

**Gunkul Engineering Public Company Limited  
and its Subsidiaries**

Financial statements for the year ended  
31 December 2021  
and  
Independent Auditor's Report

## **Independent Auditor's Report**

### **To the Shareholders of Gunkul Engineering Public Company Limited**

#### *Opinion*

I have audited the consolidated and separate financial statements of Gunkul Engineering Public Company Limited and its subsidiaries (the "Group") and of Gunkul Engineering Public Company Limited (the "Company"), respectively, which comprise the consolidated and separate statements of financial position as at 31 December 2021, the consolidated and separate statements of comprehensive income, changes in equity and cash flows for the year then ended, and notes, comprising a summary of significant accounting policies and other explanatory information.

In my opinion, the accompanying consolidated and separate financial statements present fairly, in all material respects, the financial position of the Group and the Company, respectively, as at 31 December 2021 and their financial performance and cash flows for the year then ended in accordance with Thai Financial Reporting Standards (TFRSs).

#### *Basis for Opinion*

I conducted my audit in accordance with Thai Standards on Auditing (TSAs). My responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Consolidated and Separate Financial Statements* section of my report. I am independent of the Group and the Company in accordance with the Code of Ethics for Professional Accountants issued by the Federation of Accounting Professions that is relevant to my audit of the consolidated and separate financial statements, and I have fulfilled my other ethical responsibilities in accordance with these requirements. I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my opinion.

### *Key Audit Matters*

Key audit matters are those matters that, in my professional judgment, were of most significance in my audit of the consolidated and separate financial statements of the current period. These matters were addressed in the context of my audit of the consolidated and separate financial statements as a whole, and in forming my opinion thereon, and I do not provide a separate opinion on these matters.

<b>Impairment testing of goodwill and investment in subsidiaries, associate and joint venture</b>	
Refer to Note 3, 10, 11 and 14	
<b>The key audit matter</b>	<b>How the matter was addressed in the audit</b>
The Group consistently considered impairment testing of goodwill, and considered impairment testing of investment in subsidiaries, associate and joint venture when there is an indicator which all mainly affected by market situation. This required management's judgement. Therefore, this is an area of focus in my audit.	<p>My audit procedures in this area included, among others:</p> <ul style="list-style-type: none"><li>• Understanding the impairment testing process of the management including estimated future cash flow and key assumptions used;</li><li>• Testing key assumptions that underpin management's discounted cash flows with reference to market situations and its operating environment, my knowledge of the industry, and other obtained information;</li><li>• Evaluating of the forecasting of financial performances by comparing historical estimation to the actual operating results and;</li><li>• Evaluating the adequacy of the disclosures in accordance with the relevant Thai Financial Reporting Standards.</li></ul>

<b>Revenue and cost of construction services</b>	
Refer to Note 3 and 8	
<b>The key audit matter</b>	<b>How the matter was addressed in the audit</b>
<p>The Group accounts for revenue from construction services by referencing the stage of completion of the constructions. This is assessed by the responsible project's engineers and considered with the actual costs and the estimated costs to complete the constructions.</p> <p>The management and the project's engineers are required to exercise significant judgement to estimate the cost of construction services to complete the contracts that will affect the stage of completion. I considered the stage of completion and estimation for cost of construction services as the key audit matter.</p>	<p>My audit procedures in this areas included, among others;</p> <ul style="list-style-type: none"> <li>• Understanding the processes of the estimation and revision of the estimated costs of construction services;</li> <li>• Testing the estimated costs of construction services which were approved by the management, actual costs, revenue from construction services and unbilled revenue with related contracts and documents;</li> <li>• Comparing the stage of completion determined by engineers with the ratio of actual costs and the estimated costs including tested customers' acceptance documents;</li> <li>• Performing site visits together with the engineers to assess the appropriateness of the actual constructions progress and the stage of completion;</li> <li>• Performing analyses of the actual costs incurred and the estimated costs comparison, gross profits, progress of constructions and challenging the management for any deviations;</li> <li>• Testing the stage of completions and unbilled revenue calculations;</li> <li>• Testing the actual costs incurred after the period ended with related documents;</li> <li>• Evaluating the adequacy of the disclosures in accordance with the relevant Thai Financial Reporting Standards.</li> </ul>

### *Other Information*

Management is responsible for the other information. The other information comprises the information included in the annual report, but does not include the consolidated and separate financial statements and my auditor's report thereon. The annual report is expected to be made available to me after the date of this auditor's report.

My opinion on the consolidated and separate financial statements does not cover the other information and I will not express any form of assurance conclusion thereon.

In connection with my audit of the consolidated and separate financial statements, my responsibility is to read the other information identified above when it becomes available and, in doing so, consider whether the other information is materially inconsistent with the consolidated and separate financial statements or my knowledge obtained in the audit, or otherwise appears to be materially misstated.

When I read the annual report, if I conclude that there is a material misstatement therein, I am required to communicate the matter to those charged with governance and request that the correction be made.

### *Responsibilities of Management and Those Charged with Governance for the Consolidated and Separate Financial Statements*

Management is responsible for the preparation and fair presentation of the consolidated and separate financial statements in accordance with TFRSs, and for such internal control as management determines is necessary to enable the preparation of consolidated and separate financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated and separate financial statements, management is responsible for assessing the Group's and the Company's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Group and the Company or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Group's and the Company's financial reporting process.

### *Auditor's Responsibilities for the Audit of the Consolidated and Separate Financial Statements*

My objectives are to obtain reasonable assurance about whether the consolidated and separate financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes my opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with TSAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these consolidated and separate financial statements.

As part of an audit in accordance with TSAs, I exercise professional judgment and maintain professional skepticism throughout the audit. I also:

- Identify and assess the risks of material misstatement of the consolidated and separate financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for my opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Group's and the Company's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's and the Company's ability to continue as a going concern. If I conclude that a material uncertainty exists, I am required to draw attention in my auditor's report to the related disclosures in the consolidated and separate financial statements or, if such disclosures are inadequate, to modify my opinion. My conclusions are based on the audit evidence obtained up to the date of my auditor's report. However, future events or conditions may cause the Group and the Company to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the consolidated and separate financial statements, including the disclosures, and whether the consolidated and separate financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the consolidated financial statements. I am responsible for the direction, supervision and performance of the group audit. I remain solely responsible for my audit opinion.

I communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that I identify during my audit.

I also provide those charged with governance with a statement that I have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on my independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, I determine those matters that were of most significance in the audit of the consolidated and separate financial statements of the current period and are therefore the key audit matters. I describe these matters in my auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, I determine that a matter should not be communicated in my report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

(Waiyawat Kosamarnchaiyakij)  
Certified Public Accountant  
Registration No. 6333

KPMG Phoomchai Audit Ltd.  
Bangkok  
23 February 2022

# Gunkul Engineering Public Company Limited and its Subsidiaries

## Statement of financial position

Assets	Note	Consolidated		Separate	
		financial statements		financial statements	
		31 December		31 December	
		2021	2020	2021	2020
<i>(in Baht)</i>					
<b>Current assets</b>					
Cash and cash equivalents	5	1,728,926,133	4,391,924,583	360,005,802	339,673,750
Short-term deposits from financial institution					
pledged as collateral	15	2,120,006,725	1,724,375,404	-	-
Trade and other current receivables	4.3, 6	1,465,511,393	2,863,723,261	185,360,111	966,903,135
Current portion of finance lease receivables	7	93,468,047	58,538,686	-	-
Unbilled revenue	8	1,096,476,895	1,225,272,800	-	-
Revenue Department receivable		14,735,188	385,537,470	5,130,574	-
Short-term loans to related parties	4.3	-	-	725,826,044	2,933,806,406
Inventories	9	808,911,788	637,408,172	350,589,544	377,178,712
Derivative assets	27	1,691,907	-	621,900	-
Other current financial assets	27	19,198,138	162,314,840	-	82,000,000
Other current assets		217,889,552	333,391,063	15,619,239	98,285,277
<b>Total current assets</b>		<b>7,566,815,766</b>	<b>11,782,486,279</b>	<b>1,643,153,214</b>	<b>4,797,847,280</b>
<b>Non-current assets</b>					
Other non-current financial assets	4.3	155,509,325	132,868,873	110,584,556	111,360,565
Long-term deposits from financial institution					
pledged as collateral	15	272,952,877	376,094,162	-	-
Loan to related parties	4.3	-	-	296,125,280	324,925,280
Investments in associates	10	374,013,537	409,815,757	397,594,800	397,594,800
Investments in joint ventures	10	1,458,671,597	1,155,928,826	726,177,750	726,177,750
Investments in subsidiaries	11	-	-	15,567,925,805	15,712,437,525
Finance lease receivables	7	1,685,055,462	821,785,263	-	-
Revenue Department receivable		95,268,474	-	-	-
Advance for shares subscription	11	60,000,000	-	60,000,000	-
Investment properties	4.3	55,788,305	-	3,143,658	3,143,658
Property, plant and equipment	4.3, 12	26,535,629,122	26,914,415,177	36,104,708	46,856,891
Right-of-use assets	4.3, 13	543,885,223	710,900,496	47,079,918	54,665,523
Goodwill	14	163,476,324	163,476,324	-	-
Intangible assets	14	3,300,020,027	3,414,649,404	9,816,498	6,835,206
Deferred tax assets	24	53,361,647	56,761,808	27,046,695	37,905,714
Derivative assets	27	53,520,392	-	-	-
Other non-current assets		111,386,156	92,973,746	39,107,029	68,015,824
<b>Total non-current assets</b>		<b>34,918,538,468</b>	<b>34,249,669,836</b>	<b>17,320,706,697</b>	<b>17,489,918,736</b>
<b>Total assets</b>		<b>42,485,354,234</b>	<b>46,032,156,115</b>	<b>18,963,859,911</b>	<b>22,287,766,016</b>

The accompanying notes form an integral part of these financial statements.



## Gunkul Engineering Public Company Limited and its Subsidiaries

### Statement of financial position

Liabilities and equity	Note	Consolidated		Separate	
		financial statements		financial statements	
		31 December		31 December	
		2021	2020	2021	2020
		<i>(in Baht)</i>			
<b>Current liabilities</b>					
Short-term loans from financial institutions	15	1,644,687,925	4,659,281,879	1,219,551,025	4,590,160,022
Short-term loans from related parties	4.3	-	-	95,000,000	182,000,000
Trade and other current payables	4.3	1,681,236,038	2,403,918,800	381,430,809	513,709,350
Unearned revenues		403,626,390	399,672,806	7,094,489	34,200,367
Payable for purchases of assets		50,920,441	1,532,604,348	-	-
Payables for share subscription	10	142,023,500	59,083,480	-	20,726,403
Retention payables		343,872,627	350,552,294	2,121,778	6,612,800
Current portion of long-term loans	15	1,671,895,542	1,496,265,900	28,503,508	28,482,094
Current portion of debentures	15	2,797,530,605	1,819,000,000	2,797,530,605	1,819,000,000
Current portion of lease liabilities	4.3, 15	43,887,801	42,155,085	19,236,757	15,409,287
Derivative liabilities	27	6,375,293	20,705,137	6,375,293	20,520,943
Income tax payable		22,870,422	29,390,046	-	-
Other current liabilities		244,670,017	169,943,278	17,301,632	23,759,195
<b>Total current liabilities</b>		<b>9,053,596,601</b>	<b>12,982,573,053</b>	<b>4,574,145,896</b>	<b>7,254,580,461</b>
<b>Non-current liabilities</b>					
Long-term loans	15	15,487,804,240	14,657,840,218	308,007,919	336,511,427
Debentures	15	3,142,260,354	4,135,584,021	3,142,260,354	4,135,584,021
Retention payables		17,819,979	15,924,784	604,265	87,500
Lease liabilities	4.3, 15	522,807,375	552,532,255	25,073,134	37,132,462
Deferred tax liabilities	24	256,588,537	226,632,783	-	-
Provisions for employee benefit	16	110,151,361	86,538,736	61,055,144	54,463,259
Provision for decommissioning costs of buildings and power plants	17	342,405,666	319,889,987	-	-
Derivative liabilities	27	257,881,409	571,894,192	50,414,138	143,633,082
Other non-current financial liabilities		618,571	618,571	618,571	618,571
Other non-current liabilities		10,198,118	6,814,409	572,724	10,486
<b>Total non-current liabilities</b>		<b>20,148,535,610</b>	<b>20,574,269,956</b>	<b>3,588,606,249</b>	<b>4,708,040,808</b>
<b>Total liabilities</b>		<b>29,202,132,211</b>	<b>33,556,843,009</b>	<b>8,162,752,145</b>	<b>11,962,621,269</b>

The accompanying notes form an integral part of these financial statements.

## Gunkul Engineering Public Company Limited and its Subsidiaries

### Statement of financial position

Liabilities and equity	Note	Consolidated		Separate	
		financial statements		financial statements	
		31 December		31 December	
		2021	2020	2021	2020
		<i>(in Baht)</i>			
<b>Equity</b>					
Share capital	18				
Authorised share capital		<u>2,220,632,743</u>	<u>2,220,632,743</u>	<u>2,220,632,743</u>	<u>2,220,632,743</u>
Issued and paid-up share capital		2,220,632,743	2,220,632,743	2,220,632,743	2,220,632,743
Treasury shares	19	-	(304,674,256)	-	(304,674,256)
Additional paid in capital:					
Premium on ordinary shares	20	5,179,473,454	5,179,473,454	5,179,473,454	5,179,473,454
Share premium on treasury shares		121,791,814	-	121,791,814	-
Difference arising from business combination under common control		(467,953,968)	(467,953,968)	-	-
Deficit from changes in ownership interest in subsidiary		(205,957,015)	(205,957,015)	-	-
Retained earnings					
Appropriated					
Legal reserve	20	222,559,000	222,559,000	222,559,000	222,559,000
Treasury shares reserve	19	-	304,674,256	-	304,674,256
Unappropriated		6,172,752,229	5,781,434,415	3,056,650,755	2,702,479,550
Other components of equity	20	<u>(121,689,324)</u>	<u>(380,345,758)</u>	<u>-</u>	<u>-</u>
<b>Equity attributable to owners of the parent</b>		<b>13,121,608,933</b>	<b>12,349,842,871</b>	<b>10,801,107,766</b>	<b>10,325,144,747</b>
Non-controlling interests		<u>161,613,090</u>	<u>125,470,235</u>	<u>-</u>	<u>-</u>
<b>Total equity</b>		<b><u>13,283,222,023</u></b>	<b><u>12,475,313,106</u></b>	<b><u>10,801,107,766</u></b>	<b><u>10,325,144,747</u></b>
<b>Total liabilities and equity</b>		<b><u>42,485,354,234</u></b>	<b><u>46,032,156,115</u></b>	<b><u>18,963,859,911</u></b>	<b><u>22,287,766,016</u></b>

The accompanying notes form an integral part of these financial statements.

## Gunkul Engineering Public Company Limited and its Subsidiaries

### Statement of comprehensive income

	Note	Consolidated financial statements		Separate financial statements	
		Year ended 31 December		Year ended 31 December	
		2021	2020	2021	2020
<i>(in Baht)</i>					
<b>Revenue</b>					
Revenue from sale	4.1	1,474,969,518	1,495,877,402	1,553,042,920	1,673,022,476
Revenue from sale of electricity		3,387,509,619	2,896,952,073	-	-
Revenue from rendering of services	4.1	223,635,901	124,213,883	16,229,491	20,256,922
Revenue from construction services		1,888,968,782	2,022,418,375	62,230,516	-
Revenue from sale of assets under finance lease	7	970,089,249	913,476,986	-	-
Revenue from adder		1,372,988,568	1,196,404,375	-	-
Dividend income	4.1, 10, 11	-	-	2,667,588,121	2,577,185,095
Net foreign exchange gain		99,712,931	-	30,028,544	18,821,658
Interest income	4.1	11,027,694	10,854,877	52,838,334	29,124,441
Gain on change in fair value of derivatives		377,396,683	-	102,702,664	74,308,660
Gain on bargain purchase		-	259,273,007	-	-
Gain on sale of investment in subsidiary		-	1,977,595,728	-	-
Other income	4.1	61,830,864	77,474,322	15,544,266	940,353
<b>Total revenue</b>		<b>9,868,129,809</b>	<b>10,974,541,028</b>	<b>4,500,204,856</b>	<b>4,393,659,605</b>
<b>Expenses</b>					
Cost of sale	4.2, 9	1,174,979,863	1,110,665,621	1,361,733,961	1,369,403,789
Cost of sale of electricity	4.2	1,895,975,490	1,738,354,708	-	-
Cost of rendering of services		59,990,549	52,881,296	3,379,765	2,561,419
Cost of construction services	4.2	1,571,729,057	1,814,550,944	39,302,264	-
Cost of sale of assets under finance lease	7	870,825,265	891,847,931	-	-
Selling expenses		61,773,369	58,491,311	25,815,845	29,498,367
Administrative expenses and others	4.2	910,307,379	896,785,305	398,761,797	423,580,484
Net foreign exchange loss		-	13,867,001	-	-
Loss on change in fair value of derivatives		-	13,219,384	-	-
Loss on capital reduction of subsidiary	11	130,503,892	-	130,503,892	-
<b>Total expenses</b>		<b>6,676,084,864</b>	<b>6,590,663,501</b>	<b>1,959,497,524</b>	<b>1,825,044,059</b>
Share of profit of associates and joint ventures accounted for using equity method	10	217,836,997	72,595,791	-	-
<b>Profit before finance costs and income tax expense</b>		<b>3,409,881,942</b>	<b>4,456,473,318</b>	<b>2,540,707,332</b>	<b>2,568,615,546</b>
Finance costs	4.2, 23	970,526,311	911,768,869	340,841,686	321,391,732
<b>Profit before income tax expense</b>		<b>2,439,355,631</b>	<b>3,544,704,449</b>	<b>2,199,865,646</b>	<b>2,247,223,814</b>
Tax expense	24	187,837,750	119,411,606	12,458,498	50,072,144
<b>Profit for the year</b>		<b>2,251,517,881</b>	<b>3,425,292,843</b>	<b>2,187,407,148</b>	<b>2,197,151,670</b>

The accompanying notes form an integral part of these financial statements.

## Gunkul Engineering Public Company Limited and its Subsidiaries

### Statement of comprehensive income

	Note	Consolidated financial statements		Separate financial statements	
		Year ended 31 December		Year ended 31 December	
		2021	2020	2021	2020
		<i>(in Baht)</i>			
<b>Other comprehensive income</b>					
<i>Items that will be reclassified subsequently to profit or loss</i>					
Exchange differences on translating foreign operations		258,656,434	200,099,685	-	-
Loss on measurement of financial assets		-	(291,769)	-	-
Income tax relating to items that will be reclassified subsequently to profit or loss	24	-	22,658	-	-
<b>Total items that will be reclassified subsequently to profit or loss</b>		<b>258,656,434</b>	<b>199,830,574</b>	<b>-</b>	<b>-</b>
<i>Items that will not be reclassified to profit or loss</i>					
Loss on remeasurements of defined benefit plans	16	(13,893,041)	-	(7,997,395)	-
Income tax relating to items that will not be reclassified to profit or loss	24	2,778,608	-	1,599,479	-
<b>Total items that will not be reclassified to profit or loss</b>		<b>(11,114,433)</b>	<b>-</b>	<b>(6,397,916)</b>	<b>-</b>
<b>Other comprehensive income (expense) for the year, net of tax</b>		<b>247,542,001</b>	<b>199,830,574</b>	<b>(6,397,916)</b>	<b>-</b>
<b>Total comprehensive income (expense) for the year</b>		<b>2,499,059,882</b>	<b>3,625,123,417</b>	<b>2,181,009,232</b>	<b>2,197,151,670</b>
<b>Profit attributable to:</b>					
Owners of parent		2,229,270,274	3,412,336,597	2,187,407,148	2,197,151,670
Non-controlling interests		22,247,607	12,956,246	-	-
<b>Profit for the year</b>		<b>2,251,517,881</b>	<b>3,425,292,843</b>	<b>2,187,407,148</b>	<b>2,197,151,670</b>
<b>Total comprehensive income (expense) attributable to:</b>					
Owners of parent		2,476,812,275	3,612,167,171	2,181,009,232	2,197,151,670
Non-controlling interests		22,247,607	12,956,246	-	-
<b>Total comprehensive income (expense) for the year</b>		<b>2,499,059,882</b>	<b>3,625,123,417</b>	<b>2,181,009,232</b>	<b>2,197,151,670</b>
<b>Basic earnings per share (in Baht)</b>	25	<b>0.25</b>	<b>0.39</b>	<b>0.25</b>	<b>0.25</b>

The accompanying notes form an integral part of these financial statements.

**Gunkul Engineering Public Company Limited and its Subsidiaries**

**Statement of changes in equity**

Consolidated financial statements															
	Note	Retained earnings							Other components of equity						
		Issued and paid-up share capital	Treasury shares	Share premium	Difference arising from business combination under common control	Deficit from changes in ownership interests in subsidiary	Legal reserve	Treasury shares	Unappropriated	Exchange differences on translating financial statements	Gain (loss) on investments in debt instruments designated at fair value through other comprehensive income	Total other components of equity	Equity attributable to owners of the parent	Non-controlling interests	Total equity
(in Baht)															
<b>Year ended 31 December 2020</b>															
<b>Balance at 1 January 2020</b>		2,220,632,743	(304,674,256)	5,179,473,454	(467,953,968)	-	222,559,000	304,674,256	3,563,649,123	(580,445,443)	269,111	(580,176,332)	10,138,184,020	620,706,683	10,758,890,703
<b>Transactions with owners, recorded directly in equity</b>															
<i>Distributions to owners of the parent</i>															
Subsidiary paid dividend		-	-	-	-	-	-	-	-	-	-	-	-	(5,218,784)	(5,218,784)
Dividend paid to shareholders	26	-	-	-	-	-	-	-	(1,194,551,305)	-	-	-	(1,194,551,305)	-	(1,194,551,305)
<b>Total distributions to owners of the parent</b>		-	-	-	-	-	-	-	<b>(1,194,551,305)</b>	-	-	-	<b>(1,194,551,305)</b>	<b>(5,218,784)</b>	<b>(1,199,770,089)</b>
<i>Changes in ownership interests in subsidiaries</i>															
Acquisition of non-controlling interests without a change in control		-	-	-	-	(205,957,015)	-	-	-	-	-	-	(205,957,015)	(574,042,985)	(780,000,000)
Acquisition of non-controlling interests from businesses combination		-	-	-	-	-	-	-	-	-	-	-	-	1,004,075	1,004,075
Increase of ordinary shares in subsidiary		-	-	-	-	-	-	-	-	-	-	-	-	70,065,000	70,065,000
<b>Total changes in ownership interests in subsidiaries</b>		-	-	-	-	<b>(205,957,015)</b>	-	-	-	-	-	-	<b>(205,957,015)</b>	<b>(502,973,910)</b>	<b>(708,930,925)</b>
<b>Total transactions with owners, recorded directly in equity</b>		-	-	-	-	<b>(205,957,015)</b>	-	-	<b>(1,194,551,305)</b>	-	-	-	<b>(1,400,508,320)</b>	<b>(508,192,694)</b>	<b>(1,908,701,014)</b>
<b>Comprehensive income (expense) for the year</b>															
Profit		-	-	-	-	-	-	-	3,412,336,597	-	-	-	3,412,336,597	12,956,246	3,425,292,843
Other comprehensive income (expense)		-	-	-	-	-	-	-	-	200,099,685	(269,111)	199,830,574	199,830,574	-	199,830,574
<b>Total comprehensive income (expense) for the year</b>		-	-	-	-	-	-	-	<b>3,412,336,597</b>	<b>200,099,685</b>	<b>(269,111)</b>	<b>199,830,574</b>	<b>3,612,167,171</b>	<b>12,956,246</b>	<b>3,625,123,417</b>
<b>Balance at 31 December 2020</b>		<b>2,220,632,743</b>	<b>(304,674,256)</b>	<b>5,179,473,454</b>	<b>(467,953,968)</b>	<b>(205,957,015)</b>	<b>222,559,000</b>	<b>304,674,256</b>	<b>5,781,434,415</b>	<b>(380,345,758)</b>	<b>-</b>	<b>(380,345,758)</b>	<b>12,349,842,871</b>	<b>125,470,235</b>	<b>12,475,313,106</b>

The accompanying notes form an integral part of these financial statements.

Gunkul Engineering Public Company Limited and its Subsidiaries

Statement of changes in equity

Consolidated financial statements													
Note	Issued and paid-up share capital	Treasury shares	Share premium	Share premium on treasury share	Difference arising from business combination under common control	Deficit from changes in ownership interests in subsidiary	Retained earnings			Other components of equity	Equity attributable to owners of the parent	Non-controlling interests	Total equity
							Legal reserve	Treasury shares reserve	Unappropriated	Exchange differences on translating financial statements			
<b>Year ended 31 December 2021</b>													
<b>Balance at 1 January 2021</b>	2,220,632,743	(304,674,256)	5,179,473,454	-	(467,953,968)	(205,957,015)	222,559,000	304,674,256	5,781,434,415	(380,345,758)	12,349,842,871	125,470,235	12,475,313,106
<b>Transactions with owners, recorded directly in equity</b>													
<i>Contributions by and distributions to owners</i>													
Treasury shares sold	19	-	304,674,256	-	121,791,814	-	-	(304,674,256)	304,674,256	-	426,466,070	-	426,466,070
Subsidiary paid dividend		-	-	-	-	-	-	-	-	-	-	(4,039,852)	(4,039,852)
Issue of ordinary shares in subsidiary		-	-	-	-	-	-	-	-	-	-	17,935,100	17,935,100
Dividend paid to shareholders	26	-	-	-	-	-	-	-	(2,131,512,283)	-	(2,131,512,283)	-	(2,131,512,283)
<b>Total contributions by and distributions to owners</b>		-	304,674,256	-	121,791,814	-	-	(304,674,256)	(1,826,838,027)	-	(1,705,046,213)	13,895,248	(1,691,150,965)
<b>Total transactions with owners, recorded directly in equity</b>		-	304,674,256	-	121,791,814	-	-	(304,674,256)	(1,826,838,027)	-	(1,705,046,213)	13,895,248	(1,691,150,965)
<b>Comprehensive income (expense) for the year</b>													
Profit		-	-	-	-	-	-	-	2,229,270,274	-	2,229,270,274	22,247,607	2,251,517,881
Other comprehensive income (expense)		-	-	-	-	-	-	-	(11,114,433)	258,656,434	247,542,001	-	247,542,001
<b>Total comprehensive income (expense) for the year</b>		-	-	-	-	-	-	-	2,218,155,841	258,656,434	2,476,812,275	22,247,607	2,499,059,882
<b>Balance at 31 December 2021</b>	2,220,632,743	-	5,179,473,454	121,791,814	(467,953,968)	(205,957,015)	222,559,000	-	6,172,752,229	(121,689,324)	13,121,608,933	161,613,090	13,283,222,023

The accompanying notes form an integral part of these financial statements.

## Gunkul Engineering Public Company Limited and its Subsidiaries

### Statement of changes in equity

	Note	Separate financial statements					Total equity	
		Issued and paid-up share capital	Treasury shares	Share premium	Retained earnings			
					Legal reserve (in Baht)	Treasury shares reserve		Unappropriated
<b>Year ended 31 December 2020</b>								
<b>Balance at 1 January 2020</b>		<b>2,220,632,743</b>	<b>(304,674,256)</b>	<b>5,179,473,454</b>	<b>222,559,000</b>	<b>304,674,256</b>	<b>1,699,879,185</b>	<b>9,322,544,382</b>
<b>Transactions with owners, recorded directly in equity</b>								
<i>Distributions to owners</i>								
Dividend paid to shareholders	26	-	-	-	-	-	(1,194,551,305)	(1,194,551,305)
<b>Total distributions to owners</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(1,194,551,305)</b>	<b>(1,194,551,305)</b>
<b>Total transactions with owners, recorded directly in equity</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(1,194,551,305)</b>	<b>(1,194,551,305)</b>
<b>Comprehensive income (expense) for the year</b>								
Profit		-	-	-	-	-	2,197,151,670	2,197,151,670
Other comprehensive income (expense)		-	-	-	-	-	-	-
<b>Total comprehensive income (expense) for the year</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,197,151,670</b>	<b>2,197,151,670</b>
<b>Balance at 31 December 2020</b>		<b>2,220,632,743</b>	<b>(304,674,256)</b>	<b>5,179,473,454</b>	<b>222,559,000</b>	<b>304,674,256</b>	<b>2,702,479,550</b>	<b>10,325,144,747</b>

The accompanying notes form an integral part of these financial statements.

**Gunkul Engineering Public Company Limited and its Subsidiaries**

**Statement of changes in equity**

	Note	Separate financial statements							Total equity
		Issued and paid-up share capital	Treasury shares	Share premium	Share premium on treasury share	Retained earnings			
						Legal reserve	Treasury shares reserve	Unappropriated	
(in Baht)									
<b>Year ended 31 December 2021</b>									
Balance at 1 January 2021		2,220,632,743	(304,674,256)	5,179,473,454	-	222,559,000	304,674,256	2,702,479,550	10,325,144,747
<b>Transactions with owners, recorded directly in equity</b>									
<i>Contributions by and distributions to owners</i>									
Treasury shares sold	19	-	304,674,256	-	121,791,814	-	(304,674,256)	304,674,256	426,466,070
Dividend paid to shareholders	26	-	-	-	-	-	-	(2,131,512,283)	(2,131,512,283)
<b>Total contributions by and distributions to owner</b>		<b>-</b>	<b>304,674,256</b>	<b>-</b>	<b>121,791,814</b>	<b>-</b>	<b>(304,674,256)</b>	<b>(1,826,838,027)</b>	<b>(1,705,046,213)</b>
<b>Total transactions with owners, recorded directly in equity</b>		<b>-</b>	<b>304,674,256</b>	<b>-</b>	<b>121,791,814</b>	<b>-</b>	<b>(304,674,256)</b>	<b>(1,826,838,027)</b>	<b>(1,705,046,213)</b>
<b>Comprehensive income (expense) for the year</b>									
Profit		-	-	-	-	-	-	2,187,407,148	2,187,407,148
Other comprehensive income (expense)		-	-	-	-	-	-	(6,397,916)	(6,397,916)
<b>Total comprehensive income (expense) for the year</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,181,009,232</b>	<b>2,181,009,232</b>
<b>Balance at 31 December 2021</b>		<b>2,220,632,743</b>	<b>-</b>	<b>5,179,473,454</b>	<b>121,791,814</b>	<b>222,559,000</b>	<b>-</b>	<b>3,056,650,755</b>	<b>10,801,107,766</b>

The accompanying notes form an integral part of these financial statements.



## Gunkul Engineering Public Company Limited and its Subsidiaries

### Statement of cash flows

	Consolidated		Separate	
	financial statements		financial statements	
	Year ended 31 December		Year ended 31 December	
	2021	2020	2021	2020
	(in Baht)			
<b>Cash flows from operating activities</b>				
Profit for the year	2,251,517,881	3,425,292,843	2,187,407,148	2,197,151,670
<i>Adjustments to reconcile profit to cash receipts (payments)</i>				
Tax expense	187,837,750	119,411,606	12,458,498	50,072,144
Finance costs	970,526,311	911,768,869	340,841,686	321,391,732
Depreciation and amortisation	1,541,984,302	1,353,456,948	30,841,553	14,863,386
Provisions for employee benefits	13,260,381	10,772,722	1,910,410	6,400,674
Unrealised (gain) loss on foreign exchange	(4,891,608)	39,846,270	(10,848,979)	29,068,581
(Gain) loss on change in fair value of derivatives	(377,396,683)	13,219,384	(102,702,664)	(74,308,660)
Share of profit of associates and joint ventures accounted for using equity method	(217,836,997)	(72,595,791)	-	-
Dividend income	-	-	(2,667,588,121)	(2,577,185,095)
(Reversal of) impairment loss recognised in profit or loss	(5,597,502)	5,890,475	(5,597,502)	5,570,988
Impairment loss on investment in subsidiary	-	-	13,512,943	-
Loss on inventories devaluation	225,490	13,477,851	-	4,998,462
Loss on disposal of property, plant and equipment	5,872,810	1,587,372	3,085,139	873,794
Gain on disposal of other debts securities	(888,007)	(513,391)	(486,858)	(98,473)
Loss on fair value adjustment	144,678	188,298	-	-
Gain on bargain purchase	-	(259,273,007)	-	-
Gain on sale of investment in subsidiary	-	(1,977,595,728)	-	-
Loss on capital reduction of subsidiary	130,503,892	-	130,503,892	-
Interest income	(11,027,694)	(10,854,877)	(52,838,334)	(29,124,441)
	4,484,235,004	3,574,079,844	(119,501,189)	(50,325,238)
<i>Changes in operating assets and liabilities</i>				
Short-term deposits from financial institution pledged as collateral	(300,140,637)	810,934,192	-	200,103,712
Trade and other current receivables	1,374,641,989	(1,206,422,843)	783,426,570	(591,632,671)
Lease receivables	41,774,526	53,849,262	-	-
Unbilled revenue	128,795,905	(600,101,336)	-	-
Revenue Department receivable	275,533,808	(165,331,707)	(5,130,574)	2,570,255
Inventories	(171,729,106)	1,893,548	26,589,167	(1,270,176)
Other current assets	107,089,847	(130,204,646)	67,852,181	(62,559,878)
Other non-current financial assets	(22,640,452)	(14,349,411)	776,009	132,622
Other non-current assets	15,578,581	(4,830,540)	33,000,000	-
Trade and other current payables	(820,184,216)	(1,628,468,385)	(132,822,244)	147,971,477
Unearned revenues	3,953,584	(2,647,085)	(27,105,878)	14,672,238
Retention payables	(811,253)	(34,646,551)	(3,974,257)	(2,801,043)
Other current liabilities	74,726,739	8,012,228	(6,457,563)	3,983,453
Provisions for employees benefits	(3,540,798)	(1,225,737)	(3,315,920)	(1,002,270)
Other non-current liabilities	2,090,489	28,861,999	562,240	(627,177)
Net cash generated from (used in) operating activities	5,189,374,010	689,402,832	613,898,542	(340,784,696)
Taxes received (paid)	(180,328,634)	(77,931,180)	5,438,821	(9,532,177)
<b>Net cash from (used in) operating activities</b>	<b>5,009,045,376</b>	<b>611,471,652</b>	<b>619,337,363</b>	<b>(350,316,873)</b>

The accompanying notes form an integral part of these financial statements.

## Gunkul Engineering Public Company Limited and its Subsidiaries

### Statement of cash flows

	Consolidated		Separate	
	financial statements		financial statements	
	Year ended 31 December		Year ended 31 December	
	2021	2020	2021	2020
	<i>(in Baht)</i>			
<b><i>Cash flows from investing activities</i></b>				
Payment for incremental of capital in subsidiaries	-	-	(765,789,287)	(1,411,729,365)
Proceeds from reduction of shares in subsidiary	-	-	766,284,172	-
Acquisition of subsidiaries, net of cash acquired	-	(440,642,857)	-	(311,576,740)
Proceeds from disposal of subsidiaries	-	4,597,985,471	-	-
Proceeds from incremental of shares in non-controlling interest	17,935,100	70,065,000	-	-
Acquisition of business under common control	-	(2,535,975)	-	-
Acquisition of joint venture	(107,976,499)	-	-	-
Payment for incremental of capital in joint ventures	(499,990)	-	-	-
Payment for payable for share subscription	(35,906,694)	-	(22,584,337)	-
Proceeds from sale of other debts securities	2,578,360,331	326,272,590	2,341,987,158	160,098,472
Acquisition of other debts securities	(2,434,500,300)	(465,001,000)	(2,259,500,300)	(242,000,000)
Payment for advance for shares subscription	(60,000,000)	-	(60,000,000)	-
Acquisition of investment property	(55,788,305)	-	-	-
Acquisition of property, plant and equipment	(2,952,402,101)	(3,496,709,518)	(3,425,779)	(7,643,276)
Acquisition of intangible assets	(8,422,244)	(8,720,885)	(6,192,600)	(2,846,680)
Proceeds from sale of property, plant and equipment	5,165,707	5,561,559	30,675	995,592
Proceeds from loans to related parties	-	169,928,657	2,610,237,372	2,396,986,952
Payment for loans to related parties	-	-	(366,600,000)	(4,329,537,498)
Dividend received	216,773,649	197,985,034	2,667,588,121	2,586,224,693
Interest received	11,770,309	11,922,568	56,595,404	29,189,095
<b>Net cash from (used in) investing activities</b>	<b>(2,825,491,037)</b>	<b>966,110,644</b>	<b>4,958,630,599</b>	<b>(1,131,838,755)</b>
<b><i>Cash flows from financing activities</i></b>				
Payment of change in ownership interest in subsidiaries				
without a change in control	-	(780,000,000)	-	(780,000,000)
Proceeds from short-term loans	-	3,620,874,153	-	3,617,171,295
Repayment of short-term loans	(3,018,647,324)	-	(3,372,379,456)	-
Proceeds from loans from related parties	-	-	21,000,000	1,371,000,000
Repayment of loans from related parties	-	-	(108,000,000)	(1,489,537,147)
Proceeds from long-term loans	2,433,105,808	1,743,669,366	-	-
Repayment of long-term loans	(1,612,982,675)	(1,391,695,929)	(28,800,000)	(28,800,000)
Proceeds from debentures	1,791,900,000	1,343,837,657	1,791,900,000	1,343,837,657
Repayment of debentures	(1,819,000,000)	(1,000,000,000)	(1,819,000,000)	(1,000,000,000)
Payment of lease liabilities	(74,739,303)	(247,016,227)	(17,214,350)	(7,903,215)
Proceeds from sale of treasury shares	426,466,070	-	426,466,070	-
Dividend paid to shareholders	(2,131,106,784)	(1,194,489,983)	(2,131,106,784)	(1,194,489,983)
Dividend paid to non-controlling interests	(4,039,852)	(5,218,784)	-	-
Interest paid	(887,131,249)	(905,271,702)	(326,491,867)	(304,724,370)
<b>Net cash from (used in) financing activities</b>	<b>(4,896,175,309)</b>	<b>1,184,688,551</b>	<b>(5,563,626,387)</b>	<b>1,526,554,237</b>

The accompanying notes form an integral part of these financial statements.

## Gunkul Engineering Public Company Limited and its Subsidiaries

### Statement of cash flows

	Consolidated		Separate	
	financial statements		financial statements	
	Year ended 31 December		Year ended 31 December	
	2021	2020	2021	2020
	<i>(in Baht)</i>			
<b>Net increase (decrease) in cash and cash equivalents</b>	<b>(2,712,620,970)</b>	<b>2,762,270,847</b>	<b>14,341,575</b>	<b>44,398,609</b>
Effect of exchange rate changes on cash and cash equivalents	49,622,520	29,434,199	5,990,477	(8,479,681)
Cash and cash equivalents as at 1 January	4,391,924,583	1,600,219,537	339,673,750	303,754,822
<b>Cash and cash equivalents at 31 December</b>	<b>1,728,926,133</b>	<b>4,391,924,583</b>	<b>360,005,802</b>	<b>339,673,750</b>
<b><i>Non-cash transactions</i></b>				
Payables for purchases of property, plant and equipment	50,920,441	1,532,604,348	-	-
Acquisition of assets under finance lease contracts	20,216,823	10,038,242	8,982,491	42,054,486
Finance costs and front end fee capitalise as assets	249,338	1,290,836	-	-
Dividend payable	405,500	61,322	405,500	61,322
Payables for share subscription	142,023,500	59,083,480	-	20,726,403

The accompanying notes form an integral part of these financial statements.

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2021**

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**Gunkul Engineering Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2021**

These notes form an integral part of the financial statements.

The financial statements issued for Thai statutory and regulatory reporting purposes are prepared in the Thai language. These English language financial statements have been prepared from the Thai language statutory financial statements, and were approved and authorised for issue by the Board of Directors on 23 February 2022.

## **1 General information**

Gunkul Engineering Public Company Limited, the “Company”, is incorporated in Thailand and was listed on the Stock Exchange of Thailand on 15 October 2010. The Company’s registered office at 1177 Pearl Bangkok Building, 8<sup>th</sup> floor, Phahonyothin Road, Phaya Thai district, Phaya Thai , Bangkok.

The Company’s major shareholder during the financial year was Gunkul Group Co., Ltd. (49.90% shareholding) which was incorporated in Thailand. The principal shareholder of the Company’s major shareholder is Dhumrongpiyawut family.

The principal activities of the Company and its subsidiaries, the “Group” are manufacturing and distribution of equipments for electrical systems, construction and investing in the generating and selling electricity business. Details of the Company’s subsidiaries as at 31 December 2021 and 2020 are given in note 11.

## **2 Basis of preparation of the financial statements**

### *(a) Statement of compliance*

The financial statements are prepared in accordance with Thai Financial Reporting Standards (“TFRS”), guidelines promulgated by the Federation of Accounting Professions and applicable rules and regulations of the Thai Securities and Exchange Commission.

### *(b) Functional and presentation currency*

These financial statements are presented in Thai Baht, which is the Company’s functional currency.

### *(c) Use of judgements and estimates*

The preparation of financial statements in conformity with TFRS requires management to make judgements, estimates and assumptions that affect the application of the Group’s accounting policies. Actual results may differ from these estimates. Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised prospectively. Relevant information is included in the following notes:

- 3(m) and 7 Whether an arrangement contains a lease; reasonably certain to exercise extension or termination options and sub-lease;
- 3(s) and 8 Determination of stage of completion;
- 14 Key assumptions underlying recoverable amounts of the goodwill;
- 16 Key actuarial assumptions;
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**Gunkul Engineering Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2021**

**3 Significant accounting policies**

The accounting policies set out below have been applied consistently to all periods presented in these financial statements.

**(a) Basis of consolidation**

The consolidated financial statements relate to the Company and its subsidiaries (together referred to as the “Group”) and the Group’s interests in associates and joint ventures.

Subsidiaries are entities controlled by the Group. The Group controls an entity when it is exposed to, or has rights to, variable returns from its involvement with the entity and has the ability to affect those returns through its power over the entity. The financial statements of subsidiaries are included in the consolidated financial statements from the date on which control commences until the date on which control ceases.

When there is a change in the Group’s interest in a subsidiary that do not result in a loss of control, any difference between the amount by which the non-controlling interests are adjusted and the fair value of the consideration paid or received from the acquisition or disposal of the non-controlling interests with no change in control are accounted for as other surpluses/deficits in shareholders’ equity.

When the Group loses control over a subsidiary, it derecognises the assets and liabilities, any related non-controlling interests and other components of equity of the subsidiary. Any resulting gain or loss is recognised in profit or loss. Any interest retained in the former subsidiary is measured at fair value when control is lost.

Associates are those entities in which the Group has significant influence, but not control or joint control, over the financial and operating policies. A joint venture is an arrangement in which the Group has joint control, whereby the Group has rights to the net assets of the arrangement, rather than rights to its assets and obligations for its liabilities.

The Group recognised investments in associates and joint ventures using the equity method in the consolidated financial statements. They are initially recognised at cost, which includes transaction costs. Subsequent to initial recognition, the consolidated financial statements include the Group’s dividend income and share of the profit or loss and other comprehensive income of equity-accounted investees, until the date on which significant influence or joint control ceases.

Intra-group balances and transactions, and any unrealised income or expenses arising from intra-group transactions, are eliminated on consolidation. Unrealised gains arising from transactions with associates and joint ventures are eliminated against the investment to the extent of the Group’s interest in the investee. Unrealised losses are eliminated in the same way as unrealised gains, but only to the extent that there is no evidence of impairment.

*Business combinations*

The Group applies the acquisition method when the Group assess that the acquired set of activities and assets include, at a minimum, an input and a substantive process that together significantly contribute to the ability to create output. The acquisition date is the date on which control is transferred to the Group, other than business combinations with entities under common control. Expenses in connection with a business combination are recognised as incurred.

Goodwill is measured as the fair value of the consideration transferred including the recognised amount of any non-controlling interest in the acquiree, less net fair value of the identifiable assets acquired and liabilities assumed. Any gain on bargain purchase is recognised in profit or loss immediately.

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Consideration transferred includes assets transferred, liabilities incurred by the Group to the previous owners of the acquiree, any contingent consideration and equity interests issued by the Group.

Any contingent consideration is measured at fair value at the date of acquisition, and remeasured at fair value at each reporting date. Subsequent changes in the fair value are recognised in profit or loss.

A contingent liability of the acquiree is assumed in a business combination only if such a liability represents a present obligation and arises from a past event, and its fair value can be measured reliably.

Business combination under common control are accounted for using a method similar to the pooling of interest method, by recognising assets and liabilities of the acquired businesses at their carrying amounts in the consolidated financial statements of the ultimate parent company at the transaction date. The difference between the carrying amount of the acquired net assets and the consideration transferred is recognised as surplus or deficit from business combinations under common control in shareholder's equity. The surplus or deficit will be written off upon divestment of the businesses acquired. The results from operations of the acquired businesses will be included in the consolidated financial statements of the acquirer from the beginning of the comparative period or the moment the businesses came under common control, whichever date is later, until control ceases.

**(b) *Investments in subsidiaries, associates and joint ventures***

Investments in subsidiaries, associates and joint ventures in the separate financial statements are measured at cost less allowance for impairment losses. Dividend income is recognised in profit or loss on the date on which the Group's right to receive payment is established. If the Company disposes of part of its investment, the deemed cost of the part sold is determined using the weighted average method. Gains and losses on disposal of the investments are recognised in profit or loss.

**(c) *Foreign currencies***

Transactions in foreign currencies including non-monetary assets and liabilities denominated in foreign currencies are translated to the respective functional currencies of each entity in the Group at exchange rates at the dates of the transactions. Monetary assets and liabilities denominated in foreign currencies are translated at the exchange rate at the reporting date. Non-monetary assets and liabilities measured at fair value in foreign currencies are translated at the exchange rates at the dates that fair value was determined.

Foreign currency differences are generally recognised in profit or loss.

*Foreign operations*

The assets and liabilities of foreign operations, including goodwill and fair value adjustments arising on acquisition, are translated to Thai Baht at the exchange rates at the reporting date. The revenues and expenses of foreign operations, excluding foreign operations in hyperinflationary economies, are translated to Thai Baht at rates approximating the exchange rates at the dates of the transactions.

Foreign exchange differences are recognised in other comprehensive income and accumulated in the translation reserve until disposal of the investment, except to the extent that the translation difference is allocated to non-controlling interests.

When a foreign operation is disposed of in its entirety or partially such that control, significant influence or joint control is lost, the cumulative amount in the translation reserve related to that foreign operation is reclassified to profit or loss as part of the gain or loss on disposal.

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When the settlement of a monetary item receivable from or payable to a foreign operation is neither planned nor likely in the foreseeable future, exchange gains and losses arising from such a monetary item are considered to form part of a net investment in a foreign operation and are recognised in other comprehensive income, and presented in the translation reserve in equity until disposal of the investment.

**(d) Financial instruments**

*(d.1) Classification and measurement*

Debt securities that the Group issued are initially recognised when they are originated. Other financial assets and financial liabilities (except trade accounts receivables (see note 3(f))) are initially recognised when the Group becomes a party to the contractual provisions of the instrument, and measured at fair value, taking into account for transaction costs that are directly attributable to its acquisition or issue of the securities, except for financial assets and financial liabilities measured at FVTPL, which are initially and subsequently measured at fair value, and any transaction costs that are directly attributable to its acquisition or issue of the securities are recognised in profit or loss.

On initial recognition, a financial asset is classified as measured at: amortised cost; fair value through other comprehensive income (FVOCI); or fair value through profit or loss (FVTPL). Financial assets are not reclassified subsequent to their initial recognition unless the Group changes its business model for managing financial assets, in which case all affected financial assets are reclassified prospectively from the reclassification date.

On initial recognition, financial liabilities are classified as measured at amortised cost using the effective interest method or FVTPL. Interest expense, foreign exchange gains and losses and any gain or loss on derecognition are recognised in profit or loss.

Financial assets measured at amortised costs are subsequently measured at amortised cost using the effective interest method. The amortised cost is reduced by expected credit losses. Interest income, foreign exchange gains and losses, expected credit loss and any gain or loss on derecognition are recognised in profit or loss.

*(d.2) Derecognition and offset*

The Group derecognises a financial asset when the contractual rights to receive the cash flows from the financial asset expire, or it transfers the rights to receive the contractual cash flows in a transaction in which substantially all of the risks and rewards of ownership of the financial asset are transferred or in which the Group neither transfers nor retains substantially all of the risks and rewards of ownership and it does not retain control of the financial asset.

The Group derecognises a financial liability when its contractual obligations are discharged or cancelled, or expire. The Group also derecognises a financial liability when its terms are modified and the cash flows of the modified liability are substantially different, in which case a new financial liability based on the modified terms is recognised at fair value.

The difference between the carrying amount extinguished and the consideration received or paid is recognised in profit or loss.

Financial assets and financial liabilities are offset and the net amount presented in the statement of financial position when, and only when, the Group currently has a legally enforceable right to set off the amounts and the Group intends either to settle them on a net basis or to realise the asset and settle the liability simultaneously.



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*(d.3) Derivatives*

Derivative are recognised at fair value and remeasured at fair value at each reporting date. The gain or loss on remeasurement to fair value is recognised immediately in profit or loss.

*(d.4) Impairment of financial assets other than trade accounts receivables*

The Group recognises ECLs equal to 12-month ECLs unless there has been a significant increase in credit risk of the financial instrument since initial recognition or credit-impaired financial assets, in which case the loss allowance is measured at an amount equal to lifetime ECLs.

ECLs are a probability-weighted estimate of credit losses based on forward-looking and historical experience. Credit losses are measured as the present value of all cash shortfalls discounted by the effective interest rate of the financial asset.

The Group considers a financial asset to have low credit risk when its credit rating is equivalent to the globally understood definition of 'investment grade'. The Group recognises ECLs for low credit risk financial asset as 12-month ECLs.

The Group assumes that the credit risk on a financial asset has increased significantly if it is more than 30 days past due, significant deterioration in credit rating, significant deterioration in the operating results of the debtor and existing or forecast changes in the technological, market, economic or legal environment that have a significant adverse effect on the debtor's ability to meet its obligation to the Group.

The Group considers a financial asset to be in default when:

- the debtor is unlikely to pay its credit obligations to the Group in full, without recourse by the Group to actions such as realising security (if any is held); or
- the financial asset is more than 90 days past due.

*(d.5) Write offs*

The gross carrying amount of a financial asset is written off when the Group has no reasonable expectations of recovering. Subsequent recoveries of an asset that was previously written off, are recognised as a reversal of impairment in profit or loss in the period in which the recovery occurs.

*(d.6) Interest*

Interest income and expense is recognised in profit or loss using the effective interest method. In calculating interest income and expense, the effective interest rate is applied to the gross carrying amount of the asset (when the asset is not credit-impaired) or to the amortised cost of the liability.

**(e) Cash and cash equivalents**

Cash and cash equivalents comprise cash balances, call deposits and highly liquid short-term investments which has a maturity of three months or less from the date of acquisition.

**(f) Trade and other accounts receivable**

A receivable is recognised when the Group has an unconditional right to receive consideration. A receivable is measured at transaction price less allowance for expected credit loss. Bad debts are written off when incurred.

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The Group estimates lifetime expected credit losses (ECLs), using a provision matrix to find ECLs rate. This method groups the debtors based on shared credit risk characteristics and past due status, taking into account historical credit loss data, adjusted for factors that are specific to the debtors and an assessment of both current economic conditions and forward-looking general economic conditions at the reporting date.

**(g) Inventories**

Inventories are measured at the lower of cost and net realisable value. Cost is calculated using the first in first out principle. Cost includes direct costs incurred in acquiring the inventories. In the case of manufactured inventories and work-in-progress, cost includes an appropriate share of production overheads based on normal operating capacity. Net realisable value is the estimated selling price in the ordinary course of business less the estimated costs to complete and to make the sale.

**(h) Unbilled revenue**

Unbilled revenue represents the gross unbilled amount expected to be collected from customers for contract work performed to date. They are measured at costs incurred plus profits recognised to date (see note 8) less progress billings and recognised losses, presented as current asset in the statement of financial position.

**(i) Investment properties**

Investment properties are measured at cost less accumulated depreciation and impairment losses. Cost includes expenditure that is directly attributable to the acquisition of the investment property.

**(j) Property, plant and equipment**

Property, plant and equipment are measured at cost less accumulated depreciation and impairment losses.

Cost includes expenditure that is directly attributable to the acquisition of the asset. The cost of self-constructed assets includes capitalised borrowing costs, and the costs of dismantling and removing the items and restoring the site on which they are located. Purchased software that is integral to the functionality of the related equipment is capitalised as part of that equipment.

Differences between the proceeds from disposal and the carrying amount of property, plant and equipment are recognised in profit or loss.

*Subsequent costs*

The cost of replacing a part of an item of property, plant and equipment is recognised in the carrying amount of the item when the future economic benefits embodied within the part will flow to the Group, and its cost can be measured reliably. The carrying amount of the replaced part is derecognised. The costs of the day-to-day servicing of property, plant and equipment are recognised in profit or loss as incurred.

*Depreciation*

Depreciation is calculated on a straight-line basis over the estimated useful lives of each component of an asset and recognised in profit or loss. No depreciation is provided on freehold land and assets under construction.

The estimated useful lives are as follows:

Building, building improvement and utility system	25 - 30 years
Machinery and equipment	5 - 25 years
Fixtures and office equipments	3 - 5 years
Vehicles	8 - 10 years

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**(k) Goodwill**

Goodwill is measured at cost less accumulated impairment losses. In respect of equity-accounted investee, the carrying amount of goodwill is included in the carrying amount of the investment.

**(l) Intangible assets**

Other intangible assets that have indefinite useful lives are measured at cost less impairment losses. Other intangible assets are measured at cost less accumulated amortisation and impairment losses. Subsequent expenditure is capitalised only when it will generate the future economic benefits. Amortisation is calculated on a straight-line basis over the estimated useful lives of intangible assets and recognised in profit or loss.

The estimated useful lives are as follows:

Software licences	3-5	years
Right to use electrical transmission line	20 and 25	years
Right to power purchase agreement and right to operate	20 and 25	years

**(m) Leases**

At inception of a contract, the Group assesses that a contract is, or contains, a lease when it conveys the right to control the use of an identified asset for a period of time in exchange for consideration.

*As a lessee*

At commencement or on modification of a contract, the Group allocates the consideration in the contract to each lease component on the basis of its relative stand-alone prices of each component.

The Group recognises a right-of-use asset and a lease liability at the lease commencement date, except for leases of low-value assets and short-term leases which is recognised as an expense on a straight-line basis over the lease term.

Right-of-use asset is measured at cost, less any accumulated depreciation and impairment loss, and adjusted for any remeasurements of lease liability. The cost of right-of-use asset includes the initial amount of the lease liability adjusted for any prepaid lease payments, plus any initial direct costs incurred and an estimate of restoration costs, less any lease incentives received. Depreciation is charged to profit or loss on a straight-line method from the commencement date to the end of the lease term, unless the lease transfers ownership of the underlying asset to the Group by the end of the lease term or the Group will exercise a purchase option. In that case the right-of-use asset will be depreciated over the useful life of the underlying asset, which is determined on the same basis as those of property and equipment.

The lease liability is initially measured at the present value of all lease payments that shall be paid under the lease. The Group uses the Group's incremental borrowing rate to discount the lease payments to the present value. The Group determines its incremental borrowing rate by obtaining interest rates from various external financing sources and makes certain adjustments to reflect the terms of the lease and type of the asset leased.

The lease liability is measured at amortised cost using the effective interest method. It is remeasured when there is a lease modification, or a change in the assessment of options specified in the lease. When the lease liability is remeasured, a corresponding adjustment is made to the carrying amount of the right-of-use asset or is recorded in profit or loss if the carrying amount of the right-of-use asset has been reduced to zero.

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*As a lessor*

At inception or on modification of a contract, the Group allocates the consideration in the contract to each component on the basis of their relative standalone selling prices.

At lease inception, the Group considers to classify a lease that transfers substantially all of the risks and rewards incidental to ownership of the underlying asset to lessees as a finance lease. A lease that does not meet this criteria is classified as an operating lease.

When the Group is an intermediate lessor, the Group classifies the sub-lease either as a finance lease or an operating lease with reference to the right-of-use asset arising from the head lease. In case of a head lease is a short-term lease, the sub-lease is classified as an operating lease. Those right-of-use assets are presented as investment properties.

The Group recognises finance lease receivables at the net investment of the leases, which includes the present value of the lease payments, and any unguaranteed residual value, discounted using the interest rate implicit in the lease. Finance lease income reflects a constant periodic rate of return on the Group's net investment outstanding in respect of the leases.

The Group recognises lease payments received under operating leases in profit or loss on a straight-line basis over the lease term as part of other income. Initial direct costs incurred in arranging an operating lease are added to the carrying amount of the leased asset and recognised over the lease term on the same basis as rental income. Contingent rents are recognised as other income in the accounting period in which they are earned.

The Group estimates lifetime expected credit losses (ECLs), using a provision matrix to find ECLs rate. This method groups the lease receivables based on shared credit risk characteristics and past due status, taking into account historical credit loss data, adjusted for factors that are specific to the debtors and an assessment of both current economic conditions and forward-looking general economic conditions at the reporting date. The Group derecognises the lease receivables as disclosed in note 3(d).

**(n) Impairment of non-financial assets**

The carrying amounts of the Group's assets are reviewed at each reporting date to determine whether there is any indication of impairment. If any such indication exists, the assets' recoverable amounts are estimated. For goodwill and intangible assets that have indefinite useful lives or are not yet available for use, the recoverable amount is estimated each year at the same time.

An impairment loss is recognised in profit or loss if the carrying amount of an asset or its cash-generating unit exceeds its recoverable amount.

The recoverable amount is the greater of the asset's value in use and fair value less costs to sell. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset. For an asset that does not generate cash inflows largely independent of those from other assets, the recoverable amount is determined for the cash-generating unit to which the asset belongs.

Impairment losses of assets recognised in prior periods is reversed if there has been a change in the estimates used to determine the recoverable amount. An impairment loss in respect of goodwill is not reversed. An impairment loss is reversed only to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation or amortisation, if no impairment loss had been recognised.

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**(o) Employee benefits**

*Defined contribution plan*

Obligations for contributions to the Group's provident funds are expensed as the related service is provided.

*Defined benefit plans*

The Group's net obligation in respect of defined benefit plans is calculated by estimating the amount of future benefit that employees have earned in the current and prior periods. The defined benefit obligations is discounted to the present value, which performed annually by a qualified actuary using the projected unit credit method.

Remeasurements of the net defined benefit liability, actuarial gain or loss are recognised immediately in OCI. The Group determines the interest expense on the net defined benefit liability for the period by applying the discount rate used to measure the defined benefit obligation at the beginning of the annual period, taking into account any changes in the net defined benefit liability during the period as a result of contributions and benefit payments. Net interest expense and other expenses related to defined benefit plans are recognised in profit or loss.

When the benefits of a plan are changed or when a plan is curtailed, the resulting change in benefit that relates to past service or the gain or loss on curtailment is recognised immediately in profit or loss. The Group recognises gains and losses on the settlement of a defined benefit plan when the settlement occurs.

The Group's net obligation in respect of long-term employee benefits is the amount of future benefit that employees have earned in return for their service in the current and prior periods. That benefit is discounted to determine its present value. Remeasurements are recognised in profit or loss in the period in which they arise.

Termination benefits are expensed at the earlier of when the Group can no longer withdraw the offer of those benefits and when the Group recognizes costs for a restructuring. If benefits are not expected to be settled wholly within 12 months of the end of the reporting period, then they are discounted.

Short-term employee benefits are expensed as the related service is provided. A liability is recognised for the amount expected to be paid if the Group has a present legal or constructive obligation to pay this amount as a result of past service provided by the employee and the obligation can be estimated reliably.

**(p) Provisions**

A provision is recognised if, as a result of a past event, the Group has a present legal or constructive obligation that can be estimated reliably, and it is probable that an outflow of economic benefits will be required to settle the obligation. Provisions are determined by discounting the expected future cash flows at a pre-tax rate that reflects current market assessments of the time value of money and the risks specific to the liability. The unwinding of the discount is recognised as a finance cost.

*Provision for decommissioning costs of buildings and power plants*

The Group recognises provision for decommissioning costs of the buildings or structures with the present value of the estimate of the eventual costs at the lease end date. The recognised provision for decommissioning costs are based on removal cost estimates, removal period, discount rate and future inflation rate. Provision for decommissioning and restoration are discounted to be present value, and are included as part of the assets.

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**(q) Fair value measurement**

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date in the principal or, in its absence, the most advantageous market to which the Group has access at that date. The fair value of a liability reflects its non-performance risk.

When measuring the fair value of an asset or a liability, the Group uses observable market data as far as possible. Fair values are categorised into different levels in a fair value hierarchy based on the inputs used in the valuation techniques as follows:

- Level 1: quoted prices in active markets for identical assets or liabilities.
- Level 2: inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly or indirectly.
- Level 3: inputs for the asset or liability that are based on unobservable input.

The Group recognises transfers between levels of the fair value hierarchy at the end of the reporting period during which the change has occurred.

If an asset or a liability measured at fair value has a bid price and an ask price, then the Group measures assets and asset positions at a bid price and liabilities and liability positions at an ask price.

The best evidence of the fair value of a financial instrument on initial recognition is normally the transaction price – i.e. the fair value of the consideration given or received. If the Group determines that the fair value on initial recognition differs from the transaction price, the financial instrument is initially measured at fair value adjusted for the difference between the fair value on initial recognition and the transaction price and the difference is recognised in profit or loss immediately. However, for the fair value categorised as level 3, such difference is deferred and will be recognised in profit or loss on an appropriate basis over the life of the instrument or until the fair value level is transferred or the transaction is closed out.

**(r) Treasury Shares**

When share capital recognised as equity is repurchased, the amount of consideration paid, including directly attributable costs, is classified as treasury shares and recognised as a deduction from equity. An equal amount is appropriated from retained earnings and taken to a reserve for treasury shares within equity. When treasury shares are sold, the amount received is recognised as an increase in equity by crediting the cost of the treasury shares sold, calculated using the weighted average method, to the treasury shares account and transferring the equivalent amount back from reserve for treasury shares to retained earnings. Surpluses on the sale of treasury shares are taken directly to a separate category within equity, 'Share premium on treasury shares'. Net deficits on sale or cancellation of treasury shares are debited to retained earnings after setting off against any remaining balance of surplus on treasury shares.

**(s) Revenue from contracts with customers**

**(1) Revenue recognition**

Revenue is recognised when a customer obtains control of the goods or services in an amount that reflects the consideration to which the Group expects to be entitled, excluding those amounts collected on behalf of third parties, value added tax or other sales taxes and is after deduction of any trade discounts and volume rebates.

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*Sale of goods and services*

Revenue from sales of goods is recognised on the date on which the goods are delivered to the customers. For the sales that permit the customers to return the goods, the Group estimates the returns based on the historical return data, does not recognise revenue for this transaction and remains recognition of inventory for the estimated products to be returned. data. Revenue for rendering of services is recognised over time as the services are provided.

For bundled packages, the Group recognises revenue from sales of products and rendering of services separately if a product or service is separately identifiable from other items and a customer can benefit from it or the multiple services are rendered in different reporting periods. The consideration received is allocated based on their relative stand-alone selling prices.

*Revenue from sale of electricity*

Revenue from sale of electricity is recognised in profit or loss based on the units of sales delivered at the applicable tariff rates.

*Revenue from construction contracts*

Contract revenue includes the initial amount agreed in the contract plus any variations in contract work, claims and incentive payments to the extent that it is probable that they will result in revenue and can be measured reliably. As soon as the outcome of a construction contract can be estimated reliably, contract revenue and expenses are recognised in profit or loss in proportion to the stage of completion of the contract.

The stage of completion is assessed by reference to surveys of work performed. When the outcome of a construction contract cannot be estimated reliably, contract revenue is recognised only to the extent of contract costs incurred that are likely to be recoverable. An expected loss on a contract is recognised immediately in profit or loss.

*(2) Contract balances*

Contract assets are recognised when the Group has recognised revenue before it has an unconditional right to receive consideration. The contract assets are measured at the amount of consideration that the Group is entitled to, less allowance for expected credit loss. The contract assets are classified as trade receivables when the Group has an unconditional right to receive consideration.

Contract liabilities are the obligation to transfer goods or services to the customer. The contract liabilities are recognised when the Group receives or has an unconditional right to receive non-refundable consideration from the customer before the Group recognises the related revenue.

A refund liability is the obligation to refund some or all of the consideration received from the customer and is measured at the amount the Group ultimately expects it will have to return to the customer. The refund liability is reassessed at each reporting date and make a corresponding change to the amount of revenue recognised.

*(t) Income tax*

Income tax expense for the year comprises current and deferred tax, which is recognised in profit or loss except to the extent that they relate to a business combination, or items recognised directly in equity or in other comprehensive income.

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Current tax is recognised in respect of the taxable income or loss for the year, using tax rates enacted or substantively enacted at the reporting date, and any adjustment to tax payable in respect of previous years.

Deferred tax is recognised in respect of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for taxation purposes. Deferred tax is not recognised for the temporary differences: the initial recognition of goodwill; the initial recognition of assets or liabilities in a transaction that is not a business combination and that affects neither accounting nor taxable profit or loss; and differences relating to investments in subsidiaries and joint ventures to the extent that it is probable that they will not reverse in the foreseeable future.

The measurement of deferred tax reflects the tax consequences that would follow the manner in which the Group expects, at the end of the reporting period, to recover or settle the carrying amount of its assets and liabilities, using tax rates enacted or substantively enacted at the reporting date. Current deferred tax assets and liabilities are offset in the separate financial statements.

A deferred tax asset is recognised to the extent that it is probable that future taxable profits will be available against which the temporary differences can be utilised. Deferred tax assets are reviewed at each reporting date and reduced to the extent that it is no longer probable that the related tax benefit will be realised.

**(u) Earnings per share**

EPS is calculated by dividing the profit or loss attributable to ordinary shareholders of the Company by the weighted average number of ordinary shares outstanding during the period, adjusted for own shares held.

**4 Related parties**

A related party is a person or entity that has direct or indirect control or joint control, or has significant influence over the financial and managerial decision-making of the Group; a person or entity that are under common control or under the same significant influence as the Group; or the Group has direct or indirect control or joint control or has significant influence over the financial and managerial decision-making of a person or entity.

Relationships with subsidiaries, associates and joint ventures are described in notes 10 and 11. Other related parties that the Group had significant transactions with during the year were as follows:

<b>Name of entities</b>	<b>Country of Incorporation</b>	<b>Nature of relationships</b>
Gunkul Group Co., Ltd.	Thailand	Major shareholder
Rang-Ngern Solution Co., Ltd.	Thailand	Indirect subsidiary and/or common directors
Outgrow D Co.,Ltd. <sup>(3)</sup>	Thailand	Indirect subsidiary and/or common directors
Gunkul Solar Power 1 Co., Ltd.	Thailand	Indirect subsidiary and/or common directors
Gunkul Solar Power 2 Co., Ltd.	Thailand	Indirect subsidiary and/or common directors
Future Electrical Control Co., Ltd.	Thailand	Indirect subsidiary and/or common directors
Joint Venture GPD & TEECL Co.,Ltd.	Thailand	Indirect subsidiary and/or common directors
Joint Venture FEC & PPB Co.,Ltd. <sup>(2)</sup>	Thailand	Indirect subsidiary and/or common directors
Future Energy Corporation Co., Ltd.	Thailand	Indirect subsidiary and/or common directors
Gunkul B2B Co., Ltd.	Thailand	Indirect subsidiary and/or common directors
Gunkul International Investment (Singapore) Pte. Ltd.	Singapore	Indirect subsidiary and/or common directors
Gunkul Myanmar Central Power 1 Company Limited	Myanmar	Indirect subsidiary and/or common directors



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<b>Name of entities</b>	<b>Country of Incorporation</b>	<b>Nature of relationships</b>
Singapore An Yang Pte. Ltd.	Singapore	Indirect subsidiary and/or common directors
Singapore Yun Yang Pte. Ltd.	Singapore	Indirect subsidiary and/or common directors
G.K. Smart Farming Co., Ltd.	Thailand	Indirect subsidiary and/or common directors
G.K. Bio Extraction Co., Ltd.	Thailand	Indirect subsidiary and/or common directors
Future Power Construction Co., Ltd.	Thailand	Indirect subsidiary and/or common directors
Sendai Okura GD Daiichi Godo Kaisha	Japan	Indirect subsidiary
Kimitsu Mega Solar Godo Kaisha	Japan	Indirect subsidiary
Future Asset Management Kabushiki Kaisha	Japan	Indirect subsidiary
GD Solar Utsunomiya Godo Kaisha <sup>(1)</sup>	Japan	Indirect subsidiary
East Japan Solar 13 Godo Kaisha <sup>(1)</sup>	Japan	Indirect subsidiary
Tri Viet Hoa Binh Joint Stock Company	Vietnam	Indirect subsidiary
Bach Khoa A Chau Hoa Binh Joint Stock Company	Vietnam	Indirect subsidiary
Tri Viet Tay Ninh Joint Stock Company	Vietnam	Indirect subsidiary
Bach Khoa A Chau Tay Ninh Joint Stock Company	Vietnam	Indirect subsidiary
Tan Chau Energy Joint Stock Company	Vietnam	Indirect subsidiary
INT Energy Pte. Ltd.	Singapore	Indirect subsidiary
Gunkul Trading and Agency Co., Ltd.	Thailand	Common directors
G.M.Supply and Construction Co., Ltd.	Thailand	Common directors
Gunkul Engineering (2000) Co., Ltd.	Thailand	Common directors
Great Miracle Asset Co., Ltd.	Thailand	Common directors
Great Miracle Asset 2 Co., Ltd.	Thailand	Common directors
Great Miracle Asset 3 Co., Ltd.	Thailand	Common directors
Great Miracle Asset 4 Co., Ltd.	Thailand	Common directors
Great Miracle Asset 5 Co., Ltd.	Thailand	Common directors
Great Miracle Asset 7 Co., Ltd.	Thailand	Common directors
Great Miracle Asset 8 Co., Ltd.	Thailand	Common directors
Great Miracle Asset 9 Co., Ltd.	Thailand	Common directors
Great Miracle Asset 10 Co., Ltd.	Thailand	Common directors
Great Miracle Asset 11 Co., Ltd.	Thailand	Common directors
Great Miracle Asset 13 Co., Ltd.	Thailand	Common directors
Great Miracle Asset 14 Co., Ltd.	Thailand	Common directors
Pranburi Boulevard Co., Ltd.	Thailand	Common directors
Noprakul Co., Ltd.	Thailand	Holding by the director
Gunkul Marine Line Co., Ltd.	Thailand	Holding by the director
Green Filed Energy Co., Ltd.	Thailand	Holding by the director
Kulnatee Co., Ltd.	Thailand	Holding by close relative of a director
P.M. Building Group Co., Ltd.	Thailand	Holding by close relative of a director
Thonglor 9 Co., Ltd. <sup>(1)</sup>	Thailand	Holding by major shareholder
Tech-Green Co., Ltd. <sup>(2)</sup>	Thailand	Holding by major shareholder
Siam Future Co., Ltd.	Thailand	Holding by major shareholder
Entirety Sap Co., Ltd. <sup>(2)</sup>	Thailand	Holding by major shareholder
Happy Green 2558 Co., Ltd.	Thailand	Holding by major shareholder

<sup>(1)</sup> Sale of investment during the year 2020.

<sup>(1)</sup> The liquidation was completed during the year 2020.

<sup>(3)</sup> The liquidation was completed during the year 2021.

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The pricing policies for particular types of transactions are explained further below:

<b>Transactions</b>	<b>Pricing policies</b>
Purchase and sale of goods	Cost plus 5% to 30%
Services fee	Contractually agreed prices
Interest income and expense	Interest rate equal to interest rate of loan from financial institution
Rental	Contractually agreed prices
Purchase and sales of assets	Net book value
Construction expense	Contractually agreed prices

4.1 Significant revenue transactions for the years ended 31 December with related parties were as follows:

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
<b>Revenue from sale</b>				
Subsidiaries	-	-	489,202	353,915
Joint ventures	811	640	-	378
Other related parties	216	-	-	-
<b>Total revenue from sale</b>	<b>1,027</b>	<b>640</b>	<b>489,202</b>	<b>354,293</b>
<b>Revenue from rendering of services</b>				
<b>Revenue from operation and maintenance services</b>				
Subsidiaries	-	-	3,759	2,242
Associate	28,945	27,866	-	-
Joint ventures	23,028	23,422	-	-
<b>Management service income</b>				
Subsidiaries	-	-	1,949	5,805
Joint ventures	5,748	5,527	5,748	5,527
<b>Other services income</b>				
Associate	-	16,590	-	-
Joint ventures	6	32,295	-	-
Other related parties	12	10	-	-
<b>Total revenue from rendering of services</b>	<b>57,739</b>	<b>105,710</b>	<b>11,456</b>	<b>13,574</b>
<b>Dividend income</b>				
Subsidiaries	-	-	2,450,814	2,379,200
Associate	-	-	71,350	61,938
Joint ventures	-	-	145,424	136,047
<b>Total dividend income</b>	<b>-</b>	<b>-</b>	<b>2,667,588</b>	<b>2,577,185</b>

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
<b>Interest income</b>				
Subsidiaries	-	-	52,250	27,541
Joint ventures	-	342	-	342
<b>Total interest income</b>	<b>-</b>	<b>342</b>	<b>52,250</b>	<b>27,883</b>
<b>Other income – rental income</b>				
Subsidiaries	-	-	541	255
<b>Total other income</b>	<b>-</b>	<b>-</b>	<b>541</b>	<b>255</b>

4.2 Significant expenses transactions for the years ended 31 December with related parties were as follows:

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
<b>Cost of goods sold - purchase of goods and services</b>				
Subsidiaries	-	-	353,490	387,193
<b>Total cost of goods sold</b>	<b>-</b>	<b>-</b>	<b>353,490</b>	<b>387,193</b>
<b>Cost of construction services</b>				
Subsidiaries	-	-	3,880	-
<b>Total cost of construction services</b>	<b>-</b>	<b>-</b>	<b>3,880</b>	<b>-</b>
<b>Administrative expenses and others</b>				
<b>Training expense</b>				
Subsidiaries	-	-	327	438
Joint ventures	-	3	-	-
<b>Office and warehouse rental fee</b>				
Other related parties	-	6,438	-	6,438
<b>Other administrative expenses</b>				
Subsidiaries	-	-	1	3
<b>Total administrative expenses and others</b>	<b>-</b>	<b>6,441</b>	<b>328</b>	<b>6,879</b>
<b>Finance costs</b>				
<b>Interest expense on loan</b>				
Subsidiaries	-	-	2,588	3,805
<b>Interest expense – lease liabilities</b>				
Other related parties	915	28	722	-
<b>Total finance costs</b>	<b>915</b>	<b>28</b>	<b>3,310</b>	<b>3,805</b>

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	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
<b>Key management personnel</b>				
Key management personnel compensation				
Short-term employee benefit	189,740	181,310	142,744	145,486
Post-employment benefits	3,234	3,225	2,891	2,901
<b>Total</b>	<b>192,974</b>	<b>184,535</b>	<b>145,635</b>	<b>148,387</b>

4.3 Balances as at 31 December with related parties were as follows:

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
<b>Purchase of investment property</b>				
Associate	55,788	-	-	-
<b>Purchase of assets</b>				
Other related parties	21	-	21	-
<b>Sale of assets</b>				
Subsidiaries	-	-	37	77
<b>Purchase of right-of-use assets</b>				
Other related parties	10,058	22,740	5,612	18,299
<b>Trade accounts receivable</b>				
Subsidiaries	-	-	94,394	448,316
Associate	1,586	1,586	-	-
Joint ventures	197	455	-	-
Other related parties	6	2	-	-
	1,789	2,043	94,394	448,316
Less allowance for expected credit loss	-	-	-	-
<b>Total</b>	<b>1,789</b>	<b>2,043</b>	<b>94,394</b>	<b>448,316</b>
<b>Other receivables</b>				
Subsidiaries	-	-	7,297	9,703
Joint venture	513	68,712	513	493
<b>Total</b>	<b>513</b>	<b>68,712</b>	<b>7,810</b>	<b>10,196</b>
<b>Loans to</b>				
Subsidiaries				
- Current portion of loans to	-	-	725,826	2,933,806
- Non - current portion of loans to	-	-	296,125	324,925
<b>Other non-current financial assets</b>				
Associate	106,764	106,764	106,764	106,764

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	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
<b><i>Trade accounts payable</i></b>				
Subsidiaries	-	-	<b>64,043</b>	<b>70,033</b>
<b><i>Other current payables</i></b>				
Subsidiaries	-	-	4,027	424
Associate	-	1,301	-	-
Joint venture	3,126	3,126	-	-
<b>Total</b>	<b>3,126</b>	<b>4,427</b>	<b>4,027</b>	<b>424</b>
<b><i>Lease liabilities</i></b>				
Other related parties	<b>22,618</b>	<b>22,740</b>	<b>16,221</b>	<b>18,299</b>
<b><i>Loans from</i></b>				
Subsidiaries	-	-	<b>95,000</b>	<b>182,000</b>

***Significant agreements with related parties***

As at 31 December 2021, the Group had agreements with related parties as follows:

***Land building and properties lease/sublease agreements***

The Company has land lease agreement for power plants construction with a subsidiary for the period of 26 years expiring in September 2039. The subsidiary has committed to pay rental fee as stipulated in the agreement.

The Company and certain subsidiaries have land lease, sublease of land, building and properties with certain related parties. The agreements are for period of 2-3 years and shall be renewable. The Company and subsidiaries have committed to pay rental fee as stipulated in the agreements.

The Company and certain subsidiaries have lease/sublease of land, building, property and rooftop space with its subsidiaries in the Group. The agreements are for period of 2 to 26 years and shall be renewable. The Company and subsidiaries have committed to pay rental fee as stipulated in the agreements.

***Operation and maintenance agreements***

The Company and a subsidiary had several operation and maintenance agreements with subsidiaries, associate and joint ventures whereby the service fees are stipulated in the agreements. These agreements expire in December 2023 to October 2043.

***Service agreements***

Joint ventures and subsidiaries had several service agreements with the company whereby the agreements is for a period of 5 years and shall be renewable. The service fees are stipulated in the agreements. These agreements expire in January 2022 to December 2022.

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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*Construction service agreements*

The certain subsidiaries had several construction service agreements with its subsidiaries in the Group. The subsidiaries have committed to pay services fee as stipulated in the agreements.

*Asset management service agreements*

Two subsidiaries in Japan have asset management service agreements with a subsidiary in Japan. These agreements have a period of 20 years commencing from commercial operation date. The agreements expire during April 2038 to December 2041. The services fees are stipulated in the agreements.

*Security*

At 31 December 2021, the Company has pledged promissory notes of loan to related party with a book value of Baht 316.13 million as collateral to secure long-term loan received from a commercial bank.

*Land purchase agreement*

A subsidiary of the Group has acquired land from an associate in the amount of Baht 55.79 million according to land purchase agreement. At the present, the said subsidiary has no aim to use such land in the future. Therefore, they classified this land to investment property. As at 31 December 2021, the fair value of this land is Baht 78.79 million which was determined by an independent professional valuers based on the open market values for an existing use basis. The fair value of investment property has been categorised as a Level 3.

<b>Valuation technique</b>	<b>Significant Unobservable inputs</b>	<b>Inter-relationship between key unobservable inputs and fair value measurement</b>
<i>Market approach</i>	The adjusted quoted price and the actual selling price of comparable investment properties	The estimated fair value increase (decrease) if land price were higher (lower).

**5 Cash and cash equivalents**

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
Cash on hand	935	855	200	200
Cash at banks-current accounts	538,990	350,887	12,319	34,719
Cash at banks-savings accounts	1,070,294	3,904,377	333,952	303,176
Cheques on hand	118,707	135,805	13,535	1,579
<b>Total</b>	<b><u>1,728,926</u></b>	<b><u>4,391,924</u></b>	<b><u>360,006</u></b>	<b><u>339,674</u></b>

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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**6 Trade and other current receivables**

	<i>Note</i>	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
		2021	2020	2021	2020
<i>(in thousand Baht)</i>					
<b>Trade accounts receivable</b>					
Related parties	4	1,789	2,043	94,394	448,316
Other parties		1,237,790	1,601,930	72,215	404,825
Less allowance for expected credit loss		(2,556)	(8,154)	(1,056)	(6,654)
<b>Net</b>		<b>1,237,023</b>	<b>1,595,819</b>	<b>165,553</b>	<b>846,487</b>
<b>Other current receivables</b>					
Related parties	4	513	68,712	7,810	10,196
Other parties		72,270	170,644	5,338	110,220
Retention receivables		155,705	77,373	6,659	-
Deposit		-	951,175	-	-
		<b>228,488</b>	<b>1,267,904</b>	<b>19,807</b>	<b>120,416</b>
<b>Total</b>		<b>1,465,511</b>	<b>2,863,723</b>	<b>185,360</b>	<b>966,903</b>

<i>Allowance for expected credit loss</i>	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2021	2020	2021	2020
<i>(in thousand Baht)</i>				
At 1 January	8,154	2,264	6,654	1,083
Addition	129	5,890	129	5,571
Reversal	(5,193)	-	(5,193)	-
Write-off	(534)	-	(534)	-
<b>At 31 December</b>	<b>2,556</b>	<b>8,154</b>	<b>1,056</b>	<b>6,654</b>

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2021	2020	2021	2020
<i>(in thousand Baht)</i>				
Within credit terms	1,182,993	1,452,905	98,824	737,094
Overdue:				
Less than 3 months	31,745	113,366	44,426	102,332
3 - 6 months	20,431	19,520	20,227	-
6 - 12 months	666	2,929	580	607
Over 12 months	3,744	15,253	2,552	13,108
	<b>1,239,579</b>	<b>1,603,973</b>	<b>166,609</b>	<b>853,141</b>
Less allowance for expected credit loss	(2,556)	(8,154)	(1,056)	(6,654)
<b>Net</b>	<b>1,237,023</b>	<b>1,595,819</b>	<b>165,553</b>	<b>846,487</b>

The normal credit term granted by the Group ranges from 30 days to 120 days.

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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**7 Lease receivables**

	<b>Consolidated financial statements</b>			
	Within 1 year	After 1 year but within 5 years <i>(in thousand Baht)</i>	After 5 years	Total
<b>31 December 2021</b>				
Lease receivables	239,127	976,419	2,299,816	3,515,362
Less unearned interest income	(145,659)	(731,443)	(859,736)	(1,736,838)
<b>Total</b>	<b>93,468</b>	<b>244,976</b>	<b>1,440,080</b>	<b>1,778,524</b>
Less allowance for expected credit loss	-	-	-	-
<b>Net</b>	<b>93,468</b>	<b>244,976</b>	<b>1,440,080</b>	<b>1,778,524</b>
<b>31 December 2020</b>				
Lease receivables	162,326	483,427	1,304,490	1,950,243
Less unearned interest income	(103,787)	(398,873)	(567,259)	(1,069,919)
<b>Total</b>	<b>58,539</b>	<b>84,554</b>	<b>737,231</b>	<b>880,324</b>
Less allowance for expected credit loss	-	-	-	-
<b>Net</b>	<b>58,539</b>	<b>84,554</b>	<b>737,231</b>	<b>880,324</b>

**8 Unbilled revenue**

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
Cost and attributable profit	4,165,069	2,656,183	62,231	-
Progress billings and others	(3,068,592)	(1,430,910)	(62,231)	-
<b>Net</b>	<b>1,096,477</b>	<b>1,225,273</b>	<b>-</b>	<b>-</b>

**9 Inventories**

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
Finished goods	555,492	442,261	367,906	341,285
Work in progress	903	411	-	-
Raw materials	188,569	171,205	-	-
Factory supplies	1,749	1,885	-	-
Construction in progress	103,541	9,633	-	-
Goods in transit	5,774	59,004	3,933	57,143
<b>Total</b>	<b>856,028</b>	<b>684,399</b>	<b>371,839</b>	<b>398,428</b>
Less allowance for declining in value of inventories	(47,116)	(46,991)	(21,249)	(21,249)
<b>Net</b>	<b>808,912</b>	<b>637,408</b>	<b>350,590</b>	<b>377,179</b>



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	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
Inventories recognised in ‘cost of sales of goods’:				
- Cost	1,174,854	1,097,275	1,361,734	1,364,405
- Write-down to net realisable value	516	13,762	-	5,062
- Reversal of write-down	(390)	(371)	-	(63)
<b>Net</b>	<b><u>1,174,980</u></b>	<b><u>1,110,666</u></b>	<b><u>1,361,734</u></b>	<b><u>1,369,404</u></b>

**10 Investments in associates and joint ventures**

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
At 1 January	1,565,745	1,731,032	1,123,773	1,123,773
Share of net profit of associates and joint ventures	217,837	72,596	-	-
Acquisition of joint venture	250,000	-	-	-
Increase in share capital	500	-	-	-
Dividend income	(216,774)	(197,985)	-	-
Impact of changes in accounting policies	-	(6,623)	-	-
Elimination of unrealised profit on downstream sales	-	(35,924)	-	-
Exchange differences on translating financial statements	15,377	2,649	-	-
<b>At 31 December</b>	<b><u>1,832,685</u></b>	<b><u>1,565,745</u></b>	<b><u>1,123,773</u></b>	<b><u>1,123,773</u></b>

***Acquisition of indirect joint venture***

***THCG Group Co., Ltd.***

On 7 October 2021, G.K. Hemp Group Company Limited, the Company’s subsidiary, acquired ordinary shares of THCG Group Co., Ltd. according to the approval of the Board of Directors of the Company held on 24 September 2021 at the proportion of 50% of all ordinary shares to enter into joint venture arrangement in the amount of Baht 10.5 million and increase the capital in the type of preferred shares amounting to Baht 239.5 million in order to operate hemp and cannabis cultivation business for distribution, including production and selling products that derived from hemp and cannabis. Total investment value does not exceed Baht 250 million.

As at 31 December 2021, the subsidiary paid for share subscription of Baht 107.98 million, the remaining payables for share subscription is Baht 142.02 million.

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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	Type of business	Ownership interest		Consolidated financial statements				Separate financial statements				Dividend income for the year	
		2021	2020	Equity		Cost		Impairment		At cost - net		2021	2020
		(% )		2021	2020	2021	2020	2021	2020	2021	2020	2021	2020
<i>Associate</i>													
G-Power Source Co., Ltd.	Generating and selling electricity	40.00	40.00	374,014	409,816	397,595	397,595	-	-	397,595	397,595	71,350	61,938
				<b>374,014</b>	<b>409,816</b>	<b>397,595</b>	<b>397,595</b>	<b>-</b>	<b>-</b>	<b>397,595</b>	<b>397,595</b>	<b>71,350</b>	<b>61,938</b>
<i>Direct joint ventures</i>													
Gunkul Chubu Powergen Co., Ltd.	Generating and selling electricity	51.00	51.00	993,909	998,531	505,920	505,920	-	-	505,920	505,920	143,934	134,575
WHA Gunkul Green Solar Roof 1 Co., Ltd.	Generating and selling electricity	25.01	25.01	2,254	2,222	2,876	2,876	-	-	2,876	2,876	201	158
WHA Gunkul Green Solar Roof 3 Co., Ltd.	Generating and selling electricity	25.01	25.01	3,046	3,187	3,626	3,626	-	-	3,626	3,626	417	417
WHA Gunkul Green Solar Roof 6 Co., Ltd.	Generating and selling electricity	25.01	25.01	3,054	3,216	3,626	3,626	-	-	3,626	3,626	472	417
WHA Gunkul Green Solar Roof 17 Co., Ltd.	Generating and selling electricity	25.01	25.01	2,277	2,175	4,002	4,002	-	-	4,002	4,002	400	480
Kenyir Gunkul Solar Sdn Bhd.	Generating and selling electricity	70.00	70.00	205,835	146,013	206,128	206,128	-	-	206,128	206,128	-	-
				<b>1,210,375</b>	<b>1,155,344</b>	<b>726,178</b>	<b>726,178</b>	<b>-</b>	<b>-</b>	<b>726,178</b>	<b>726,178</b>	<b>145,424</b>	<b>136,047</b>
<i>Indirect joint ventures</i>													
Joint venture SPI & GPD	Provide cleaning services and goods shipping	50.00	50.00	565	585	-	-	-	-	-	-	-	-
THCG Group Co., Ltd.	Production and selling products that derived from hemp and cannabis	50.00	-	247,299	-	-	-	-	-	-	-	-	-
Origin Gunkul Energy Co., Ltd.	Generating and selling electricity	50.00	-	432	-	-	-	-	-	-	-	-	-
				<b>248,296</b>	<b>585</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total</b>				<b>1,832,685</b>	<b>1,565,745</b>	<b>1,123,773</b>	<b>1,123,773</b>	<b>-</b>	<b>-</b>	<b>1,123,773</b>	<b>1,123,773</b>	<b>216,774</b>	<b>197,985</b>

All associate and joint ventures were incorporated in Thailand, except Kenyir Gunkul Solar Sdn Bhd. which was incorporated and operated in Malaysia. None of the Group's associate and joint ventures are publicly listed and consequently do not have published price quotations.

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*Material associates and joint ventures*

The following table summarises the financial information of the associates and joint ventures as included in their own financial statements, adjusted for fair value adjustments at acquisition and differences in accounting policies. The table also reconciles the summarised financial information to the carrying amount of the Group's interest in these companies.

	<b>Associate</b>		<b>Joint venture</b>	
	G-Power Source Co., Ltd. 2021	2020	Gunkul Chubu Powergen Co., Ltd. 2021	2020
	<i>(in thousand Baht)</i>			
Revenue	526,067	494,111	535,791	565,262
Profit for the year	362,168	307,997	332,329	354,754
Less impairment losses	(282,690)	(342,739)	(51,081)	(206,602)
Net profit (loss)	79,478	(34,742)	281,248	148,152
Other comprehensive income (expense)	-	-	38	-
Total comprehensive income (expense) (100%)	79,478	(34,742)	281,286	148,152
Total comprehensive income (expense) of the Group's interest (40% and 51% hold)	31,791	(13,897)	143,456	75,558
Elimination of unrealised profit on sales of assets	8,140	8,140	7,251	7,251
Power purchase agreement	(4,384)	(4,384)	(11,394)	(11,394)
<b>Group's share of total comprehensive income (expense)</b>	<b>35,547</b>	<b>(10,141)</b>	<b>139,313</b>	<b>71,415</b>
Current assets	195,226	210,080	209,949	248,867
Non-current assets	1,389,773	1,713,353	1,817,950	1,973,969
Current liabilities	(460,234)	(566,333)	(195,788)	(213,693)
Non-current liabilities	(43,023)	(176,461)	(10,533)	(186,627)
Net assets (100%)	1,081,742	1,180,639	1,821,578	1,822,516
Group's share of net assets (40% and 51% hold)	432,697	472,256	929,005	929,483
Elimination of unrealised profit on sales of assets	(126,208)	(134,349)	(120,521)	(127,771)
Power purchase agreement	67,525	71,909	185,425	196,819
<b>Carrying amount of interest in associate and joint venture</b>	<b>374,014</b>	<b>409,816</b>	<b>993,909</b>	<b>998,531</b>

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2021**

	<b>Joint venture</b>	
	Gunkul Chubu Powergen Co., Ltd.	
	2021	2020
	<i>(in thousand Baht)</i>	
Remark:		
a. Includes:		
– depreciation and amortisation	110,288	123,430
– interest expense	13,589	25,137
– income tax expense	17,494	3,422
b. Includes cash and cash equivalents	10	10
c. Short-term deposits from financial institution pledged as collateral	111,026	137,454
d. Includes current financial liabilities (excluding trade, other payables and provisions)	172,429	199,168
e. Includes non-current financial liabilities (excluding trade, other payables and provisions)	8,399	179,243

*Impairment assessment for power plants*

During 2021, the managements of the associate and joint venture found a decline in budgeted net cashflow from revenues due to the subsidy income (Adder) will be soon expired. The managements of the associate and joint venture has calculated the recoverable amount using the value in use method. The value in use method is calculated by determining discounted future cashflows. The key assumptions used to determine value in use included electricity price, operating expenditures over the remaining economic useful life of the assets and discount rate referred to weighted average cost to capital (WACC) at 6.28% - 6.30% (2020: at 6.50% - 6.90%). As a results, the value in use of assets was lower than the carrying amounts. The Group recognised an impairment loss from the associate and joint venture in the proportion of the Group's interest amounting to Baht 113.08 million and Baht 26.05 million, respectively, and recorded in share of profit of associates and joint ventures accounted for using equity method account in the consolidated statement of comprehensive income for the year 2021 (2020: Associate of Baht 137.09 million and joint venture of Baht 105.37 million).

*Immaterial joint ventures*

The following is summarised financial information for the Group's interest in immaterial joint ventures based on the amounts reported in the Group's consolidated financial statements:

	<b>Immaterial joint ventures</b>	
	2021	2020
	<i>(in thousand Baht)</i>	
Carrying amount of interests in immaterial joint ventures	464,762	157,397
Group's share of:		
- Profit (loss) from continuing operations	29,815	11,322
- Other comprehensive income (expense)	-	-
- Total comprehensive income (expense)	<u>29,815</u>	<u>11,322</u>

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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**11 Investments in subsidiaries**

	<b>Separate financial statements</b>	
	2021	2020
	<i>(in thousand Baht)</i>	
At 1 January	15,712,438	13,188,215
Acquisition of subsidiaries	-	332,494
Increase in share capital of subsidiaries	765,789	1,411,729
Acquisition of non-controlling interests	-	780,000
Impairment loss	(13,513)	-
Decrease in share capital	(896,788)	-
<b>At 31 December</b>	<b><u>15,567,926</u></b>	<b><u>15,712,438</u></b>

***Increase in share capital of subsidiaries***

***K.N.P Supply Co.,Ltd.***

During the year ended 31 December 2021, the Company was paid for additional share capital amounting to Baht 20.25 million, totalling paid-up share capital amount of Baht 32.75 million.

***Gunkul Infinite Group Co., Ltd.***

During the year ended 31 December 2021, the Company was paid for additional share capital amounting to Baht 23.81 million, totalling paid-up share capital amount of Baht 314 million.

At the Board of Directors Meeting of the Company held on 17 December 2021, the Board of Directors approved to purchase of additional ordinary shares in Gunkul Infinite Group Company Limited, the Group's subsidiary, in the number of 0.785 million shares which is the proportion of 25% of total paid-up share capital. At the present, the Company has 74.99% interest in the said subsidiary, after share transfer was completed, the Company's interest will be 99.99%. Total purchase price is Baht 120 million in order to support and expand the rental business, sublease, asset management and electricity generation from renewable energy businesses.

As at 31 December 2021, the Company paid for advance for shares subscription of Baht 60 million, share transferring was completed in January 2022.

***Joint venture GKE & FEC***

During the year ended 31 December 2021, the Company was paid for additional share capital amounting to Baht 2.10 million, totalling paid-up share capital amount of Baht 29.50 million.

***Solar Energy Society Co., Ltd.***

During the year ended 31 December 2021, the Company was paid for additional share capital amounting to Baht 366.54 million, totalling paid-up share capital amount of Baht 735 million.

***Establishment of subsidiaries***

***G.K. Hemp Group Co., Ltd.***

On 8 April 2021, the Company established G.K. Hemp Group Co., Ltd. in order to investing in other companies with registered capital of Baht 50 million that invests in G.K. Smart Farming Co., Ltd. and G.K. Bio Extraction Co., Ltd. to studying investment in the hemp project. The Company held 100% shareholding in such subsidiary and paid for the share capital during the year ended 31 December 2021 amounting to Baht 270 million.

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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***Gunkul Wind Power 1 Co., Ltd.***

On 22 April 2021, the Company established Gunkul Wind Power 1 Co., Ltd. in order to generating and selling electricity with registered capital of Bath 5 million and held 100% shareholding in such subsidiary. During the year ended 31 December 2021, the Company paid for the share capital amounting to Bath 1.25 million.

***Gunkul Wind Power 2 Co., Ltd.***

On 22 April 2021, the Company established Gunkul Wind Power 2 Co., Ltd. in order to generating and selling electricity with registered capital of Bath 5 million and held 100% shareholding in such subsidiary. During the year ended 31 December 2021, the Company paid for the share capital amounting to Bath 1.25 million.

***Gunkul Wind Power 3 Co., Ltd.***

On 22 April 2021, the Company established Gunkul Wind Power 3 Co., Ltd. in order to generating and selling electricity with registered capital of Bath 5 million and held 100% shareholding in such subsidiary. During the year ended 31 December 2021, the Company paid for the share capital amounting to Bath 1.25 million.

***Gunkul Wind Power 4 Co., Ltd.***

On 22 April 2021, the Company established Gunkul Wind Power 4 Co., Ltd. in order to generating and selling electricity with registered capital of Bath 5 million and held During the year ended 31 December 2021, the Company paid for the share capital amounting to Bath 1.25 million.

***Gunkul Wind Power 5 Co., Ltd.***

On 22 April 2021, the Company established Gunkul Wind Power 5 Co., Ltd. in order to generating and selling electricity with registered capital of Bath 2 million and held 100% shareholding in such subsidiary. During the year ended 31 December 2021, the Company paid for the share capital amounting to Bath 2 million.

***Gunkul Wind Power 6 Co., Ltd.***

***(Formerly : Gunkul Bio Power 1 Co., Ltd.)***

On 7 April 2021, the Company established Gunkul Wind Power 6 Co., Ltd. in order to generating and selling electricity with registered capital of Bath 6 million and held 100% shareholding in such subsidiary. During the year ended 31 December 2021, the Company paid for the share capital amounting to Bath 3 million.

***Gunkul Wind Power 7 Co., Ltd.***

***(Formerly : Gunkul Bio Power 2 Co., Ltd.)***

On 7 April 2021, the Company established Gunkul Wind Power 7 Co., Ltd. in order to generating and selling electricity with registered capital of Bath 6 million and held 100% shareholding in such subsidiary. During the year ended 31 December 2021, the Company paid for the share capital amounting to Bath 3 million.

***Gunkul Wind Power 8 Co., Ltd.***

On 28 October 2021, the Company established Gunkul Wind Power 8 Co., Ltd. in order to generating and selling electricity with registered capital of Bath 5 million and held 100% shareholding in such subsidiary. During the year ended 31 December 2021, the Company paid for the share capital amounting to Bath 1.25 million.

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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***Gunkul Wind Power 9 Co., Ltd.***

On 28 October 2021, the Company established Gunkul Wind Power 9 Co., Ltd. in order to generating and selling electricity with registered capital of Bath 5 million and held 100% shareholding in such subsidiary. During the year ended 31 December 2021, the Company paid for the share capital amounting to Bath 1.25 million.

***G.K. Real Estate (2564) Co., Ltd.***

On 29 April 2021, the Company established G.K. Real Estate (2564) Co., Ltd. in order to operate in the real estate business with registered capital of Bath 60 million and held 100% shareholding in such subsidiary. During the year ended 31 December 2021, the Company paid for the share capital amounting to Bath 57.60 million.

***Gunkul Grand Asset Co., Ltd.***

On 4 November 2021, the Company established Gunkul Grand Asset Co., Ltd. in order to operate in the construction business with registered capital of Bath 5 million and held 100% shareholding in such subsidiary. During the year ended 31 December 2021, the Company paid for the share capital amounting to Bath 10 million.

***Decrease in share capital of subsidiary***

***Gunkul International (Mauritius)***

On 22 January 2021, Gunkul International (Mauritius), the Company's subsidiary which was incorporated and operates in Mauritius. The shareholders of the said subsidiary approved to decrease the Company's registered capital by 21.92 million shares from the existing registered capital of 134.83 million shares at a par of U.S. Dollars 1 per share to 112.91 million shares. Later on 23 July 2021, the shareholders of the said subsidiary approved to decrease registered capital by 3.59 million shares from the existing registered capital of 112.91 million shares to 109.32 million shares. The Company recognised loss on capital reduction of subsidiary in the statement of comprehensive income for the year ended 31 December 2021.

***Impairment loss on investment in subsidiary***

***GO Bioenergy Co., Ltd.***

As at 31 December 2021, the Company recorded impairment loss on investment in GO Bioenergy Co., Ltd. amounting to Baht 13.5 million because the subsidiary is incorporated in order to generating and selling electricity from biomass. At the present, the subsidiary has no plan to start the operation yet. The management believes that the investment may be impaired.

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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	Type of business	Country of operation	Separate financial statements											
			Ownership interest		Cost		Impairment		At cost - net		Dividend income for the year			
			2021	2020	2021	2020	2021	2020	2021	2020	2021	2020		
			(%)		(in thousand Baht)									
<b>Subsidiaries</b>														
G.K. Power Product Co., Ltd.	Manufacturing and selling of equipments for electrical systems	Thailand	100.00	100.00	80,425	80,425	-	-	80,425	80,425	-	-		
G.K. Assembly Co., Ltd.	Manufacturing and selling of equipments for electrical system	Thailand	100.00	100.00	163,188	163,188	-	-	163,188	163,188	-	-		
K.N.P Supply Co.,Ltd.	Import-export and selling equipments for electrical systems	Thailand	100.00	100.00	24,158	3,908	-	-	24,158	3,908	-	-		
Greenovation Power Co., Ltd.	Generating and selling electricity	Thailand	100.00	100.00	1,916,500	1,916,500	-	-	1,916,500	1,916,500	377,190	307,395		
Wind Energy Development Co., Ltd.	Generating and selling electricity	Thailand	100.00	100.00	2,226,150	2,226,150	-	-	2,226,150	2,226,150	138,600	148,837		
NK Power Sola Co., Ltd.	Generating and selling electricity	Thailand	100.00	100.00	40,854	40,854	-	-	40,854	40,854	14,000	9,001		
Gunkul Solar Roof 1 Co., Ltd.	Generating and selling electricity	Thailand	100.00	100.00	21,000	21,000	-	-	21,000	21,000	-	-		
Gunkul Training Center Co., Ltd.	Provide training services	Thailand	100.00	100.00	1,000	1,000	-	-	1,000	1,000	1,200	-		
Solar Energy Society Co., Ltd.	Generating and selling electricity	Thailand	100.00	100.00	735,000	368,464	-	-	735,000	368,464	-	-		
Bright Green Power Co., Ltd.	Investing in companies	Thailand	100.00	100.00	1,306,410	1,306,410	-	-	1,306,410	1,306,410	-	-		
Gunkul Power Development Co., Ltd.	Construction	Thailand	100.00	100.00	300,000	300,000	-	-	300,000	300,000	-	-		
Gunkul Solar Community Co., Ltd.	Generating and selling electricity	Thailand	100.00	100.00	20,000	20,000	-	-	20,000	20,000	-	-		
Siam Gunkul Solar Energy Co., Ltd.	Generating and selling electricity	Thailand	100.00	100.00	40,899	40,899	-	-	40,899	40,899	3,354	4,123		
Korat Wind Energy Co., Ltd.	Generating and selling electricity	Thailand	100.00	100.00	1,538,750	1,538,750	-	-	1,538,750	1,538,750	466,933	946,817		
Gunkul Energy Solution and Lighting Co., Ltd.	Manufacturing and selling of energy - saving products	Thailand	100.00	100.00	40,600	40,600	-	-	40,600	40,600	-	-		
GO Bioenergy Co., Ltd.	Investing in companies	Thailand	74.90	74.90	25,690	25,690	(13,513)	-	12,177	25,690	-	-		
Infinite Alternative Energy Co., Ltd.	Investing in companies	Thailand	100.00	67.00	1,868,576	1,868,576	-	-	1,868,576	1,868,576	355,028	232,880		
Eco Thaienergy Co., Ltd.	Generating and selling electricity	Thailand	51.00	51.00	42,015	42,015	-	-	42,015	42,015	4,202	5,396		



**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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	Type of business	Country of operation	Separate financial statements									
			Ownership interest		Cost		Impairment		At cost - net		Dividend income for the year	
			2021	2020	2021	2020	2021	2020	2021	2020	2021	2020
			(%)		(in thousand Baht)							
Gunkul Infinite Group Co., Ltd.	Generating and selling electricity	Thailand	75.00	75.00	235,500	211,694	-	-	235,500	211,694	-	-
Gunkul International (Mauritius)	Investing in companies	Mauritius	100.00	100.00	3,843,657	4,740,445	-	-	3,843,657	4,740,445	1,068,510	699,454
Gunkul Solar Power Co., Ltd.	Generating and selling electricity	Thailand	100.00	100.00	179,250	179,250	-	-	179,250	179,250	-	-
BMP Solar Co., Ltd.	Generating and selling electricity	Thailand	100.00	100.00	216,938	216,938	-	-	216,938	216,938	21,798	25,297
G.K. Hemp Group Co., Ltd.	Investing in companies	Thailand	100.00	-	270,000	-	-	-	270,000	-	-	-
G.K. Real Estate (2564) Co., Ltd.	Investing in real estate	Thailand	100.00	-	57,600	-	-	-	57,600	-	-	-
Gunkul Wind Power 1 Co., Ltd.	Generating and selling electricity	Thailand	100.00	-	1,250	-	-	-	1,250	-	-	-
Gunkul Wind Power 2 Co., Ltd.	Generating and selling electricity	Thailand	100.00	-	1,250	-	-	-	1,250	-	-	-
Gunkul Wind Power 3 Co., Ltd.	Generating and selling electricity	Thailand	100.00	-	1,250	-	-	-	1,250	-	-	-
Gunkul Wind Power 4 Co., Ltd.	Generating and selling electricity	Thailand	100.00	-	1,250	-	-	-	1,250	-	-	-
Gunkul Wind Power 5 Co., Ltd.	Generating and selling electricity	Thailand	100.00	-	1,999	-	-	-	1,999	-	-	-
Gunkul Wind Power 6 Co., Ltd.	Generating and selling electricity	Thailand	100.00	-	2,999	-	-	-	2,999	-	-	-
Gunkul Wind Power 7 Co., Ltd.	Generating and selling electricity	Thailand	100.00	-	2,999	-	-	-	2,999	-	-	-
Gunkul Wind Power 8 Co., Ltd.	Generating and selling electricity	Thailand	100.00	-	1,250	-	-	-	1,250	-	-	-
Gunkul Wind Power 9 Co., Ltd.	Generating and selling electricity	Thailand	100.00	-	1,250	-	-	-	1,250	-	-	-
Gunkul Grand Asset Co., Ltd.	Construction	Thailand	100.00	-	10,000	-	-	-	10,000	-	-	-
Joint venture GKE & GPD Company Limited	Construction	Thailand	50.00	50.00	10,000	10,000	-	-	10,000	10,000	-	-
Joint venture GKE & FEC	Construction	Thailand	60.00	60.00	17,700	15,600	-	-	17,700	15,600	-	-
Gunkul Engineering (Myanmar) Company Limited	Import and selling equipments for electrical systems	Myanmar	100.00	-	1,588	1,588	-	-	1,588	1,588	-	-
Doan Son Thuy Investment Joint Stock Company	Generating and selling electricity	Vietnam	100.00	-	332,494	332,494	-	-	332,494	332,494	-	-
<b>Total</b>					<b><u>15,581,439</u></b>	<b><u>15,712,438</u></b>	<b><u>(13,513)</u></b>	<b><u>-</u></b>	<b><u>15,567,926</u></b>	<b><u>15,712,438</u></b>	<b><u>2,450,815</u></b>	<b><u>2,379,200</u></b>

None of the Company's subsidiaries are publicly listed and consequently do not have published price quotations.

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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**12 Property, plant and equipment**

	<b>Consolidated financial statements</b>						
	Land	Building, building improvement and utility system	Machinery and equipment	Furniture, fixtures and office equipment <i>(in thousand Baht)</i>	Vehicles	Assets under construction	Total
<b>Cost</b>							
At 1 January 2020	1,728,637	1,061,397	22,741,217	86,730	46,274	1,355,217	27,019,472
Additions	-	67,923	22,677	13,871	668	2,262,257	2,367,396
Acquisitions of subsidiaries	-	364,046	2,609,867	-	-	578,329	3,552,242
Transfers	-	386,758	823,515	-	-	(1,210,273)	-
Transfers from right-of-use assets	-	-	3,147	-	45,533	-	48,680
Disposals	-	(1,342)	(242,206)	(358)	(3,865)	(435,012)	(682,783)
Sale of investment in subsidiaries	-	-	-	-	-	(2,027,345)	(2,027,345)
Effect of movements in exchange rates	35,376	(1,642)	269,737	246	-	128,948	432,665
<b>At 31 December 2020 and 1 January 2021</b>	<b>1,764,013</b>	<b>1,877,140</b>	<b>26,227,954</b>	<b>100,489</b>	<b>88,610</b>	<b>652,121</b>	<b>30,710,327</b>
Additions	-	355,769	29,163	6,180	-	904,186	1,295,298
Transfers	-	4,968	448,980	-	-	(453,948)	-
Transfers from right-of-use assets	-	-	-	-	12,635	-	12,635
Disposals	-	(351,473)	(471,193)	(14,064)	(116)	(5,133)	(841,979)
Effect of movements in exchange rates	(98)	104,314	407,402	44	-	-	511,662
<b>At 31 December 2021</b>	<b>1,763,915</b>	<b>1,990,718</b>	<b>26,642,306</b>	<b>92,649</b>	<b>101,129</b>	<b>1,097,226</b>	<b>31,687,943</b>

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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**Consolidated financial statements**

	Land	Building, building improvement and utility system	Machinery and equipment	Furniture, fixtures and office equipment <i>(in thousand Baht)</i>	Vehicles	Assets under construction	Total
<b><i>Accumulated depreciation and impairment losses</i></b>							
At 1 January 2020	-	(195,020)	(2,212,399)	(64,177)	(32,684)	(322)	(2,504,602)
Depreciation charge for the year	-	(54,121)	(1,098,588)	(9,633)	(9,906)	-	(1,172,248)
Acquisitions of subsidiaries	-	(7,868)	(97,995)	-	-	-	(105,863)
Transfers from right-of-use assets	-	-	(2,037)	-	(14,015)	-	(16,052)
Disposals	-	412	4,930	346	1,996	-	7,684
Effect of movements in exchange rates	-	866	(5,621)	(76)	-	-	(4,831)
<b>At 31 December 2020 and 1 January 2021</b>	<b>-</b>	<b>(255,731)</b>	<b>(3,411,710)</b>	<b>(73,540)</b>	<b>(54,609)</b>	<b>(322)</b>	<b>(3,795,912)</b>
Depreciation charge for the year	-	(81,509)	(1,225,665)	(10,265)	(4,731)	-	(1,322,170)
Transfers from right-of-use assets	-	-	-	-	(10,321)	-	(10,321)
Disposals	-	263	9,532	13,641	115	-	23,551
Effect of movements in exchange rates	-	(8,145)	(39,306)	(11)	-	-	(47,462)
<b>At 31 December 2021</b>	<b>-</b>	<b>(345,122)</b>	<b>(4,667,149)</b>	<b>(70,175)</b>	<b>(69,546)</b>	<b>(322)</b>	<b>(5,152,314)</b>
<b><i>Net book value</i></b>							
<b>At 31 December 2020</b>	<b><u>1,764,013</u></b>	<b><u>1,621,409</u></b>	<b><u>22,816,244</u></b>	<b><u>26,949</u></b>	<b><u>34,001</u></b>	<b><u>651,799</u></b>	<b><u>26,914,415</u></b>
<b>At 31 December 2021</b>	<b><u>1,763,915</u></b>	<b><u>1,645,596</u></b>	<b><u>21,975,157</u></b>	<b><u>22,474</u></b>	<b><u>31,583</u></b>	<b><u>1,096,904</u></b>	<b><u>26,535,629</u></b>

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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	Separate financial statements					
	Building and building improvement	Machinery and equipment	Furniture, fixtures and office equipment <i>(in thousand Baht)</i>	Vehicles	Assets under construction	Total
<b>Cost</b>						
At 1 January 2020	32,608	18,544	54,729	31,414	2,778	140,073
Additions	-	537	6,648	458	-	7,643
Transfers from right-of-use assets	-	-	-	28,669	-	28,669
Disposals	-	-	(322)	(3,864)	-	(4,186)
<b>At 31 December 2020 and 1 January 2021</b>	<b>32,608</b>	<b>19,081</b>	<b>61,055</b>	<b>56,677</b>	<b>2,778</b>	<b>172,199</b>
Additions	472	91	2,532	-	332	3,427
Transfers	-	(116)	(8,407)	-	(3,110)	(11,633)
<b>At 31 December 2021</b>	<b>33,080</b>	<b>19,056</b>	<b>55,180</b>	<b>56,677</b>	<b>-</b>	<b>163,993</b>
<b>Accumulated depreciation</b>						
At 1 January 2020	(29,766)	(17,899)	(37,342)	(19,853)	-	(104,860)
Depreciation charge for the year	(488)	(426)	(6,791)	(3,671)	-	(11,376)
Transfers from right-of-use assets	-	-	-	(11,423)	-	(11,423)
Disposals	-	-	321	1,996	-	2,317
<b>At 31 December 2020 and 1 January 2021</b>	<b>(30,254)</b>	<b>(18,325)</b>	<b>(43,812)</b>	<b>(32,951)</b>	<b>-</b>	<b>(125,342)</b>
Depreciation charge for the year	(490)	(264)	(7,023)	(3,286)	-	(11,063)
Disposals	-	116	8,401	-	-	8,517
<b>At 31 December 2021</b>	<b>(30,744)</b>	<b>(18,473)</b>	<b>(42,434)</b>	<b>(36,237)</b>	<b>-</b>	<b>(127,888)</b>
<b>Net book value</b>						
<b>At 31 December 2020</b>	<b>2,354</b>	<b>756</b>	<b>17,243</b>	<b>23,726</b>	<b>2,778</b>	<b>46,857</b>
<b>At 31 December 2021</b>	<b>2,336</b>	<b>583</b>	<b>12,746</b>	<b>20,440</b>	<b>-</b>	<b>36,105</b>

The gross amount of the Group's fully depreciated property, plant and equipment that was still in use as at 31 December 2021 amounting to Baht 269.48 million (2020: Baht 257.45 million).

*Security*

At 31 December 2021, the Group has pledged land, building and machinery with a net book value of Baht 22,332.06 million as collateral to secure long-term loans (See note 15) (2020: Baht 28,287.20 million).

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**13 Leases**

<i>Right-of-use assets</i> <i>At 31 December</i>	<b>Consolidated</b> <b>financial statements</b>		<b>Separate</b> <b>financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
Land	457,150	608,699	-	-
Buildings	29,663	43,571	24,501	35,761
Warehouse	13,077	12,622	7,937	6,293
Rooftop for solar power plant	16,547	17,453	-	-
Vehicles	27,448	28,555	14,642	12,611
<b>Total</b>	<b>543,885</b>	<b>710,900</b>	<b>47,080</b>	<b>54,665</b>

In 2021, additions to the right-of-use assets of the Group and the Company were Baht 12.61 million and Baht 8.98 million, respectively (2020: Baht 737.25 million and Baht 42.05 million, respectively).

*Extension options*

The Group has extension options on property leases exercisable up to one year before the end of the contract period. The Group assesses at lease commencement date whether it is reasonably certain to exercise the extension options and will regularly reassess so.

<i>For the year ended 31 December</i>	<b>Consolidated</b> <b>financial statements</b>		<b>Separate</b> <b>financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
<b>Amounts recognised in profit or loss</b>				
Depreciation of right-of-use assets:				
- Land	23,410	22,735	-	-
- Buildings	13,909	660	11,261	-
- Warehouse	7,625	2,820	3,968	-
- Rooftop for solar power plant	906	906	-	-
- Vehicles	7,886	15,382	3,755	2,416
Interest on lease liabilities	22,037	18,149	1,390	-
Expenses relating to short-term leases and leases of low-value assets	5,193	19,202	1,944	17,819

In 2021, total cash outflow for leases of the Group and the Company were Baht 74.74 million and Baht 17.21 million respectively. (2020: Baht 247.02 million and Baht 7.9 million, respectively).

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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**14 Intangible assets and goodwill**

	<b>Consolidated financial statements</b>					
	Software licences	Right to use electrical transmission line	Right to power purchase agreement and right to operate <i>(in thousand Baht)</i>	Goodwill	Software under installation	Total
<b>Cost</b>						
At 1 January 2020	25,327	889,057	3,382,304	163,476	-	4,460,164
Additions	6,004	2,722	-	-	-	8,726
Acquisitions of subsidiaries	3,180	-	380,004	-	-	383,184
Sale of investment in subsidiaries	-	-	(857,492)	-	-	(857,492)
Disposals	(66)	(975)	-	-	-	(1,041)
Effect of movements in exchange rates	7	-	80,048	-	-	80,055
<b>At 31 December 2020 and 1 January 2021</b>	<b>34,452</b>	<b>890,804</b>	<b>2,984,864</b>	<b>163,476</b>	<b>-</b>	<b>4,073,596</b>
Additions	4,716	1,320	-	-	4,710	10,746
Disposals	-	(1,622)	-	-	-	(1,622)
Effect of movements in exchange rates	407	-	47,936	-	-	48,343
<b>At 31 December 2021</b>	<b>39,575</b>	<b>890,502</b>	<b>3,032,800</b>	<b>163,476</b>	<b>4,710</b>	<b>4,131,063</b>
<b>Accumulated amortisation and impairment losses</b>						
At 1 January 2020	(10,831)	(80,176)	(252,612)	-	-	(343,619)
Acquisitions of subsidiaries	(98)	-	-	-	-	(98)
Amortisation charge for the year	(4,859)	(35,733)	(110,206)	-	-	(150,798)
Disposals	43	6	-	-	-	49
Effect of movements in exchange rates	-	-	(1,004)	-	-	(1,004)
<b>At 31 December 2020 and 1 January 2021</b>	<b>(15,745)</b>	<b>(115,903)</b>	<b>(363,822)</b>	<b>-</b>	<b>-</b>	<b>(495,470)</b>
Amortisation charge for the year	(5,995)	(35,647)	(128,722)	-	-	(170,364)
Effect of movements in exchange rates	(617)	-	(1,116)	-	-	(1,733)
<b>At 31 December 2021</b>	<b>(22,357)</b>	<b>(151,550)</b>	<b>(493,660)</b>	<b>-</b>	<b>-</b>	<b>(667,567)</b>
<b>Net book value</b>						
<b>At 31 December 2020</b>	<b>18,707</b>	<b>774,901</b>	<b>2,621,042</b>	<b>163,476</b>	<b>-</b>	<b>3,578,126</b>
<b>At 31 December 2021</b>	<b>17,218</b>	<b>738,952</b>	<b>2,539,140</b>	<b>163,476</b>	<b>4,710</b>	<b>3,463,496</b>

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*Impairment testing for cash-generating units containing goodwill*

The recoverable amounts of the power plant asset containing goodwill have been determined using the value in use models. The key assumptions used in the estimation of the recoverable amount included the discount rate which was a pre-tax measure estimated based on 17 - 22 years government bond rate as a proxy for the risk free rate with debt leveraging of 60% - 70%. The cash flow projections were prepared using the external information, which included sales volumes, prices, operating costs, inflation rate and long-term growth rates for the period over the remaining of the power purchase agreements.

The key assumptions used in the estimation of the recoverable amount are set out below. The values assigned to the key assumptions represent management's assessment of future trends in the relevant industries and have been based on historical data from both external and internal sources.

	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>
	2021	2020	2021	2020
				(%)
Discount rate-Solar power stations	5.64 - 6.63	6.17 - 7.09	-	-
Discount rate-Wind Farm power stations	5.83 - 5.98	6.18 - 6.34	-	-

The discount rate was a pre-tax measure based on the rate of 17 - 22 years government bonds issued by the government in the relevant market and in the same currency as the cash flows, adjusted for a risk premium to reflect both the increased risk of investing in equities generally and the systematic risk of the specific CGU.

*Revenue projection*

Projections of all revenues for each power plant assets have been made as stated in the Power Purchase Agreements while applying the projections of revenue from external information for the post power purchase agreement periods. Assumptions included tariff from solar power plants and wind farms, inflation and other related factors.

The impairment test has been prepared by the management from information of the contracts entered with the counterparties while forecasting revenue and expenses from the external source and the possible together with systematic parameters and conservative approaches are used for its calculation and no impairment charges are required for goodwill.

Management believes that any reasonably possible change in the key assumptions such as discounted rates, adder and growth rate on which recoverable amount is based would not cause the carrying amount to exceed its recoverable amount.

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	Separate financial statements		
	Software licences	Software in progress <i>(in thousand Baht)</i>	Total
<b>Cost</b>			
At 1 January 2020	10,654	-	10,654
Additions	2,846	-	2,846
<b>At 31 December 2020 and 1 January 2021</b>	<b>13,500</b>	<b>-</b>	<b>13,500</b>
Additions	4,352	1,841	6,193
<b>At 31 December 2021</b>	<b>17,852</b>	<b>1,841</b>	<b>19,693</b>
<b>Accumulated amortisation</b>			
At 1 January 2020	(4,521)	-	(4,521)
Amortisation charge for the year	(2,144)	-	(2,144)
<b>At 31 December 2020 and at 1 January 2021</b>	<b>(6,665)</b>	<b>-</b>	<b>(6,665)</b>
Amortisation charge for the year	(3,211)	-	(3,211)
<b>At 31 December 2021</b>	<b>(9,876)</b>	<b>-</b>	<b>(9,876)</b>
<b>Net book value</b>			
<b>At 31 December 2020</b>	<b>6,835</b>	<b>-</b>	<b>6,835</b>
<b>At 31 December 2021</b>	<b>7,976</b>	<b>1,841</b>	<b>9,817</b>

**15 Interest-bearing liabilities**

	Consolidated financial statements		Separate financial statements	
	2021	2020	2021	2020
<i>(in thousand Baht)</i>				
<b>Current</b>				
Short-term loans from financial institutions - unsecured	1,646,044	4,662,626	1,220,907	4,593,504
Less unamortised discount	(1,356)	(3,344)	(1,356)	(3,344)
	1,644,688	4,659,282	1,219,551	4,590,160
Current portion of long-term loans from financial institutions				
- secured	1,706,816	1,535,013	28,800	28,800
Less unamortised deferred financing fees	(34,920)	(38,747)	(297)	(318)
	1,671,896	1,496,266	28,503	28,482
Current portion of debentures				
- unsecured	2,800,000	1,819,000	2,800,000	1,819,000
Less unamortised deferred financing fees	(2,469)	-	(2,469)	-
	2,797,531	1,819,000	2,797,531	1,819,000
Current portion of lease liabilities	43,888	42,155	19,237	15,409
<b>Total current interest-bearing liabilities</b>	<b>6,158,003</b>	<b>8,016,703</b>	<b>4,064,822</b>	<b>6,453,051</b>



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	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>		<b>financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
<b>Non-current</b>				
Long-term loans from financial Institutions- secured	15,645,360	14,818,582	309,600	338,400
Less unamortised deferred financing fees	<u>(157,556)</u>	<u>(160,742)</u>	<u>(1,592)</u>	<u>(1,889)</u>
	15,487,804	14,657,840	308,008	336,511
Debentures - unsecured	3,148,700	4,148,700	3,148,700	4,148,700
Less unamortised deferred financing fees	<u>(6,440)</u>	<u>(13,116)</u>	<u>(6,440)</u>	<u>(13,116)</u>
	3,142,260	4,135,584	3,142,260	4,135,584
Lease liabilities	<u>522,807</u>	<u>552,532</u>	<u>25,073</u>	<u>37,133</u>
<b>Total non-current interest-bearing liabilities</b>	<b><u>19,152,871</u></b>	<b><u>19,345,956</u></b>	<b><u>3,475,341</u></b>	<b><u>4,509,228</u></b>
<b>Total</b>	<b><u>25,310,874</u></b>	<b><u>27,362,659</u></b>	<b><u>7,540,163</u></b>	<b><u>10,962,279</u></b>

**Guarantee**

As at 31 December 2021, The Company has pledged ordinary shares of certain subsidiaries, together with land and buildings, machinery and equipment and deposits of the said subsidiaries, including the right of land sublease and building lease agreements, land lease agreements, Power Purchase Agreement and the right of power plant project agreement in Japan and Vietnam as collateral against the credit facilities those entities received from commercial banks in amount of Baht 19,358.24 million, U.S. Dollars 91.66 million, JPY 11,699 million and VND 216,308.98 million (31 December 2020: Baht 18,881.45 million, U.S. Dollars 254.78 million, JPY 11,699 million and VND 202,000 million).

**Long-term borrowings**

Details of principal features of the Group's long-term borrowings as at 31 December 2021 and 2020 were as follows:

	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>		<b>financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
<b>Subsidiaries :</b>				
1) Baht 3,730 million and U.S. Dollars 81 million Loan Facility Agreement at interest BIBOR 3M plus a margin, payable in three-months installments commencing in February 2017	1,971,145	2,321,879	-	-
2) Baht 4,080 million Loan Facility Agreement at interest THBFIX 6M plus a margin, payable in three-months installments commencing in November 2016	2,906,933	3,142,838	-	-
3) JPY 11,007 million Loan Facility Agreement at interest TIBOR 6M plus a margin, payable in six-months installments commencing in December 2018	2,585,134	2,753,861	-	-

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	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
4) Baht 4,522 million and U.S. Dollars 82 million Loan Facility Agreement at interest THBFIX 6M plus a margin, payable in three-months installments commencing in August 2018	3,189,784	3,533,317	-	-
5) Baht 207 million Loan Facility Agreement at interest rate 4.43%, payable in three-months installments commencing in September 2017	138,670	151,808	-	-
6) Baht 3,048 million Loan Facility Agreement at interest rate THBFIX 6M plus a margin, payable in three-months installments commencing in December 2018	2,051,730	2,248,666	-	-
7) Baht 432 million Loan Facility Agreement at interest MLR less a discount, payable in monthly installments commencing in October 2018	336,511	364,994	366,511	364,994
8) Baht 402 million Loan Facility Agreement at interest rate THBFIX 6M plus a margin, payable in three-months installments commencing in May 2020	260,011	289,502	-	-
9) U.S. Dollars 17 million Loan Facility Agreement at interest rate LIBOR 3M, payable in three-months installments commencing in May 2020	1,247,317	1,188,675	-	-
10) Baht 430 million Loan Facility Agreement at interest rate THBFIX 6M plus a margin, payable in monthly installments commencing in August 2020	351,076	158,566	-	-
11) VND 7,154.49 million Loan Facility Agreement and U.S. Dollars 25.19 million at interest rate BLR 3M and LIBOR 3M plus a margin, payable in three-months installments commencing in August 2021	823,970	-	-	-
12) VND 7,154.49 million Loan Facility Agreement and U.S. Dollars 31.69 million at interest rate BLR 3M and LIBOR 3M plus a margin, payable in three-months installments commencing in September 2021	1,033,996	-	-	-
13) Baht 316 million Loan Facility Agreement at interest rate BIBOR 1M plus a margin, payable in monthly installments commencing in June 2021	263,423	-	-	-
<b>Total</b>	<b><u>17,159,700</u></b>	<b><u>16,154,106</u></b>	<b><u>366,511</u></b>	<b><u>364,994</u></b>

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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*Debentures*

As at 31 December 2021, the Company has outstanding balances of issued unsecured, name registered, unsubordinated debentures. The details of issuance of debentures were as below:

Debenture issued on	3 October 2019
Unit and value	2,800,000 units at par value of Baht 1,000 each
Total debenture value	Baht 2,800 million
Period and maturity date	2 years 9 months will mature on 3 July 2022
Interest rate	Fixed rate of 4.50% per annum
Interest payment due	Every 3 months

Debenture issued on	30 April 2020
Unit and value	907,100 units at par value of Baht 1,000 each
Total debenture value	Baht 907.10 million
Period and maturity date	3 years will mature on 30 April 2023
Interest rate	Fixed rate of 3.7% per annum
Interest payment due	Every 3 months

Debenture issued on	30 April 2020
Unit and value	441,600 units at par value of Baht 1,000 each
Total debenture value	Baht 441.60 million
Period and maturity date	5 years will mature on 30 April 2025
Interest rate	Fixed rate of 4.2% per annum
Interest payment due	Every 3 months

Debenture issued on	22 April 2021
Unit and value	1,800,000 units at par value of Baht 1,000 each
Total debenture value	Baht 1,800 million
Period and maturity date	3 years 3 months will mature on 19 July 2024
Interest rate	Fixed rate of 4.10 % per annum
Interest payment due	Every 3 months

As at 31 December 2021, the Group had unutilised credit facilities totalling Baht 5,427.67 million and VND 38,967 million. (31 December 2020 : Baht 5,786.05 million and VND 38,967 million.).

The Group has to comply with certain conditions in accordance with those agreements including maintaining certain key financial ratios.

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**16 Provisions for employee benefits**

*Defined benefit plan*

The Group and the Company operate a defined benefit plan based on the requirement of Thai Labour Protection Act B.E 2541 (1998) to provide retirement benefits to employees based on pensionable remuneration and length of service. The defined benefit plans expose the Group to actuarial risks, such as longevity risk, interest rate risk and market (investment) risk.

<i>Present value of the defined benefit obligations</i>	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
At 1 January	86,539	76,992	54,463	49,065
<b>Include in profit or loss:</b>				
Current service cost	11,024	8,794	721	5,192
Interest on obligation	2,236	1,979	1,189	1,208
	<b>13,260</b>	<b>10,773</b>	<b>1,910</b>	<b>6,400</b>
<b>Included in other comprehensive income</b>				
Actuarial gain (loss)				
- Financial assumptions	520	-	544	-
- Experience adjustment	13,373	-	7,454	-
	<b>13,893</b>	<b>-</b>	<b>7,998</b>	<b>-</b>
Benefits paid	(3,541)	(1,226)	(3,316)	(1,002)
<b>At 31 December</b>	<b>110,151</b>	<b>86,539</b>	<b>61,055</b>	<b>54,463</b>

<i>Principal actuarial assumptions</i>	<b>Consolidated financial statements and Separate financial statements</b>	
	2021	2020
	(%)	
Discount rate	2.27	2.84
Future salary growth	3.0 – 7.0	4.0 - 8.0
Turnover rate	0.0 – 30.0	0.0 - 30.0

Assumptions regarding future mortality have been based on published statistics and mortality tables.

At 31 December 2021, the weighted-average duration of the defined benefit obligation was 12.8 years (2020: 11.4 years.)

*Sensitivity analysis*

Reasonably possible changes at the reporting date to one of the relevant actuarial assumptions, holding other assumptions constant, would have affected the employee benefit obligations by the amounts shown below.

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<i>Effect to the defined benefit obligation at 31 December</i>	<b>Consolidated financial statements</b>			
	1% increase in assumption		1% decrease in assumption	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
Discount rate	(8,175)	(6,898)	9,300	7,932
Future salary growth	8,947	9,320	(7,974)	(8,215)

<i>Effect to the defined benefit obligation at 31 December</i>	<b>Separate financial statements</b>			
	1% increase in assumption		1% decrease in assumption	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
Discount rate	(3,445)	(3,661)	3,862	4,172
Future salary growth	3,734	5,085	(3,358)	(4,531)

**17 Provisions for decommissioning costs of building and power plants**

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
At 1 January	319,890	209,434	-	-
Additions	9,763	46,283	-	-
Acquisitions of subsidiaries	-	58,325	-	-
Effect of movements in exchange rates	12,753	5,848	-	-
<b>At 31 December</b>	<b>342,406</b>	<b>319,890</b>	<b>-</b>	<b>-</b>

**18 Share capital**

	Par value per share <i>(in Baht)</i>	2021		2020	
		Number	Baht	Number	Baht
		<i>(thousand shares / thousand Baht)</i>			
<b>Authorised</b>					
At 1 January					
- ordinary shares	0.25	8,882,531	2,220,633	8,902,344	2,225,586
Reduction of shares	0.25	-	-	(19,813)	(4,953)
<b>At 31 December</b>					
- ordinary shares	0.25	<b>8,882,531</b>	<b>2,220,633</b>	<b>8,882,531</b>	<b>2,220,633</b>
<b>Issued and paid-up</b>					
At 1 January					
- ordinary shares	0.25	8,882,531	2,220,633	8,882,531	2,220,633
<b>At 31 December</b>					
- ordinary shares	0.25	<b>8,882,531</b>	<b>2,220,633</b>	<b>8,882,531</b>	<b>2,220,633</b>

At the annual general meeting of the shareholders of the Company held on 21 April 2020, the shareholders approved the decrease of the Company's registered capital in the amount of Baht 4.95 million from the existing registered capital of Baht 2,225.59 million to Baht 2,220.63 million, by cancelling the unissued registered ordinary shares in the amount of 19.81 million shares at a par value of Baht 0.25 per share.

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**19 Treasury shares**

At the Board of Directors' Meeting of the Company held on 13 May 2021, the Board approved the sale of 99.04 million treasury shares, representing 1.34% of issued share and paid-up capital. The specified selling period is from 14 June 2021 to 23 October 2021 under the regulations of the Stock Exchange of Thailand.

During the year ended 31 December 2021, the Company has sold 99.04 million treasury shares in the amount of Baht 426.47 million which the cost of the treasury shares is Baht 304.67 million. The Company recognised share premium on treasury shares of Baht 121.79 million in separate category within equity and transferred the reserve for treasury shares of Baht 304.67 million to retained earnings.

As at 31 December 2021, the Company has no treasury shares outstanding (*31 December 2020: 99.04 million treasury shares, equivalent to 1.34% of issued share and paid capital*).

**20 Additional paid-in capital and reserves**

*Share premium*

Section 51 of the Public Companies Act B.E. 2535 requires companies to set aside share subscription monies received in excess of the par value of the shares issued to a reserve account ("share premium"). Share premium is not available for dividend distribution.

*Legal reserve*

Section 116 of the Public Companies Act B.E. 2535 requires that a public company shall allocate not less than 5% of its annual net profit, less any accumulated losses brought forward, to a reserve account ("legal reserve"), until this account reaches an amount not less than 10% of the registered authorised capital. The legal reserve is not available for dividend distribution.

*Other components of equity*

**Translation reserve**

The translation reserves comprises all foreign currency differences arising from the translation of the financial statements of foreign operations

**21 Segment information and disaggregation of revenue**

Management determined that the Group has four reportable segments which are the Group's strategic divisions for products and services, and are managed separately because they require different technology and marketing strategies. For each of the strategic divisions, the chief operating decision maker (CODM) reviews internal management reports on at least a quarterly basis. The following summary describes the operations in each of the Group's reportable segments.

- Segment 1 Manufacturing and selling of equipments for electrical systems
- Segment 2 Generating and selling electricity
- Segment 3 Construction service
- Segment 4 Maintenance service, rental service and others

Each segment's performance is measured based on segment gross profit, as included in the internal management reports that are reviewed by the Group's CODM. Segment gross profit is used to measure performance as management believes that such information is the most relevant in evaluating the results of certain segments relative to other entities that operate within these industries. Inter-segment pricing is determined on an arm's length basis.

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<i>For the year ended 31 December</i>	Manufacturing and selling of equipments for electrical systems		Generating and selling electricity		Construction service		Maintenance service, rental service and others		Eliminations		Total	
	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020
<i>(in thousand Baht)</i>												
<b>Information about reportable segments</b>												
External revenues	1,474,970	1,495,878	5,279,548	4,301,112	1,888,969	2,022,418	674,675	829,935	-	-	9,318,162	8,649,343
Inter-segment revenue	946,018	801,862	-	-	565,477	455,494	67,353	80,503	(1,578,848)	(1,337,859)	-	-
<b>Total revenue</b>	<b>2,420,988</b>	<b>2,297,740</b>	<b>5,279,548</b>	<b>4,301,112</b>	<b>2,454,446</b>	<b>2,477,912</b>	<b>742,028</b>	<b>910,438</b>	<b>(1,578,848)</b>	<b>(1,337,859)</b>	<b>9,318,162</b>	<b>8,649,343</b>
<b>Disaggregation of revenue</b>												
<b>Primary geographical markets</b>												
Thailand	2,418,868	2,216,890	3,739,080	3,164,385	2,454,446	2,477,912	742,028	910,438	(1,578,848)	(1,337,859)	7,775,574	7,431,766
Japan	-	-	931,850	876,851	-	-	-	-	-	-	931,850	876,851
Vietnam	-	-	608,618	259,876	-	-	-	-	-	-	608,618	259,876
Other countries	2,120	80,850	-	-	-	-	-	-	-	-	2,120	80,850
<b>Total revenue</b>	<b>2,420,988</b>	<b>2,297,740</b>	<b>5,279,548</b>	<b>4,301,112</b>	<b>2,454,446</b>	<b>2,477,912</b>	<b>742,028</b>	<b>910,438</b>	<b>(1,578,848)</b>	<b>(1,337,859)</b>	<b>9,318,162</b>	<b>8,649,343</b>
<b>Timing of revenue recognition</b>												
At a point in time	2,420,988	2,297,740	471,423	207,756	-	-	498,667	705,721	(946,018)	(801,863)	2,445,060	2,409,354
Over time	-	-	4,808,125	4,093,356	2,454,446	2,477,912	243,361	204,717	(632,830)	(535,996)	6,873,102	6,239,989
<b>Total revenue</b>	<b>2,420,988</b>	<b>2,297,740</b>	<b>5,279,548</b>	<b>4,301,112</b>	<b>2,454,446</b>	<b>2,477,912</b>	<b>742,028</b>	<b>910,438</b>	<b>(1,578,848)</b>	<b>(1,337,859)</b>	<b>9,318,162</b>	<b>8,649,343</b>
<b>Segment gross profit</b>	<b>285,811</b>	<b>394,634</b>	<b>2,965,527</b>	<b>2,383,033</b>	<b>385,010</b>	<b>298,373</b>	<b>168,402</b>	<b>132,633</b>	<b>(60,088)</b>	<b>(167,630)</b>	<b>3,744,662</b>	<b>3,041,043</b>
<b>Segment assets</b>	<b>2,157,797</b>	<b>2,905,876</b>	<b>37,140,867</b>	<b>40,946,084</b>	<b>2,257,391</b>	<b>2,370,554</b>	<b>1,780,277</b>	<b>918,222</b>	<b>(850,978)</b>	<b>(1,108,580)</b>	<b>42,485,354</b>	<b>46,032,156</b>

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2021**

**(a) Reconciliation of reportable segment profit or loss**

	<b>Consolidated financial statements</b>	
	2021	2020
	<i>(in thousand Baht)</i>	
<b>Profit or loss</b>		
Total gross profit for reportable segments	3,744,662	3,041,043
Unallocated amounts		
- Other corporate expenses	(1,523,143)	(1,805,804)
- Gain on sale of investment in subsidiary	-	1,977,596
- Gain on bargain purchase	-	259,273
- Share of profit of associates and joint ventures accounted for using equity method	217,837	72,596
<b>Profit before income tax</b>	<b><u>2,439,356</u></b>	<b><u>3,544,704</u></b>

**(b) Geographical segments**

In presenting information on the basis of geographical segments, segment revenue is based on the geographical location of customers. Segment assets are based on the geographical location of the assets.

<b>Geographical information</b>	<b>Consolidated financial statements</b>			
	<b>Revenues</b>		<b>Assets</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
Thailand	7,775,574	7,431,766	28,081,080	29,098,122
Japan	931,850	876,851	7,208,371	10,558,135
Vietnam	608,618	259,876	5,263,358	4,761,557
Other countries	2,120	80,850	99,860	48,597
Investments in associates and joint ventures	-	-	1,832,685	1,565,745
<b>Total</b>	<b><u>9,318,162</u></b>	<b><u>8,649,343</u></b>	<b><u>42,485,354</u></b>	<b><u>46,032,156</u></b>

**(c) Major customer**

Revenue from three customers of the Group's manufacturing and selling of equipments for electrical systems, generating and selling electricity and domestic construction service segments represent approximately Baht 4,510.80 million of the Group's total revenues (2020: three customers, amount Baht 4,136.01 million).

The Group recognises revenue in an amount that corresponds directly with the value to the customer of the date on which the performance obligations are satisfied.

**(d) Promotional privileges**

By virtue of the provisions of the Industrial Investment Promotion Act of B.E. 2520, the subsidiaries have been granted privileges by the Board of Investment relating to generate electricity from wind energy, solar energy and solar rooftop energy. The Group has been granted several privileges including exemption and/or reduction from payment of income tax on the net profit derived from promoted operations with certain terms and conditions prescribed in the promotional certificates.



**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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<i>Year ended 31 December</i>	<b>Consolidated financial statements</b>					
	2021			2020		
	Promoted businesses	Non-promoted businesses	Total	Promoted businesses	Non- promoted businesses	Total
	<i>(in thousand Baht)</i>					
Export sales	-	1,554,108	1,554,108	-	1,217,577	1,217,577
Local sales	3,742,178	5,600,724	9,342,902	3,189,018	5,580,607	8,769,625
Eliminations	-	(1,578,848)	(1,578,848)	-	(1,337,859)	(1,337,859)
<b>Total revenue</b>	<b><u>3,742,178</u></b>	<b><u>5,575,984</u></b>	<b><u>9,318,162</u></b>	<b><u>3,189,018</u></b>	<b><u>5,460,325</u></b>	<b><u>8,649,343</u></b>

**22 Expenses by nature**

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
Changes in inventories of finished goods and work in progress	(113,723)	37,549	(26,621)	(1,270)
Raw materials and consumables used	1,211,180	970,629	1,384,931	1,361,694
Construction costs	1,571,729	1,814,551	39,302	-
Depreciation and amortisation	1,541,984	1,353,457	30,842	14,863
Cost of sale of assets under finance lease	870,825	891,848	-	-
Employee benefit expenses	632,712	595,767	291,076	315,894
Operation and maintenance service fee	202,729	221,149	3,338	2,452
Bank charge and others service fee	109,607	116,174	24,052	20,534
Consulting fees	85,131	136,496	18,462	38,005
Land and buildings Tax	66,361	75,034	36	22
Utility expense and supplies used	65,258	73,184	8,344	12,389
Insurance premium	65,283	60,109	1,953	1,665
Rental fee	14,167	27,918	7,749	21,846
Travelling and transportation expense	22,115	23,667	7,675	10,309
Impairment loss on investment in subsidiary	-	-	13,513	-
Others	200,223	166,045	24,342	26,641
<b>Total cost of sales, cost of sale of electricity, cost of rendering of services, cost of construction services, distribution costs and administrative expenses</b>	<b><u>6,545,581</u></b>	<b><u>6,563,577</u></b>	<b><u>1,828,994</u></b>	<b><u>1,825,044</u></b>

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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**23 Finance costs**

	<i>Note</i>	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
		2021	2020	2021	2020
		<i>(in thousand Baht)</i>			
<b>Interest expense</b>					
Related parties	4	-	-	2,588	3,805
Loans and overdrafts		655,612	600,865	72,843	48,304
<b>Total</b>		<b>655,612</b>	<b>600,865</b>	<b>75,431</b>	<b>52,109</b>
Debenture		252,537	258,638	252,538	258,638
Amortisation of financing fees		31,175	31,449	11,274	9,134
Others		32,356	22,591	1,599	1,511
<b>Total</b>		<b>316,068</b>	<b>312,678</b>	<b>265,411</b>	<b>269,283</b>
<i>Less</i> amounts included in the cost of qualifying assets:					
- Property, plant and equipment under construction		(1,154)	(1,774)	-	-
		<b>(1,154)</b>	<b>(1,774)</b>	<b>-</b>	<b>-</b>
<b>Net</b>		<b>970,526</b>	<b>911,769</b>	<b>340,842</b>	<b>321,392</b>

**24 Income tax**

<i>Income tax recognised in profit or loss</i>	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
<b>Current tax expense</b>				
Current year	155,873	64,634	-	-
Under (over) provided in prior years	-	(324)	-	-
	<b>155,873</b>	<b>64,310</b>	<b>-</b>	<b>-</b>
<b>Deferred tax expense</b>				
Movements in temporary differences	31,965	55,102	12,458	50,072
<b>Total income tax expense</b>	<b>187,838</b>	<b>119,412</b>	<b>12,458</b>	<b>50,072</b>

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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<i>Reconciliation of effective tax rate</i>	<b>Consolidated financial statements</b>			
		2021		2020
	<i>Rate (%)</i>	<i>(in thousand Baht)</i>	<i>Rate (%)</i>	<i>(in thousand Baht)</i>
Profit before income tax expense		2,439,356		3,544,704
Income tax using the Thai corporation tax rate	20.0	487,871	20.0	708,941
Income not subject to tax		(248,883)		(594,663)
Expenses not deductible for tax purposes		34,856		16,811
Addition deductible expense for tax purpose		(5,911)		(5,594)
Under (over) provided in prior years		-		(324)
Recognition of previously unrecognised tax losses		(221,741)		(17,653)
Current year losses for which no deferred tax asset was recognised		123,560		12,327
Effect of different tax rates in each entity		18,086		(433)
<b>Total</b>	<b>7.70</b>	<b>187,838</b>	<b>3.37</b>	<b>119,412</b>

<i>Reconciliation of effective tax rate</i>	<b>Separate financial statements</b>			
		2021		2020
	<i>Rate (%)</i>	<i>(in thousand Baht)</i>	<i>Rate (%)</i>	<i>(in thousand Baht)</i>
Profit before income tax expense		2,199,866		2,247,224
Income tax using the Thai corporation tax rate	20.0	439,973	20.0	449,445
Income not subject to tax		(320,056)		(390,408)
Expenses not deductible for tax purposes		989		3,155
Addition deductible expense for tax purpose		(168)		-
Recognition of previously unrecognised tax losses		(220,181)		(12,120)
Current year losses for which no deferred tax asset was recognised		111,901		-
<b>Total</b>	<b>0.57</b>	<b>12,458</b>	<b>2.23</b>	<b>50,072</b>

<i>Deferred tax assets and liabilities</i>	<b>Consolidated financial statements</b>				
		<b>Assets</b>		<b>Liabilities</b>	
		2021	2020	2021	2020
		<i>(in thousand Baht)</i>			
Total	125,677	141,250	(328,904)	(311,121)	
Set off of tax	(72,316)	(84,488)	72,316	84,488	
<b>Net deferred tax assets (liabilities)</b>	<b>53,361</b>	<b>56,762</b>	<b>(256,588)</b>	<b>(226,633)</b>	

<i>Deferred tax assets and liabilities</i>	<b>Separate financial statements</b>				
		<b>Assets</b>		<b>Liabilities</b>	
		2021	2020	2021	2020
		<i>(in thousand Baht)</i>			
Total	27,047	38,331	-	(425)	
Set off of tax	-	(425)	-	425	
<b>Net deferred tax assets</b>	<b>27,047</b>	<b>37,906</b>	<b>-</b>	<b>-</b>	

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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	<b>Consolidated financial statements</b>					
	(Charged) / credited to					
	<b>At 1 January</b>	Profit or loss	Other comprehensive income <i>(in thousand Baht)</i>	Equity	Effect of movements in exchange rates	<b>At 31 December</b>
<b>2021</b>						
<b><i>Deferred tax assets</i></b>						
Trade account receivable and other receivables	2,256	(1,120)	-	-	-	1,136
Derivatives	22,818	(22,818)	-	-	-	-
Inventories	9,371	45	-	-	-	9,416
Provisions	10,073	4,824	-	-	228	15,125
Provisions for employee benefit	17,219	1,989	2,779	(90)	-	21,897
Profit in inventories	6,149	(1,416)	-	-	-	4,733
Profit in property, plant and equipment	22,476	-	-	-	-	22,476
Profit in intangible assets	23,334	-	-	-	-	23,334
Property, plant and equipment	27,479	-	-	-	-	27,479
Lease liabilities	11	6	-	-	-	17
Loss carry forward	64	-	-	-	-	64
<b>Total</b>	<b>141,250</b>	<b>(18,490)</b>	<b>2,779</b>	<b>(90)</b>	<b>228</b>	<b>125,677</b>
<b><i>Deferred tax liabilities</i></b>						
Lease receivables	-	(28)	-	-	-	(28)
Derivatives	-	(1,327)	-	-	-	(1,327)
Property, plant and equipment	(11,123)	(12,543)	-	90	-	(23,576)
Right to power purchase agreement and right to operate <i>(See note 14)</i>	(298,674)	-	-	-	(4,398)	(303,072)
Lease liabilities	(1,275)	388	-	-	-	(887)
Others	(49)	35	-	-	-	(14)
<b>Total</b>	<b>(311,121)</b>	<b>(13,475)</b>	<b>-</b>	<b>90</b>	<b>(4,398)</b>	<b>(328,904)</b>
<b>Net</b>	<b>(169,871)</b>	<b>(31,965)</b>	<b>2,779</b>	<b>-</b>	<b>(4,170)</b>	<b>(203,227)</b>

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
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	<b>Consolidated financial statements</b>						<b>At 31 December</b>
	<b>At 1 January</b>	<u>(Charged) / credited to</u>		<b>Changes in accounting policies <i>(in thousand Baht)</i></b>	<b>Acquisitions of subsidiaries</b>	<b>Effect of movements in exchange rates</b>	
		Profit or loss	Other comprehensive income				
<b>2020</b>							
<b><i>Deferred tax assets</i></b>							
Trade account receivable and other receivables	1,078	1,178	-	-	-	-	2,256
Derivatives	-	(6,975)	-	29,793	-	-	22,818
Inventories	6,676	2,695	-	-	-	-	9,371
Provisions	6,781	3,111	-	-	-	181	10,073
Provisions for employee benefit	15,267	1,952	-	-	-	-	17,219
Profit in inventories	5,061	1,088	-	-	-	-	6,149
Profit in property, plant and equipment	22,476	-	-	-	-	-	22,476
Profit in intangible assets	23,334	-	-	-	-	-	23,334
Property, plant and equipment	27,479	-	-	-	-	-	27,479
Leases liabilities	366	(355)	-	-	-	-	11
Loss carry forward	51,657	(51,593)	-	-	-	-	64
<b>Total</b>	<b>160,175</b>	<b>(48,899)</b>	<b>-</b>	<b>29,793</b>	<b>-</b>	<b>181</b>	<b>141,250</b>
<b><i>Deferred tax liabilities</i></b>							
Property, plant and equipment	(3,265)	(7,858)	-	-	-	-	(11,123)
Right to power purchase agreement and right to operate <i>(See note 14)</i>	(264,263)	-	-	-	(34,341)	(70)	(298,674)
Leases liabilities	(2,993)	1,704	-	14	-	-	(1,275)
Others	(23)	(49)	23	-	-	-	(49)
<b>Total</b>	<b>(270,544)</b>	<b>(6,203)</b>	<b>23</b>	<b>14</b>	<b>(34,341)</b>	<b>(70)</b>	<b>(311,121)</b>
<b>Net</b>	<b>(110,369)</b>	<b>(55,102)</b>	<b>23</b>	<b>29,807</b>	<b>(34,341)</b>	<b>111</b>	<b>(169,871)</b>

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
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	Separate financial statements				At 31 December
	At 1 January	(Charged)/ credited to:		Changes in accounting policies	
<i>Deferred tax</i>		Profit or loss	Other comprehensive income		
			<i>(in thousand Baht)</i>		
<b>2021</b>					
<i>Deferred tax assets</i>					
Trade account receivable and other receivables	1,330	(1,120)	-	-	210
Inventories	4,250	-	-	-	4,250
Provisions	315	(34)	-	-	281
Provisions for employee benefit	10,893	(281)	1,599	-	12,211
Derivative	21,543	(11,459)	-	-	10,084
Lease liabilities	-	11	-	-	11
<b>Total</b>	<b>38,331</b>	<b>(12,883)</b>	<b>1,599</b>	<b>-</b>	<b>27,047</b>
<i>Deferred tax liabilities</i>					
Lease liabilities	(425)	425	-	-	-
<b>Total</b>	<b>(425)</b>	<b>425</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Net</b>	<b>37,906</b>	<b>(12,458)</b>	<b>1,599</b>	<b>-</b>	<b>27,047</b>
<b>2020</b>					
<i>Deferred tax assets</i>					
Trade account receivable and other receivables	216	1,114	-	-	1,330
Inventories	3,250	1,000	-	-	4,250
Provisions	492	(177)	-	-	315
Provisions for employee benefit	9,814	1,079	-	-	10,893
Derivative	-	(3,676)	-	25,219	21,543
Loss carry forward	51,549	(51,549)	-	-	-
<b>Total</b>	<b>65,321</b>	<b>(52,209)</b>	<b>-</b>	<b>25,219</b>	<b>38,331</b>
<i>Deferred tax liabilities</i>					
Leases liabilities	(2,562)	2,137	-	-	(425)
<b>Total</b>	<b>(2,562)</b>	<b>2,137</b>	<b>-</b>	<b>-</b>	<b>(425)</b>
<b>Net</b>	<b>62,759</b>	<b>(50,072)</b>	<b>-</b>	<b>25,219</b>	<b>37,906</b>
<b>Unrecognised deferred tax assets</b>					
	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>		
	2021	2020	2021	2020	
	<i>(in thousand Baht)</i>				
Loss carry forward	122,953	259,244	110,269	220,105	
<b>Total</b>	<b>122,953</b>	<b>259,244</b>	<b>110,269</b>	<b>220,105</b>	

The tax losses expire in 2026. The Group has not recognised these items as deferred tax assets because it is not probable that the Group will have sufficient future taxable profit to utilise the benefits therefrom.

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**25 Earnings per share**

The calculations of basic earnings per share for the year ended 31 December 2021 and 2020 were based on the profit for the year attributable to ordinary shareholders of the Company and the weighted average number of ordinary shares outstanding during the year after adjusting the number of treasury shares as follows:

	Consolidated financial statements		Separate financial statements	
	2021	2020	2021	2020
	<i>(in thousand Baht/ thousand shares)</i>			
<b>Profit attributable to ordinary shareholders for the year ended 31 December</b>	<b>2,229,270</b>	<b>3,412,337</b>	<b>2,187,407</b>	<b>2,197,152</b>
Number of ordinary shares outstanding as at 1 January				
- ordinary shares of Baht 0.25 each	8,882,531	8,882,531	8,882,531	8,882,531
Effect of treasury shares	<u>(46,451)</u>	<u>(99,044)</u>	<u>(46,451)</u>	<u>(99,044)</u>
<b>Weighted average number of ordinary shares outstanding at 31 December</b>	<b><u>8,836,080</u></b>	<b><u>8,783,487</u></b>	<b><u>8,836,080</u></b>	<b><u>8,783,487</u></b>
<b>Earnings per share (basic) (in Baht)</b>	<b><u>0.25</u></b>	<b><u>0.39</u></b>	<b><u>0.25</u></b>	<b><u>0.25</u></b>

**26 Dividend**

The shareholders of the Company have approved dividends as follows:

	Approval date	Payment schedule	Dividend rate per share (Baht)	Amount (in thousand Baht)	Legal reserve
<b>2021</b>					
Annual dividend 2020	28 April 2021	May 2021	0.182	1,598,566	-
Interim dividend 2021	11 August 2021	September 2021	0.06	532,946	-
				<b><u>2,131,512</u></b>	<b><u>-</u></b>
<b>2020</b>					
Annual dividend 2019	21 April 2020	May 2020	0.136	<b><u>1,194,551</u></b>	<b><u>-</u></b>

**27 Financial instruments**

**(a) Carrying amounts and fair values**

The following table shows the carrying amounts and fair values of financial assets and financial liabilities, including their levels in the fair value hierarchy for financial instruments measured at fair value. It does not include fair value information for financial assets and financial liabilities not measured at fair value if the carrying amount is a reasonable approximation of fair value.

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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<i>At 31 December 2021</i>	Consolidated financial statements					Fair value			
	Fair value – applied hedge accounting	Fair value through profit or loss	Carrying amount Fair value through other comprehensive income	Amortised cost - net <i>(in thousand Baht)</i>	Total	Level 1	Level 2	Level 3	Total
<b><i>Financial assets</i></b>									
Other current financial assets	-	19,198	-	-	19,198	-	19,198	-	19,198
Forward exchange contracts	-	1,692	-	-	1,692	-	1,692	-	1,692
Interest rate swap contracts	-	53,520	-	-	53,520	-	53,520	-	53,520
<b>Total financial assets</b>	<b>-</b>	<b>74,410</b>	<b>-</b>	<b>-</b>	<b>74,410</b>	<b>-</b>			
<b><i>Financial liabilities</i></b>									
Loans from financial institutions	-	-	-	138,670	138,670	-	134,081	-	134,081
Debentures	-	-	-	5,939,791	5,939,791	-	5,975,966	-	5,975,966
Interest rate swap contracts	-	207,467	-	-	207,467	-	207,467	-	207,467
Cross currency and interest rate swap contracts	-	56,789	-	-	56,789	-	56,789	-	56,789
<b>Total financial liabilities</b>	<b>-</b>	<b>264,256</b>	<b>-</b>	<b>6,078,461</b>	<b>6,342,717</b>				



**Gunkul Engineering Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2021**

<i>At 31 December 2020</i>	Consolidated financial statements					Fair value			
	Fair value – applied hedge accounting	Fair value through profit or loss	Carrying amount Fair value through other comprehensive income	Amortised cost - net <i>(in thousand Baht)</i>	Total	Level 1	Level 2	Level 3	Total
<b>Financial assets</b>									
Other current financial assets	-	162,315	-	-	162,315	-	162,315	-	162,315
Forward exchange contracts	-	5,284	-	-	5,284	-	5,284	-	5,284
<b>Total financial assets</b>	<b>-</b>	<b>167,599</b>	<b>-</b>	<b>-</b>	<b>167,599</b>				
<b>Financial liabilities</b>									
Loans from financial institutions	-	-	-	151,809	151,809	-	146,402	-	146,402
Debentures	-	-	-	5,954,584	5,954,584	-	5,989,252	-	5,989,252
Forward exchange contracts	-	20,705	-	-	20,705	-	20,705	-	20,705
Interest rate swap contracts	-	428,261	-	-	428,261	-	428,261	-	428,261
Cross currency and interest rate swap contracts	-	143,633	-	-	143,633	-	143,633	-	143,633
<b>Total financial liabilities</b>	<b>-</b>	<b>592,599</b>	<b>-</b>	<b>6,106,393</b>	<b>6,698,992</b>				

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
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	Carrying amount			Separate financial statements		Fair value			
	Fair value – applied hedge accounting	Fair value through profit or loss	Fair value through other comprehensive income	Amortised cost - net <i>(in thousand Baht)</i>	Total	Level 1	Level 2	Level 3	Total
<b>At 31 December 2021</b>									
<b>Financial assets</b>									
Forward exchange contracts	-	622	-	-	622	-	622	-	622
<b>Total financial assets</b>	<b>-</b>	<b>622</b>	<b>-</b>	<b>-</b>	<b>622</b>				
<b>Financial liabilities</b>									
Debentures	-	-	-	5,939,791	5,939,791	-	5,975,966	-	5,975,966
Cross currency and interest rate swap contracts	-	56,789	-	-	56,789	-	56,789	-	56,789
<b>Total financial liabilities</b>	<b>-</b>	<b>56,789</b>	<b>-</b>	<b>5,939,791</b>	<b>5,996,580</b>				
<b>At 31 December 2020</b>									
<b>Financial assets</b>									
Other current financial assets	-	82,000	-	-	82,000	-	82,000	-	82,000
Forward exchange contracts	-	5,284	-	-	5,284	-	5,284	-	5,284
<b>Total financial assets</b>	<b>-</b>	<b>87,284</b>	<b>-</b>	<b>-</b>	<b>87,284</b>				
<b>Financial liabilities</b>									
Debentures	-	-	-	5,954,584	5,954,584	-	5,989,252	-	5,989,252
Forward exchange contracts	-	20,521	-	-	20,521	-	20,521	-	20,521
Cross currency and interest rate swap contracts	-	143,633	-	-	143,633	-	143,633	-	143,633
<b>Total financial liabilities</b>	<b>-</b>	<b>164,154</b>	<b>-</b>	<b>5,954,584</b>	<b>6,118,738</b>				

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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*Financial instruments measured at fair value*

Type	Valuation technique
Investments in marketable unit trusts classified as financial assets measured at FVTPL or FVOCI	The net asset value as of the reporting date.
Interest rate swaps contracts	<i>Swap models:</i> The present value of estimated future cash flows, using an observable yield curve.
Forward exchange contracts	<i>Forward pricing:</i> The fair value is determined using quoted forward exchange rates at the reporting date and present value calculations based on high credit quality yield curves in the respective currencies.
Cross currency and interest rate swap contracts	Derived by using a valuation technique incorporating observable market data.

*Financial instruments not measured at fair value*

Type	Valuation technique
Long-term loans	Discounted cash flow
Debentures	Bid prices from the Thai Bond Market Association as of the reporting date. If not available, the Government Bond Yield Curve from the Thai Bond Market Association for the same period is used, adjusted by an appropriate risk premium.

(b) *Movement of marketable debt securities*

<i>Marketable debt securities</i>	<b>Consolidated financial statements</b>				At 31 December
	At 1 January	Purchase	Disposal <i>(in thousand Baht)</i>	Fair Value adjustment	
<b>2021</b>					
<i>Current financial assets</i>					
Debt securities measured at					
- FVTPL	162,315	2,434,500	(2,577,472)	(145)	19,198
<b>Total</b>	<b><u>162,315</u></b>	<b><u>2,434,500</u></b>	<b><u>(2,577,472)</u></b>	<b><u>(145)</u></b>	<b><u>19,198</u></b>
<b>2020</b>					
<i>Current financial assets</i>					
Debt securities measured at					
- FVTPL	23,553	465,001	(326,050)	(189)	162,315
<b>Total</b>	<b><u>23,553</u></b>	<b><u>465,001</u></b>	<b><u>(326,050)</u></b>	<b><u>(189)</u></b>	<b><u>162,315</u></b>

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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<i>Marketable debt securities</i>	<b>Separate financial statements</b>				At 31 December
	At 1 January	Purchase	Disposal <i>(in thousand Baht)</i>	Fair Value adjustment	
<b>2021</b>					
<i>Current financial assets</i>					
Debt securities measured at					
- FVTPL	82,000	2,259,500	(2,341,500)	-	-
<b>Total</b>	<b>82,000</b>	<b>2,259,500</b>	<b>(2,341,500)</b>	<b>-</b>	<b>-</b>
<b>2020</b>					
<i>Current financial assets</i>					
Debt securities measured at					
- FVTPL	-	242,000	(160,000)	-	82,000
<b>Total</b>	<b>-</b>	<b>242,000</b>	<b>(160,000)</b>	<b>-</b>	<b>82,000</b>

(c) **Financial risk management policies**

**Risk management framework**

The Group's board of directors has overall responsibility for the establishment and oversight of the Group's risk management framework. The board of directors has established the risk management committee, which is responsible for developing and monitoring the Group's risk management policies. The committee reports regularly to the board of directors on its activities.

The Group's risk management policies are established to identify and analyse the risks faced by the Group, to set appropriate risk limits and controls and to monitor risks and adherence to limits. Risk management policies and systems are reviewed regularly to reflect changes in market conditions and the Group's activities. The Group, through its training and management standards and procedures, aims to maintain a disciplined and constructive control environment in which all employees understand their roles and obligations.

The Group audit committee oversees how management monitors compliance with the Group's risk management policies and procedures, and reviews the adequacy of the risk management framework in relation to the risks faced by the Group. The Group audit committee is assisted in its oversight role by internal audit. Internal audit undertakes both regular and ad hoc reviews of risk management controls and procedures, the results of which are reported to the audit committee.

**(c.1) Credit risk**

Credit risk is the risk of financial loss to the Group if a customer or counterparty to a financial instrument fails to meet its contractual obligations, and arises principally from the Group's receivables from customers.

**(c.1.1) Trade accounts receivables and unbilled receivables**

The Group's exposure to credit risk is influenced mainly by the individual characteristics of each customer. However, management also considers the factors that may influence the credit risk of its customer base, including the default risk associated with the industry and country in which customers operate. Detail of concentration of revenue are included in note 21(b) and (c).

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2021**

The risk management committee has established a credit policy under which each new customer is analysed individually for creditworthiness before the Group's commercial terms and conditions are offered. The Group's review includes external ratings, if they are available, financial statements, credit agency information, industry information and in some cases bank references. Sale limits are established for each customer and reviewed regularly. Any sales exceeding those limits require approval from the management.

The Group limits its exposure to credit risk from trade accounts receivables by establishing a maximum payment period. Outstanding trade receivables are regularly monitored by the Group. An impairment analysis is performed by the Group at each reporting date. The provision rates of expected credit loss are based on days past due for individual trade receivables or groupings of various customer segments with similar credit risks to reflect differences between economic conditions in the past, current conditions and the Group's view of economic conditions over the expected lives of the receivables.

The Group has concentrations of credit risk since most of its revenues are contracted under long-term agreements with a small number of parties. However, counterparties are generally government authorities and large public or private corporations, and the risk perceived is low.

(c.1.2) Cash and cash equivalent and derivatives

The Group's exposure to credit risk arising from cash and cash equivalents and derivative assets is limited because the counterparties are banks and financial institutions which the Group considers to have low credit risk.

(c.2) *Liquidity risk*

The Group monitors its liquidity risk and maintains a level of cash and cash equivalents deemed adequate by management to finance the Group's operations and to mitigate the effects of fluctuations in cash flows.

The following table are the remaining contractual maturities of financial liabilities at the reporting date. The amounts are gross and undiscounted and include contractual interest payments and exclude the impact of netting agreements.

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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<i>At 31 December 2021</i>	Carrying amount	At Call	Contractual cash flows			Total
			Within 1 year <i>(in thousand Baht)</i>	1 – 5 years	More than 5 years	
<b>Non-derivative financial liabilities</b>						
Short-term borrowings from financial institutions	1,644,688	394,100	1,251,944	-	-	1,646,044
Trade and other current payables	1,681,236	-	1,681,236	-	-	1,681,236
Payable for purchases of assets	50,920	-	50,920	-	-	50,920
Payables for share subscription	142,024	-	142,024	-	-	142,024
Retention payables	361,693	-	343,873	17,820	-	361,693
Loans from financial institutions	17,159,700	-	2,118,856	9,165,524	8,381,446	19,665,826
Debentures	5,939,791	-	2,989,773	3,317,418	-	6,307,191
Lease liabilities	566,695	-	66,849	188,442	660,582	915,873
Other non-current financial liabilities	618	-	-	-	618	618
	<u>27,547,365</u>	<u>394,100</u>	<u>8,645,475</u>	<u>12,689,204</u>	<u>9,042,646</u>	<u>30,771,425</u>
<b>Derivative financial liabilities</b>						
Cross currency and interest rate swap contracts						
- Cash outflow	(56,789)	-	(124,507)	(523,841)	(142,949)	(791,297)
- Cash inflow	-	-	113,855	485,625	133,463	732,943
Interest rate swap contracts						
- Cash outflow	(207,467)	-	(470,573)	(1,378,183)	(1,096,084)	(2,944,840)
- Cash inflow	-	-	325,663	1,290,765	1,179,069	2,795,497
	<u>(264,256)</u>	<u>-</u>	<u>(155,562)</u>	<u>(125,634)</u>	<u>73,499</u>	<u>(207,697)</u>

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2021**

<i>At 31 December 2020</i>	Carrying amount	At Call	Consolidated financial statements			Total
			Contractual cash flows			
			Within 1 year <i>(in thousand Baht)</i>	1 – 5 years	More than 5 years	
<b><i>Non-derivative financial liabilities</i></b>						
Short-term borrowings from financial institutions	4,659,282	-	4,662,626	-	-	4,662,626
Trade and other current payables	2,403,919	-	2,402,552	1,367	-	2,403,919
Payable for purchases of assets	1,532,604	-	1,532,604	-	-	1,532,604
Payables for share subscription	59,083	-	59,083	-	-	59,083
Retention payables	366,477	-	350,552	15,925	-	366,477
Loans from financial institutions	16,154,106	-	1,911,979	8,197,577	8,357,346	18,466,902
Debentures	5,954,584	-	2,023,124	4,318,950	-	6,342,074
Lease liabilities	594,687	-	64,891	173,684	733,840	972,415
Other non-current financial liabilities	618	-	-	-	618	618
	<b><u>31,725,360</u></b>	<b><u>-</u></b>	<b><u>13,007,411</u></b>	<b><u>12,707,503</u></b>	<b><u>9,091,804</u></b>	<b><u>34,806,718</u></b>
<b><i>Derivative financial liabilities</i></b>						
Cross currency and interest rate swap contracts						
- Cash outflow	(143,633)	-	(122,079)	(513,405)	(277,892)	(913,376)
- Cash inflow	-	-	99,613	429,869	238,534	768,016
Forward exchange contracts						
- Cash outflow	(20,705)	-	(2,149,752)	-	-	(2,149,752)
- Cash inflow	-	-	2,129,047	-	-	2,129,047
Interest rate swap contracts						
- Cash outflow	(428,261)	-	(401,296)	(1,234,015)	(1,139,745)	(2,775,056)
- Cash inflow	-	-	259,776	946,311	1,143,413	2,349,500
	<b><u>(592,599)</u></b>	<b><u>-</u></b>	<b><u>(184,691)</u></b>	<b><u>(371,240)</u></b>	<b><u>(35,690)</u></b>	<b><u>(591,621)</u></b>

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2021**

<i>At 31 December 2021</i>	Carrying amount	At Call	Separate financial statements			Total
			Contractual cash flows Within 1 year <i>(in thousand Baht)</i>	1 – 5 years	More than 5 years	
<b><i>Non-derivative financial liabilities</i></b>						
Short-term borrowings from financial institutions	1,219,551	294,100	926,807	-	-	1,220,907
Short-term loan from related parties	95,000	95,000	-	-	-	95,000
Trade and other current payables	381,431	-	381,431	-	-	381,431
Retention payables	2,726	-	2,122	604	-	2,726
Loans from financial institutions	336,511	-	38,392	145,093	213,962	397,447
Debentures	5,939,791	-	2,989,773	3,317,418	-	6,307,191
Lease liabilities	44,310	-	20,531	25,912	-	46,443
Other non-current financial liabilities	618	-	-	-	618	618
	<b><u>8,019,938</u></b>	<b><u>389,100</u></b>	<b><u>4,359,056</u></b>	<b><u>3,489,027</u></b>	<b><u>214,580</u></b>	<b><u>8,451,763</u></b>
<b><i>Derivative financial liabilities</i></b>						
Cross currency and interest rate swap contracts						
- Cash outflow	(56,789)	-	(124,507)	(523,841)	(142,949)	(791,297)
- Cash inflow	-	-	113,855	485,625	133,463	732,943
	<b><u>(56,789)</u></b>	<b><u>-</u></b>	<b><u>(10,652)</u></b>	<b><u>(38,216)</u></b>	<b><u>(9,486)</u></b>	<b><u>(58,354)</u></b>



**Gunkul Engineering Public Company Limited and its Subsidiaries**  
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<i>At 31 December 2020</i>	Carrying amount	At Call	Separate financial statements			Total
			Contractual cash flows Within 1 year <i>(in thousand Baht)</i>	1 – 5 years	More than 5 years	
<b><i>Non-derivative financial liabilities</i></b>						
Short-term borrowings from financial institutions	4,590,160	-	4,593,504	-	-	4,593,504
Short-term loan from related parties	182,000	182,000	-	-	-	182,000
Trade and other current payables	513,709	-	513,709	-	-	513,709
Payables for share subscription	20,726	-	20,726	-	-	20,726
Retention payables	6,701	-	6,613	88	-	6,701
Loans from financial institutions	364,993	-	39,241	148,491	248,955	436,687
Debentures	5,954,584	-	2,023,124	4,318,950	-	6,342,074
Lease liabilities	52,541	-	17,034	38,787	-	55,821
Other non-current financial liabilities	618	-	-	-	618	618
	<b>11,686,032</b>	<b>182,000</b>	<b>7,213,951</b>	<b>4,506,316</b>	<b>249,573</b>	<b>12,151,840</b>
<b><i>Derivative financial liabilities</i></b>						
Cross currency and interest rate swap contracts						
- Cash outflow	(143,633)	-	(122,079)	(513,405)	(277,892)	(913,376)
- Cash inflow	-	-	99,613	429,869	238,534	768,016
Forward exchange contracts						
- Cash outflow	(20,521)	-	(2,144,360)	-	-	(2,144,360)
- Cash inflow	-	-	2,123,839	-	-	2,123,839
	<b>(164,154)</b>	<b>-</b>	<b>(42,987)</b>	<b>(83,536)</b>	<b>(39,358)</b>	<b>(165,881)</b>

The cash outflows disclosed in the above table represent the contractual undiscounted cash flows relating to derivative financial liabilities held for risk management purposes and which are not usually closed out before contractual maturity. The disclosure shows net cash flow amounts for derivatives that are net cash-settled and gross cash inflow and outflow amounts for derivatives that have simultaneous gross cash settlement.

**(c.3) Market risk**

The Group is exposed to the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market prices. Market risk is as follows:

**(c.3.1) Foreign currency risk**

The Group is exposed to foreign currency risk relating to purchases material, purchases of asset, costs of operation and maintenance and have long-term loan which are denominated in foreign currencies. However, the Group entered into cross currency and interest rate swap contracts to mitigate the exposure of foreign exchange rate. At 31 December, the Group and the Company were exposed to foreign currency risk in respect of financial assets and liabilities denominated in the following currencies:

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**Notes to the financial statements**  
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	31 December 2021			31 December 2020			
	United States Dollars	Euro	Total	United States Dollars	Euro	Malaysian Ringgit	Total
<b>Exposure to foreign currency</b>							
Cash and cash equivalents	111,048	273	111,321	225,518	266	-	225,784
Trade and other current receivables	42,442	-	42,442	1,321,555	-	68,219	1,389,774
Deposits from financial institution pledged as collateral	153,148	-	153,148	149,780	-	-	149,780
Interest-bearing liabilities	(147,335)	-	(147,335)	(336,943)	-	-	(336,943)
Trade and other current payables	(246,958)	(53,973)	(300,931)	(285,043)	(82,449)	-	(367,492)
Payables for share subscription	-	-	-	(38,357)	-	-	(38,357)
Payable for purchases of assets	(11,228)	-	(11,228)	(820,752)	-	-	(820,752)
Retention payables	(154,528)	-	(154,528)	(138,952)	-	-	(138,952)
<b>Gross balance sheet exposure</b>	<b>(253,411)</b>	<b>(53,700)</b>	<b>(307,111)</b>	<b>76,806</b>	<b>(82,183)</b>	<b>68,219</b>	<b>62,842</b>
Estimated forecast payable for operation and maintenance service fee of power plants	(576,559)	(236,934)	(813,493)	(595,078)	(275,309)	-	(870,387)
Estimated forecast trade payables	(114,588)	-	(114,588)	(343,005)	-	-	(343,005)
Estimated forecast cash received	-	-	-	1,014,431	-	-	1,014,431
<b>Gross exposure</b>	<b>(944,558)</b>	<b>(290,634)</b>	<b>(1,235,192)</b>	<b>153,154</b>	<b>(357,492)</b>	<b>68,219</b>	<b>(136,119)</b>
Cross currency and interest rate swap contracts	774,973	-	774,973	891,549	-	-	891,549
Forward exchange contracts	114,588	-	114,588	(671,426)	-	-	(671,426)
<b>Net exposure</b>	<b>(54,997)</b>	<b>(290,634)</b>	<b>(345,631)</b>	<b>373,277</b>	<b>(357,492)</b>	<b>68,219</b>	<b>84,004</b>

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**Separate financial statements**

	31 December 2021				31 December 2020			
	United States Dollars	Japanese Yen	Euro	Total	United States Dollars	Japanese Yen	Euro	Total
<i>Exposure to foreign currency</i>								
Cash and cash equivalents	103,229	-	270	103,499	217,790	-	263	218,053
Trade and other current receivables	1,365	-	-	1,365	333,329	908	-	334,237
Short-term loans to related parties	-	37,626	-	37,626	89,602	1,373,029	-	1,462,631
Interest-bearing liabilities	(6,807)	-	-	(6,807)	(292,329)	-	-	(292,329)
Trade accounts payable	(131,112)	-	(17)	(131,129)	(118,431)	(62)	-	(118,493)
<b>Gross balance sheet exposure</b>	<b>(33,325)</b>	<b>37,626</b>	<b>253</b>	<b>4,554</b>	<b>229,961</b>	<b>1,373,875</b>	<b>263</b>	<b>1,604,099</b>
Estimated forecast trade payables	(60,728)	-	-	(60,728)	(337,612)	-	-	(337,612)
Estimated forecast cash received	-	-	-	-	1,014,431	1,791,496	-	2,805,927
<b>Gross exposure</b>	<b>(94,053)</b>	<b>37,626</b>	<b>253</b>	<b>(56,174)</b>	<b>906,780</b>	<b>3,165,371</b>	<b>263</b>	<b>4,072,414</b>
Cross currency and interest rate swap contracts	774,973	-	-	774,973	891,549	-	-	891,549
Forward exchange contracts	60,728	-	-	60,728	676,819	(1,791,496)	-	(1,114,677)
<b>Net exposure</b>	<b>741,648</b>	<b>37,626</b>	<b>253</b>	<b>779,527</b>	<b>2,475,148</b>	<b>1,373,875</b>	<b>263</b>	<b>3,849,286</b>

**Gunkul Engineering Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2021**

*Cross currency and interest rate swap contracts*

The Group is exposed to foreign currency risk relating to purchases goods, purchases assets and long-term loans which are denominated in foreign currencies. However, the Group entered into cross-currency and interest rate swap contracts for migrates effect of exchange rate.

As at 31 December 2021, the Group has outstanding cross currency and interest rate swap contracts as follow:

<b>Currency and Interest Receive Rate Swap agreements</b>	<b>Currency and Interest Pay Rate Swap agreements</b>	<b>Termination date</b>
U.S. dollars 1.61 million at the rate 0.00%	Baht 56.44 million at the rate 0.64%	25 November 2022
U.S. dollars 1.80 million at the rate 0.00%	Baht 63.32 million at the rate 0.65%	15 November 2022
U.S. dollars 7.45 million at the rate 0.00%	Baht 260.82 million at the rate 0.65%	24 February 2027
U.S. dollars 11.27 million at the rate 0.00%	Baht 394.38 million at the rate 0.65%	15 November 2027

*Sensitivity analysis*

A reasonably possible strengthening (weakening) of Thai Baht against all other foreign currencies at the reporting date would have affected the measurement of financial instruments denominated in a foreign currency. This analysis assumes that all other variables, in particular interest rates, remain constant.

<b>Impact to profit or loss</b>	<b>Movement (%)</b>	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
		<b>Strengthening</b>	<b>Weakening</b>	<b>Strengthening</b>	<b>Weakening</b>
		<i>(in thousand Baht)</i>			
<b>At 31 December 2021</b>					
United States Dollars	1.00	2,534	(2,534)	333	(333)
Euro	1.00	537	(537)	(3)	3
Japanese Yen	1.00	-	-	(376)	376
<b>At 31 December 2020</b>					
United States Dollars	1.00	(768)	768	(2,300)	2,300
Euro	1.00	822	(822)	(3)	3
Japanese Yen	1.00	-	-	(13,739)	13,739
Malaysian Ringgit	1.00	(682)	682	-	-

*(c.3.2) Interest rate risk*

Interest rate risk is the risk that future movements in market interest rates will affect the results of the Group's operations and its cash flows because loan interest rates are mainly floated. The Group is primarily exposed to interest rate risk from its borrowings (see note 15). The Group mitigates this risk by ensuring that the majority of its borrowings are at fixed interest rates and uses derivatives, principally interest rate swaps, to manage exposure to fluctuations in interest rates on specific debt securities and borrowings.

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<i>Exposure to interest rate risk at 31 December</i>	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2021	2020	2021	2020
		<i>(in thousand Baht)</i>		
Loans from financial institutions	17,352,175	16,353,596	338,400	367,200
Interest rate swap contracts	(14,894,789)	(11,903,712)	-	-
<b>Net</b>	<b><u>2,457,386</u></b>	<b><u>4,449,884</u></b>	<b><u>338,400</u></b>	<b><u>367,200</u></b>

***Interest Rate Swap Agreements***

As at 31 December 2021, the Group has outstanding interest rate swap agreements as follow:

<b>Loan facility and outstanding principal</b>	<b>Interest Receive Rate Swap agreements</b>	<b>Interest Pay Rate Swap agreements</b>	<b>Termination date</b>
Loan facility of Baht 3,730 million and U.S. Dollars 81 million and the outstanding principal in interest rate swap agreement of Baht 1,988.54 million.	Floating rate BIBOR 3M +1.50% per annum	Fixed coupon rate 4.485% per annum	27 August 2026
Loan facility of Baht 2,743 million and the outstanding principal in interest rate swap agreement of Baht 2,014.42 million.	Floating rate THBFIX 6M +1.8% per annum	Fixed coupon rate 3.00% per annum	20 December 2027
Loan facility of Baht 3,583 million and the outstanding principal in interest rate swap agreement of Baht 3,225.87 million.	Floating rate THBFIX 6M +1.8% per annum	Fixed coupon rate 3.00% per annum	27 March 2031
Loan facility of Baht 4,080 million and the outstanding principal in interest rate swap agreement of Baht 2,929.85 million.	Floating rate THBFIX 6M +1.8% per annum	Fixed coupon rate 3.00% - 3.53% per annum	29 April 2033
Loan facility of JPY 11,699 million and the outstanding principal in interest rate swap agreement of JPY 7,270 million.	Floating rate TIBOR 6M +1.3% per annum	Fixed coupon rate 2.126% per annum	30 June 2036
Loan facility of U.S. Dollars 33.93 million and the outstanding principal in interest rate swap agreement of U.S. Dollars 31.26 million.	Floating rate LIBOR 3M per annum	Fixed coupon rate 0.68% and 1.00% per annum	31 March 2033
Loan facility of U.S. Dollars 20.90million and the outstanding principal in interest rate swap agreement of U.S. Dollars 20.90 million.	Floating rate LIBOR 3M per annum	Fixed coupon rate 1.715 per annum	31 December 2031

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*Cash flow sensitivity analysis for variable-rate instruments*

A reasonable possible change of 1% in interest rates at the reporting date; this analysis assumes that all other variables, in particular foreign currency exchange rates, remain constant.

<i>Impact to profit or loss</i>	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	1% increase in interest rate	1% decrease in interest rate	1% increase in interest rate	1% decrease in interest rate
	<i>(in thousand Baht)</i>			
<b>2021</b>				
Cash flow sensitivity (net)	(24,574)	24,574	(3,384)	3,384
<b>2020</b>				
Cash flow sensitivity (net)	(44,499)	44,499	(3,672)	3,672

**(d) Capital management**

The Board of Directors' policy is to maintain a strong capital base so as to maintain investor, creditor and market confidence and to sustain future development of the business. The Board regularly monitors the return on capital, by evaluating result from operating activities divided by total shareholders' equity, excluding non-controlling interests and also monitors the level of dividends to ordinary shareholders.

**28 Commitments with non-related parties**

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2021	2020	2021	2020
	<i>(in thousand Baht)</i>			
<b>Capital commitment</b>				
Design, construction and installment for project under construction	44,422	140,771	-	-
<b>Total</b>	<b>44,422</b>	<b>140,771</b>	<b>-</b>	<b>-</b>

**Letters of Guarantee**

The Group and the Company had commitment to local banks and Thailand office of foreign financial institutions for letter of guarantee issued for sales and purchase of electricity, electricity used, purchase of machinery and rental agreements to certain government sector and private sectors. As at 31 December 2021, the Group had outstanding commitments being amount of Baht 2,044.29 million (31 December 2020: Baht 1,759.58 million, U.S. Dollars 31.5 million and Malaysian Ringgit 10.98 million).

**Significant Agreements**

**Consultant Agreement**

The Group was committed the consultant fee to prepare environmental impact reports, consultant fee of project development and engineering feasibility studies. As at 31 December 2021, the Group had outstanding commitments being amount of Baht 6.71 million and JPY 245.40 million (31 December 2020: Baht 8.05 million and JPY 259.80 million).

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*Service Agreement*

The Group had obligation commitment in operation and maintenance service of power plant contracts. As at 31 December 2021, the Group outstanding obligation remains at Baht 46.81 million, EUR 6.19 million, U.S. Dollars 19.84 million, JPY 3,759.19 million and VND 32,522.14 million. (31 December 2020: Baht 72.92 million, EUR 7.41 million, U.S. Dollars 23.39 million, JPY 3,957.04 million and VND 40,836.42 million).

*Power Purchase Agreement*

The Group has the power purchase agreements for 15 - 25 years, 5 years and renew 5 years automatically with the Electricity Generating Authority of Thailand, Provincial Electricity Authority, Metropolitan Electricity Authority, including power purchase agreements in overseas and private sectors whereby the Group will supply the electric energy at the agreed quantity and price. The Group must comply with conditions and restrictions provided for in the agreement.

**29 Events after the reporting period**

At the Board of Directors' meeting of the Company held on 23 February 2022, the Board approved to submit for approval at the annual general meeting of the shareholders of the Company on 27 April 2022. The appropriation of the profit allocation from the results of the Company's operation to be cash dividend at the rate of Baht 0.12 per share, total amount does not exceed Baht 1,068 million. The balance of dividend is subject to the approval of the shareholders at the annual general meeting on 27 April 2022.

**30 Thai Financial Reporting Standards (TFRS) not yet adopted**

Revised TFRS due to Interbank Offer Rate (IBOR) reform - Phase 2, which are relevant to the Group's operations, expected to have material impact on the consolidated and separate financial statements when initially adopted, and will become effective for the financial statements in annual reporting periods beginning on or after 1 January 2022, are as follows:

<b>TFRS</b>	<b>Topic</b>
TFRS 7	Financial Instruments: Disclosures
TFRS 9	Financial Instruments
TFRS 16	Leases

The amendments are applicable when an existing interest rate benchmark is replaced by another interest rate benchmark. The amendments provide a practical expedient that modifications to asset and liability values as a direct consequence of the interest rate benchmark reform and the new basis for determining the contractual cash flows is economically equivalent to the previous basis (i.e. the basis immediately preceding the change), can be accounted for by only updating the effective interest rate.

The amendments to these standards are effective for the financial statements in annual reporting periods beginning on or after 1 January 2022. Management is currently considering the potential impact from these amendment in the initial period adopted.

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**31 Reclassification of accounts**

Certain accounts in the 2020 financial statements, which are included in the 2021 financial statements for comparative purposes, have been reclassified to conform to the presentation in the 2021 financial statements as follows:

	2020			2020		
	Consolidated financial statements			Separate financial statements		
	Before reclass.	Reclass.	After reclass. <i>(in thousand Baht)</i>	Before reclass.	Reclass.	After reclass.
<i>Statement of financial position as at 31 December 2020</i>						
Property, plant and equipment	26,942,971	(28,555)	26,914,415	59,468	(12,611)	46,857
Right-of-use assets	682,345	<u>28,555</u>	710,900	42,055	<u>12,611</u>	54,666
		<u>-</u>			<u>-</u>	

The reclassifications have been made in the opinion of management, the new classification is more appropriate to the Group's business.