

c. Non-operating transactions

Line Item	Related Party Category/Name	For the Three Months Ended September 30		For the Nine Months Ended September 30	
		2022	2021	2022	2021
Other income	Associates				
	TYC	$ 1,300	$ 667	$ 2,418	$ 2,067
	KKPC	305	364	1,700	1,831
	Sun Ba	240	299	1,097	1,184
	SEPC	301	323	972	964
	SBPC	269	300	917	1,076
		$ 2,415	$ 1,953	$ 7,104	$ 7,122

The above transactions with related parties were negotiated based on each contract.

d. Receivables from related parties

Line Item	Related Party Category/Name	September 30, 2022	December 31, 2021	September 30, 2021
Accounts receivable from related parties	Investors with significant influence over the Group			
	TPC	$ 252,066	$ 86,499	$ 123,421
	Associates			
	Others	5,106	9,566	6,893
		$ 257,172	$ 96,065	$ 130,314
Other receivables	Associates			
	TYC	$ 211	$ 1,171	$ 203

The outstanding receivables from related parties were unsecured. For the nine months ended September 30, 2022 and 2021, no impairment loss was recognized on receivables from related parties.

e. Payables to related parties

Line Item	Related Party Category/Name	September 30, 2022	December 31, 2021	September 30, 2021
Accounts payable to related parties	Investors with significant influence over the Group			
	TPC	$ 8,122	$ 1,911	$ 1,792
	Associates			
	Others	107	-	176
		$ 8,229	$ 1,911	$ 1,968
Other payables	Investors with significant influence over the Group			
	TPC	$ 665	$ 1,098	$ 128
	Associates			
	Others	31	-	-
		$ 696	$ 1,098	$ 128

The outstanding payables to related parties were unsecured.

f. Contract assets

Related Party Category/Name	September 30, 2022	December 31, 2021	September 30, 2021
Investors with significant influence over the Group			
TPC	$ 921,936	$ 940,059	$ 1,182,502
Associates			
Sun Ba	264,827	-	-
Others	4,663	56,081	-
	269,490	56,081	-
	$ 1,191,426	$ 996,140	$ 1,182,502

g. Contract liabilities

Related Party Category/Name	September 30, 2022	December 31, 2021	September 30, 2021
Investors with significant influence over the Group			
TPC	$ 28,915	$ 64	$ 64

h. Lease agreement

Related Party Category/Name	For the Nine Months Ended September 30 2022	2021
Acquisition of right-of-use assets		
Investors with significant influence over the Group		
TPC	$ -	$ 8,857

Line Item	Related Party Category/Name	September 30 2022	December 31, 2021	September 30, 2021
Lease liabilities - current	Investors with significant influence over the Group			
	TPC	$ 387	$ 322	$ 374
Lease liabilities - non-current	Investors with significant influence over the Group			
	TPC	$ 7,712	$ 8,066	$ 8,099

i. Sublease arrangements

Line Item	Related Party Category/Name	September 30, 2022	December 31, 2021	September 30, 2021
Finance lease receivables - current	Associates			
	Sun Ba	$ 4,571	$ 4,493	$ 4,482
	SBPC	2,911	2,934	2,927
	SEPC	2,522	2,503	2,497
		$ 10,004	$ 9,930	$ 9,906
Finance lease receivables - non-current	Associates			
	Sun Ba	$ 6,176	$ 9,510	$ 10,637
	SBPC	3,933	6,217	6,954
	SEPC	3,409	5,302	5,930
		$ 13,518	$ 21,029	$ 23,521

For the nine months ended September 30, 2022 and 2021, no impairment loss was recognized for finance lease receivables. Refer to Note 8 for information about sublease arrangements.

j. Remuneration of key management personnel

	For the Three Months Ended September 30 2022	2021	For the Nine Months Ended September 30 2022	2021
Short-term employee benefits	$ 7,011	$ 10,463	$ 28,044	$ 33,853
Post-employment benefits	616	473	1,485	1,405
	$ 7,627	$ 10,936	$ 29,529	$ 35,258

The remuneration of directors and key executives was determined by the remuneration committee based on the performance of individuals and market trends.

36. ASSETS PLEDGED OR MORTGAGED AS COLLATERAL

The following assets have been pledged or mortgaged as collateral for long-term borrowings, contract performance and establishment of a branch office:

	September 30, 2022	December 31, 2021	September 30, 2021
Machinery and equipment, net	$ 1,574,159	$ 894,315	$ 316,788
Land	50,135	50,135	50,135
Time deposits (recognized as other financial assets)	10,497	36,049	36,049
Demand deposits (recognized as other financial assets)	16,636	7,803	13,065
Government bonds (recognized as other financial assets)	336	343	340
	$ 1,651,763	$ 988,645	$ 416,377

The market rates of government bonds and cash in bank at the end of the reporting periods were as follows:

	September 30, 2022	December 31, 2021	September 30, 2021
Government bonds	1.900%	1.565%	1.565%
Demand deposits	0.28%-0.33%	0.02%-0.04%	0.03%-0.04%
Time deposits	0.38%-0.765%	0.10%-0.765%	0.10%-0.765%

37. SIGNIFICANT CONTINGENCIES AND UNRECOGNIZED COMMITMENTS

In addition to those disclosed in other notes, significant contingencies and unrecognized commitments of the Group as of September 30, 2022 were as follows:

a. The commitments for construction projects that have not been performed amounted to approximately $12,444,780 thousand.

b. Commitments for construction expenditure and purchase of equipment were approximately $12,284,448 thousand.

c. Under a Coal Purchase Agreement, the Group shall purchase 53 thousand tons of coal based on an agreed price.

d. TPC concluded that IPPs violated the Fair Trade Act with concerted action and caused a loss to TPC.

   In September 2015, TPC filed administrative proceedings in the Taipei High Administrative Court and filed a civil action in the Taipei District Court to claim compensation for the loss. As of September 30, 2022, the closing administrative proceedings and civil action in progress were as follows:

   1) TPC filed administrative proceedings in the Taipei High Administrative Court to claim compensation in the amounts of $4,400 million, $2,500 million, $200 million, and $2,400 million against Sun Ba, SEPC, SBPC, and KKPC, respectively. Subsequently, TPC filed an expanded appeal to claim additional compensation against these companies. The total claim for compensation against Sun Ba, SEPC, SBPC and KKPC was $8,660 million, $4,990 million, $623 million and $4,890 million, respectively. Afterwards, TPC filed an amended appeal against SBPC on February 14, 2020, with the total claim for compensation against SBPC reduced to $380 thousand. The Taipei High Administrative Court considered these cases as private disputes and transferred these cases to Taipei District Court. TPC appealed the ruling to the Supreme Administrative Court. However, the Supreme Administrative Court ruled to dismiss TPC's appeal. These cases have been transferred to Taipei District Court accordingly. On August 9 and September 5, 2018, the case between SEPC and FTC, and the case between KKPC and FTC, respectively, were postponed by the Taipei District Court until the administrative proceedings in the Taiwan High Administrative Court with respect to the alleged concerted action are concluded. However, TPC subsequently withdrew its complaints in June and August 2020. Thus, the cases were deemed actions never initiated.

   2) TPC filed a civil action in the Taipei District Court to claim $4,257 million, $2,489 million, $307 million, and $2,490 million against Sun Ba, SEPC, SBPC, and KKPC, respectively. On February 8, 2018, the Taipei District Court ruled to dismiss TPC's civil action against SBPC. On March 5, 2018, TPC appealed this case to the Taiwan High Court. Afterwards, on June 14, 2018, the Taiwan High Court ruled to postpone this case until the administrative proceedings between SBPC and FTC in the Supreme Administrative Court with respect to the alleged concerted action are concluded. Thereafter, on August 1, 2019, in order to avoid repeating trials of the same facts of the same case that will result in a waste of judicial resources, the Taiwan High Court, within its power and authority, revoked its previous ruling that suspended the proceedings. TPC appealed the ruling to the Taiwan High Court. However, the Supreme Administrative Court ruled to dismiss TPC's appeal on December 11, 2019, and the case is under trial proceedings in the Taiwan High Court. On June 19, 2018, the Taipei District Court ruled to dismiss TPC's civil action against Sun Ba, SEPC and KKPC. On July 13, 2018, TPC appealed this case to the Taiwan High Court. After about three years of trial procedures in the Taiwan High Court (THC), THC ruled to dismiss TPC's appeal and additional claim on November 9, 2021. On December 13, 2021, TPC appealed this case to the Supreme Court, and this case had been transferred to the Supreme Court.

      These companies have engaged attorneys for the above claims. Whether these companies are liable for the damages depends on the judgment by the court.

e. YYC entered into an investment agreement "Yilan Chingshuei Geothermal Power Generation Build, Reconstruction, Operation, and Transfer ("BOT+ROT")" with the Yilan County Government in July 2017, which is effective for a period of 20 years starting from the commencement date of commercial operations of the power generating unit of the operating company that YYC established, namely CGPC. However, two years prior to the expiry of the construction period, a request for a preferential contract may be made to the Yilan County Government, the duration of which is limited to 20 years and limited to one time. CGPC started the generation plant with TPC in February 2021, completed the construction of power generation plant and started trial operations in June 2021 and subsequently acquired the electricity enterprise license in October 2021, after which it started selling electricity to TPC During the operation phase, CGPC shall pay for the annual operating rights before June 30 of each year. The payment for the operating rights is calculated based on the capacity of the power generating units and the agreed proportion of annual sales of electricity. At the expiry of the contract, except for those that do not need to be transferred with the written consent of the Yilan County Government, CGPC shall transfer all existing operating assets and all power plant technologies, operations and maintenance related to the continued operations of the plant to the Yilan County Government or its designated third party.

38. SIGNIFICANT ASSETS AND LIABILITIES DENOMINATED IN FOREIGN CURRENCIES

The following information was aggregated by the foreign currencies other than the functional currencies of the Group, and the exchange rates between the foreign currencies and the respective functional currencies were disclosed. The significant assets and liabilities denominated in foreign currencies were as follows:

September 30, 2022

	Foreign Currency	Exchange Rate	Carrying Amount
Foreign currency assets			
Monetary items			
USD	$ 8,009	31.75	$ 254,293
EUR	11,164	31.26	348,985
Non-monetary items			
Investments accounted for using the equity method			
PHP	288,585	0.5390	155,535
Foreign currency liabilities			
Monetary items			
USD	2,925	31.75	92,856
EUR	373	31.26	11,663

December 31, 2021

	Foreign Currency	Exchange Rate	Carrying Amount
Foreign currency assets			
Monetary items			
USD	$ 4,018	27.68	$ 111,240
EUR	10,888	31.32	341,024
Non-monetary items			
Investments accounted for using the equity method			
PHP	294,181	0.5452	160,376
Foreign currency liabilities			
Monetary items			
USD	3,238	27.68	89,752

September 30, 2021

	Foreign Currency	Exchange Rate	Carrying Amount
Foreign currency assets			
Monetary items			
USD	$ 3,967	27.85	$ 110,499
EUR	10,781	32.32	348,430
Non-monetary items			
Investments accounted for using the equity method			
PHP	329,837	0.5465	180,262
Foreign currency liabilities			
Monetary items			
USD	2,131	27.85	59,314
EUR	599	32.32	19,878

The significant realized and unrealized foreign exchange gains (losses) were as follows:

	For the Three Months Ended September 30			
	2022		2021	
Foreign Currency	Exchange Rate	Net Foreign Exchange Gain	Exchange Rate	Net Foreign Exchange Gain (Loss)
USD	30.404 (USD:NTD)	$ 6,103	27.858 (USD:NTD)	$ 1,125
EUR	30.62 (EUR:NTD)	$ 795	32.85 (EUR:NTD)	$ (14,040)

	For the Nine Months Ended September 30			
	2022		2021	
Foreign Currency	Exchange Rate	Net Foreign Exchange Gain (Loss)	Exchange Rate	Net Foreign Exchange Loss
USD	29.285 (USD:NTD)	$ 11,764	28.067 (USD:NTD)	$ (340)
EUR	31.15 (EUR:NTD)	$ (2,674)	33.59 (EUR:NTD)	$ (34,639)

39. SEPARATELY DISCLOSED ITEMS

a. Information on significant transactions:

1) Financing provided to others (Table 1)

2) Endorsements/guarantees provided (Table 2)

3) Marketable securities held (excluding investment in subsidiaries) (Table 3)

4) Marketable securities acquired or disposed of at costs or prices at least NT$300 million or 20% of the paid-in capital (None)

5) Acquisition of individual real estate at costs of at least NT$300 million or 20% of the paid-in capital (None)

6) Disposal of individual real estate at prices of at least NT$300 million or 20% of the paid-in capital (None)

7) Total purchases from or sales to related parties amounting to at least NT$100 million or 20% of the paid-in capital (Table 4)

8) Receivables from related parties amounting to at least NT$100 million or 20% of the paid-in capital (None)

9) Trading in derivative instruments (None)

10) Intercompany relationships and significant intercompany transactions (Table 6)

b. Information on investees (Table 5)

c. Information on investments in mainland China:

1) Information on any investee company in mainland China, showing the name, principal business activities, paid-in capital, method of investment, inward and outward remittance of funds, ownership percentage, net income of investees, investment income or loss, carrying amount of the investment at the end of the period, repatriations of investment income, and limit on the amount of investment in the mainland China area (None)

2) Any of the following significant transactions with investee companies in mainland China, either directly or indirectly through a third party, and their prices, payment terms, and unrealized gains or losses (None):

a) The amount and percentage of purchases and the balance and percentage of the related payables at the end of the period.

b) The amount and percentage of sales and the balance and percentage of the related receivables at the end of the period.

c) The amount of property transactions and the amount of the resultant gains or losses.

d) The balance of negotiable instrument endorsements or guarantees or pledges of collateral at the end of the period and the purposes.

e) The highest balance, the ending balance, the interest rate range, and total current period interest with respect to financing of funds.

f) Other transactions that have a material effect on the profit or loss for the period or on the financial position, such as the rendering or receipt of services.

d. Information of major shareholders: List all shareholders with ownership of 5% or greater showing the name of the shareholder, the number of shares owned, and percentage of ownership of each shareholder (Table 7)

40. SEGMENT INFORMATION

Information reported to the chief operating decision maker for the purpose of resource allocation and assessment of segment performance focuses on types of goods or services delivered or provided. The Group's reportable segments under IFRS 8 "Operating Segments" were as follows:

- Guantian cogeneration plant (GCP)
- Segment of construction and consulting services (CC)

a. Segment revenue and results

The analysis of the Group's revenue and results from continuing operations by reportable segment was as follows:

	For the Nine Months Ended September 30, 2022		
	GCP	**CC**	**Total**
Revenue from customers	$ 605,511	$ 2,000,352	$ 2,605,863
Segment (loss) profit	$ (115,260)	$ 268,700	$ 153,440
Unallocated operating expenses			(119,470)
Interest income			1,314
Interest expense			(46,988)
Share of profit of associates accounted for using the equity method			336,038
Other non-operating income and expenses			34,400
Profit before income tax			$ 358,734
Depreciation	$ 19,350	$ 175,174	
Amortization	$ 118	$ 26,993	

	For the Nine Months Ended September 30, 2021 (Retrospectively Adjusted) (Note 15)		
	GCP	**CC**	**Total**
Revenue from customers	$ 588,636	$ 4,190,439	$ 4,779,075
Segment profit	$ 68,284	$ 321,657	$ 389,941
Unallocated operating expenses			(64,996)
Interest income			402
Interest expense			(40,287)
Share of profit of associates accounted for using the equity method			488,296
Other non-operating income and expenses			(10,469)
Profit before income tax			$ 762,887
Depreciation	$ 20,137	$ 167,476	
Amortization	$ 118	$ 3,060	

Segment revenue reported above represented the revenue generated from external customers. Segment profit (loss) represented the profit before income tax earned by each segment without allocation of part of operating expenses, share of profit or loss of associates accounted for using the equity method, part of interest income, part of interest expense, and part of other non-operating income and expenses. This was the measure reported to the chief operating decision maker for the purpose of resource allocation and assessment of segment performance.

b. Segment assets and liabilities

	September 30, 2022	December 31, 2021	September 30, 2021 (Retrospectively Adjusted) (Note 15)
Segment assets			
GCP	$ 433,290	$ 490,476	$ 501,402
CC	6,745,344	7,150,129	7,268,362
Total segment assets	7,178,634	7,640,605	7,769,764
Unallocated assets			
Investments accounted for using the equity method	12,556,172	12,750,996	12,597,699
Others	3,489,767	3,662,240	3,071,920
Consolidated total assets	$ 23,224,573	$ 24,053,841	$ 23,439,383
Segment liabilities			
GCP	$ 133,181	$ 65,606	$ 50,592
CC	5,916,394	6,335,146	6,057,653
Total segment liabilities	6,049,575	6,400,752	6,108,245
Unallocated liabilities	5,942,498	5,675,026	5,567,706
Consolidated total liabilities	$ 11,992,073	$ 12,075,778	$ 11,675,951

TAIWAN COGENERATION CORPORATION AND SUBSIDIARIES

FINANCING PROVIDED TO OTHERS
FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2022
(In Thousands of New Taiwan Dollars)

No. (Note 1)	Lender	Borrower	Financial Statement Account (Note 2)	Related Party	Maximum Balance for the Period (Note 3)	Ending Balance (Note 3)	Actual Amount Borrowed (Note 3)	Interest Rate (%)	Nature of Financing (Note 4)	Business Transaction Amount (Note 5)	Reasons for Short-term Financing (Note 6)	Allowance for Impairment Loss	Collateral		Financing Limit for Each Borrower (Note 8)	Aggregate Financing Limit (Note 7)	Note
													Item	Value			
1	SEC	SWC	Other receivables from related parties	Y	$ 68,000	$ -	$ -	-	The need for short-term financing	$ -	Retirement of loans, operating capital	$ -	-	$ -	$ 340,356	$ 680,712	

Note 1: The Corporation and its investees are numbered as follows:

a. “0” for the Corporation.
b. Investees are numbered from “1”.

Note 2: The receivables from associates, receivables from related parties, shareholders’ accounts, prepayments, temporary payments and others as stated shall be filled in if they are classified as financing.

Note 3: Maximum balance for the current and ending balance represent the amount of facilities, not the actual amount borrowed.

Note 4: It is necessary to specify if the nature of financing is for business transactions or short-term financing.

Note 5: If the nature of financing is for business transactions, the amount of business transactions should be specified. The amount of business transactions shall be the total amount of business conducted between the lender and the borrower in the most recent year.

Note 6: If the funds were necessary for short-term financing, the reasons and the beneficiary of financing and the use of the fund, such as retirement of loans, procurement of equipment, and operating capital should be specified.

Note 7: Limit on total amount of financing provided by SEC and subsidiaries to entities was $680,712 thousand, which was calculated at 40% of SEC’s net worth in the current financial statements ($1,701,780 thousand (net worth as of September 30, 2022) × 40%).

Note 8: The financing limit for each borrower was $340,356 thousand, which was calculated at 20% of SEC’s net worth in the current financial statements ($1,701,780 thousand (net worth as of September 30, 2022) × 20%).

TAIWAN COGENERATION CORPORATION AND SUBSIDIARIES

ENDORSEMENTS/GUARANTEES PROVIDED
FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2022
(In Thousands of New Taiwan Dollars)

No (Note 1)	Endorser/Guarantor	Endorsee/Guarantee		Limits on Endorsement/ Guarantee Provided to Each Guaranteed Party	Maximum Balance for the Period (Note 5)	Ending Balance (Note 5)	Amount Actually Drawn (Note 6)	Amount of Endorsement/ Guarantee Collateralized by Properties	Ratio of Accumulated Endorsement/ Guarantee to Net Equity in Latest Financial Statements	Maximum Endorsement/ Guarantee Amount Allowable	Endorsement/ Guarantee Given by Parent on Behalf of Subsidiaries	Endorsement/ Guarantee Given by Subsidiaries on Behalf of Parent	Endorsement/ Guarantee Given on Behalf of Companies in Mainland China
		Name	Relationship (Note 2)										
0	The Corporation	CGPC	b	$ 2,769,188 (Note 3)	$ 204,000	$ 204,000	$ 181,688	$ -	1.84%	$ 4,430,700 (Note 4)	Y	N	N

Note 1: The Corporation and its investees are numbered as follows:

a. "0" for the Corporation.
b. Investees are numbered from "1".

Note 2: There are seven types of relationships between endorser/guarantor and endorsee/guarantee and should be disclosed as one of the following:

a. Companies with business dealings with each other.
b. A company in which the Corporation directly and indirectly holds more than 50% of the voting shares.
c. A company that directly and indirectly holds more than 50% of the voting shares in the Corporation.
d. Between companies in which the Corporation directly and indirectly holds more than 90% of the voting shares.
e. The Corporation fulfills its contractual obligations by providing mutual endorsements/guarantees for another company in the same industry or for joint builders for purposes of undertaking a construction project.
f. All capital contributing shareholders make endorsements/guarantees for their jointly invested company in proportion to their shareholding percentages.
g. Companies in the same industry provide among themselves joint and several security for a performance guarantee of a sales contract for pre-construction homes pursuant to the Consumer Protection Act.

Note 3: Limit on endorsement/guarantee provided by the Corporation to each subsidiary was $2,769,188 thousand, which was calculated at 25% of the Corporation's net worth in the current financial statements ($11,076,750 thousand (net worth as of September 30, 2022) × 25%).

Note 4: Limit on total amount of endorsement/guarantee provided by the Corporation and subsidiaries to entities was $4,430,700 thousand, which was calculated at 40% of the Corporation's net worth in the current financial statements ($11,076,750 thousand (net worth as of September 30, 2022) × 40%)

Note 5: Maximum balance for the period, ending balance and amount of endorsement/guarantee collateralized by properties represent the amounts of facilities, and not the amounts actually drawn.

Note 6: Should be entered amount actually drawn that the endorsed guarantor company use within the maximum balance of the guarantee.

TAIWAN COGENERATION CORPORATION AND SUBSIDIARIES

MARKETABLE SECURITIES HELD
SEPTEMBER 30, 2022
(In Thousands of New Taiwan Dollars)

Holding Company Name	Type and Name of Marketable Securities	Relationship with the Holding Company	Financial Statement Account	September 30, 2022				Note
				Number of Shares (In Thousands)	Carrying Amount	Percentage of Ownership	Fair Value	
The Corporation	Stock							
	KADC	N/A	Financial assets at fair value through other comprehensive income	20,000	$ 248,200	8.00	$ 248,200	
	Synergy	N/A	〃	1,911	19,110	19.11	19,110	

TAIWAN COGENERATION CORPORATION AND SUBSIDIARIES

TOTAL PURCHASES FROM OR SALES TO RELATED PARTIES AMOUNTING TO AT LEAST NT$100 MILLION OR 20% OF THE PAID-IN CAPITAL
FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2022
(In Thousands of New Taiwan Dollars)

Buyer/Seller	Related Party	Relationship	Transaction Details				Transaction with Terms Different from Others		Notes/Accounts Receivable (Payable)		Note
			Purchase/ Sale	Amount	% of Total (Note 4)	Payment Terms	Unit Price	Payment Terms	Ending Balance	% of Total (Note 4)	
The Corporation	TPC	Investor with significant influence over the Group	Sales (Note 1)	$ 237,881	15.53	Receivables are collected within 30 days after billing dates under agreements	$ -	-	$ 92,503	50.65	
SEC	TPC	Investor with significant influence over parent company	Sales (Note 2)	188,342	14.07	Receivables are collected within 30 days after billing dates under agreements	-	-	94,627	58.53	
	The Corporation	Parent company	Sales (Note 3)	396,765	29.63	Receivables are collected within 30 days after billing dates under agreements	-	-	939 (Note 5)	0.58	
	Sun Ba	Investee of the Corporation accounted for using the equity method	Sales (Note 3)	295,341	22.06	Receivables are collected within 30 days after billing dates under agreements	-	-	-	-	
	SSC	Subsidiary	Sales (Note 3)	256,956	19.19	Receivables are collected within 30 days after billing dates under agreements	-	-	757 (Note 5)	0.47	
MWC	TGE	Fellow subsidiary	Sales (Note 1)	226,872	100.00	Receivables are collected within 30 days after billing dates under agreements	-	-	51,369 (Note 5)	100.00	

Note 1: Sales of electricity.

Note 2: Mainly sales of electricity and revenues from construction and operating, maintenance and consulting services.

Note 3: Revenues from construction and operating, maintenance and consulting services.

Note 4: The amount is shown as a ratio of financial statement of each entity.

Note 5: The amount was eliminated upon consolidation.

TAIWAN COGENERATION CORPORATION AND SUBSIDIARIES

NAMES, LOCATIONS, AND RELATED INFORMATION OF INVESTEES
FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2022
(In Thousands of New Taiwan Dollars)

Investor Company	Investee Company	Location	Main Businesses and Products	Original Investment Amount		As of September 30, 2022			Net Profit (Loss) of the Investee	Share of Profit (Loss)	Note
				September 30, 2022	December 31, 2021	Number of Shares (In Thousands)	%	Carrying Amount			
The Corporation	SEC	Taipei City	Undertaking and installing of power engineering projects	$ 1,550,020	$ 1,550,020	142,709 (Note 6)	100.00	$ 1,701,659	$ 80,203	$ 74,688 (Note 2)	Subsidiary (Note 9)
	TCIC	British Virgin Islands	Investment in foreign countries and international trading	685,374	685,374	22,260	100.00	256,036	10,975	10,975	Subsidiary (Note 9)
	YYC	Yilan County	Investment in geothermal power plant	153,000	153,000	15,300	51.00	161,495	18,694	9,534	Subsidiary (Note 9)
	TGE	Taipei City	Investment in green power plant	175,000	175,000	18,500	100.00	203,266	15,012	15,012	Subsidiary (Note 9)
	TYC	Taoyuan City	Cogeneration plants, management of operations, maintenance of equipment	214,240	214,240	35,834	29.31	587,220	228,174	66,880	Investee of the Corporation accounted for using the equity method
	Sun Ba	Tainan City	Power generation	3,073,500	3,073,500	430,000 (Note 5)	43.00	5,714,498	561,488	241,440	Investee of the Corporation accounted for using the equity method
	KKPC	Taoyuan City	Power generation	1,775,426	1,775,426	114,730	35.00	1,794,378	160,423	40,658 (Note 1)	Investee of the Corporation accounted for using the equity method
	SEPC	Changhua County	Power generation	1,272,500	1,272,500	121,500	40.50	2,168,826	(42,220)	(17,099)	Investee of the Corporation accounted for using the equity method
	SBPC	Taipei City	Power generation	1,409,130	1,409,130	136,200	41.27	2,135,715	13,622	5,622	Investee of the Corporation accounted for using the equity method
	MWC	Taipei City	Power generation	673,608	873,608	51,400 (Note 8)	100.00	857,934	61,810	53,212 (Note 3)	Subsidiary (Note 9)
	HML	Changhua County	Power generation	69,630	69,630	6,650	100.00	38,747	(12,854)	(13,074) (Note 4)	Subsidiary (Note 9)
SEC	SWC	Changhua County	Power generation	177,870	177,870	17,787	100.00	170,387	10,479	10,479	Sub-subsidiary (Note 9)
	SSC	Taipei County	Power generation	240,000	240,000	24,000	100.00	197,526	9,666	9,666	Sub-subsidiary (Note 9)
TCIC	Redondo Peninsula Energy, Inc.	Philippines	Power generation	573,165	573,165	8,446	25.00	155,535	(5,852)	(1,463)	Investee of the Corporation's subsidiary accounted for using the equity method
YYC	CGPC	Yilan County	Power generation	250,000	250,000	25,680 (Note 7)	100.00	276,645	19,014	19,014	Sub-subsidiary (Note 9)
TGE	SKE	Taipei County	Power generation	170,000	170,000	-	100.00	176,614	4,353	4,353	Sub-subsidiary (Note 9)

Note 1: It recognized share of profit as $56,148 thousand and amortization of investment premium of $15,490 thousand.
Note 2: It recognized share of profit as $85,203 thousand and unrealized gain on construction and operating, maintenance and consulting services of $10,515 thousand.
Note 3: It recognized share of profit as $61,810 thousand and amortization of investment premium of $8,598 thousand.
Note 4: It recognized share of loss as $(12,854) thousand and amortization of investment premium of $220 thousand.
Note 5: Including capital increased by retained earnings 172,000 thousand shares.
Note 6: Including capital increased by retained earnings 23,785 thousand shares.
Note 7: Including capital increased by retained earnings 680 thousand shares.
Note 8: Including capital reduction 20,000 thousand shares.
Note 9: The amount was eliminated upon consolidation.

TAIWAN COGENERATION CORPORATION AND SUBSIDIARIES

INTERCOMPANY RELATIONSHIPS AND SIGNIFICANT INTERCOMPANY TRANSACTIONS
FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2022
(In Thousands of New Taiwan Dollars)

No. (Note 1)	Company Name	Counterparty	Relationship (Note 2)	Transaction Details			% of Consolidated Operating Revenues or Total Assets (Note 3)
				Financial Statement Account	Amount (Note 4)	Payment Terms (Note 5)	
0	The Corporation	SEC	a	Operating, maintenance and consulting service revenue	$ 8,123	According to general terms and conditions	-
		SEC	a	Accounts receivable from related parties	2,889	According to general terms and conditions	-
		TGE	a	Sales revenue	54,954	According to general terms and conditions	2
		TGE	a	Operating, maintenance and consulting service revenue	2,569	According to general terms and conditions	-
		CGPC	a	Operating, maintenance and consulting service revenue	1,612	According to general terms and conditions	-
		MWC	a	Operating, maintenance and consulting service revenue	1,830	According to general terms and conditions	-
1	SEC	The Corporation	b	Construction revenue	393,833	According to general terms and conditions	15
		The Corporation	b	Operating, maintenance and consulting service revenue	2,932	According to general terms and conditions	-
		The Corporation	b	Contract assets	768,338	According to general terms and conditions	3
		The Corporation	b	Accounts receivable from related parties	939	According to general terms and conditions	-
		SWC	c	Other receivables from related parties	8,288	According to general terms and conditions	-
		SWC	c	Operating, maintenance and consulting service revenue	8,503	According to general terms and conditions	-
		SSC	c	Construction revenue	255,597	According to general terms and conditions	10
		SSC	c	Operating, maintenance and consulting service revenue	1,360	According to general terms and conditions	-
		SSC	c	Accounts receivable from related parties	757	According to general terms and conditions	-
		SSC	c	Other receivables from related parties	3,290	According to general terms and conditions	-
		SSC	c	Contract assets	35,334	According to general terms and conditions	-
		CGPC	c	Accounts receivable from related parties	4,800	According to general terms and conditions	-
		CGPC	c	Contract assets	33,548	According to general terms and conditions	-
		MWC	c	Operating, maintenance and consulting service revenue	6,609	According to general terms and conditions	-
2	MWC	TGE	c	Sales revenue	226,872	According to general terms and conditions	9
		TGE	c	Accounts receivable from related parties	51,369	According to general terms and conditions	-
3	SWC	TGE	c	Sales revenue	48,072	According to general terms and conditions	2
		TGE	c	Accounts receivable from related parties	6,303	According to general terms and conditions	-
4	SKE	TGE	c	Sales revenue	21,376	According to general terms and conditions	1
		TGE	c	Accounts receivable from related parties	5,795	According to general terms and conditions	-

Note 1: Significant transactions between the Corporation and its subsidiaries or among subsidiaries are numbered as follows:

a. “0” for the Corporation.
b. The subsidiaries are numbered consecutively beginning from “1” in the order presented in the table above.

Note 2: Related party transactions are divided into three categories as follows:

a. The Corporation to subsidiary.
b. Subsidiary to the Corporation.
c. Subsidiary to subsidiary.

Note 3: The percentage of consolidated operating revenues or consolidated total assets: For a balance sheet account, the percentage is calculated by dividing the ending balance of the account by consolidated total assets; for an income statement account, the percentage is calculated by dividing the accumulated amount in the current period of the account by the consolidated operating revenues.

Note 4: The amount was eliminated upon consolidation.

Note 5: The payment terms were negotiated based on each contract.

TABLE 7

TAIWAN COGENERATION CORPORATION

INFORMATION OF MAJOR SHAREHOLDERS
SEPTEMBER 30, 2022

Name of Major Shareholder	Shares	
	Number of Shares	Percentage of Ownership
Taiwan Power Company	162,954,279	27.66