

**RATCH Group Public Company Limited  
and its subsidiaries**

Financial statements for the year ended  
31 December 2022  
and  
Independent Auditor's Report

## **Independent Auditor’s Report**

### **To the Shareholders of RATCH Group Public Company Limited**

#### *Opinion*

I have audited the consolidated and separate financial statements of RATCH Group Public Company Limited and its subsidiaries (the “Group”) and of RATCH Group Public Company Limited (the “Company”), respectively, which comprise the consolidated and separate statements of financial position as at 31 December 2022, 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 2022 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 including Independence Standards* 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 judgement, 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, right to power purchase agreements and property, plant and equipment particularly the power plants in Australia in the consolidated financial statements and investment in subsidiary in the separate financial statements</b>  |  |
|--|--|
| Refer to Notes 3, 10, 12 and 14 to the financial statements.   |  |
| <b>The key audit matter</b>  | <b>How the matter was addressed in the audit</b>   |
| <p>As at 31 December 2022, the Group holds significant amounts of goodwill, right to power purchase agreements and property, plant and equipment on the consolidated statement of financial position which contains a net book value of goodwill of Baht 175 million and net book value of right to power purchase agreements and property, plant and equipment of Baht 22,997 million together representing approximately 10% of total assets. There is a risk that the carrying values of the Group's goodwill, right to power purchase agreements and property, plant and equipment balances might exceed its recoverable amounts.</p> <p>The Company also has an investment in RH International Corporation Limited ("RHIC"), a subsidiary in Thailand, amounting to Baht 59,775 million which holds, via RH International (Singapore) Corporation Pte. Ltd., investments in the power plants in Australia. The recoverability of the investment in RHIC is a key audit matter because the investments in the power plants in Australia might be impaired.</p> <p>I focused on the estimated value in use of the cash generation units "CGUs" of the operation of the power plants in Australia because the determination of future cash flows and the recoverable amounts are highly judgemental and subject to material uncertainty.</p> | <p>My audit procedures in this area included, among others:</p> <ul style="list-style-type: none"> <li>- assessing the Group's process for identifying indicators of impairment;</li> <li>- assessing the Group's response to the identified impairment indicators;</li> <li>- understanding process for estimating the impairment;</li> <li>- involving KPMG in Australia to assist in evaluating the appropriateness of discount rates applied, which included comparing the weight average cost of capital with sector averages for the relevant markets in which the Group operate and evaluating the appropriateness of the assumptions applied to key inputs such as contracted revenue, prices, operating costs, inflation rate and long-term growth rates, which included comparing these inputs with externally derived data. In addition, KPMG in Australia performed sensitivity analysis, which included assessing the effect of reasonably possible reductions in growth rates and forecast cash flows to evaluate the impact on the CGUs;</li> <li>- assessing the appropriateness of discount rates applied;</li> <li>- involving KPMG in Singapore to evaluate the appropriateness of key assumptions applied in determining the recoverable amounts of the investments in the power generation in Australia, including the consistency of the assumptions with business plans and forecasts used for impairment testing as described in my response above; and</li> <li>- evaluating the adequacy of the financial statements disclosures in accordance with Thai Financial Reporting Standards.</li> </ul> |

| <b>Fair value assessment of net assets acquired from business acquisition</b>  |   |
|--|---|
| Refer to Notes 3 and 4 to the financial statements.  |   |
| <b>The key audit matter</b>  | <b>How the matter was addressed in the audit</b>  |
| <p>On 20 December 2022, the indirect subsidiary acquired the ordinary shares of the group of an international company to jointly operate the projects in Southeast Asia and Australia energy business. The Group appointed an independent appraiser to determine the fair value of net assets acquired from the business acquisition including the consideration transferred which as at the</p> | <p>My audit procedures in this area included, among others:</p> <ul style="list-style-type: none"> <li>- reading the share sale and purchase agreement, evaluating the appropriateness of the identification of the net assets acquired at the date of acquisition;</li> <li>- evaluating significant assumptions underpinning the valuations reference to internal and external</li> </ul> |

|   |  |
|---|--|
| <p>reporting date, the appraisal has not yet been completed and therefore has been recorded at provisional amounts. The consideration transferred is higher than the fair value of the identifiable net assets acquired net of the previous equity interests. The Group recognised goodwill of Baht 9,765 million in the consolidated statement of financial position as at 31 December 2022.</p> <p>Due to the materiality of the transactions and the significant judgement and complexities involved in determining the fair value. I considered this as a key audit matter.</p> | <p>information used to determine the fair value of the business prepared by an independent appraiser appointed by management;</p> <ul style="list-style-type: none"> <li>- evaluate the competency and independence of independent valuer of the Group;</li> <li>- consulting with KPMG valuation specialist to evaluate the appropriateness of financial parameters applied to the discount rate, the valuation methodology and calculation rationale; and</li> <li>- evaluating the adequacy of the financial statements disclosures in accordance with Thai Financial Reporting Standards.</li> </ul> |
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*Emphasis of Matter*

I draw attention to note 4 to the financial statements. The Group acquired a business during the year ended 31 December 2022 and engaged an independent appraiser to determine the fair value of the identifiable assets acquired and liabilities assumed from the business acquisitions. As at the reporting date, the appraisal has not yet been completed and therefore the fair value was determined provisionally and is subject to adjustment. Also I draw attention to note 10 to the financial statements, the valuation of net assets of a local entity which the Company acquired on 13 December 2021 was completed in August 2022. The corresponding figures presented are based on the audited financial statements as at 31 December 2021 after making the adjustments described in note 10 to the financial statements. My opinion is not modified in respect of these matters.

*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 judgement 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, action taken to eliminate threats or safeguards applied.

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.

(Vairoj Jindamaneepitak)  
Certified Public Accountant  
Registration No. 3565

KPMG Phoomchai Audit Ltd.  
Bangkok  
28 February 2023

**RATCH Group Public Company Limited and its subsidiaries**  
**Statement of financial position**

| Assets   | Note  | Consolidated           |                        | Separate               |                       |
|--|-------|------------------------|------------------------|------------------------|-----------------------|
|  |       | financial statements   |                        | financial statements   |                       |
|  |       | 31 December            |                        | 31 December            |                       |
|  |       | 2022                   | 2021                   | 2022                   | 2021                  |
|  |       |                        | (Restated)             |                        |                       |
|  |       | <i>(in Baht)</i>       |                        |                        |                       |
| <b>Current assets</b>  |       |                        |                        |                        |                       |
| Cash and cash equivalents                                      | 6     | 34,341,174,186         | 6,961,494,467          | 936,197,625            | 692,550,892           |
| Trade receivables from related parties                         | 5, 7  | 11,517,678,308         | 8,934,057,143          | -                      | -                     |
| Trade receivables from other parties                           | 7     | 1,064,676,811          | 840,139,539            | -                      | -                     |
| Other current receivables                                      |       | 1,112,041,003          | 596,115,967            | 69,802,548             | 42,458,153            |
| Advances to and other current receivables from related parties | 5     | 59,817,878             | 31,468,309             | 123,392,421            | 113,960,562           |
| Short-term loans to related parties                            | 5     | -                      | -                      | 143,642,411            | 185,617,452           |
| Current portion of lease receivable                            | 5     | 1,983,048,700          | 3,046,399,369          | -                      | -                     |
| Spare parts and supplies                                       | 8     | 1,945,796,919          | 1,901,844,963          | -                      | -                     |
| Other current financial assets                                 | 26    | 3,158,373,423          | 2,899,229,053          | 2,601,633,412          | 335,663,961           |
| Current portion of derivative assets                           | 26    | 41,601,486             | 834,220                | -                      | -                     |
| Other current assets   |       | 259,954,615            | 104,189,134            | 7,163,607              | 6,685,810             |
| <b>Total current assets</b>                                    |       | <b>55,484,163,329</b>  | <b>25,315,772,164</b>  | <b>3,881,832,024</b>   | <b>1,376,936,830</b>  |
| <b>Non-current assets</b>                                      |       |                        |                        |                        |                       |
| Other non-current financial assets                             | 26    | 4,032,524,854          | 4,014,147,802          | 2,584,604,592          | 2,152,755,593         |
| Investments in associates                                      | 9     | 10,972,941,780         | 10,439,216,501         | 6,431,741,625          | 6,356,741,625         |
| Investments in subsidiaries                                    | 10    | -                      | -                      | 89,383,333,715         | 55,708,147,476        |
| Investments in joint ventures                                  | 9     | 50,391,978,936         | 40,627,811,350         | 6,549,294,884          | 6,814,073,547         |
| Other non-current receivables from related parties             | 5     | 118,108,302            | 74,159,358             | 211,868,043            | 92,218,055            |
| Derivative assets  | 26    | 1,405,439,809          | -                      | -                      | -                     |
| Long-term loans to related parties                             | 5, 26 | 770,633,721            | 656,164,226            | 3,854,448,777          | 2,804,097,662         |
| Long-term loan to other parties                                | 26    | 4,467,775,558          | 2,652,435,074          | -                      | -                     |
| Investment properties  | 5     | 127,980,094            | 110,827,171            | -                      | -                     |
| Land for future development projects                           | 11    | 355,767,391            | 372,920,314            | 305,389,850            | 305,389,850           |
| Property, plant and equipment                                  | 12    | 52,337,819,832         | 35,963,878,510         | 490,225,499            | 507,170,016           |
| Right-of-use assets  | 13    | 3,775,386,378          | 2,174,445,486          | 23,422,383             | 29,835,814            |
| Goodwill   | 14    | 9,940,393,701          | 169,244,256            | -                      | -                     |
| Intangible assets other than goodwill                          | 14    | 9,574,909,109          | 6,905,408,608          | 157,803                | 458,165               |
| Lease receivable   | 5     | 23,690,813,005         | 25,202,498,621         | -                      | -                     |
| Deferred tax assets  | 22    | -                      | 97,672,062             | -                      | -                     |
| Other non-current assets                                       | 15    | 2,131,645,392          | 2,238,860,185          | 4,530,126              | 4,525,679             |
| <b>Total non-current assets</b>                                |       | <b>174,094,117,862</b> | <b>131,699,689,524</b> | <b>109,839,017,297</b> | <b>74,775,413,482</b> |
| <b>Total assets</b>  |       | <b>229,578,281,191</b> | <b>157,015,461,688</b> | <b>113,720,849,321</b> | <b>76,152,350,312</b> |

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

**RATCH Group Public Company Limited and its subsidiaries**  
**Statement of financial position**

| Liabilities and equity   | Note   | Consolidated           |                        | Separate               |                       |
|--|--------|------------------------|------------------------|------------------------|-----------------------|
|  |        | financial statements   |                        | financial statements   |                       |
|  |        | 31 December            |                        | 31 December            |                       |
|  |        | 2022                   | 2021                   | 2022                   | 2021                  |
|  |        |                        | (Restated)             |                        |                       |
|  |        | (in Baht)              |                        |                        |                       |
| <b>Current liabilities</b>                                     |        |                        |                        |                        |                       |
| Short-term loans from financial institutions                   | 16     | 8,684,886,812          | 5,364,895,500          | -                      | 2,536,000,000         |
| Short-term loans from related party                            | 5, 16  | -                      | -                      | 5,090,000,000          | 5,140,000,000         |
| Trade payables and other current payables                      |        | 11,577,103,291         | 9,432,804,668          | 386,853,973            | 322,094,610           |
| Derivative liabilities   | 26     | 656,596,472            | 346,401,339            | -                      | -                     |
| Current portion of long-term loans from financial institutions | 16, 26 | 6,579,960,664          | 2,670,533,006          | -                      | -                     |
| Current portion of debentures                                  | 16     | 999,575,007            | 1,999,947,476          | 999,575,007            | -                     |
| Current portion of lease liabilities                           | 16     | 171,562,707            | 161,512,501            | 14,029,261             | 15,419,956            |
| Current tax payable  |        | 21,555,863             | 11,053,877             | -                      | -                     |
| Other current liabilities                                      |        | 482,064,444            | 282,739,873            | 22,276,223             | 20,701,931            |
| <b>Total current liabilities</b>                               |        | <b>29,173,305,260</b>  | <b>20,269,888,240</b>  | <b>6,512,734,464</b>   | <b>8,034,216,497</b>  |
| <b>Non-current liabilities</b>                                 |        |                        |                        |                        |                       |
| Long-term loans from financial institutions                    | 16, 26 | 55,080,165,147         | 26,745,189,381         | 21,484,188,397         | 5,000,000,000         |
| Long-term loans  | 16     | 346,958,672            | 320,000,000            | -                      | -                     |
| Lease liabilities  | 16     | 3,192,980,578          | 1,505,423,086          | 10,635,897             | 15,922,023            |
| Other non-current payables to related party                    | 5      | -                      | 4,235,284              | -                      | 4,235,284             |
| Derivative liabilities   | 26     | 3,075,156,685          | 460,668,505            | -                      | -                     |
| Debentures   | 16, 26 | 23,919,047,563         | 22,351,744,059         | 6,991,871,300          | 7,989,734,041         |
| Deferred tax liabilities                                       | 22     | 5,607,300,605          | 4,831,178,820          | 77,066,081             | 3,580,208             |
| Non-current provisions for employee benefits                   | 17     | 293,028,459            | 266,686,262            | 193,537,619            | 179,303,052           |
| Other long-term provisions                                     |        | 1,388,774,687          | 979,905,914            | -                      | -                     |
| Other non-current liabilities                                  |        | 98,294,590             | 2,600,000              | -                      | -                     |
| <b>Total non-current liabilities</b>                           |        | <b>93,001,706,986</b>  | <b>57,467,631,311</b>  | <b>28,757,299,294</b>  | <b>13,192,774,608</b> |
| <b>Total liabilities</b>                                       |        | <b>122,175,012,246</b> | <b>77,737,519,551</b>  | <b>35,270,033,758</b>  | <b>21,226,991,105</b> |
| <b>Equity</b>  |        |                        |                        |                        |                       |
| Share capital:   | 18     |                        |                        |                        |                       |
| Authorised share capital                                       |        |                        |                        |                        |                       |
| - Ordinary shares  |        | 22,192,307,700         | 14,500,000,000         | 22,192,307,700         | 14,500,000,000        |
| Issued and paid-up share capital                               |        |                        |                        |                        |                       |
| - Ordinary shares  |        | 21,749,999,850         | 14,500,000,000         | 21,749,999,850         | 14,500,000,000        |
| Share premium on ordinary shares                               | 18     | 19,279,777,633         | 1,531,778,000          | 19,279,777,633         | 1,531,778,000         |
| Difference arising from common control transaction             |        | -                      | -                      | 221,308,748            | 221,308,748           |
| Retained earnings  |        |                        |                        |                        |                       |
| Appropriated   |        |                        |                        |                        |                       |
| Legal reserve  | 18     | 1,638,780,000          | 1,450,000,000          | 1,638,780,000          | 1,450,000,000         |
| Unappropriated   |        | 59,821,028,087         | 57,924,446,923         | 35,071,141,316         | 37,053,961,765        |
| Other components of equity                                     |        | (4,460,976,921)        | (5,069,737,114)        | 489,808,016            | 168,310,694           |
| <b>Equity attributable to owners of the Company</b>            |        | <b>98,028,608,649</b>  | <b>70,336,487,809</b>  | <b>78,450,815,563</b>  | <b>54,925,359,207</b> |
| Non-controlling interests                                      |        | 9,374,660,296          | 8,941,454,328          | -                      | -                     |
| <b>Total equity</b>  |        | <b>107,403,268,945</b> | <b>79,277,942,137</b>  | <b>78,450,815,563</b>  | <b>54,925,359,207</b> |
| <b>Total liabilities and equity</b>                            |        | <b>229,578,281,191</b> | <b>157,015,461,688</b> | <b>113,720,849,321</b> | <b>76,152,350,312</b> |

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

**RATCH Group Public Company Limited and its subsidiaries**  
**Statement of comprehensive income**

|  | Note  | Consolidated<br>financial statements |                       | Separate<br>financial statements |                      |
|--|-------|--------------------------------------|-----------------------|----------------------------------|----------------------|
|  |       | Year ended 31 December               |                       | Year ended 31 December           |                      |
|  |       | 2022                                 | 2021                  | 2022                             | 2021                 |
|  |       |                                      | (Restated)            |                                  |                      |
|  |       | (in Baht)                            |                       |                                  |                      |
| Revenue from sales and rendering of services   | 5, 20 | 71,882,029,519                       | 35,231,479,642        | -                                | -                    |
| Revenue from lease contracts   | 5     | 2,843,190,606                        | 2,095,297,401         | -                                | -                    |
| Cost of sales and rendering of services  | 5, 21 | (69,286,595,909)                     | (33,116,498,074)      | -                                | -                    |
| <b>Gross profit</b>  |       | <b>5,438,624,216</b>                 | <b>4,210,278,969</b>  | <b>-</b>                         | <b>-</b>             |
| Management service income  | 5     | 275,444,865                          | 224,304,685           | 503,615,559                      | 429,484,729          |
| Interest income  | 5     | 499,612,544                          | 205,354,408           | 235,467,126                      | 108,542,941          |
| Dividend income  | 5, 9  | 26,513,791                           | 58,829,567            | 2,484,409,404                    | 3,529,325,201        |
| Other income   | 5     | 209,055,021                          | 397,952,979           | 19,875,186                       | 13,829,017           |
| Administrative expenses  | 5, 21 | (2,778,700,632)                      | (1,707,794,742)       | (1,078,091,785)                  | (878,619,267)        |
| Net gain on bargain purchase   |       | -                                    | 227,031,962           | -                                | -                    |
| Gain from change in proportion of investment in joint ventures   | 4     | 661,079,766                          | -                     | -                                | -                    |
| Net foreign exchange gain (loss)   |       | (30,132,370)                         | 206,290,135           | 79,070,896                       | 205,176,933          |
| Gain (loss) on fair value adjustment of derivatives  |       | (102,457,722)                        | 143,505,823           | -                                | -                    |
| Finance costs  | 5     | (2,976,667,556)                      | (1,868,068,721)       | (347,775,305)                    | (268,397,872)        |
| Share of profit of joint ventures and associates accounted for using equity method                           | 9     | 5,391,157,218                        | 5,902,400,599         | -                                | -                    |
| <b>Profit before income tax expense</b>  |       | <b>6,613,529,141</b>                 | <b>8,000,085,664</b>  | <b>1,896,571,081</b>             | <b>3,139,341,682</b> |
| Tax (expense) income   | 22    | (937,344,240)                        | (177,173,057)         | 6,888,458                        | 750,675              |
| <b>Profit for the year</b>   |       | <b>5,676,184,901</b>                 | <b>7,822,912,607</b>  | <b>1,903,459,539</b>             | <b>3,140,092,357</b> |
| <b>Other comprehensive income (expense)</b>  |       |                                      |                       |                                  |                      |
| <i>Items that will be reclassified subsequently to profit or loss</i>  |       |                                      |                       |                                  |                      |
| Exchange differences on translating financial statements   |       | (222,097,212)                        | 3,355,442,936         | -                                | -                    |
| Gain (loss) on cash flow hedges  |       | (210,511,392)                        | 613,256,077           | -                                | -                    |
| Share of other comprehensive income of joint ventures and associates accounted for using equity method       | 9     | 1,765,371,505                        | 1,599,144,613         | -                                | -                    |
| Income tax relating to items that will be reclassified   | 22    | (207,018,824)                        | (11,613,932)          | -                                | -                    |
| <b>Total items that will be reclassified subsequently to profit or loss</b>                                  |       | <b>1,125,744,077</b>                 | <b>5,556,229,694</b>  | <b>-</b>                         | <b>-</b>             |
| <i>Items that will not be reclassified to profit or loss</i>   |       |                                      |                       |                                  |                      |
| Gain (loss) on investments in equity instruments designated at fair value through other comprehensive income | 26    | (32,327,860)                         | 123,539,796           | 401,871,652                      | 264,813,025          |
| Gain on remeasurements of defined benefit plans  | 17    | 3,489,816                            | 6,122,618             | -                                | 3,318,405            |
| Share of other comprehensive income of joint ventures and associates accounted for using equity method       | 9     | 11,933,147                           | -                     | -                                | -                    |
| Income tax relating to items that will not be reclassified   | 22    | (80,886,768)                         | (54,187,128)          | (80,374,330)                     | (53,626,285)         |
| <b>Total items that will not be reclassified to profit or loss</b>   |       | <b>(97,791,665)</b>                  | <b>75,475,286</b>     | <b>321,497,322</b>               | <b>214,505,145</b>   |
| <b>Other comprehensive income for the year, net of tax</b>   |       | <b>1,027,952,412</b>                 | <b>5,631,704,980</b>  | <b>321,497,322</b>               | <b>214,505,145</b>   |
| <b>Total comprehensive income for the year</b>   |       | <b>6,704,137,313</b>                 | <b>13,454,617,587</b> | <b>2,224,956,861</b>             | <b>3,354,597,502</b> |
| <b>Profit (Loss) attributable to:</b>  |       |                                      |                       |                                  |                      |
| Owners of the Company  |       | 5,782,072,318                        | 7,818,800,200         | 1,903,459,539                    | 3,140,092,357        |
| Non-controlling interests  |       | (105,887,417)                        | 4,112,407             | -                                | -                    |
| <b>Profit for the year</b>   |       | <b>5,676,184,901</b>                 | <b>7,822,912,607</b>  | <b>1,903,459,539</b>             | <b>3,140,092,357</b> |
| <b>Total comprehensive income attributable to:</b>   |       |                                      |                       |                                  |                      |
| Owners of the Company  |       | 6,390,832,511                        | 13,295,599,917        | 2,224,956,861                    | 3,354,597,502        |
| Non-controlling interests  |       | 313,304,802                          | 159,017,670           | -                                | -                    |
| <b>Total comprehensive income for the year</b>   |       | <b>6,704,137,313</b>                 | <b>13,454,617,587</b> | <b>2,224,956,861</b>             | <b>3,354,597,502</b> |
| <b>Basic earnings per share (in Baht)</b>  | 24    | <b>3.15</b>                          | <b>5.39</b>           | <b>1.04</b>                      | <b>2.17</b>          |

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

RATCH Group Public Company Limited and its subsidiaries

Statement of changes in equity

|  |                            | Consolidated financial statements |                       |                      |                        |                            |                        |                        |  |   |                                  |   |                           |                        |
|--|----------------------------|-----------------------------------|-----------------------|----------------------|------------------------|----------------------------|------------------------|------------------------|--|---|----------------------------------|---|---------------------------|------------------------|
|  |                            | Retained earnings                 |                       |                      |                        | Other components of equity |                        |                        |  |   |                                  |   |                           |                        |
|  |                            | Issued and paid-up share capital  | Share premium         | Legal reserve        | Unappropriated         | Translation reserve        | Fair value reserve     | Hedging reserve        | Share of other comprehensive income (expense) of joint ventures and associates using equity method | Gains (Losses) on remeasurements of defined benefit plans | Total other components of equity | Total equity attributable to owners of the parent | Non-controlling interests | Total equity           |
| Note   |                            |                                   |                       |                      |                        |                            |                        |                        |  |   |                                  |   |                           |                        |
| (in Baht)  |                            |                                   |                       |                      |                        |                            |                        |                        |  |   |                                  |   |                           |                        |
| <b>Year ended 31 December 2021</b>   |                            |                                   |                       |                      |                        |                            |                        |                        |  |   |                                  |   |                           |                        |
| <b>Balance at 1 January 2021</b>   |                            | <b>14,500,000,000</b>             | <b>1,531,778,000</b>  | <b>1,450,000,000</b> | <b>53,585,646,723</b>  | <b>(5,527,376,796)</b>     | <b>(2,031,012,322)</b> | <b>(937,497,342)</b>   | <b>(2,005,003,666)</b>   | <b>(45,646,705)</b>                                       | <b>(10,546,536,831)</b>          | <b>60,520,887,892</b>                             | <b>684,409</b>            | <b>60,521,572,301</b>  |
| <b>Transactions with owners, recorded directly in equity</b>                 |                            |                                   |                       |                      |                        |                            |                        |                        |  |   |                                  |   |                           |                        |
| <i>Distributions to owners of the parent</i>                                 |                            |                                   |                       |                      |                        |                            |                        |                        |  |   |                                  |   |                           |                        |
|  | Dividends                  | 25                                | -                     | -                    | (3,480,000,000)        | -                          | -                      | -                      | -  | -   | -                                | (3,480,000,000)                                   | -                         | (3,480,000,000)        |
| <b>Total distributions to owners</b>   |                            |                                   | <b>-</b>              | <b>-</b>             | <b>(3,480,000,000)</b> | <b>-</b>                   | <b>-</b>               | <b>-</b>               | <b>-</b>   | <b>-</b>  | <b>-</b>                         | <b>(3,480,000,000)</b>                            | <b>-</b>                  | <b>(3,480,000,000)</b> |
| <i>Changes in ownership interests in subsidiaries</i>                        |                            |                                   |                       |                      |                        |                            |                        |                        |  |   |                                  |   |                           |                        |
| Acquisition of non-controlling interests with a change in control - restated |                            |                                   |                       |                      |                        |                            |                        |                        |  |   |                                  |   |                           |                        |
|  |                            |                                   | -                     | -                    | -                      | -                          | -                      | -                      | -  | -   | -                                | -   | 8,781,752,249             | 8,781,752,249          |
| <b>Total changes in ownership interests in subsidiaries</b>                  |                            |                                   | <b>-</b>              | <b>-</b>             | <b>-</b>               | <b>-</b>                   | <b>-</b>               | <b>-</b>               | <b>-</b>   | <b>-</b>  | <b>-</b>                         | <b>-</b>  | <b>8,781,752,249</b>      | <b>8,781,752,249</b>   |
| <b>Total transactions with owners, recorded directly in equity</b>           |                            |                                   | <b>-</b>              | <b>-</b>             | <b>(3,480,000,000)</b> | <b>-</b>                   | <b>-</b>               | <b>-</b>               | <b>-</b>   | <b>-</b>  | <b>-</b>                         | <b>(3,480,000,000)</b>                            | <b>8,781,752,249</b>      | <b>5,301,752,249</b>   |
| <b>Comprehensive income for the year - restated</b>                          |                            |                                   |                       |                      |                        |                            |                        |                        |  |   |                                  |   |                           |                        |
|  | Profit - restated          |                                   | -                     | -                    | 7,818,800,200          | -                          | -                      | -                      | -  | -   | -                                | 7,818,800,200                                     | 4,112,407                 | 7,822,912,607          |
|  | Other comprehensive income |                                   | -                     | -                    | -                      | 3,199,773,273              | 71,341,591             | 601,642,145            | 1,599,144,613  | 4,898,095   | 5,476,799,717                    | 5,476,799,717                                     | 154,905,263               | 5,631,704,980          |
| <b>Total comprehensive income for the year - restated</b>                    |                            |                                   | <b>-</b>              | <b>-</b>             | <b>7,818,800,200</b>   | <b>3,199,773,273</b>       | <b>71,341,591</b>      | <b>601,642,145</b>     | <b>1,599,144,613</b>   | <b>4,898,095</b>  | <b>5,476,799,717</b>             | <b>13,295,599,917</b>                             | <b>159,017,670</b>        | <b>13,454,617,587</b>  |
| <b>Balance at 31 December 2021 - restated</b>                                |                            |                                   | <b>14,500,000,000</b> | <b>1,531,778,000</b> | <b>1,450,000,000</b>   | <b>57,924,446,923</b>      | <b>(2,327,603,523)</b> | <b>(1,959,670,731)</b> | <b>(335,855,197)</b>   | <b>(40,748,610)</b>                                       | <b>(5,069,737,114)</b>           | <b>70,336,487,809</b>                             | <b>8,941,454,328</b>      | <b>79,277,942,137</b>  |

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

RATCH Group Public Company Limited and its subsidiaries

Statement of changes in equity

|   |  | Consolidated financial statements |                       |                       |                       |                            |                        |                         |  |  |                                  |   |                           |                        |
|---|--|-----------------------------------|-----------------------|-----------------------|-----------------------|----------------------------|------------------------|-------------------------|--|--|----------------------------------|---|---------------------------|------------------------|
|   |  | Retained earnings                 |                       |                       |                       | Other components of equity |                        |                         |  |  |                                  |   |                           |                        |
|   |  | Issued and paid-up share capital  | Share premium         | Legal reserve         | Unappropriated        | Translation reserve        | Fair value reserve     | Cash flow hedge reserve | Share of other comprehensive income (expense) of joint ventures and associates using equity method | Gain (loss) on remeasurements of defined benefit plans | Total other components of equity | Total equity attributable to owners of the parent | Non-controlling interests | Total equity           |
| Note  |  |                                   |                       |                       |                       |                            |                        |                         |  |  |                                  |   |                           |                        |
| <b>Year ended 31 December 2022</b>                                      |  |                                   |                       |                       |                       |                            |                        |                         |  |  |                                  |   |                           |                        |
| <b>Balance at 1 January 2022 - As previously reported</b>               |  | <b>14,500,000,000</b>             | <b>1,531,778,000</b>  | <b>1,450,000,000</b>  | <b>57,877,668,427</b> | <b>(2,327,603,523)</b>     | <b>(1,959,670,731)</b> | <b>(335,855,197)</b>    | <b>(405,859,053)</b>   | <b>(40,748,610)</b>                                    | <b>(5,069,737,114)</b>           | <b>70,289,709,313</b>                             | <b>7,519,831,934</b>      | <b>77,809,541,247</b>  |
|   | Adjustment of fair value from acquisition of subsidiary              | 10                                | -                     | -                     | 46,778,496            | -                          | -                      | -                       | -  | -  | -                                | 46,778,496  | 1,421,622,394             | 1,468,400,890          |
| <b>Balance at 1 January 2022 - As restated</b>                          |  | <b>14,500,000,000</b>             | <b>1,531,778,000</b>  | <b>1,450,000,000</b>  | <b>57,924,446,923</b> | <b>(2,327,603,523)</b>     | <b>(1,959,670,731)</b> | <b>(335,855,197)</b>    | <b>(405,859,053)</b>   | <b>(40,748,610)</b>                                    | <b>(5,069,737,114)</b>           | <b>70,336,487,809</b>                             | <b>8,941,454,328</b>      | <b>79,277,942,137</b>  |
| <b>Transactions with owners, recorded directly in equity</b>            |  |                                   |                       |                       |                       |                            |                        |                         |  |  |                                  |   |                           |                        |
| <i>Contributions by and distributions to owners of the parent</i>       |  |                                   |                       |                       |                       |                            |                        |                         |  |  |                                  |   |                           |                        |
|   | Issue of ordinary shares   | 18                                | 7,249,999,850         | 17,747,999,633        | -                     | -                          | -                      | -                       | -  | -  | -                                | 24,997,999,483                                    | -                         | 24,997,999,483         |
|   | Dividends  | 25                                | -                     | -                     | (3,697,499,988)       | -                          | -                      | -                       | -  | -  | -                                | (3,697,499,988)                                   | (364,367,624)             | (4,061,867,612)        |
| <b>Total contributions by and distributions to owners of the parent</b> |  |                                   | <b>7,249,999,850</b>  | <b>17,747,999,633</b> | <b>-</b>              | <b>(3,697,499,988)</b>     | <b>-</b>               | <b>-</b>                | <b>-</b>   | <b>-</b>   | <b>-</b>                         | <b>21,300,499,495</b>                             | <b>(364,367,624)</b>      | <b>20,936,131,871</b>  |
| <i>Changes in ownership interests in subsidiaries</i>                   |  |                                   |                       |                       |                       |                            |                        |                         |  |  |                                  |   |                           |                        |
|   | Acquisition of non-controlling interests with a change in control    | 4                                 | -                     | -                     | -                     | -                          | -                      | -                       | -  | -  | -                                | -   | 530,435,199               | 530,435,199            |
|   | Acquisition of non-controlling interests without a change in control | 10                                | -                     | -                     | -                     | 788,834                    | -                      | -                       | -  | -  | -                                | 788,834   | (46,166,409)              | (45,377,575)           |
| <b>Total changes in ownership interests in subsidiaries</b>             |  |                                   | <b>-</b>              | <b>-</b>              | <b>-</b>              | <b>788,834</b>             | <b>-</b>               | <b>-</b>                | <b>-</b>   | <b>-</b>   | <b>-</b>                         | <b>788,834</b>                                    | <b>484,268,790</b>        | <b>485,057,624</b>     |
| <b>Total transactions with owners, recorded directly in equity</b>      |  |                                   | <b>7,249,999,850</b>  | <b>17,747,999,633</b> | <b>-</b>              | <b>(3,696,711,154)</b>     | <b>-</b>               | <b>-</b>                | <b>-</b>   | <b>-</b>   | <b>-</b>                         | <b>21,301,288,329</b>                             | <b>119,901,166</b>        | <b>21,421,189,495</b>  |
| <b>Comprehensive income (expense) for the year</b>                      |  |                                   |                       |                       |                       |                            |                        |                         |  |  |                                  |   |                           |                        |
|   | Profit (loss)  |                                   | -                     | -                     | 5,782,072,318         | -                          | -                      | -                       | -  | -  | -                                | 5,782,072,318                                     | (105,887,417)             | 5,676,184,901          |
|   | Other comprehensive income (expense)                                 |                                   | -                     | -                     | -                     | (223,815,187)              | (113,057,130)          | (834,128,297)           | 1,777,304,652  | 2,456,155  | 608,760,193                      | 608,760,193                                       | 419,192,219               | 1,027,952,412          |
| <b>Total comprehensive income (expense) for the year</b>                |  |                                   | <b>-</b>              | <b>-</b>              | <b>5,782,072,318</b>  | <b>(223,815,187)</b>       | <b>(113,057,130)</b>   | <b>(834,128,297)</b>    | <b>1,777,304,652</b>   | <b>2,456,155</b>                                       | <b>608,760,193</b>               | <b>6,390,832,511</b>                              | <b>313,304,802</b>        | <b>6,704,137,313</b>   |
|   | Transfer to Legal Reserve  |                                   | -                     | -                     | 188,780,000           | (188,780,000)              | -                      | -                       | -  | -  | -                                | -   | -                         | -                      |
| <b>Balance at 31 December 2022</b>                                      |  |                                   | <b>21,749,999,850</b> | <b>19,279,777,633</b> | <b>1,638,780,000</b>  | <b>59,821,028,087</b>      | <b>(2,551,418,710)</b> | <b>(2,072,727,861)</b>  | <b>(1,169,983,494)</b>   | <b>1,371,445,599</b>                                   | <b>(38,292,455)</b>              | <b>98,028,608,649</b>                             | <b>9,374,660,296</b>      | <b>107,403,268,945</b> |

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

**RATCH Group Public Company Limited and its subsidiaries**

**Statement of changes in equity**

|  | <b>Separate financial statements</b>   |                      |   |                      |                        |                            |   |                                  |                        |
|--|--|----------------------|---|----------------------|------------------------|----------------------------|---|----------------------------------|------------------------|
|  | Issued and<br>paid-up<br>share capital | Share<br>premium     | Difference<br>arising from<br>common control<br>transaction | Retained earnings    |                        | Other components of equity |   |                                  | Total<br>equity        |
|  |  |                      |   | Legal reserve        | Unappropriated         | Fair value<br>reserve      | Gain (loss) on<br>remeasurements<br>of defined<br>benefit plans | Total<br>components<br>of equity |                        |
|  |  |                      |   | <i>(in Baht)</i>     |                        |                            |   |                                  |                        |
| <b>Year ended 31 December 2021</b>                                 |  |                      |   |                      |                        |                            |   |                                  |                        |
| <b>Balance at 1 January 2021</b>                                   | <b>14,500,000,000</b>                  | <b>1,531,778,000</b> | <b>221,308,748</b>  | <b>1,450,000,000</b> | <b>37,393,869,408</b>  | <b>-</b>                   | <b>(46,194,451)</b>   | <b>(46,194,451)</b>              | <b>55,050,761,705</b>  |
| <b>Transactions with owners, recorded directly in equity</b>       |  |                      |   |                      |                        |                            |   |                                  |                        |
| <i>Distributions to owners of the parent</i>                       |  |                      |   |                      |                        |                            |   |                                  |                        |
| Dividends  | 25                                     | -                    | -   | -                    | (3,480,000,000)        | -                          | -   | -                                | (3,480,000,000)        |
| <b>Total transactions with owners, recorded directly in equity</b> |  | <b>-</b>             | <b>-</b>  | <b>-</b>             | <b>(3,480,000,000)</b> | <b>-</b>                   | <b>-</b>  | <b>-</b>                         | <b>(3,480,000,000)</b> |
| <b>Comprehensive income for the year</b>                           |  |                      |   |                      |                        |                            |   |                                  |                        |
| Profit   |  | -                    | -   | -                    | 3,140,092,357          | -                          | -   | -                                | 3,140,092,357          |
| Other comprehensive income   |  | -                    | -   | -                    | -                      | 211,850,421                | 2,654,724   | 214,505,145                      | 214,505,145            |
| <b>Total comprehensive income for the year</b>                     |  | <b>-</b>             | <b>-</b>  | <b>-</b>             | <b>3,140,092,357</b>   | <b>211,850,421</b>         | <b>2,654,724</b>  | <b>214,505,145</b>               | <b>3,354,597,502</b>   |
| <b>Balance at 31 December 2021</b>                                 | <b>14,500,000,000</b>                  | <b>1,531,778,000</b> | <b>221,308,748</b>  | <b>1,450,000,000</b> | <b>37,053,961,765</b>  | <b>211,850,421</b>         | <b>(43,539,727)</b>   | <b>168,310,694</b>               | <b>54,925,359,207</b>  |

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

**RATCH Group Public Company Limited and its subsidiaries**  
**Statement of changes in equity**

|   | Note | Separate financial statements    |                       |  |                      |                          |                            |   |                                  | Total equity          |
|---|------|----------------------------------|-----------------------|--|----------------------|--------------------------|----------------------------|---|----------------------------------|-----------------------|
|   |      | Issued and paid-up share capital | Share premium         | Difference arising from common control transaction | Retained earnings    |                          | Other components of equity |   |                                  |                       |
|   |      |                                  |                       |  | Legal reserve        | Unappropriated (in Baht) | Fair value reserve         | Loss on remeasurements of defined benefit plans | Total other components of equity |                       |
| <b>Year ended 31 December 2022</b>                                      |      |                                  |                       |  |                      |                          |                            |   |                                  |                       |
| <b>Balance at 1 January 2022</b>  |      | <b>14,500,000,000</b>            | <b>1,531,778,000</b>  | <b>221,308,748</b>                                 | <b>1,450,000,000</b> | <b>37,053,961,765</b>    | <b>211,850,421</b>         | <b>(43,539,727)</b>                             | <b>168,310,694</b>               | <b>54,925,359,207</b> |
| <b>Transactions with owners, recorded directly in equity</b>            |      |                                  |                       |  |                      |                          |                            |   |                                  |                       |
| <i>Contributions by and distributions to owners of the parent</i>       |      |                                  |                       |  |                      |                          |                            |   |                                  |                       |
| Issue of ordinary shares  | 18   | 7,249,999,850                    | 17,747,999,633        | -  | -                    | -                        | -                          | -   | -                                | 24,997,999,483        |
| Dividends   | 25   | -                                | -                     | -  | -                    | (3,697,499,988)          | -                          | -   | -                                | (3,697,499,988)       |
| <b>Total contributions by and distributions to owners of the parent</b> |      | <b>7,249,999,850</b>             | <b>17,747,999,633</b> | <b>-</b>   | <b>-</b>             | <b>(3,697,499,988)</b>   | <b>-</b>                   | <b>-</b>  | <b>-</b>                         | <b>21,300,499,495</b> |
| <b>Total transactions with owners, recorded directly in equity</b>      |      | <b>7,249,999,850</b>             | <b>17,747,999,633</b> | <b>-</b>   | <b>-</b>             | <b>(3,697,499,988)</b>   | <b>-</b>                   | <b>-</b>  | <b>-</b>                         | <b>21,300,499,495</b> |
| <b>Comprehensive income for the year</b>                                |      |                                  |                       |  |                      |                          |                            |   |                                  |                       |
| Profit  |      | -                                | -                     | -  | -                    | 1,903,459,539            | -                          | -   | -                                | 1,903,459,539         |
| Other comprehensive income  |      | -                                | -                     | -  | -                    | -                        | 321,497,322                | -   | 321,497,322                      | 321,497,322           |
| <b>Total comprehensive income for the year</b>                          |      | <b>-</b>                         | <b>-</b>              | <b>-</b>   | <b>-</b>             | <b>1,903,459,539</b>     | <b>321,497,322</b>         | <b>-</b>  | <b>321,497,322</b>               | <b>2,224,956,861</b>  |
| Transfer to Legal Reserve   |      | -                                | -                     | -  | 188,780,000          | (188,780,000)            | -                          | -   | -                                | -                     |
| <b>Balance at 31 December 2022</b>                                      |      | <b>21,749,999,850</b>            | <b>19,279,777,633</b> | <b>221,308,748</b>                                 | <b>1,638,780,000</b> | <b>35,071,141,316</b>    | <b>533,347,743</b>         | <b>(43,539,727)</b>                             | <b>489,808,016</b>               | <b>78,450,815,563</b> |

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

**RATCH Group Public Company Limited and its subsidiaries**
**Statement of cash flows**

|  | Note   | Consolidated           |                      | Separate               |                      |
|--|--------|------------------------|----------------------|------------------------|----------------------|
|  |        | financial statements   |                      | financial statements   |                      |
|  |        | Year ended 31 December |                      | Year ended 31 December |                      |
|  |        | 2022                   | 2021                 | 2022                   | 2021                 |
|  |        |                        | (Restated)           |                        |                      |
|  |        | (in Baht)              |                      |                        |                      |
| <b>Cash flows from operating activities</b>  |        |                        |                      |                        |                      |
| Profit for the year  |        | 5,676,184,901          | 7,822,912,607        | 1,903,459,539          | 3,140,092,357        |
| <i>Adjustments to reconcile profit to cash receipts (payments)</i>                             |        |                        |                      |                        |                      |
| Tax expense (income)   | 22     | 937,344,240            | 177,173,057          | (6,888,458)            | (750,675)            |
| Finance costs  |        | 2,976,667,556          | 1,868,068,721        | 347,775,305            | 268,397,872          |
| Depreciation   | 12, 13 | 2,555,332,921          | 1,809,336,592        | 33,396,136             | 35,435,047           |
| Amortisation   | 14     | 481,316,520            | 340,884,471          | 300,361                | 1,299,152            |
| (Reverse of) impairment losses recognised in profit or loss                                    | 26     | 4,937,353              | (9,783,590)          | 18,183,054             | (35,441)             |
| Impairment losses on assets  |        | -                      | 82,181,446           | -                      | -                    |
| Unrealised gain on foreign exchange  |        | (271,676,596)          | (249,286,070)        | (42,478,545)           | (170,792,923)        |
| (Gain) loss on fair value adjustment of derivatives  |        | 102,457,722            | (143,505,823)        | -                      | -                    |
| (Gain) loss on fair value adjustment of other financial assets                                 | 26     | (3,826,923)            | 6,189,553            | (10,912,360)           | 3,580,381            |
| (Gain) loss on disposal of other financial assets  |        | 1,920,420              | (3,492,979)          | 2,155,596              | 904,741              |
| Fair value adjustment of lease receivable and lease adjustment                                 |        | 125,320,338            | 16,601,706           | -                      | -                    |
| Share of profit of joint ventures and associates accounted for using equity method, net of tax | 9      | (5,391,157,218)        | (5,902,400,599)      | -                      | -                    |
| Loss on allowance for obsolescence of spare parts and supplies devaluation                     | 8      | 50,452,593             | 26,538,833           | -                      | -                    |
| (Reversal of) loss on fuel oil devaluation   | 8      | 2,161,601              | (65,884,276)         | -                      | -                    |
| Loss on disposal of spare parts and supplies   |        | 13,212,983             | -                    | -                      | -                    |
| Gain on bargain purchase   |        | -                      | (227,031,962)        | -                      | -                    |
| (Gain) loss on write-off and disposal of property, plant and equipment                         |        | 6,691,942              | 1,465,705            | (1,837)                | 13                   |
| Dividend income  | 5, 9   | (26,513,791)           | (58,829,567)         | (2,484,409,404)        | (3,529,325,201)      |
| Interest income  |        | (499,612,544)          | (205,354,408)        | (235,467,126)          | (108,542,941)        |
| Gain from change in proportion of investment in joint ventures                                 |        | (661,079,766)          | -                    | -                      | -                    |
| Write-off withholding tax deducted at source and others  |        | 2,425,702              | 4,728,289            | 2,421,138              | 4,727,463            |
|  |        | 6,082,559,954          | 5,290,511,706        | (472,466,601)          | (355,010,155)        |
| <i>Changes in operating assets and liabilities</i>   |        |                        |                      |                        |                      |
| Trade receivable from related parties  |        | (2,568,071,021)        | (3,426,400,345)      | -                      | -                    |
| Trade receivable from other parties  |        | (132,933,771)          | (204,079,368)        | -                      | -                    |
| Other current receivables  |        | 195,481,035            | (309,705,548)        | (1,007,223)            | (1,079,588)          |
| Advances to and other current receivables from related parties                                 |        | (26,867,332)           | 30,653,167           | (9,562,049)            | 23,900,188           |
| Lease receivable   |        | 3,052,728,531          | 2,575,600,533        | -                      | -                    |
| Spare parts and supplies   |        | 227,574,180            | 193,591,713          | -                      | -                    |
| Other current assets and other non-current assets  |        | (324,052,351)          | (65,911,076)         | (510,460)              | 15,866,985           |
| Trade payable and other current payables   |        | 1,680,532,977          | 3,336,179,182        | 45,914,548             | (8,168,276)          |
| Other current liabilities  |        | 180,002,422            | (84,588,048)         | 1,090,474              | 155,132              |
| Non-current provisions for employee benefits   |        | 13,818,931             | 61,256               | 14,234,568             | 4,213,468            |
| Long-term provisions   |        | 17,103,150             | 38,718,499           | -                      | -                    |
| Net cash generated from (used in) operating  |        | 8,397,876,705          | 7,374,631,671        | (422,306,743)          | (320,122,246)        |
| Taxes paid   |        | (893,109,173)          | (221,060,381)        | (12,372,274)           | (14,410,921)         |
| <b>Net cash from (used in) operating activities</b>  |        | <b>7,504,767,532</b>   | <b>7,153,571,290</b> | <b>(434,679,017)</b>   | <b>(334,533,167)</b> |

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

**RATCH Group Public Company Limited and its subsidiaries**  
**Statement of cash flows**

|  | Note   | Consolidated            |                        | Separate                |                        |
|--|--------|-------------------------|------------------------|-------------------------|------------------------|
|  |        | financial statements    |                        | financial statements    |                        |
|  |        | Year ended 31 December  |                        | Year ended 31 December  |                        |
|  | 2022   | 2021                    | 2022                   | 2021                    |                        |
|  |        | (Restated)              |                        |                         |                        |
|  |        | (in Baht)               |                        |                         |                        |
| <b>Cash flows from investing activities</b>  |        |                         |                        |                         |                        |
| Payments for investments in joint ventures   | 9      | (6,034,762,606)         | (971,915,417)          | (720,030,000)           | (467,816,856)          |
| Payments for investments in associates   | 9      | (75,000,000)            | (3,632,590,346)        | (75,000,000)            | (3,212,137,625)        |
| Acquisition of subsidiaries, net of cash acquired  | 4, 10  | (14,759,909,647)        | (2,577,327,115)        | -                       | (3,412,537,502)        |
| Payments for investment in subsidiaries  | 10     | -                       | -                      | (32,690,377,575)        | (1,459,000,000)        |
| Net cash inflow (outflow) in other current financial assets                              |        | (301,799,199)           | 860,981,364            | (2,300,152,153)         | 864,901,534            |
| Net cash outflow in other non-current financial assets                                   |        | -                       | (1,747,705,339)        | -                       | (1,557,705,339)        |
| Proceeds from repayment of short-term loans to related parties                           | 5      | -                       | -                      | 99,500,000              | 92,000,000             |
| Short-term loans to related parties  | 5      | -                       | -                      | (54,500,000)            | (217,000,000)          |
| Long-term loans to related parties   | 5      | (101,199,860)           | (63,353,000)           | (1,013,149,860)         | (878,673,000)          |
| Long-term loan to other party  | 9      | (1,736,180,680)         | -                      | -                       | -                      |
| Proceeds from sale of property, plant and equipment                                      |        | 47,120,158              | 367,211                | 1,860                   | -                      |
| Payment for acquisition of plant and equipment   |        | (2,375,498,089)         | (1,893,530,865)        | (945,207)               | (5,093,295)            |
| Proceeds (payment) for acquisition of intangible assets                                  |        | (10,510,916)            | 392,681                | -                       | -                      |
| Dividends received   |        | 2,810,195,022           | 2,208,834,448          | 2,484,409,404           | 3,529,325,201          |
| Interest received  |        | 318,560,068             | 167,101,100            | 96,461,536              | 64,369,246             |
| <b>Net cash used in investing activities</b>   |        | <b>(22,218,985,749)</b> | <b>(7,648,745,278)</b> | <b>(34,173,781,995)</b> | <b>(6,659,367,636)</b> |
| <b>Cash flows from financing activities</b>  |        |                         |                        |                         |                        |
| Proceeds from short-term loans from financial institutions                               | 16     | 23,194,886,361          | 21,161,590,400         | 6,103,000,000           | 12,829,000,000         |
| Repayment for short-term loans from financial institutions                               | 16     | (20,069,166,010)        | (17,133,534,700)       | (8,639,000,000)         | (10,293,000,000)       |
| Proceeds from long-term loans from financial institutions                                | 16     | 35,155,139,755          | 5,767,013,011          | 16,500,000,000          | 5,000,000,000          |
| Repayment for long-term loans from financial institutions                                | 16     | (13,309,118,633)        | (2,055,422,234)        | -                       | -                      |
| Proceeds from short-term loans from related party  | 5, 16  | -                       | -                      | -                       | 1,750,000,000          |
| Repayment for short-term loans from related party  |        | -                       | -                      | (50,000,000)            | (75,000,000)           |
| Proceeds from long-term loans from related party   |        | 26,958,672              | -                      | -                       | -                      |
| Payment of lease liabilities   | 13, 16 | (187,271,710)           | (159,382,147)          | (17,761,990)            | (18,791,737)           |
| Proceeds from issue of debentures  | 16     | 2,650,000,000           | -                      | -                       | -                      |
| Dividend paid to owners of the Company   |        | (3,697,016,172)         | (3,480,222,463)        | (3,697,016,172)         | (3,480,222,464)        |
| Dividend paid to non-controlling interests   |        | (364,367,624)           | -                      | -                       | -                      |
| Finance costs paid   |        | (3,199,982,482)         | (1,715,470,073)        | (345,113,576)           | (256,968,962)          |
| Repayment of debenture   | 16     | (2,000,000,000)         | -                      | -                       | -                      |
| Proceeds from the issuance of shares   |        | 24,997,999,483          | -                      | 24,997,999,483          | -                      |
| <b>Net cash from financing activities</b>  |        | <b>43,198,061,640</b>   | <b>2,384,571,794</b>   | <b>34,852,107,745</b>   | <b>5,455,016,837</b>   |
| Net increase (decrease) in cash and cash equivalents,<br>before effect of exchange rates |        | 28,483,843,423          | 1,889,397,806          | 243,646,733             | (1,538,883,966)        |
| Effect of exchange rate changes on cash and cash equivalents                             |        | (1,104,163,704)         | 215,507,811            | -                       | -                      |
| <b>Net increase (decrease) in cash and cash equivalents</b>                              |        | <b>27,379,679,719</b>   | <b>2,104,905,617</b>   | <b>243,646,733</b>      | <b>(1,538,883,966)</b> |
| Cash and cash equivalents at 1 January   |        | 6,961,494,467           | 4,856,588,850          | 692,550,892             | 2,231,434,858          |
| <b>Cash and cash equivalents at 31 December</b>  |        | <b>34,341,174,186</b>   | <b>6,961,494,467</b>   | <b>936,197,625</b>      | <b>692,550,892</b>     |

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

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

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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 28 February 2023.

**1 General information**

RATCH Group Public Company Limited, the “Company”, is incorporated in Thailand and was listed on the Stock Exchange of Thailand in October 2000. The Company’s registered office is at 72 Ngamwongwan Road, Bangkok, Nonthaburi, Nonthaburi, Thailand.

The Company’s major shareholder during the financial year was Electricity Generating Authority of Thailand (“EGAT”) (45% shareholding), which was incorporated in Thailand.

The principal businesses of the Company are the investing in companies, whose objectives are to generate and sell electricity, develop power energy project and infrastructure project. Details of the Company’s subsidiaries, associates and joint ventures as at 31 December 2022 and 2021 are given in note 9 and 10.

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

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. The financial statements are presented in Thai Baht, which is the Company’s functional currency. The accounting policies, described in note 3, have been applied consistently to all periods presented in these financial statements.

The Group has adopted the reliefs in accordance with TFRS No. 9 “*Financial Instruments*” and TFRS No. 7 “*Disclosure of Financial Instruments*”, which apply to transactions directly affected by interest rate benchmark reform (IBOR). The Group is currently in the process of preparing to amend contractual terms in order to respond to IBOR reform.

**3 Significant accounting policies**

**(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.

At the acquisition date, the Group measures any non-controlling interest at its proportionate interest in the identifiable net assets of the acquiree. In addition, when there is a change in the Group’s interest in a subsidiary that does 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 from the acquisition of the non-controlling interests with no change in control is accounted for as other surplus/deficit in shareholders’ equity.

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
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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.

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.

If the initial accounting for a business combination is incomplete by the end of the reporting period in which the combination occurs, the Group estimates provisional amounts for the items for which the accounting is incomplete. Those provisional amounts are adjusted during the measurement period, or additional assets or liabilities are recognised, to reflect new information obtained about facts and circumstances that existed at the acquisition date that, if known, would have affected the amounts recognised at that date.

When a business combination is achieved in stages, the Group's previously held equity interest in the acquiree is remeasured to its acquisition-date fair value and the resulting gain or loss, if any, is recognised in profit or loss. Amounts arising from interests in the acquiree prior to the acquisition date that have previously been recognised in other comprehensive income are recognised as would be required if that interest were disposed of.

**RATCH Group Public Company Limited and its subsidiaries**  
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**For the year ended 31 December 2022**

Business combinations 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 moment of the transaction. 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 entities in the Group 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. However, foreign currency differences arising from the translation of the following items are recognised in other comprehensive income:

- an investment in equity securities designated as at FVOCI (except on impairment, in which case foreign currency differences that have been recognised in other comprehensive income are reclassified to profit or loss); and
- qualifying cash flow hedges to the extent the hedge is effective.

***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 operation 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 extent that the translation difference is allocated to non-controlling interest.

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. If the Group disposes of part of its interest in a subsidiary but retains control, then the relevant proportion of the cumulative amount is reattributed to non-controlling interests. When the Group disposes of only part of an associate or joint venture while retaining significant influence or joint control, the relevant proportion of the cumulative amount is reclassified to profit or loss.

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
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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*

Financial assets and financial liabilities (except trade accounts receivables) are initially recognised when the Group becomes a party to the contractual provisions of the instrument, and measured at fair value plus or minus, for an item not at fair value through profit or loss (FVTPL), transaction costs that are directly attributable to its acquisition or issue.

On initial recognition, a financial asset is classified as measured at: amortised cost; fair value through other comprehensive income (FVOCI); or 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.

Debt investments measured at FVOCI are subsequently measured at fair value. Interest income calculated using the effective interest method, foreign exchange gains and losses and expected credit loss are recognised in profit or loss. Other net gains and losses are recognised in OCI. On derecognition, gains and losses accumulated in OCI are reclassified to profit or loss.

Equity investments measured at FVOCI are subsequently measured at fair value. Dividend income is recognised as income in profit or loss on the date on which the Group's right to receive payment is established, unless the dividend clearly represents a recovery of part of the cost of the investment. Other net gains and losses are recognised in OCI and are never reclassified to 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.

**RATCH Group Public Company Limited and its subsidiaries**  
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*Interest rate benchmark reform*

When the basis of determining the contractual cash flows of a financial asset or financial liability measured at amortised cost changed as a result of interest rate benchmark reform (IBOR reform), the Group first updated the effective interest rate of the financial asset or financial liability to reflect the change that is required by IBOR reform. If there were any other additional changes, the Group applied the policies on accounting for modifications to those changes.

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.

*(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, except where the derivatives qualify for cash flow hedge accounting or hedges of net investment in a foreign operation, in which case recognition of any resultant gain or loss depends on the nature of the item being hedged.

*(d.4) Energy derivatives*

Energy derivatives are recognised at fair value which determined as the present value of future contracted cash flows. The future cash flows are discounted using standard valuation techniques at applicable market yield having regard to timing of cash flows. The effective portion of changes in the fair value of the energy derivatives is recognised in OCI. Any ineffective portion of changes in the fair value of the energy derivatives is recognised immediately in profit or loss.

*(d.5) Hedging*

At inception of designated hedging relationships, the Group documents the risk management objective and strategy for undertaking the risk, the economic relationship between the hedged item and the hedging instrument, including consideration of the hedge effectiveness at the inception of the hedging relationship and throughout the remaining period to determine the existence of economic relationship between the hedged item and the hedging instrument.

*Cash flow hedges*

When a derivative is designated as a cash flow hedging instrument, the effective portion of changes in the fair value of the derivative is recognised in OCI and accumulated in the hedging reserve. Any ineffective portion of changes in the fair value of the derivative is recognised immediately in profit or loss.

The Group designates only the change in fair value of the spot element of forward exchange contracts as the hedging instrument in cash flow hedging relationships. The change in fair value of the forward element of forward exchange contracts (forward points) is recognised in a cash flow hedging reserve within equity.

When the hedged forecast transaction subsequently results in the recognition of a non-financial item such as inventory, the amount accumulated in the cash flow hedging reserve is included directly in the initial cost of the non-financial item when it is recognised.

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For all other hedged forecast transactions, the amount accumulated in the cash flow hedging reserve is reclassified to profit or loss in the same period or periods during which the hedged expected future cash flows affect profit or loss.

If the hedge no longer meets the criteria for hedge accounting or the hedging instrument is sold, expires, is terminated or is exercised, then hedge accounting is discontinued prospectively. When hedge accounting for cash flow hedges is discontinued, the amount that has been accumulated in the cash flow hedging reserve remains in equity until, for a hedge of a transaction resulting in the recognition of a non-financial item, it is included in the non-financial item's cost on its initial recognition or, for other cash flow hedges, it is reclassified to profit or loss in the same period or periods as the hedged expected future cash flows affect profit or loss.

If the hedged future cash flows are no longer expected to occur, then the amounts that have been accumulated in the cash flow hedging reserve are immediately reclassified to profit or loss.

*(d.6) Impairment of financial assets other than trade accounts receivables*

The Group recognises allowances for expected credit losses (ECLs) on financial assets measured at amortised cost, debt investments measured at FVOCI, lease receivables, and loan commitments issued which are not measured at FVTPL.

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 takes action such as realising security (if any is held); or
- the financial asset is over the payment specified in the contract

*(d.7) 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.

*(e) Cash and cash equivalents*

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

**RATCH Group Public Company Limited and its subsidiaries**  
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**For the year ended 31 December 2022**

**(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.

The Group estimates lifetime expected credit losses (ECLs), using a provision matrix to find the ECLs rates. 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) Spare parts and supplies**

Spare parts and supplies are measured at the lower of cost and net realisable value. Spare parts comprise fuel oil and supplies which are used for specific equipment in the power plant. Cost is calculated using the moving average cost principle and comprises all costs of purchase and other costs incurred in bringing the spare parts and supplies to their present location and condition. 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.

The allowance for obsolescence of spare parts is calculated from the balances of spare parts at the end of year on a straight-line basis to write-down the spare parts over the remaining useful lives of power plants.

**(h) 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 the cost of materials and direct labour, any other costs directly attributable to bringing the assets to a working condition for their intended use, the costs of dismantling and removing the items and restoring the site on which they are located, and capitalised borrowing costs. Purchased software that is integral to the functionality of the related equipment is capitalised as part of that equipment.

When parts of an item of property, plant and equipment have different useful lives, they are accounted for as separate items (major components) of property, plant and equipment.

Any gains and losses on disposal of item of property, plant and equipment are determined by comparing the proceeds from disposal with the carrying amount of property, plant and equipment, and 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 if it is probable that 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.

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*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:

|   |         |       |
|---|---------|-------|
| Buildings and other constructions                 | 20 - 42 | years |
| Building improvements                             | 3 - 6   | years |
| Power plants, substation and transmission systems | 4 - 45  | years |
| Operating and maintenance equipment               | 3 - 15  | years |
| Furniture, fixtures and office equipment          | 3 - 15  | years |
| Vehicles  | 5       | years |

**(i) 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.

**(j) Project development expenditure**

Project development expenditure is recognised in profit or loss as incurred. Project development expenditure is capitalised only if development costs can be measured reliably, the product or process is technically and commercially feasible, future economic benefits are probable, and the Group intends to use or sell the asset. The expenditure capitalised includes borrowing costs. Other development expenditure is recognised in profit or loss as incurred.

Capitalised development expenditure is measured at cost less impairment losses. Capitalised development expenditure will be amortised when it is available for use in the manner intended.

**(k) Other Intangible assets**

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 - 10 | years |
| Licenses on project development    | 25     | years |
| Right to power purchase agreements | 9 - 30 | years |
| Right to use transmission systems  | 6 - 30 | years |

**(l) 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 that contains a lease component and the leases of property the Group has elected not to separate non-lease components and account for the lease and non-lease components as a single lease component.

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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 are recognised as expenses on a straight-line basis over the respective lease terms.

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 prepaid lease payment, plus any initial direct costs incurred. 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 cost of the right-of-use asset reflects that 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. 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.

*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.

The Group recognises finance lease receivables at the amount of the Group's net investment in the lease, which comprises the present value of the lease payments and any unguaranteed residual value, discounted using the interest rate implicit in the lease. Finance lease income is allocated to accounting periods so as to reflect 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 as rental income 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 rental income in the accounting period in which they are earned.

The Group derecognises and determines impairment on the lease receivables as disclosed in note 3(d)

**(m) 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.

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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, unless it reverses a previous revaluation credited to equity, in which case it is charged to equity.

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.

An impairment loss of asset recognised in prior periods is reversed if there has been a change in the estimates used to determine the recoverable amount. 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.

**(n) 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.

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.

**(o) 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 finance cost.

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**(p) 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.

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.

**(q) Revenue**

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 and is after deduction of any trade discounts.

*Revenue from sales of electricity*

Revenue from sales of electricity comprises of revenue from energy payment and revenue from availability payment in terms of operating costs.

Revenue from availability payment in terms of operating costs is a revenue that reflects the fixed operation and maintenance expenses (“Fixed O&M”), maintenance parts expenses and administrative expenses. The availability payment rate is fixed at an amount per Kilowatt based on the availability hours of each year throughout the period of the Power Purchase Agreement. Each Power Purchase Agreement of the Group has different terms and conditions for receiving the revenue from availability payment in terms of operating costs.

The Group recognise revenue from availability payment in terms of operating costs by varying the Contracted Available Hours (CAH) in a year and the Base Availability Credit (BAC).

*Revenue from rendering of services*

Revenue from rendering of services is recognised over time as the services are provided. The related costs are recognised in profit or loss when they are incurred.

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*Revenue from lease contracts*

Revenue from lease contracts is recognised in profit or loss by using the effective interest rate method over the period of the power purchase agreements.

**(r) 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 it relates to a business combination, or items recognised directly in equity or in other comprehensive income.

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.

**(s) Earnings per share**

Basic earnings per share 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 year.

**4 Business acquisition**

*Acquiring shares to invest in Nexif Energy Holding B.V. (“NEHBV”)*

On 20 December 2022, RH International (Singapore) Corporation Pte. Ltd. (“RHIS”), an indirect subsidiary of the Company, acquired shares in Nexif Energy Holding B.V. (“NEHBV”) which hold the asset of renewable energy power plants, gas turbine power plant, combined cycle power plant and battery energy storage system in Thailand, the Commonwealth of Australia and the Socialist Republic of Vietnam in proportion of investment of 100% amounting to US Dollars 480.78 million or equivalent to Baht 16,617 million.

According to the above acquisition, the Group has engaged an independent appraiser to determine the fair values of net assets and liabilities acquired. As at 31 December 2022, the determination of the fair values has not been completed. Therefore, the Group has recorded at provisional amounts in consolidated statement of financial position as at 31 December 2022. The fair value of assets acquired and liabilities assumed may be adjusted when the appraiser's report is completed.

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The Group has continuously reviewed fair values of the business acquired within one year from the acquisition date, taking into accounts additional information, facts as well as circumstances that existed at the acquisition date. Consequently, the adjustments on accounting transaction of such acquisition will be made.

Assets acquired and liabilities assumed at the acquisition date:

|  | <b>Fair value</b><br><i>(in thousand Baht)</i> |
|--|--|
| Cash and cash equivalents  | 1,902,217                                      |
| Trade and other receivables  | 443,726  |
| Inventories  | 344,176  |
| Property, plant and equipment  | 17,470,356                                     |
| Intangible assets  | 3,064,021                                      |
| Other assets   | 2,267,259                                      |
| Trade and other payables   | (776,901)                                      |
| Loans  | (11,377,931)                                   |
| Lease liabilities  | (1,710,978)                                    |
| Deferred tax liabilities   | (560,564)                                      |
| Other liabilities  | (1,902,151)                                    |
| <b>Total identifiable net assets</b>                                   | <b>9,163,230</b>                               |
| <i>Less</i> Non-controlling interests                                  | <i>(530,435)</i>                               |
| <b>Total identifiable net assets received</b>                          | <b>8,632,795</b>                               |
| Fair value of an existing interest in NRES before business combination | (1,781,410)                                    |
| Goodwill arising from the acquisition                                  | 9,765,364                                      |
| <b>Purchase consideration transferred</b>                              | <b>16,616,749</b>                              |
| Net cash acquired  | (1,902,217)                                    |
| <b>Net cash outflows</b>   | <b>14,714,532</b>                              |

The Group incurred acquisition-related costs of Baht 369 million which have been included in administrative expenses in the statement of comprehensive income.

If the acquisition had occurred on 1 January 2022, management estimates that consolidated revenue would have increased by Baht 3,564 million and operating profit for the year would have increased by Baht 719 million. However, power purchase arrangements of a subsidiary in Australia result in containing the derivative components and shall be measured at fair value. As at 31 December 2022, there was loss on fair value adjustment of derivatives amounting to Baht 2,781 million. The management currently in the process to assess the value of the derivative assets or liabilities. This process takes time to collect information and consider an appropriate valuation model to apply.

According to the Group acquiring 100% shares of NEHBV, which holds the varies of asset class. In part, resulting to the Group was able to invest in Nexif RATCH Energy Singapore Pte. Ltd. (“NRES”), the existing joint venture, such joint venture increased by 51% and combined with the Company’s existing 49%, resulting to the Group hold 100% of shares of NRES. As a result, NRES had changed to be a subsidiary of the Group. Therefore, the Group had to recognise of the value of the interests in NRES before the acquisition of the ordinary shares at fair value at the purchased date and recognized such differences in the statement of comprehensive income as follows:

|   | <i>(in thousand Baht)</i> |
|---|---------------------------|
| Fair value of equity interests in NRES of the Company prior to acquisition                            | 1,781,410                 |
| <i>Less</i> Carrying value of NRES accounted for equity method in the Company at the acquisition date | <i>(1,130,418)</i>        |
| <i>Add</i> Amount arising from interests recognized in other comprehensive income                     | <i>10,087</i>             |
| <b>Difference from changes in fair value of investment in a joint venture</b>                         | <b>661,079</b>            |

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***Acquiring to invest in Nexif Ratch Energy Investments Pte. Ltd. (“NREI”)***

In addition, on 20 December 2022, RHIS, an indirect subsidiary of the Company, acquired shares in NXF Holdings 2 Limited (“NXF2”) and restructured by establishing Nexif Ratch Energy Investments Pte. Ltd. (“NREI”) with Nexif Energy Invest Pte. Ltd. (“Nexif Energy”). RHIS hold 49% shares of NREI for investing in renewable energy power plants project in the Socialist Republic of Vietnam and the Public of the Philippines and seeking new projects in Southeast Asia and Australia.

The above acquisition has a total investment value of US Dollars 135.88 million or equivalent to Baht 4,696 million and loans to Nexif Energy amounting to US Dollars 49.90 million or equivalent to Baht 1,725 million.

The management appointed an independent appraiser to determine the fair value of business. As at 31 December 2022, the fair value appraisal has not been completed, details as follows:

|  | <b>Fair value</b><br><i>(in thousand Baht)</i> |
|--|--|
| Cash and cash equivalents                        | 1,601,048                                      |
| Trade receivable and other current assets        | 335,138  |
| Property, plant and equipment                    | 1,941,546                                      |
| Intangible assets                                | 3,772,937                                      |
| Other assets                                     | 1,483,779                                      |
| Trade and other payables                         | (363,543)                                      |
| Loans and lease liabilities                      | (937,852)                                      |
| Deferred tax liabilities                         | (315,069)                                      |
| Non-controlling interest                         | (250,820)                                      |
| <b>Total identifiable net assets</b>             | <b>7,267,164</b>                               |
| Interest acquired (%)                            | 49   |
|  | <b>3,560,910</b>                               |
| Excess of purchase consideration over fair value | 1,135,482                                      |
| <b>Purchase consideration transferred</b>        | <b>4,696,392</b>                               |

**5 Related parties**

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

Relationships with parent, subsidiaries, associates and joint ventures are described in notes 9 and 10. Other related parties which the Group had significant transactions with during the year were as follows:

| <b>Name of entities</b>                          | <b>Country of incorporation/<br/>nationality</b> | <b>Nature of relationships</b>   |
|--|--|--|
| Electricity Generating Authority of Thailand     | Thailand   | Major shareholder, some common directors   |
| EGAT International Co., Ltd.                     | Thailand   | 99.99% shareholding by Electricity Generating Authority of Thailand, some common directors |
| RH International (Mauritius) Corporation Limited | Mauritius  | Indirect subsidiary, 100% shareholding by a direct subsidiary                              |

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| <b>Name of entities</b>                                    | <b>Country of incorporation/<br/>nationality</b> | <b>Nature of relationships</b>   |
|--|--|--|
| RH International (Singapore) Corporation Pte. Ltd.         | Singapore  | Indirect subsidiary, 100% shareholding by an indirect subsidiary   |
| Fareast Renewable Development Pte. Ltd.                    | Singapore  | Indirect subsidiary, 90% shareholding by an indirect subsidiary  |
| RATCH-Australia Corporation Pty. Ltd. and its subsidiaries | Australia  | Indirect subsidiary, 100% shareholding by an indirect subsidiary, some common directors  |
| Nexif Energy Holding B.V. and its subsidiaries             | Netherlands                                      | Indirect subsidiary, 100% shareholding by an indirect subsidiary   |
| RATCH China Power Limited (In process of liquidation)      | Hong Kong  | Indirect subsidiary, 100% shareholding by an indirect subsidiary   |
| RE Solar 1 Company Limited                                 | Thailand   | Indirect subsidiary, 99.99% shareholding by a direct subsidiary  |
| Nexif Ratch Energy Rayong Company Limited                  | Thailand   | Indirect subsidiary, 99.99% shareholding by an indirect subsidiary   |
| Nam Ngum 2 Power Company Limited                           | Lao PDR  | Subsidiary of a direct joint venture, 75% shareholding by a direct joint venture   |
| Ecwin Energy Corporation                                   | Vietnam  | Subsidiary of an indirect joint venture, 80% shareholding by an indirect joint venture   |
| EGAT Diamond service Company Limited                       | Thai   | Other related party, 10% shareholding  |
| Key management personnel                                   | Thai   | Persons having authority and responsibility for planning, directing, and controlling the activities of the entity, directly or indirectly, including any director (whether executive or otherwise) of the Group. |

| <b>Significant transactions with related parties</b><br><b>Year ended 31 December</b> | <b>Consolidated</b><br><b>financial statements</b> |            | <b>Separate</b><br><b>financial statements</b> |       |
|---|--|------------|--|-------|
|   | 2022   | 2021       | 2022   | 2021  |
|   | <i>(in thousand Baht)</i>                          |            |  |       |
| <b>Major shareholder</b>  |  |            |  |       |
| Revenue from sales of electricity   | 63,688,441   | 31,015,433 | -  | -     |
| Operation and maintenance service income  | 72,016   | 67,182     | -  | -     |
| Revenue from lease contracts  | 1,536,339  | 1,953,582  | -  | -     |
| Other income  | 4,726  | 7,089      | 4,726  | 7,089 |
| Purchase of fuel oil  | -  | 459,845    | -  | -     |
| Purchase of electricity   | 200,193  | 207,530    | -  | -     |
| Operation and maintenance service fee   | 1,271,186  | 1,205,295  | -  | -     |
| Management service of fuel  | 2,177  | 2,173      | -  | -     |
| Other service fees  | 6,735  | 2,724      | 4,051  | 1,399 |



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| <i>Balances with related parties</i><br><i>At 31 December</i> | <b>Consolidated</b><br><b>financial statements</b> |                | <b>Separate</b><br><b>financial statements</b> |                  |
|---|--|----------------|--|------------------|
|   | 2022   | 2021           | 2022   | 2021             |
|   | <i>(in thousand Baht)</i>                          |                |  |                  |
| <b>Short-term loans to</b>                                    |  |                |  |                  |
| Subsidiaries  | -  | -              | 144,269  | 186,273          |
|   | -  | -              | <b>144,269</b>                                 | <b>186,273</b>   |
| Less allowance for expected credit loss                       | -  | -              | (627)  | (656)            |
| <b>Net</b>  | <b>-</b>   | <b>-</b>       | <b>143,642</b>                                 | <b>185,617</b>   |
| <b>Other non-current receivables</b>                          |  |                |  |                  |
| Subsidiaries  | -  | -              | 93,760   | 18,059           |
| Associates  | 2,413  | 154            | 2,413  | 154              |
| Joint ventures  | 115,695  | 74,005         | 115,695  | 74,005           |
| <b>Total</b>  | <b>118,108</b>                                     | <b>74,159</b>  | <b>211,868</b>                                 | <b>92,218</b>    |
| <b>Long-term loans to</b>                                     |  |                |  |                  |
| Subsidiaries  | -  | -              | 3,141,604                                      | 2,192,448        |
| Associates  | 81,921   | 32,253         | 81,921   | 32,253           |
| Joint ventures  | 700,863  | 631,142        | 700,863  | 631,142          |
|   | <b>782,784</b>                                     | <b>663,395</b> | <b>3,924,388</b>                               | <b>2,855,843</b> |
| Less allowance for expected credit loss                       | (12,150)   | (7,231)        | (69,939)                                       | (51,745)         |
| <b>Net</b>  | <b>770,634</b>                                     | <b>656,164</b> | <b>3,854,449</b>                               | <b>2,804,098</b> |

| <i>Receivable under</i><br><i>lease contracts</i> | <b>Consolidated financial statements</b> |                  |                               |                  |                  |                   |
|---|--|------------------|-------------------------------|------------------|------------------|-------------------|
|   | Portion due<br>within one year           |                  | Portion due<br>after one year |                  | Total            |                   |
|   | 2022                                     | 2021             | 2022                          | 2021             | 2022             | 2021              |
|   | <i>(in thousand Baht)</i>                |                  |                               |                  |                  |                   |
| <b>Major shareholder</b>                          |  |                  |                               |                  |                  |                   |
| Receivables under<br>lease contracts              | 2,832,826                                | 4,297,206        | 7,891,863                     | 10,724,690       | 10,724,689       | 15,021,896        |
| Less unearned interest<br>income                  | (1,121,903)                              | (1,488,791)      | (1,847,478)                   | (2,969,382)      | (2,969,381)      | (4,458,173)       |
|   | <b>1,710,923</b>                         | <b>2,808,415</b> | <b>6,044,385</b>              | <b>7,755,308</b> | <b>7,755,308</b> | <b>10,563,723</b> |
| Less allowance for<br>expected credit loss        | -  | -                | (1,644)                       | (1,644)          | (1,644)          | (1,644)           |
| <b>Receivable under<br/>lease contracts-net</b>   | <b>1,710,923</b>                         | <b>2,808,415</b> | <b>6,042,741</b>              | <b>7,753,664</b> | <b>7,753,664</b> | <b>10,562,079</b> |

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The gross receivable and interest under lease contracts as at 31 December were as follows:

|   | <b>Consolidated financial statements</b>                    |   |   |  |
|---|---|---|---|--|
|   | Receivable and<br>interest under<br>lease contracts<br>2022 | Receivable<br>under lease<br>contracts - net<br><i>(in thousand Baht)</i> | Receivable and<br>interest under<br>lease contracts<br>2021 | Receivable<br>under lease<br>contracts - net |
| Portion due within one year                         | 2,832,826   | 1,710,923   | 4,297,206   | 2,808,415                                    |
| Portion due after one year<br>but within five years | 7,891,863   | 6,044,385   | 9,670,979   | 6,766,962                                    |
| Portion due after five years                        | -   | -   | 1,053,711   | 988,346                                      |
|   | <b>10,724,689</b>   | <b>7,755,308</b>  | <b>15,021,896</b>   | <b>10,563,723</b>                            |
| <i>Less</i> unearned interest income                | (2,969,381)   | -   | (4,458,173)   | -  |
| <i>Less</i> allowance for expected<br>credit loss   | (1,644)   | (1,644)   | (1,644)   | (1,644)                                      |
| <b>Receivable under<br/>lease contracts-net</b>     | <b>7,753,664</b>  | <b>7,753,664</b>  | <b>10,562,079</b>   | <b>10,562,079</b>                            |

|  | <b>Consolidated<br/>financial statements</b> |         | <b>Separate<br/>financial statements</b> |       |
|--|--|---------|--|-------|
|  | 2022   | 2021    | 2022                                     | 2021  |
| <i>(Reversal of) Expected credit losses<br/>Year ended 31 December</i> | <i>(in thousand Baht)</i>                    |         |  |       |
| Short-term loans to  | -  | -       | (29)                                     | 324   |
| Long-term loans to   | 4,919  | (9,003) | 18,194                                   | (347) |
| Receivable under lease contracts                                       | -  | (196)   | -  | -     |

|   | <b>Consolidated<br/>financial statements</b> |               | <b>Separate<br/>financial statements</b> |                  |
|---|--|---------------|--|------------------|
|   | 2022   | 2021          | 2022                                     | 2021             |
| <i>Balances with related parties<br/>At 31 December</i> | <i>(in thousand Baht)</i>                    |               |  |                  |
| <i>Short term loan from<br/>Subsidiary</i>              | -  | -             | <b>5,090,000</b>                         | <b>5,140,000</b> |
| <i>Trade payable</i>                                    |  |               |  |                  |
| Major shareholder                                       | 4,383  | -             | -  | -                |
| Joint ventures  | 28   | -             | -  | -                |
| <i>Other current payable</i>                            |  |               |  |                  |
| Major shareholder                                       | 117,255                                      | 78,175        | 540                                      | -                |
| Subsidiaries  | -  | -             | 18,794                                   | 12,993           |
| Joint ventures  | 16,776                                       | 16,570        | 15,258                                   | 15,052           |
| Other related parties                                   | -  | 2,042         | -  | 2,042            |
| <b>Total</b>  | <b>134,031</b>                               | <b>96,787</b> | <b>34,592</b>                            | <b>30,087</b>    |
| <i>Other non-current payables</i>                       |  |               |  |                  |
| Joint venture   | -  | <b>4,235</b>  | -  | <b>4,235</b>     |

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

*Significant agreements with related parties*

*Loans to related parties*

As at 31 December 2022, the Company had loans to RATCH Cogeneration Company Limited, a direct subsidiary, of short-term loans outstanding balance amounting to Baht 144.27 million with interest 3-Month floating rate plus a fixed margin and will be due within one year. The long-term loan of existing agreement outstanding balance amounting to Baht 136.13 million and the long-term Intercompany Loan Agreement for the Project expansion amounting to Baht 1,727.27 million with interest at the fixed rate of 4.50% and 3.34% per annum, respectively. The principal and interest will be due as stipulated in the agreement. The Company has no intention to recall the loans from the subsidiary within one year. Therefore, the Company classified the balance of the loan as long-term loan.

As at 31 December 2022, the Company had outstanding balance of loans to RATCH-Lao Services Company Limited, a direct subsidiary, under the existing loan agreement, amounting to US Dollars 32.60 million or equivalent to Baht 1,118.00 million with interest at the fixed rate of 3.65% per annum and under the new loan agreement, amounting to Baht 160.20 million with interest at the fixed rate of 4.50% per annum. The principal and interest will be due as stipulated in the agreement. The Company has no intention to recall the loans from the subsidiary within one year. Therefore, the Company classified the balance of the loans as long-term loans.

As at 31 December 2022, the Company had outstanding balance of loans to Xe-Pian Xe-Namnoy Power Company Limited, a direct joint venture, amounting to US Dollars 1.32 million or equivalent to Baht 45.27 million with interest at the rate of 3-Month London Interbank Offered Rate (LIBOR), plus fixed margin per annum. The loan agreement determined the repayment term of principal and interest within 27 years commencing from the joint venture made the first drawdown of loans from financial institutions on 5 February 2014. The Company had outstanding balance of loans for the purpose of covering additional expenditure of the Xe-Pian Xe-Namnoy Hydroelectric Power Project amounting to US Dollars 16.78 million or equivalent to Baht 575.43 million with interest at the rate of 3-Month London Interbank Offered Rate (LIBOR), plus fixed margin per annum. The principal and interest will be due as stipulated in the agreement.

As at 31 December 2022, the Company had outstanding balance of loans to Smart Infranet Company Limited, a direct joint venture, amounting to Baht 25.50 million with interest at the fixed rate of 5.30% per annum. The principal and interest will be due as stipulated in the agreement. The Company has no intention to recall the loans from the joint venture within one year. Therefore, the Company classified the balance of the loan as long-term loan.

As at 31 December 2022, the Company had outstanding balance of loans to Things on Net Company Limited, a direct joint venture, amounting to Baht 23.80 million with interest at the fixed rate of 5.30% per annum. The principal and interest will be due as stipulated in the agreement. The Company has no intention to recall the loans from the joint venture within one year. Therefore, the Company classified the balance of the loan as long-term loan.

As at 31 December 2022, the Company had outstanding balance of loans to Northern Bangkok Monorail Company Limited, a direct associate, amounting to Baht 81.92 million with interest at the fixed rate of 5.00% per annum. The principal and interest will be due as stipulated in the agreement. The Company has no intention to recall the loans from the associate within one year. Therefore, the Company classified the balance of the loan as long-term loan.

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

As at 31 December 2022, the Company had outstanding balance of loans to Sekong Investment Advisory Co., Ltd., a direct joint venture, amounting to US Dollars 0.90 million or equivalent to Baht 30.87 million with interest at the rate of 6-Month London Interbank Offered Rate (LIBOR), plus fixed margin per annum. The principal and interest will be due as stipulated in the agreement.

***Short term loans from related parties***

As at 31 December 2022, the Company had outstanding balance of loans from Ratchaburi Electricity Generating Company Limited, a direct subsidiary, amounting to Baht 5,090 million which bear interest at the fixed rate of 1.28% - 1.70% per annum and will be due within one year.

***Power Purchase Agreements***

On 9 October 2000, Ratchaburi Electricity Generating Company Limited, a direct subsidiary, entered into a Power Purchase Agreement with EGAT for a period of 25 years, whereby such subsidiary will deliver net electricity generation from Thermal power plants unit 1 and 2 and Combined Cycle power plants block 1, 2 and 3 to EGAT under the conditions of the Power Purchase Agreement. Such subsidiary will receive revenue from EGAT, which are comprised of energy payment (EP) and availability payment (AP). An energy payment (EP) covers production costs which are comprised of fuel costs and variable costs of operation and maintenance. Such costs will be adjusted in accordance with fuel price, Energy Efficiency Ratio and Consumer Price Index. An availability payment (AP) covers the repayment of principal and interest of loans, return on shareholders' equity, fixed operation and maintenance expenses, maintenance parts expenses and administrative expenses. Such costs will be adjusted to cover the changes of interest rates, Consumer Price Index and exchange rates.

On 3 December 2009, RATCH Cogeneration Company Limited, a direct subsidiary, entered into a Power Purchase Agreement for RATCH Cogeneration Power Project located in Pathum Thani province with EGAT. The agreement is effective from the execution date until the 25-year from the commercial operation date. The project is a combined-cycle power plant project with total contracted capacity of 110 Megawatts which started its commercial operation in 2013.

On 12 July 2019, Hin Kong Power Company Limited, a direct joint venture, entered into a Power Purchase Agreement for Hin Kong Power Project located in Ratchaburi province with EGAT. The agreement is effective from the execution date until the 25-year from the commercial operation date. The project is a combined-cycle power plant project with total contracted capacity of 1,400 Megawatts which is scheduled for commercial operation in 2024 and 2025.

Sahacogen (Chonburi) Public Company Limited, a direct subsidiary, entered into a Power Purchase Agreement with EGAT to sell electricity in a specified quantity and at a stipulated price as defined in the agreement. The agreement period is 25 years and will expire in April 2024.

On 26 November 2021, the subsidiary entered into a Power Purchase Agreement with EGAT for a period of 25 years as from the scheduled commercial operation date ("SCOD"). The SCOD specified in the agreement will be 19 April 2024 and the agreement will end in April 2049. This Power Purchase Agreement obliged the subsidiary to construct new cogeneration power plant which has a maximum capacity of 73 megawatts for electricity and 75 tons per hour for steam.

***Operation and Maintenance Agreement***

On 7 January 2009, Ratchaburi Electricity Generating Company Limited, a direct subsidiary, entered into an Operation and Maintenance Agreement with EGAT. The agreement is effective from 1 January 2009 until the termination dates of the Power Purchase Agreement for Thermal power plants and Combined Cycle power plants. EGAT will operate and provide routine maintenance services including major overhaul to such subsidiary. The initial value of the agreement is approximately Baht 16,608.16 million, which will be adjusted by the annual Consumer Price Index.

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

On 27 May 2020, RATCH-Lao Services Company Limited, a direct subsidiary, entered into a Personnel Providing Service for Operation and Maintenance Agreement with EGAT, whereby such subsidiary will recruit and provide qualified personnel according to the number and qualifications specified in the agreement for operation and maintenance of Nam Ngiep 1 Hydropower Plant located in Lao PDR, for a period of 58 months. The agreement is effective from May 2020 to February 2025. The total value of the agreement is Baht 36.67 million.

On 28 October 2020, RATCH-Lao Services Company Limited, a direct subsidiary, entered into an Operation and Maintenance Services Agreement for Hongsa Mine Mouth Power Project in Lao PDR with EGAT to operate and maintenance for Hongsa Power Project for a period of 36 months from November 2020 onwards. The total value of the agreement is Baht 168.11 million.

***Fuel Management Service Agreement***

On 1 July 2012, Ratchaburi Electricity Generating Company Limited, a direct subsidiary, entered into a Fuel Management Service Agreement with EGAT, whereby EGAT will coordinate the supply and delivery of fuel oil, according to the demand of such subsidiary and align with EGAT's power dispatching plan. The agreement is effective from 1 July 2012 until 30 June 2013. The service fee is stipulated in the agreement. The agreement is automatically extended for a period of 1 year unless written notice.

***Land Lease Agreement and Common Facility Agreement***

On 7 June 2004 and 21 October 2005, Ratchaburi Electricity Generating Company Limited, a direct subsidiary, entered into a Land Lease Agreement for an area of 145 rai with Ratchaburi Power Company Limited, an indirect joint venture. The land is located in the Ratchaburi Power Plant area. The rental period is 25 years and 3 months commencing from the commercial operation date of Ratchaburi Power Company Limited.

On 25 November 2005, Ratchaburi Electricity Generating Company Limited, a direct subsidiary, entered into a Common Facility Agreement with Ratchaburi Power Company Limited, an indirect joint venture, whereby such subsidiary will provide certain facilities, services, right to use and access rights to utilities relating to construction and operation to Ratchaburi Power Company Limited as stipulated in the agreement. This agreement is effective from the signing date in the agreement until the termination date of the Land Lease Agreement dated on 7 June 2004.

On 23 August 2019, Ratchaburi Electricity Generating Company Limited, a direct subsidiary, entered into land lease agreement 175 rai with Hin Kong Power Company Limited, a direct joint venture, for a period of 29 years which effective from 1 January 2021 onwards.

On 30 June 2021, Ratchaburi Electricity Generating Company Limited, a direct subsidiary, entered into land lease agreement 8 rai with Hin Kong Power Company Limited, a direct joint venture, for a period of 28 years and 6 months which effective from 1 July 2021 onwards.

***Management Service Agreement***

On 27 February 2004, the Company entered into a Management Service Agreement with Ratchaburi Power Company Limited, an indirect joint venture, whereby the Company will receive management service fee amounting to US Dollars 2.50 million per annum for a period of 25 years and 3 months commencing from the commercial operation date of the Power Plant Unit 1 of Ratchaburi Power Company Limited. The total value of the agreement is US Dollars 63.12 million.

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

On 24 February 2021, the Company entered into a Management Service Agreement with Hin Kong Power Company Limited, a direct joint venture, whereby the Company will receive management service fee amounting to Baht 36 million per year and will increase annually as stipulated in the agreement. The agreement is automatically extended for a period of 1 year unless written notice.

***Agreement in relation to investment in Chubu Ratchaburi Electric Services Company Limited***

On 29 September 2005, the Company and Chubu Electric Power (Thailand) Company Limited entered into a Shareholders Agreement to set up Chubu Ratchaburi Electric Services Company Limited, a direct joint venture. Under the terms of the shareholders agreement, if Chubu Ratchaburi Electric Services Company Limited requires additional funding exceeding its authorised share capital, the Company agreed to provide financial support in the form of shareholders' loans or other shareholders' guarantees in proportion of investment of 50%. The agreement does not specify the amount of financial support. As at 31 December 2022, the Company has not provided any loans or guarantees under the agreement

***Sponsor Support Agreement with Northern Bangkok Monorail Company and Eastern Bangkok Monorail Company Limited***

On 11 October 2017, the Company entered into a Sponsor Support Agreement with Northern Bangkok Monorail Company Limited and Eastern Bangkok Monorail Company Limited, direct associates. The Company agreed to provide financial support in the form of shareholders' loans or other shareholders' guarantees in proportion of investment of 10% with credit limit and conditions as specified in the agreement. As at 31 December 2022, the Company has not yet provided any loans or guarantees under the agreement with Eastern Bangkok Monorail Company Limited.

***Sponsor Support Agreement with Nexif Ratch Energy Rayong Company Limited***

The Company entered into an Sponsor Support Agreement with Nexif Ratch Energy Rayong Company Limited, an indirect subsidiary. The Company agreed to provide financial support in the form of shareholders' loans or other shareholders' guarantees. As at 31 December 2022, the Company has provided the guarantee to such company with credit amount of Baht 96.99 million.

***Obligations related to Share Purchase Agreement***

The Company has obligations under a Share Purchase Agreement related to the purchase of ordinary shares in the two of associates. Under the terms of the agreement, the other shareholder has additional rights to the Company's dividend entitlements from those associates.

***Obligations related to Guarantee Service Agreement with Hin Kong Power Holding Company Limited and Hin Kong Power Company Limited***

The Company has obligations under a Guarantee Service Agreement to Hin Kong Power Holding Company Limited and Hin Kong Power Company Limited, direct joint ventures. Under the terms of the agreement defined the Company as guarantor, in proportion of shareholder of 51%. The facilities and terms are stipulated in the agreement.

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

**6 Cash and cash equivalents**

|                                      | <b>Consolidated<br/>financial statements</b> |                  | <b>Separate<br/>financial statements</b> |                |
|--------------------------------------|--|------------------|--|----------------|
|                                      | 2022   | 2021             | 2022                                     | 2021           |
|                                      | <i>(in thousand Baht)</i>                    |                  |  |                |
| Cash on hand                         | 1,839  | 1,632            | 449                                      | 449            |
| Cash at banks                        | 10,773,556                                   | 6,474,862        | 181,749                                  | 542,102        |
| Highly liquid short-term investments | 23,565,779                                   | 485,000          | 754,000                                  | 150,000        |
| <b>Cash and cash equivalents</b>     | <b>34,341,174</b>                            | <b>6,961,494</b> | <b>936,198</b>                           | <b>692,551</b> |

**7 Trade accounts receivable**

|   | <b>Consolidated<br/>financial statements</b> |                  | <b>Separate<br/>financial statements</b> |          |
|---|--|------------------|--|----------|
|   | 2022   | 2021             | 2022                                     | 2021     |
| <i>At 31 December</i>                   | <i>(in thousand Baht)</i>                    |                  |  |          |
| Within credit terms                     | 12,579,400                                   | 9,550,322        | -  | -        |
| Overdue:                                |  |                  |  |          |
| Less than 3 months                      | 2,955  | 223,475          | -  | -        |
| 3 - 6 months                            | -  | 12               | -  | -        |
| 6 - 12 months                           | -  | 88               | -  | -        |
| Over 12 months                          | -  | 300              | -  | -        |
| <b>Total</b>                            | <b>12,582,355</b>                            | <b>9,774,197</b> | <b>-</b>                                 | <b>-</b> |
| Less allowance for expected credit loss | -  | -                | -  | -        |
| <b>Net</b>                              | <b>12,582,355</b>                            | <b>9,774,197</b> | <b>-</b>                                 | <b>-</b> |

Information of credit risk is disclosed in note 26 (b.1).

**8 Spare parts and supplies**

|   | <b>Consolidated<br/>financial statements</b> |                  | <b>Separate<br/>financial statements</b> |          |
|---|--|------------------|--|----------|
|   | 2022   | 2021             | 2022                                     | 2021     |
|   | <i>(in thousand Baht)</i>                    |                  |  |          |
| Fuel oil  | 808,005                                      | 1,071,193        | -  | -        |
| Spare parts and supplies  | 2,110,940                                    | 1,776,189        | -  | -        |
| Spare parts and supplies in transit                                     | 32,191                                       | 10,715           | -  | -        |
| <b>Total</b>  | <b>2,951,136</b>                             | <b>2,858,097</b> | <b>-</b>                                 | <b>-</b> |
| Less allowance for obsolescence of<br>spare parts and supplies          | (1,003,177)                                  | (956,252)        | -  | -        |
| allowance for decline in value of<br>fuel oil                           | (2,162)                                      | -                | -  | -        |
| <b>Net</b>  | <b>1,945,797</b>                             | <b>1,901,845</b> | <b>-</b>                                 | <b>-</b> |
| Spare parts and supplies recognised in<br>‘cost of sales’:              |  |                  |  |          |
| - Cost  | 6,159,700                                    | 2,460,237        | -  | -        |
| - Write-down to obsolescence of spare<br>parts and supplies             | 46,925                                       | 26,539           | -  | -        |
| - (Reversal of) decline in value of fuel oil<br>to net realisable value | 2,162  | (65,884)         | -  | -        |
| <b>Net</b>  | <b>6,208,787</b>                             | <b>2,420,892</b> | <b>-</b>                                 | <b>-</b> |

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

**9 Investments in associates and joint ventures**

| <i>Material movement</i><br><i>Year ended 31 December</i>  | <i>Note</i> | <b>Consolidated<br/>financial statements</b> |                          | <b>Separate<br/>financial statements</b> |                          |
|--|-------------|--|--------------------------|--|--------------------------|
|  |             | 2022   | 2021                     | 2022                                     | 2021                     |
|  |             | <i>(in thousand Baht)</i>                    |                          |  |                          |
| At 1 January   |             | 51,067,028                                   | 40,787,800               | 13,170,815                               | 9,490,861                |
| Share of profits of joint ventures and associates accounted for using equity method                    |             | 5,391,157                                    | 5,902,401                | -  | -                        |
| Share of other comprehensive income of joint ventures and associates accounted for using equity method |             | 1,777,305                                    | 1,599,145                | -  | -                        |
| Addition investments   |             | 6,205,777                                    | 4,657,653                | 795,031                                  | 3,679,954                |
| Acquisition through business combination   |             | -  | 114,622                  | -  | -                        |
| Transfer to investment in subsidiaries   | 4           | (1,130,418)                                  | (2,930,148)              | (984,809)                                | -                        |
| Dividend income  |             | (2,784,385)                                  | (2,152,067)              | -  | -                        |
| Exchange rate adjustment   |             | 812,767                                      | 3,151,338                | -  | -                        |
| Allowance for investment impairment  |             | -  | (63,716)                 | -  | -                        |
| Others   |             | 25,690                                       | -                        | -  | -                        |
| <b>At 31 December</b>  |             | <b><u>61,364,921</u></b>                     | <b><u>51,067,028</u></b> | <b><u>12,981,037</u></b>                 | <b><u>13,170,815</u></b> |

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

Investments in associates and joint ventures as at 31 December were as follows:

|   | Type of business                                     | Country of incorporation | Ownership interest |       | Consolidated financial statements |                          |                          |                          |
|---|--|--------------------------|--------------------|-------|-----------------------------------|--------------------------|--------------------------|--------------------------|
|   |  |                          | 2022               | 2021  | Cost                              | At equity method         |                          |                          |
|   |  |                          | (% )               |       | 2022                              | 2021                     | 2022                     | 2021                     |
|   |  |                          |                    |       | <i>(in thousand Baht)</i>         |                          |                          |                          |
| <b><i>Direct associates</i></b>                       |  |                          |                    |       |                                   |                          |                          |                          |
| First Korat Wind Company Limited                      | Generating and selling electricity                   | Thailand                 | 20                 | 20    | 399,204                           | 399,204                  | 435,605                  | 439,597                  |
| K.R. TWO Company Limited                              | Generating and selling electricity                   | Thailand                 | 20                 | 20    | 365,400                           | 365,400                  | 406,488                  | 401,570                  |
| Northern Bangkok Monorail Company Limited             | Mass transit system                                  | Thailand                 | 10                 | 10    | 1,440,000                         | 1,440,000                | 1,564,868                | 1,402,193                |
| Eastern Bangkok Monorail Company Limited              | Mass transit system                                  | Thailand                 | 10                 | 10    | 1,440,000                         | 1,440,000                | 1,579,180                | 1,421,480                |
| Bangkok Aviation Fuel Services Public Company Limited | Aviation fuel services                               | Thailand                 | 15.53              | 15.53 | 2,712,138                         | 2,712,138                | 2,561,635                | 2,593,596                |
| Principal Healthcare - Sakonnakhon Company Limited    | Private hospital business                            | Thailand                 | 25                 | -     | 75,000                            | -                        | 73,783                   | -                        |
|   |  |                          |                    |       | <b><u>6,431,742</u></b>           | <b><u>6,356,742</u></b>  | <b><u>6,621,559</u></b>  | <b><u>6,258,436</u></b>  |
| <b><i>Indirect associates</i></b>                     |  |                          |                    |       |                                   |                          |                          |                          |
| Solar Power (Korat 3) Company Limited                 | Generating and selling electricity                   | Thailand                 | 40                 | 40    | 75,500                            | 75,500                   | 181,984                  | 188,230                  |
| Solar Power (Korat 4) Company Limited                 | Generating and selling electricity                   | Thailand                 | 40                 | 40    | 79,700                            | 79,700                   | 199,011                  | 198,541                  |
| Solar Power (Korat 7) Company Limited                 | Generating and selling electricity                   | Thailand                 | 40                 | 40    | 75,500                            | 75,500                   | 184,484                  | 186,889                  |
| Impact Solar Company Limited                          | Generating and providing rooftop solar power systems | Thailand                 | 10.85              | 10.71 | 118,230                           | 118,230                  | 116,789                  | 114,330                  |
| Perth Power Partnership (Kwinana)                     | Generating and selling electricity                   | Australia                | 30                 | 30    | 618,531                           | 618,531                  | -                        | 73,247                   |
| Yandin WF Holdings Pty Ltd                            | Generating and selling electricity                   | Australia                | 70                 | 70    | 3,077,978                         | 3,077,978                | 3,669,115                | 3,419,544                |
|   |  |                          |                    |       | <b><u>4,045,439</u></b>           | <b><u>4,045,439</u></b>  | <b><u>4,351,383</u></b>  | <b><u>4,180,781</u></b>  |
| <b>Total</b>  |  |                          |                    |       | <b><u>10,477,181</u></b>          | <b><u>10,402,181</u></b> | <b><u>10,972,942</u></b> | <b><u>10,439,217</u></b> |

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

|  | Type of business   | Country of incorporation | Ownership interest |       | Consolidated financial statements |                         |                         |                         |
|--|--|--------------------------|--------------------|-------|-----------------------------------|-------------------------|-------------------------|-------------------------|
|  |  |                          | 2022               | 2021  | 2022                              | Cost                    | 2021                    | At equity method        |
|  |  |                          | (% )               |       | <i>(in thousand Baht)</i>         |                         |                         |                         |
| <b><i>Direct joint ventures</i></b>                |  |                          |                    |       |                                   |                         |                         |                         |
| Chubu Ratchaburi Electric Services Company Limited | Providing operation and maintenance services                                       | Thailand                 | 50                 | 50    | 10,000                            | 10,000                  | 90,863                  | 88,656                  |
| SouthEast Asia Energy Limited                      | Investing in the power energy business   | Thailand                 | 33.33              | 33.33 | 2,202,250                         | 2,202,250               | 2,936,270               | 2,742,819               |
| Smart Infranet Company Limited                     | Investing in Underground Optic Fiber Network Project                               | Thailand                 | 51                 | 51    | 280,500                           | 280,500                 | 206,282                 | 238,558                 |
| Things on Net Company Limited                      | Investing in installation and development of telecommunication networks            | Thailand                 | 35                 | 35    | 180,018                           | 180,018                 | 118,841                 | 142,980                 |
| Hin Kong Power Holding Company Limited             | Importing and selling LNG  | Thailand                 | 51                 | 51    | 467,772                           | 467,772                 | 407,607                 | 445,274                 |
| Hin Kong Power Company Limited                     | Generating and selling electricity   | Thailand                 | 51                 | -     | 463,590                           | -                       | 544,940                 | -                       |
| R E N Korat Energy Company Limited                 | Generating and selling electricity and steam                                       | Thailand                 | 40                 | 40    | 240,000                           | 120,000                 | 217,860                 | 111,913                 |
| Innopower Company Limited                          | Investing in innovation and commercial inventions including future energy business | Thailand                 | 30                 | 30    | 180,000                           | 45,000                  | 170,762                 | 45,000                  |
| Xe-Pian Xe-Namnoy Power Company Limited            | Generating and selling electricity   | Lao PDR                  | 25                 | 25    | 2,523,725                         | 2,523,725               | 3,169,815               | 2,635,647               |
| Sekong Investment Advisory Co., Ltd.               | Supporting the investment of power plant project                                   | Lao PDR                  | 60                 | -     | 1,440                             | -                       | -                       | -                       |
| NEXIF RATCH ENERGY SINGAPORE PTE. LTD.             | Investing in the power energy business   | Singapore                | -                  | 49    | -                                 | 984,809                 | -                       | 1,043,682               |
|  |  |                          |                    |       | <b><u>6,549,295</u></b>           | <b><u>6,814,074</u></b> | <b><u>7,863,240</u></b> | <b><u>7,494,529</u></b> |
| <b><i>Indirect joint ventures</i></b>              |  |                          |                    |       |                                   |                         |                         |                         |
| Ratchaburi Power Company Limited                   | Generating and selling electricity   | Thailand                 | 25                 | 25    | 1,831,250                         | 1,831,250               | 2,678,171               | 2,767,617               |
| Nava Nakorn Electricity Generating Company Limited | Generating and selling electricity and steam                                       | Thailand                 | 40                 | 40    | 820,000                           | 800,000                 | 817,768                 | 1,050,835               |
| Ratchaburi World Cogeneration Company Limited      | Generating and selling electricity and steam                                       | Thailand                 | 40                 | 40    | 1,000,000                         | 1,000,000               | 1,466,117               | 1,350,685               |
| Berkprai Cogeneration Company Limited              | Generating and selling electricity and steam                                       | Thailand                 | 35                 | 35    | 465,850                           | 465,850                 | 679,907                 | 626,757                 |



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|   | Type of business   | Country of incorporation | Ownership interest |       | Separate financial statements |                         |                 |                 | At cost-net             |                         |
|---|--|--------------------------|--------------------|-------|-------------------------------|-------------------------|-----------------|-----------------|-------------------------|-------------------------|
|   |  |                          | 2022               | 2021  | 2022                          | Cost                    | 2021            | Impairment      | 2022                    | 2021                    |
|   |  |                          | (% )               |       | <i>(in thousand Baht)</i>     |                         |                 |                 |                         |                         |
| <b>Direct associates</b>                              |  |                          |                    |       |                               |                         |                 |                 |                         |                         |
| First Korat Wind Company Limited                      | Generating and selling electricity   | Thailand                 | 20                 | 20    | 399,204                       | 399,204                 | -               | -               | 399,204                 | 399,204                 |
| K.R. TWO Company Limited                              | Generating and selling electricity   | Thailand                 | 20                 | 20    | 365,400                       | 365,400                 | -               | -               | 365,400                 | 365,400                 |
| Northern Bangkok Monorail Company Limited             | Mass transit system  | Thailand                 | 10                 | 10    | 1,440,000                     | 1,440,000               | -               | -               | 1,440,000               | 1,440,000               |
| Eastern Bangkok Monorail Company Limited              | Mass transit system  | Thailand                 | 10                 | 10    | 1,440,000                     | 1,440,000               | -               | -               | 1,440,000               | 1,440,000               |
| Bangkok Aviation Fuel Services Public Company Limited | Aviation fuel services   | Thailand                 | 15.53              | 15.53 | 2,712,138                     | 2,712,138               | -               | -               | 2,712,138               | 2,712,138               |
| Principal Healthcare - Sakonnakhon Company Limited    | Private hospital business  | Thailand                 | 25                 | -     | 75,000                        | -                       | -               | -               | 75,000                  | -                       |
| <b>Total</b>  |  |                          |                    |       | <b><u>6,431,742</u></b>       | <b><u>6,356,742</u></b> | <b><u>-</u></b> | <b><u>-</u></b> | <b><u>6,431,742</u></b> | <b><u>6,356,742</u></b> |
| <b>Direct joint ventures</b>                          |  |                          |                    |       |                               |                         |                 |                 |                         |                         |
| Chubu Ratchaburi Electric Services Company Limited    | Providing operation and maintenance services                                       | Thailand                 | 50                 | 50    | 10,000                        | 10,000                  | -               | -               | 10,000                  | 10,000                  |
| SouthEast Asia Energy Limited                         | Investing in the power energy business   | Thailand                 | 33.33              | 33.33 | 2,202,250                     | 2,202,250               | -               | -               | 2,202,250               | 2,202,250               |
| Smart Infranet Company Limited                        | Investing in Underground Optic Fiber Network Project                               | Thailand                 | 51                 | 51    | 280,500                       | 280,500                 | -               | -               | 280,500                 | 280,500                 |
| Things on Net Company Limited                         | Investing in installation and development of telecommunication networks            | Thailand                 | 35                 | 35    | 180,018                       | 180,018                 | -               | -               | 180,018                 | 180,018                 |
| Hin Kong Power Holding Company Limited                | Importing and selling LNG  | Thailand                 | 51                 | 51    | 467,772                       | 467,772                 | -               | -               | 467,772                 | 467,772                 |
| Hin Kong Power Company Limited                        | Generating and selling electricity   | Thailand                 | 51                 | -     | 463,590                       | -                       | -               | -               | 463,590                 | -                       |
| R E N Korat Energy Company Limited                    | Generating and selling electricity and steam                                       | Thailand                 | 40                 | 40    | 240,000                       | 120,000                 | -               | -               | 240,000                 | 120,000                 |
| Innopower Company Limited                             | Investing in innovation and commercial inventions including energy business future | Thailand                 | 30                 | 30    | 180,000                       | 45,000                  | -               | -               | 180,000                 | 45,000                  |

**RATCH Group Public Company Limited and its subsidiaries**  
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**For the year ended 31 December 2022**

|   | Type of business                                 | Country of incorporation | Ownership interest |      | Separate financial statements |                         |                           |                 | At cost-net             |                         |
|---|--|--------------------------|--------------------|------|-------------------------------|-------------------------|---------------------------|-----------------|-------------------------|-------------------------|
|   |  |                          | 2022               | 2021 | Cost                          | Impairment              | 2022                      | 2021            | 2022                    | 2021                    |
|   |  |                          | (%)                |      | 2022                          | 2021                    | <i>(in thousand Baht)</i> |                 | 2022                    | 2021                    |
| <b><i>Direct joint ventures</i></b>     |  |                          |                    |      |                               |                         |                           |                 |                         |                         |
| Xe-Pian Xe-Namnoy Power Company Limited | Generating and selling electricity               | Lao PDR                  | 25                 | 25   | 2,523,725                     | 2,523,725               | -                         | -               | 2,523,725               | 2,523,725               |
| Sekong Investment Advisory Co., Ltd.    | Supporting the investment of power plant project | Lao PDR                  | 60                 | -    | 1,440                         | -                       | -                         | -               | 1,440                   | -                       |
| NEXIF RATCH ENERGY SINGAPORE PTE. LTD.  | Investing in the power energy business           | Singapore                | -                  | 49   | -                             | 984,809                 | -                         | -               | -                       | 984,809                 |
| <b>Total</b>                            |  |                          |                    |      | <b><u>6,549,295</u></b>       | <b><u>6,814,074</u></b> | <b><u>-</u></b>           | <b><u>-</u></b> | <b><u>6,549,295</u></b> | <b><u>6,814,074</u></b> |

None of the Group and the Company's associates and joint ventures are publicly listed and consequently do not have published price quotations except Bangkok Aviation Fuel Services Public Company Limited which is listed company on the Stock Exchange of Thailand. Based on the closing price of Baht 31.75 per share at 31 December 2022, the fair value of the investment in Bangkok Aviation Fuel Services Public Company Limited was Baht 3,142.71 million.

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***Paid-up share capital***

During 2022, associate and joint ventures called for paid-up share capital. The Group had paid for the share capital in proportion of investments as follows:

| Name of entities                                   | Description                        | Amount<br>(in million Baht) |
|--|------------------------------------|-----------------------------|
| <b><i>Direct associate</i></b>                     |                                    |                             |
| Principal Healthcare - Sakonnakhon Company Limited | Paid for share capital             | 75.00                       |
| <b><i>Direct joint ventures</i></b>                |                                    |                             |
| Hin Kong Power Company Limited                     | Paid for share capital             | 463.59                      |
| R E N Korat Energy Company Limited                 | Paid for increase in share capital | 120.00                      |
| Innopower Company Limited                          | Additional paid-up share capital   | 135.00                      |
| Sekong Investment Advisory Co., Ltd.               | Paid for share capital             | 1.44                        |
| <b><i>Indirect joint ventures</i></b>              |                                    |                             |
| RATCH & AIDC Wind Energy Pte. Ltd.                 | Additional paid-up share capital   | 84.56                       |
| SIPHANDONE-RATCH LAO CO., LTD.                     | Additional paid-up share capital   | 32.50                       |
| Nexif Ratch Energy Investments Pte. Ltd.           | Paid for share capital             | 4,696.39                    |
| PT TAPANULI HYDRO ENERGY                           | Paid for share capital             | 577.29                      |
| Nava Nakorn Electricity Generating Company Limited | Paid for increase in share capital | 20.00                       |

***Investment in Principal Healthcare - Sakonnakhon Company Limited***

On 5 April 2022, the Company has entered into Share Purchase Agreement to purchase ordinary shares of Principal Healthcare - Sakonnakhon Company Limited (“PRINH”) for investing in a private hospital under the name of PRINC Sakonnakhon Hospital which had registered capital totalling Baht 300 million (comprising 30 million ordinary shares at par value of Baht 10 per share). The Company paid for the share capital in proportion of investment of 25% totalling Baht 75 million.

***Investment in Hin Kong Power Company Limited***

On 14 February 2022, the Company has entered into Share Purchase Agreement to purchase ordinary shares of Hin Kong Power Company Limited (“HKP”) from Hin Kong Power Holding Company Limited (“HKH”), an existing shareholder, for jointly operating in Combined Cycle power plant Hin Kong Project in Ratchaburi. The Company already paid for share capital totalling Baht 463.59 million, in investment proportion of 51% (By fully paid 0.20 million ordinary shares at par value of Baht 10 per share and paid-up of 25%, in the total amount of 184.62 million ordinary shares) which resulted in HKP becoming a direct joint venture of the Company. After the transaction was completed, the shareholding structure in HKP will be the Company with 51% and Gulf Energy Development Public Company Limited with 49%. Combined Cycle power plant Hin Kong Project in Ratchaburi are 2 power plants with total contracted capacity of 1,400 Megawatts which is scheduled for commercial operation in 2024 and 2025 respectively.

***Investment in R E N Korat Energy Company Limited***

At the Annual General Meeting of the shareholders of R E N Korat Energy Company Limited (“REN”), a direct joint venture, held on 29 March 2022, the shareholders approved to increase the authorised share capital from Baht 300 million (comprising 30 million ordinary shares at par value of Baht 10 per share) to Baht 500 million (comprising 50 million ordinary shares at par value of Baht 10 per share) by

**RATCH Group Public Company Limited and its subsidiaries**  
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issuance of new ordinary shares totalling 20 million shares at par value of Baht 10 per share and fully paid for increase in share capital. On 5 April 2022, the Company paid for increase in share capital totalling Baht 80 million, in proportion of investment of 40%.

Subsequently on 3 November 2022, at the extraordinary meeting of the shareholders of R E N Korat Energy Company Limited, a direct joint venture, the shareholders approved to increase the authorised share capital from Baht 500 million (*comprising 50 million ordinary shares at par value of Baht 10 per share*) to Baht 700 million (*comprising 70 million ordinary shares at par value of Baht 10 per share*) by issuance of new ordinary shares totalling 20 million shares at par value of Baht 10 per share. The joint venture called for paid-up of 50% of the additional share capital. The Company paid for the additional share capital totalling Baht 40 million, in proportion of investment of 40%.

***Investment in Sekong Investment Advisory Co., Ltd.***

On 8 July 2022, the Company together with B.Grimm Power Public Company Limited (“B.GRIMM”) and another business partner registered the establishment of Sekong Investment Advisory Co., Ltd. (“SIA”) to support the investment of the Xekong 4A and 4B Hydroelectric Power Projects with installed capacity of 355 Megawatts, located in Xekong Province, Lao PDR with authorised shares capital totalling Kip 1,000 million (*comprising 100,000 ordinary shares at par value of Kip 10,000 per share*). On 31 August 2022, the Company paid for the share capital in proportion of investment of 60% totalling Kip 600 million or equivalent to Baht 1.44 million.

***Investment in Sibundong Hydroelectric Power Plant Project***

On 23 November 2022, Fareast Renewable Development Pte. Ltd. (“FRD”), a 90% stake owned subsidiary of RH International (Singapore) Corporation Pte. Ltd. (“RHIS”), has invested by purchasing 100% of all ordinary shares in Malacca Eco Investment Holdings Pte. Ltd. (“MEI”), a company incorporated in Singapore, from Eco Energy Holdings Pte. Ltd. (“EEH”), the existing shareholder, to invest and jointly develop Sibundong Hydroelectric Power Plant in the proportion of 55.56%, operating by PT Tapanuli Hydro Energy (“THE”). This share purchase will make the Group become the Project’s shareholder in the proportion of 50%. The value of the acquisition of shares is US Dollars 16.70 million or equivalent to approximately Baht 577.29 million.

Sibundong Hydroelectric Power Plant Project is a run-of-river hydroelectric power plant with the generation capacity of 73.7 megawatts, located on Sibundong river, North Sumatra Province in the Republic of Indonesia. The project has been developed by EEH’s affiliate, the existing partner who jointly operate Asahan-1 Hydroelectric Power Plant. Sibundong is currently in development phase with a plan of Commercial Operation Date in 2029.

***Investment in Nava Nakorn Electricity Generating Company Limited***

On 28 December 2022, Ratchaburi Electricity Generating Company Limited (“RG”), a direct subsidiary, paid for the additional share capital to Nava Nakorn Electricity Generating Company Limited, a joint venture of the subsidiary, in proportion of investment of 40% totalling Baht 20 million.

***Progress of Saddle Dam D collapse***

On 23 July 2018, the Saddle Dam D of Xe-Pian Xe-Namnoy Hydroelectric Power Project, located in Lao PDR, of Xe-Pian Xe-Namnoy Power Company Limited, a direct joint venture, collapsed. The Saddle Dam fractured which caused the water flow to the downstream area. The joint venture evacuated the people residing around the affected area for safety. The project also has a standard insurance package in accordance with the loan agreement, including all risk insurance for construction, third-party liability insurance, and delay start-up insurance. The costs incurred as a result of the collapse are primarily the

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responsibility by the contractor in charge of engineering, procurement and construction (EPC). From this situation, the Government of Lao PDR appointed the National Investigation Committee to investigate the situation. In 2019, the National Investigation Committee announced the result of investigation is not force majeure as stipulated in the Concession Agreement. In 2020, the joint venture has received the document of claiming on compensation from the Government of Lao PDR and the compensation is partially paid. Currently, the joint venture is during the process of claiming the compensation and related damages from the EPC contractor. However, the project started its commercial operation on 6 December 2019.

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*Material joint ventures*

The following table summarises the financial information of the material 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.

|   | Ratchaburi Power<br>Company Limited |                          | Hongsa Power<br>Company Limited |                           |
|---|-------------------------------------|--------------------------|---------------------------------|---------------------------|
|   | 2022                                | 2021                     | 2022                            | 2021                      |
|   | <i>(in thousand Baht)</i>           |                          |                                 |                           |
| Revenue   | 7,397,211                           | 9,307,099                | 22,188,470                      | 21,338,710                |
| Profit from continuing operations   | 882,214 <sup>a</sup>                | 876,121 <sup>a</sup>     | 8,692,233 <sup>a</sup>          | 8,539,175 <sup>a</sup>    |
| Other comprehensive income  | -                                   | -                        | 1,176,807                       | 1,931,559                 |
| Total comprehensive income (100%)   | 882,214                             | 876,121                  | 9,869,040                       | 10,470,734                |
| Group's interest (%)  | 25                                  | 25                       | 40                              | 40                        |
| <b>Group's share of total comprehensive income</b>                                      | <b>220,554</b>                      | <b>219,030</b>           | <b>3,947,616</b>                | <b>4,188,294</b>          |
| Dividend income from joint ventures for the year  | 310,000                             | 412,500                  | 1,019,700                       | 608,112                   |
| Current assets  | 3,098,786 <sup>b</sup>              | 3,562,685 <sup>b</sup>   | 22,763,524 <sup>b</sup>         | 22,243,968 <sup>b</sup>   |
| Non-current assets  | 7,677,425                           | 8,002,288                | 89,317,762                      | 90,002,942                |
| Current liabilities   | (1,065,572) <sup>c</sup>            | (1,577,132) <sup>c</sup> | (11,047,335) <sup>c</sup>       | (10,606,333) <sup>c</sup> |
| Non-current liabilities   | (49,407) <sup>d</sup>               | (57,692) <sup>d</sup>    | (43,154,680) <sup>d</sup>       | (51,049,352) <sup>d</sup> |
| Net assets (100%)   | 9,661,232                           | 9,930,149                | 57,879,271                      | 50,591,225                |
| Group's share of net assets   | 2,415,308                           | 2,482,537                | 23,151,708                      | 20,236,490                |
| Exchange differences on translating in the consolidated financial statements and others | 262,863                             | 285,080                  | 598,977                         | (137,693)                 |
| <b>Carrying amount of interest in joint ventures</b>                                    | <b>2,678,171</b>                    | <b>2,767,617</b>         | <b>23,750,685</b>               | <b>20,098,797</b>         |

Remark:

a. Includes:

|                                 |           |           |           |           |
|---------------------------------|-----------|-----------|-----------|-----------|
| - depreciation and amortisation | (894,755) | (894,755) | 334,972   | 330,214   |
| - finance costs                 | 5         | -         | 3,372,699 | 3,717,591 |
| - tax expense                   | 234,149   | 214,370   | -         | -         |

b. Includes cash and cash equivalents

|  |           |           |           |           |
|--|-----------|-----------|-----------|-----------|
|  | 1,204,918 | 1,268,464 | 5,856,210 | 4,985,035 |
|--|-----------|-----------|-----------|-----------|

c. Includes current financial liabilities (excluding trade and other payables and provisions)

|  |   |   |             |             |
|--|---|---|-------------|-------------|
|  | - | - | (8,577,014) | (7,965,712) |
|--|---|---|-------------|-------------|

d. Includes non-current financial liabilities (excluding trade and other payables and provisions)

|  |   |   |              |              |
|--|---|---|--------------|--------------|
|  | - | - | (42,146,169) | (50,171,095) |
|--|---|---|--------------|--------------|

**RATCH Group Public Company Limited and its subsidiaries**  
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*Immaterial associates and joint ventures*

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

|  | Immaterial associates     |                          | Immaterial joint ventures |                          |
|--|---------------------------|--------------------------|---------------------------|--------------------------|
|  | 2022                      | 2021                     | 2022                      | 2021                     |
|  | <i>(in thousand Baht)</i> |                          |                           |                          |
| Carrying amount of interests in immaterial associates and joint ventures | <u><b>10,972,942</b></u>  | <u><b>10,439,217</b></u> | <u><b>23,963,123</b></u>  | <u><b>17,761,397</b></u> |
| Group's share of:  |                           |                          |                           |                          |
| - Profit from continuing operations                                      | 100,346                   | 99,309                   | 1,593,365                 | 2,168,392                |
| - Other comprehensive income   | <u>773,310</u>            | <u>564,995</u>           | <u>578,633</u>            | <u>261,526</u>           |
| - Total comprehensive income   | <u><b>873,656</b></u>     | <u><b>664,304</b></u>    | <u><b>2,171,998</b></u>   | <u><b>2,429,918</b></u>  |

**10 Investments in subsidiaries**

| <i>Material movement</i><br><i>Year ended 31 December</i> | Separate<br>financial statements |                          |
|---|----------------------------------|--------------------------|
|   | 2022                             | 2021                     |
|   | <i>(in thousand Baht)</i>        |                          |
| At 1 January  | 55,708,147                       | 50,836,610               |
| Acquisitions / Additions                                  | 32,690,378                       | 4,871,537                |
| Reclassify investment                                     | 984,809                          | -                        |
| <b>At 31 December</b>                                     | <u><b>89,383,334</b></u>         | <u><b>55,708,147</b></u> |

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Investments in subsidiaries as at 31 December are as follows:

|   | Type of business  | Country of operation | Ownership interest |       | Cost                     |                          | Impairment                |                 | At cost - net            |                          |
|---|---|----------------------|--------------------|-------|--------------------------|--------------------------|---------------------------|-----------------|--------------------------|--------------------------|
|   |   |                      | 2022               | 2021  | 2022                     | 2021                     | 2022                      | 2021            | 2022                     | 2021                     |
|   |   |                      | (%)                |       |                          |                          | <i>(in thousand Baht)</i> |                 |                          |                          |
| <b><i>Subsidiaries</i></b>                        |   |                      |                    |       |                          |                          |                           |                 |                          |                          |
| Ratchaburi Electricity Generating Company Limited | Generating and selling electricity and investing in the power energy business                                   | Thailand             | 99.99              | 99.99 | 21,900,000               | 21,900,000               | -                         | -               | 21,900,000               | 21,900,000               |
| Ratchaburi Energy Company Limited                 | Investing in the power energy business  | Thailand             | 99.99              | 99.99 | 640,000                  | 640,000                  | -                         | -               | 640,000                  | 640,000                  |
| RH International Corporation Limited              | Investing in the power energy business  | Thailand             | 99.99              | 99.99 | 59,775,000               | 27,130,000               | -                         | -               | 59,775,000               | 27,130,000               |
| RATCH O&M Company Limited                         | Providing operation and maintenance services  | Thailand             | 99.99              | 99.99 | 2,500                    | 2,500                    | -                         | -               | 2,500                    | 2,500                    |
| Ratchaburi Alliances Company Limited              | Investing in the power energy business  | Thailand             | 99.99              | 99.99 | 420,200                  | 420,200                  | -                         | -               | 420,200                  | 420,200                  |
| RATCH Cogeneration Company Limited                | Generating and selling electricity and steam  | Thailand             | 99.99              | 99.97 | 1,866,602                | 1,866,052                | -                         | -               | 1,866,602                | 1,866,052                |
| Sahacogen (Chonburi) Public Company Limited       | Generating and selling electricity and steam  | Thailand             | 51.67              | 51    | 3,457,365                | 3,412,537                | -                         | -               | 3,457,365                | 3,412,537                |
| RATCH-Lao Services Company Limited                | Providing operation and maintenance services and investing in the power energy and fundamental utility business | Lao PDR              | 99.99              | 99.99 | 336,858                  | 336,858                  | -                         | -               | 336,858                  | 336,858                  |
| Nexif Ratch Energy Singapore Pte. Ltd.            | Investing in the power energy business  | Singapore            | 49                 | -     | 984,809                  | -                        | -                         | -               | 984,809                  | -                        |
| <b>Total</b>                                      |   |                      |                    |       | <b><u>89,383,334</u></b> | <b><u>55,708,147</u></b> | <b><u>-</u></b>           | <b><u>-</u></b> | <b><u>89,383,334</u></b> | <b><u>55,708,147</u></b> |

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***Share acquisition of Sahacogen (Chonburi) Public Company Limited (“SCG”)***

On 13 December 2021, the Company completed the purchase of the ordinary shares of Sahacogen (Chonburi) Public Company Limited (“SCG”), which is listed on the Stock Exchange of Thailand, in the total amount of Baht 3,412.54 million, equivalent to 51% of the total issued shares in SCG. According to the acquisition, the Company has determined goodwill from the acquisition in the amount of Baht 1,430.47 million.

TFRS required Management to make preliminary assessment of the fair values of the assets, liabilities and contingent liabilities specified at the acquisition date. The Group hired an independent appraiser to determine the fair value of assets and liabilities acquired during the measurement period, which must not exceed one year from the acquisition date to reflect new information obtained about facts and circumstances that existed as of the acquisition date. Finalisation of the valuation of net assets of investment was completed in August 2022.

The following summarises the consideration transferred, and the fair value of net assets acquired assumed at the acquisition date:

|   | <b>Recognised<br/>value</b> | <b>Adjustments</b>        | <b>Fair value</b>       |
|---|-----------------------------|---------------------------|-------------------------|
|   |                             | <i>(in thousand Baht)</i> |                         |
| Cash and cash equivalents                     | 1,435,164                   | -                         | 1,435,164               |
| Trade and other current receivables           | 573,154                     | -                         | 573,154                 |
| Inventories                                   | 262,070                     | -                         | 262,070                 |
| Intangible assets - Power purchase agreements | -                           | 3,680,444                 | 3,680,444               |
| Property, plant and equipment                 | 5,047,561                   | (141,039)                 | 4,906,522               |
| Deferred tax assets                           | 27,659                      | 57,502                    | 85,161                  |
| Other assets                                  | 385,355                     | -                         | 385,355                 |
| Trade and other payables                      | (351,198)                   | -                         | (351,198)               |
| Loans and borrowings                          | (2,987,379)                 | -                         | (2,987,379)             |
| Deferred tax liabilities                      | -                           | (692,962)                 | (692,962)               |
| Other liabilities                             | (428,375)                   | -                         | (428,375)               |
| Non-controlling interest                      | (77,610)                    | (2,302)                   | (79,912)                |
| <b>Total identifiable net assets</b>          | <b><u>3,886,401</u></b>     | <b><u>2,901,643</u></b>   | <b><u>6,788,044</u></b> |
| Interest acquired (%)                         |                             |                           | 51                      |
|   |                             |                           | <b><u>3,461,902</u></b> |
| Goodwill                                      | 1,430,473                   | (1,430,473)               | -                       |
| Gain on bargain purchase                      | -                           | (49,365)                  | (49,365)                |
| <b>Purchase consideration transferred</b>     |                             |                           | <b><u>3,412,537</u></b> |

The valuation techniques used for measuring the fair value of material assets acquired are as follows;

- The fair value of power purchase agreements and concession right was determined based on income approach using Multi-period Excess Earning Method (MEEM) with operating period under power purchase agreement and related conditions. Key assumptions included forecast revenue and discount rate.
- The fair value of property, plant and equipment was determined based on market approach.

The consolidated financial statements as at 31 December 2021 included in these financial statements have been restated to reflect new information obtained about facts and circumstances that existed as of the acquisition date and the subsequently recognised adjustments as follows;

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**The impacts to the consolidated statement of financial position as at 31 December 2021**

|  |                           |
|--|---------------------------|
|  | <i>(in thousand Baht)</i> |
| <b>Assets</b>                          |                           |
| Intangible assets increase             | 3,674,266                 |
| Property, plant and equipment decrease | (140,814)                 |
| Deferred tax assets increase           | 57,177                    |
| Goodwill decrease                      | (1,430,473)               |
| <b>Liability</b>                       |                           |
| Deferred tax liabilities increase      | (691,755)                 |
| <b>Total</b>                           | <b><u>1,468,401</u></b>   |
| <b>Equity</b>                          |                           |
| Retained earnings increase             | 46,778                    |
| Non-controlling interest increase      | 1,421,623                 |
| <b>Total equity increase</b>           | <b><u>1,468,401</u></b>   |

**The impacts to the statement of comprehensive income for the year ended 31 December 2021**

|   |                           |
|---|---------------------------|
|   | <i>(in thousand Baht)</i> |
| Administrative expenses increase                  | (5,954)                   |
| Gain on bargain purchase increase                 | 49,365                    |
| Tax expense decrease                              | 882                       |
| <b>Comprehensive income for the year increase</b> | <b><u>44,293</u></b>      |

**Earnings per share**

|  |                    |
|--|--------------------|
| Earnings per share (basic) <i>(in Bath)</i> increase | <b><u>0.03</u></b> |
|--|--------------------|

**The impacts to the consolidated statement of cash flow for the year ended 31 December 2021**

|   |                           |
|---|---------------------------|
|   | <i>(in thousand Baht)</i> |
| <b>Cash flows from operating activities</b> |                           |
| Profit for the year increase                | 44,293                    |
| <b>Adjustments</b>                          |                           |
| Tax expense decrease                        | (882)                     |
| Amortisation increase                       | 5,954                     |
| Gain on bargain purchase increase           | (49,365)                  |
| <b>Net change cash flow</b>                 | <b><u>-</u></b>           |

In addition, on 31 January 2022, which is the end of the tender offer, there were those who expressed the intentions to sell in the total amount of 7.80 million shares, equivalent to 0.67% of the total issued and paid-up shares, at Baht 5.75 per share amounting to Baht 44.83 million. After such transaction is completed, the Company hold the total of 601.28 million shares or equivalent to 51.67% of the total issued shares.

The effects of changes in ownership interests in consolidated financial statement as follows:

|   |                           |
|---|---------------------------|
|   | <i>(in thousand Baht)</i> |
| Carrying amount of non-controlling interests acquired   | 45,436                    |
| Less consideration paid to non-controlling interests  | (44,828)                  |
| <b>Increase in equity attributable to owners of the Company from additional investments in subsidiary</b> | <b><u>608</u></b>         |

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

***Acquired non-controlling interests in RATCH Cogeneration Company Limited (“RCO”)***

On 18 July 2022, the Company acquired the additional 0.03% interest in RATCH Cogeneration Company Limited, a direct subsidiary, from the existing shareholder totalling Baht 0.55 million, increasing its ownership from 99.97% to 99.99%.

The effects of changes in ownership interests in consolidated financial statement as follows:

|   |                           |
|---|---------------------------|
|   | <i>(in thousand Baht)</i> |
| Carrying amount of non-controlling interests acquired   | 730                       |
| Less consideration paid to non-controlling interests  | (550)                     |
| <b>Increase in equity attributable to owners of the Company<br/>from additional investments in subsidiary</b> | <b><u>180</u></b>         |

***The Establishment of company of Sahacogen (Chonburi) Public Company Limited (“SCG”)***

On 4 October 2022, Sahacogen (Chonburi) Public Company Limited (“SCG”), a direct subsidiary, registered the establishment of Solarist Holding Company Limited (“SOL”) to invest and operate solar power plant business with authorised shares capital totalling Baht 1 million (*100,000 ordinary shares at par value of Baht 10 per share*). SCG has shareholding proportion of 100%. Subsequently on 19 October 2022, the Board of Directors Meeting of SCG passed a resolution approving to increase the authorised share capital of SOL from the existing registered capital of Baht 1 million to Baht 2,610 million (*261 million ordinary shares at par value of Baht 10 per share*) and called for paid-up of 25% of the additional share capital. Subsequently on 26 October 2022, SCG paid for the additional share capital totalling Baht 652 million for investment to expand power generation business and working capital.

***Call for paid up share capital of RH International Corporation Limited (“RHIC”)***

| <b>Date</b>             | <b>Description</b>                    | <b>Registered<br/>share capital<br/><i>(in thousand<br/>shares)</i></b> | <b>Par value<br/>per share<br/><i>(Baht)</i></b> | <b>Registered<br/>share capital<br/><i>(in thousand<br/>Baht)</i></b> | <b>Paid-up<br/>share capital<br/><i>(in thousand<br/>Baht)</i></b> |
|-------------------------|---------------------------------------|---|--|---|--|
| 1 January 2022          | Balance                               | 3,265,000   | 10   | 32,650,000  | 27,130,000   |
| 22 July 2022            | Increase in<br>share capital          | 2,712,500   | 10   | 27,125,000  | -  |
| 20 October 2022         | Paid for increase<br>in share capital | -   |  | -   | 2,145,000  |
| 30 November 2022        | Paid for increase<br>in share capital | -   |  | -   | 21,000,000   |
| 15 December 2022        | Paid for increase<br>in share capital | -   |  | -   | 9,500,000  |
| <b>31 December 2022</b> | <b>Balance</b>                        | <b><u>5,977,500</u></b>   | <b>10</b>  | <b><u>59,775,000</u></b>  | <b><u>59,775,000</u></b>   |

***Dissolution of RATCH China Power Limited (“RCNP”)***

On 20 October 2022, the Board of Directors of RATCH China Power Limited (“RCNP”), an indirect subsidiary, approved for the dissolution of the subsidiary and is under the liquidation process.

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

**11 Land for future development projects**

At 31 December 2022, the Group has land for future development projects comprise the 317 rai located in Pathum Thani province, the 19 rai located in Nakhorn Sri Thammarat province, the 52 rai located in Petchaburi province and the 105 rai located in Ratchaburi province. The Group is considering the future development plan but not yet finalised. The total net book value of those lands are Baht 355.77 million. As at 31 December 2022, the Group has determined the market value resulting the net book value of those lands are not higher than the recoverable amount.

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

**12 Property, plant and equipment**

|   | <b>Consolidated financial statements</b> |  |   |  |               |   |                   |
|---|--|--|---|--|---------------|---|-------------------|
|   | Land                                     | Buildings,<br>other<br>constructions<br>and building<br>improvements | Power plants,<br>substation &<br>transmission<br>systems and<br>operating &<br>maintenance<br>equipment | Furniture,<br>fixtures and<br>office<br>equipment<br><i>(in thousand Baht)</i> | Vehicles      | Assets under<br>construction<br>and<br>installation | Total             |
| <b>Cost</b>   |  |  |   |  |               |   |                   |
| At 1 January 2021   | 1,739,143                                | 527,201  | 36,590,465  | 571,686  | 18,356        | 7,117,218   | 46,564,069        |
| Additions   | 10,294                                   | 38,636   | 696,594   | 8,295  | -             | 1,691,397   | 2,445,216         |
| Acquisition through business<br>combination - restate             | 883,515                                  | 167,909  | 3,804,262   | 9,251  | 5,691         | 37,747  | 4,908,375         |
| Transfers   | (103,300)                                | 72,407   | 7,300,421   | 1,550  | -             | (7,660,144)   | (389,066)         |
| Disposals   | -  | -  | (2,420)   | (9,264)  | (2,655)       | -   | (14,339)          |
| Effect of movements in<br>exchange rates                          | 10,881                                   | 8,746  | 1,729,258   | 661  | 293           | 317,141   | 2,066,980         |
| <b>At 31 December 2021<br/>and 1 January 2022 - restate</b>       | <b>2,540,533</b>                         | <b>814,899</b>   | <b>50,118,580</b>   | <b>582,179</b>   | <b>21,685</b> | <b>1,503,359</b>                                    | <b>55,581,235</b> |
| Additions   | 2,142                                    | 1,847  | 56,955  | 4,763  | 2,717         | 2,099,519   | 2,167,943         |
| Acquisition through business<br>combination ( <i>see note 4</i> ) | 28,497                                   | -  | 17,222,490  | 5,217  | 627           | 213,525   | 17,470,356        |
| Transfers   | -  | (73,702)   | 1,954,412   | 509  | -             | (1,967,817)   | (86,598)          |
| Disposals   | (1,531)                                  | (16,382)   | (172,251)   | (9,320)  | (1,923)       | -   | (201,407)         |
| Effect of movements in<br>exchange rates                          | (6,862)                                  | (6,974)  | (1,301,821)   | 350  | 285           | (8,626)   | (1,323,648)       |
| <b>At 31 December 2022</b>  | <b>2,562,779</b>                         | <b>719,688</b>   | <b>67,878,365</b>   | <b>583,698</b>   | <b>23,391</b> | <b>1,839,960</b>                                    | <b>73,607,881</b> |

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

|   | <b>Consolidated financial statements</b> |  |   |  |               |   |                   |
|---|--|--|---|--|---------------|---|-------------------|
|   | Land                                     | Buildings,<br>other<br>constructions<br>and building<br>improvements | Power plants,<br>substation &<br>transmission<br>systems and<br>operating &<br>maintenance<br>equipment | Furniture,<br>fixtures and<br>office<br>equipment<br><i>(in thousand Baht)</i> | Vehicles      | Assets under<br>construction<br>and<br>installation | Total             |
| <b><i>Depreciation and impairment losses</i></b>            |  |  |   |  |               |   |                   |
| At 1 January 2021   | -  | 230,469  | 16,286,392  | 549,618  | 18,294        | -   | 17,084,773        |
| Depreciation charge for the year                            | -  | 26,181   | 1,670,412   | 9,933  | 98            | -   | 1,706,624         |
| Disposals   | -  | -  | (2,159)   | (9,263)  | (2,655)       | -   | (14,077)          |
| Effect of movements<br>in exchange rates                    | -  | 4,955  | 834,200   | 606  | 275           | -   | 840,036           |
| <b>At 31 December 2021<br/>and 1 January 2022 - restate</b> | -  | <b>261,605</b>   | <b>18,788,845</b>   | <b>550,894</b>   | <b>16,012</b> | -   | <b>19,617,356</b> |
| Depreciation charge for the year                            | -  | 41,749   | 2,351,138   | 12,837   | 2,113         | -   | 2,407,837         |
| Transfers   | -  | 1,260  | (1,257)   | (4)  | 1             | -   | -                 |
| Disposals   | -  | (14,379)   | (123,115)   | (9,284)  | (1,620)       | -   | (148,398)         |
| Effect of movements<br>in exchange rates                    | -  | (3,635)  | (603,663)   | 201  | 363           | -   | (606,734)         |
| <b>At 31 December 2022</b>                                  | -  | <b>286,600</b>   | <b>20,411,948</b>   | <b>554,644</b>   | <b>16,869</b> | -   | <b>21,270,061</b> |
| <b><i>Net book value</i></b>                                |  |  |   |  |               |   |                   |
| <b>At 31 December 2021</b>                                  | <b>2,540,533</b>                         | <b>553,294</b>   | <b>31,329,735</b>   | <b>31,285</b>  | <b>5,673</b>  | <b>1,503,359</b>                                    | <b>35,963,879</b> |
| <b>At 31 December 2022</b>                                  | <b>2,562,779</b>                         | <b>433,088</b>   | <b>47,466,417</b>   | <b>29,054</b>  | <b>6,522</b>  | <b>1,839,960</b>                                    | <b>52,337,820</b> |

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

|   | <b>Separate financial statements</b> |  |  |            |                  |
|---|--------------------------------------|--|--|------------|------------------|
|   | Land                                 | Buildings,<br>other<br>constructions<br>and building<br>improvements | Furniture,<br>fixtures and<br>office<br>equipment<br><i>(in thousand Baht)</i> | Vehicles   | Total            |
| <b>Cost</b>                                       |                                      |  |  |            |                  |
| At 1 January 2021                                 | 295,993                              | 309,636  | 445,978  | 960        | 1,052,567        |
| Additions   | -                                    | -  | 3,947  | -          | 3,947            |
| Transfers   | -                                    | -  | 1,550  | -          | 1,550            |
| Disposals   | -                                    | -  | (9,088)  | -          | (9,088)          |
| <b>At 31 December 2021<br/>and 1 January 2022</b> | <b>295,993</b>                       | <b>309,636</b>   | <b>442,387</b>   | <b>960</b> | <b>1,048,976</b> |
| Additions   | -                                    | -  | 542  | -          | 542              |
| Disposals   | -                                    | -  | (4,355)  | -          | (4,355)          |
| <b>At 31 December 2022</b>                        | <b>295,993</b>                       | <b>309,636</b>   | <b>438,574</b>   | <b>960</b> | <b>1,045,163</b> |
| <b>Depreciation</b>                               |                                      |  |  |            |                  |
| At 1 January 2021                                 | -                                    | 99,443   | 431,945  | 960        | 532,348          |
| Depreciation charge<br>for the year               | -                                    | 12,385   | 6,161  | -          | 18,546           |
| Disposals   | -                                    | -  | (9,088)  | -          | (9,088)          |
| <b>At 31 December 2021<br/>and 1 January 2022</b> | <b>-</b>                             | <b>111,828</b>   | <b>429,018</b>   | <b>960</b> | <b>541,806</b>   |
| Depreciation charge<br>for the year               | -                                    | 12,385   | 5,101  | -          | 17,486           |
| Disposals   | -                                    | -  | (4,354)  | -          | (4,354)          |
| <b>At 31 December 2022</b>                        | <b>-</b>                             | <b>124,213</b>   | <b>429,765</b>   | <b>960</b> | <b>554,938</b>   |
| <b>Net book value</b>                             |                                      |  |  |            |                  |
| <b>At 31 December 2021</b>                        | <b>295,993</b>                       | <b>197,808</b>   | <b>13,369</b>  | <b>-</b>   | <b>507,170</b>   |
| <b>At 31 December 2022</b>                        | <b>295,993</b>                       | <b>185,423</b>   | <b>8,809</b>   | <b>-</b>   | <b>490,225</b>   |

Capitalised borrowing costs relating to the acquisition of the land and the construction of the new factory for the Group amounted to Baht 44.90 million (2021: Baht 79.38 million).

*Security*

As at 31 December 2022, RATCH-Australia Corporation Pty. Ltd., an indirect subsidiary, had mortgaged land, buildings and power plants and pledged power plant equipment of 5 power plants with a net book value of Australian Dollars 948.18 million or equivalent to Baht 22,254.06 million as collateral for long-term loans from financial institutions (see note 16).

As at 31 December 2022, RATCH Cogeneration Company Limited, a direct subsidiary, had mortgaged land with partial buildings on land and partial machine as collateral for long-term loans from financial institution (see note 16).

As at 31 December 2022, Sahagreen forest Company Limited, an indirect subsidiary, had mortgaged land with buildings on land and machines with a net book value of Baht 327.41 million as collateral for long-term loans from financial institution (see note 16).

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

**13 Leases**

| <i>Right-of-use assets</i><br><i>At 31 December</i> | <b>Consolidated</b><br><b>financial statements</b> |                         | <b>Separate</b><br><b>financial statements</b> |                      |
|---|--|-------------------------|--|----------------------|
|   | 2022   | 2021                    | 2022   | 2021                 |
|   | <i>(in thousand Baht)</i>                          |                         |  |                      |
| Land  | 997,590  | 466,767                 | -  | -                    |
| Machines  | 1,188,206  | 82,317                  | -  | -                    |
| Vehicles  | 22,182   | 27,292                  | 13,916   | 13,207               |
| Office equipment                                    | 8,543  | 17,049                  | 9,506  | 16,629               |
| Transmission systems                                | 1,558,865  | 1,581,020               | -  | -                    |
| <b>Total</b>  | <b><u>3,775,386</u></b>                            | <b><u>2,174,445</u></b> | <b><u>23,422</u></b>                           | <b><u>29,836</u></b> |

In 2022, additions to the right-of-use assets of the Group and the Company were Baht 36.28 million and Baht 9.50 million, respectively (2021: Baht 28.37 million and Baht 5.01 million, respectively).

***Generator Connection and Access agreement***

On 26 October 2016, Mount Emerald Wind Farm Pty. Ltd., an indirect subsidiary, entered into a Generator Connection and Access agreement with a local company in Australia to join construct a switchyard and a transmission line. Thus, the subsidiary can connect and transmit electricity to a substation for a period of 26 years starting from the date specified in the agreement. The total value of the agreement is Australian Dollars 28.18 million.

On 27 October 2020, Collector Wind Farm Pty. Ltd., an indirect subsidiary, entered into a Dedicated Connection Agreement with a local company in Australia. The subsidiary can transmit electricity to substation for a period of 30 years starting from the date specified in the agreement. The total value of the agreement is Australian Dollars 43.49 million.

***Land lease agreement***

On 29 March 2019, Collector Wind Farm Pty. Ltd., an indirect subsidiary, entered into Land Lease Agreement for a period of 30 years. The agreement can be extended for a period of 10 years after the termination date. The monthly rental expense is stipulated in the agreement.

***Extension options***

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

| <i>Year ended 31 December</i>   | <b>Consolidated</b><br><b>financial statements</b> |        | <b>Separate</b><br><b>financial statements</b> |       |
|---|--|--------|--|-------|
|   | 2022   | 2021   | 2022   | 2021  |
|   | <i>(in thousand Baht)</i>                          |        |  |       |
| <b><i>Amount recognised in profit or loss</i></b>                     |  |        |  |       |
| Depreciation of right-of-use assets:                                  |  |        |  |       |
| - Land  | 26,711   | 20,861 | -  | -     |
| - Machines  | 27,439   | 1,770  | -  | -     |
| - Vehicles  | 22,191   | 12,935 | 7,008  | 8,486 |
| - Office equipment  | 10,285   | 8,655  | 8,901  | 8,403 |
| - Transmission systems  | 60,870   | 60,184 | -  | -     |
| Interest on lease liabilities   | 100,591  | 93,543 | 1,589  | 2,242 |
| Expenses relating to short-term leases and leases of low-value assets | 12,791   | 12,491 | 4,143  | 3,866 |

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In 2022, total cash outflow for leases of the Group and the Company were Baht 187.27 million and Baht 17.76 million, respectively (2021: Baht 159.38 million and Baht 18.79 million, respectively).

**14 Goodwill and intangible assets**

|   | <b>Consolidated financial statements</b> |                                       |   |  |   |                   |
|---|--|---------------------------------------|---|--|---|-------------------|
|   | Software<br>licences                     | Licenses on<br>project<br>development | Goodwill<br>from business<br>acquisition<br><i>(in thousand Baht)</i> | Right to use<br>transmission<br>system | Right to<br>power<br>purchase<br>agreements | Total             |
| <b>Cost</b>   |  |                                       |   |  |   |                   |
| At 1 January 2021   | 149,523                                  | 600,742                               | 628,167   | -                                      | 5,897,788                                   | 7,276,220         |
| Acquisition through business<br>combination - restate             | 6,410                                    | -                                     | -   | 9,029                                  | 3,680,444                                   | 3,695,883         |
| Additions   | 845                                      | -                                     | -   | 285,767                                | 342   | 286,954           |
| Effect of movements in<br>exchange rates                          | 3,059                                    | 67,656                                | 19,191  | -                                      | 256,617                                     | 346,523           |
| <b>At 31 December 2021<br/>and 1 January 2022 - restate</b>       | <b>159,837</b>                           | <b>668,398</b>                        | <b>647,358</b>  | <b>294,796</b>                         | <b>9,835,191</b>                            | <b>11,605,580</b> |
| Acquisition through business<br>combination ( <i>see note 4</i> ) | 1,384                                    | -                                     | 9,765,364   | -                                      | 3,062,637                                   | 12,829,385        |
| Additions   | 11,844                                   | -                                     | -   | 15,424                                 | -   | 27,268            |
| Transfers   | -  | -                                     | -   | -                                      | 86,598                                      | 86,598            |
| Disposal  | -  | -                                     | -   | -                                      | (381,635)                                   | (381,635)         |
| Effect of movements in<br>exchange rates                          | (1,934)                                  | 22,850                                | 5,786   | -                                      | (162,796)                                   | (136,094)         |
| <b>At 31 December 2022</b>  | <b>171,131</b>                           | <b>691,248</b>                        | <b>10,418,508</b>   | <b>310,220</b>                         | <b>12,439,995</b>                           | <b>24,031,102</b> |
| <b>Amortisation and<br/>impairment losses</b>                     |  |                                       |   |  |   |                   |
| At 1 January 2021   | 119,506                                  | 124,616                               | 458,512   | -                                      | 3,120,057                                   | 3,822,691         |
| Amortisation charge<br>for the year                               | 8,538                                    | 25,581                                | -   | 162,904                                | 306,747                                     | 503,770           |
| Impairment losses   | -  | -                                     | 19,602  | -                                      | -   | 19,602            |
| Effect of movements in<br>exchange rates                          | 2,822                                    | 15,188                                | -   | -                                      | 166,854                                     | 184,864           |
| <b>At 31 December 2021<br/>and 1 January 2022 - restate</b>       | <b>130,866</b>                           | <b>165,385</b>                        | <b>478,114</b>  | <b>162,904</b>                         | <b>3,593,658</b>                            | <b>4,530,927</b>  |
| Amortisation charge<br>for the year                               | 8,820                                    | 28,048                                | -   | 15,106                                 | 429,343                                     | 481,317           |
| Disposal  | -  | -                                     | -   | -                                      | (381,635)                                   | (381,635)         |
| Effect of movements in<br>exchange rates                          | (1,890)                                  | 5,255                                 | -   | -                                      | (118,175)                                   | (114,810)         |
| <b>At 31 December 2022</b>  | <b>137,796</b>                           | <b>198,688</b>                        | <b>478,114</b>  | <b>178,010</b>                         | <b>3,523,191</b>                            | <b>4,515,799</b>  |
| <b>Net book value</b>   |  |                                       |   |  |   |                   |
| <b>At 31 December 2021</b>  | <b>28,971</b>                            | <b>503,013</b>                        | <b>169,244</b>  | <b>131,892</b>                         | <b>6,241,533</b>                            | <b>7,074,653</b>  |
| <b>At 31 December 2022</b>  | <b>33,335</b>                            | <b>492,560</b>                        | <b>9,940,394</b>  | <b>132,210</b>                         | <b>8,916,804</b>                            | <b>19,515,303</b> |

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
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|  | <b>Separate<br/>financial statements</b> |
|--|--|
|  | Software licences<br>(in thousand Baht)  |
| <i>Cost</i>                                      |  |
| At 1 January 2021                                | 32,529                                   |
| Additions  | -  |
| <b>At 31 December 2021 and 1 January 2022</b>    | <b>32,529</b>                            |
| Additions  | -  |
| <b>At 31 December 2022</b>                       | <b>32,529</b>                            |
| <i>Amortisation</i>                              |  |
| At 1 January 2021                                | 30,772                                   |
| Amortisation charge for the year                 | 1,299                                    |
| <b>At 31 December 2021 and at 1 January 2022</b> | <b>32,071</b>                            |
| Amortisation charge for the year                 | 300                                      |
| <b>At 31 December 2022</b>                       | <b>32,371</b>                            |
| <i>Net book value</i>                            |  |
| <b>At 31 December 2021</b>                       | <b>458</b>                               |
| <b>At 31 December 2022</b>                       | <b>158</b>                               |

*Impairment testing for CGUs containing goodwill*

For the purposes of impairment testing, goodwill has been allocated to the Group's CGUs. The balance of goodwill as at 31 December 2022 and 2021 mainly came from Wind Farm in Australia.

The recoverable amounts of goodwill, right to power purchase agreements and property, plant and equipment in Australia (CGU) were based on its value in use, determined by discounting the future cash flows to be generated from the continuing use of the power plants in Australia.

The key assumptions used in the estimation of value in use included the discount rates which was a post-tax measure based on the rate of 10-year historic of average 10-year government bonds from Reserve Bank Australia (RBA) defined as a risk free rate, in line with the principle underlying the Capital Asset Pricing Model (CAPM) theory with debt leveraging of 60% for Thermal power plants and 50% for Renewable Energy power plants and the future cash flows were prepared using the external information, which included sales volumes, prices, operating costs, inflation rate and long-term growth rates based on estimate throughout the remaining period of the power purchase agreements.

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<br/>financial statements</b> |      |
|---|--|------|
|   | 2022   | 2021 |
|   | (%)  |      |
| Discount rate - Thermal power plants          | 6.70   | 6.19 |
| Discount rate - Renewable energy power plants | 6.29   | 5.72 |

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The discount rates were a post-tax measure based on the rate of 10-year 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 general equity securities and the systematic risk of the specific CGU.

*Revenue projection*

The total revenue projections for the power plant assets have been determined in accordance with the power purchase agreements applying the revenue projections from external information for the post power purchase agreement periods. The assumptions included tariff from Thermal power plants and Renewable Energy power plants, carbon credit prices, nature gas prices, electricity demands, exchange rates, inflation rates and other related factors.

The impairment testing has been prepared by the management of RATCH-Australia Corporation Limited (“RAC”) from the information as specified in the power purchase agreements with the counterparties while estimating revenue and expenses from the external source and other related factors and conservative approach are used when preparing the testing. The RAC’s management have also conducted many sensitivity tests from the most conservative approach. There were no impairment loss recognised for any RAC’s assets (2021: Baht 19.60 million due to foreign currency fluctuation).

**15 Other non-current assets**

|   | <b>Consolidated<br/>financial statements</b> |                         | <b>Separate<br/>financial statements</b> |                     |
|---|--|-------------------------|--|---------------------|
|   | 2022   | 2021                    | 2022                                     | 2021                |
|   | <i>(in thousand Baht)</i>                    |                         |  |                     |
| Deferred expenses under contractual service agreements        | 1,503,963                                    | 1,247,235               | -  | -                   |
| Revenue department receivable                                 | 335,729                                      | 459,072                 | -  | -                   |
| Deferred financing fees                                       | -  | 258,450                 | -  | -                   |
| Development costs of power generating projects                | 195,193                                      | 128,078                 | -  | -                   |
| Deposits and guarantee  | 12,909                                       | 59,574                  | 4,530                                    | 4,526               |
| Prepaid expense - generator connection and access service fee | 41,586                                       | 44,218                  | -  | -                   |
| Others  | 42,265                                       | 42,233                  | -  | -                   |
| <b>Total</b>  | <b><u>2,131,645</u></b>                      | <b><u>2,238,860</u></b> | <b><u>4,530</u></b>                      | <b><u>4,526</u></b> |

*Renewable energy projects*

The Group is developing projects to generate and sell electricity from renewable energy in Australia.

The Group has capitalised project development costs related to renewable energy projects in Australia as other non-current assets. Such projects have received the development approval from local authorities and the management has determined that these projects are technically and commercially feasible, future economic benefits are probable and total present value of the estimated future cash flows will not be lower than the carrying amount.

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**16 Interest-bearing liabilities**

|   | Consolidated<br>financial statements |                   | Separate<br>financial statements |                   |
|---|--------------------------------------|-------------------|----------------------------------|-------------------|
|   | 2022                                 | 2021              | 2022                             | 2021              |
|   | <i>(in thousand Baht)</i>            |                   |                                  |                   |
| <b>Current</b>  |                                      |                   |                                  |                   |
| Short-term loans from financial institutions                      |                                      |                   |                                  |                   |
| -unsecured  | 8,542,976                            | 5,364,896         | -                                | 2,536,000         |
| -secured  | 141,911                              | -                 | -                                | -                 |
| Short-term loan from related party                                | -                                    | -                 | 5,090,000                        | 5,140,000         |
| Current portion of long-term loans<br>from financial institutions |                                      |                   |                                  |                   |
| -unsecured  | 265,600                              | 373,000           | -                                | -                 |
| -secured  | 6,314,360                            | 2,297,533         | -                                | -                 |
| Current portion of lease liabilities                              | 171,563                              | 161,512           | 14,029                           | 15,420            |
| Current portion of debenture-unsecured                            | 999,575                              | 1,999,948         | 999,575                          | -                 |
| <b>Total current interest-bearing liabilities</b>                 | <b>16,435,985</b>                    | <b>10,196,889</b> | <b>6,103,604</b>                 | <b>7,691,420</b>  |
| <b>Non-current</b>  |                                      |                   |                                  |                   |
| Long-term loans from financial institutions                       |                                      |                   |                                  |                   |
| -unsecured  | 26,234,553                           | 5,957,950         | 21,484,188                       | 5,000,000         |
| -secured  | 28,845,611                           | 20,787,239        | -                                | -                 |
| Long-term loan-unsecured  | 346,959                              | 320,000           | -                                | -                 |
| Lease liabilities   | 3,192,981                            | 1,505,423         | 10,636                           | 15,922            |
| Debentures-unsecured  | 23,919,048                           | 22,351,744        | 6,991,871                        | 7,989,734         |
| <b>Total non-current interest-bearing<br/>liabilities</b>         | <b>82,539,152</b>                    | <b>50,922,356</b> | <b>28,486,695</b>                | <b>13,005,656</b> |

Balances of interest-bearing liabilities net of deferred financing fees, excluding lease liabilities as at 31 December 2022 were as follows:

|  | Total facilities                     | Consolidated financial statements  |                                       |                               |
|--|--------------------------------------|------------------------------------|---------------------------------------|-------------------------------|
|  |                                      | Amount<br><i>(in million Baht)</i> | Interest rate<br><i>(% per annum)</i> | Repayment term                |
| <b>Short-term</b>  |                                      |                                    |                                       |                               |
| <b>Loans from financial institutions</b>   |                                      |                                    |                                       |                               |
| Sahacogen (Chonburi) Public<br>Company Limited   | Baht 2,050<br>million                | 150                                | Fixed rate                            | At call                       |
| Sahacogen Green<br>Company Limited   | Baht 165<br>million                  | 25                                 | Fixed rate                            | At call                       |
| Sahagreen Forest<br>Company Limited  | Baht 120<br>million                  | 73                                 | Fixed rate                            | At call                       |
| RH International (Singapore)<br>Corporation Limited  | US Dollars<br>250 million            | 8,295                              | Fixed rate                            | Within a year<br>January 2023 |
| Nexif Ratch Energy Rayong Co., Ltd.<br><i>(subsidiary of RH International<br/>(Singapore) Corporation Limited)</i> | As stipulated<br>in the<br>agreement | 142                                | MLR, minus<br>a fixed<br>margin       | Within a year<br>April 2023   |

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|  | Total facilities               | Consolidated financial statements |  |   |
|--|--------------------------------|-----------------------------------|--|---|
|  |                                | Amount<br>(in million<br>Baht)    | Interest rate<br>(% per annum)                   | Repayment term  |
| <b>Long-term</b>   |                                |                                   |  |   |
| <b>Loans from financial institutions</b>   |                                |                                   |  |   |
| RATCH Group Public Company Limited   | Baht 21,500 million            | 21,500                            | Fixed rate and THOR plus a fixed margin          | Within March and June 2024  |
| RATCH Cogeneration Company Limited   | Baht 4,632 million             | 3,011                             | 3-Month floating rate plus a fixed margin        | Within 12 years during November 2020 to November 2032                                 |
| Sahacogen (Chonburi) Public Company Limited  | Baht 2,205 million             | 585                               | Fixed rate and floating rate plus a fixed margin | Within 7 years during June 2017 to December 2024                                      |
| Sahagreen Forest Company Limited   | Baht 324 million               | 98                                | MLR, minus a fixed margin                        | Within 8 years during June 2017 to December 2025                                      |
| RATCH-Australia Corporation Pty. Ltd.  | Australian Dollars 312 million | 4,466                             | BBSY, plus a fixed margin                        | Within 5 years during October 2018 to May 2023  |
| RATCH-Australia Renewables (Holdings) Pty. Ltd.<br>(subsidiary of RATCH-Australia Corporation Pty. Ltd.) | Australian Dollars 477 million | 10,988                            | BBSY, plus a fixed margin                        | Within 5 years and 7 years during September 2022 to September 2027 and September 2029 |
| RH International (Singapore) Corporation Limited   | US Dollars 150 million         | 4,493                             | Fixed rate                                       | Within 7 years April 2029   |
| LGWF (Finco) Pty. Ltd.<br>(subsidiary of Nexif Energy Holding B.V.)                                      | Australian Dollars 359 million | 7,684                             | BBSY, plus a fixed margin                        | Within 5 years during December 2023 and April 2027                                    |
| Lao Cai Renewable Energy Joint Stock Company<br>(subsidiary of Nexif Energy Holding B.V.)                | US Dollars 23 million          | 334                               | Floating rate                                    | Within 10 years December 2026   |
| Nexif Ratch Energy Rayong Co., Ltd.<br>(subsidiary of RH International (Singapore) Corporation Limited)  | Baht 3,307 million             | 3,278                             | 3-Month BIBOR and 6-Month THBFIX                 | By quarterly within 20 years March 2040   |
| PT Bajradaya Sentranusa<br>(subsidiary of Fareast Renewable Development Pte. Ltd.)                       | US Dollars 188 million         | 6,159                             | LIBOR, plus a fixed margin                       | By quarterly within 15 years during March 2022 to December 2036                       |
| <b>Total</b>   |                                | <b>62,596</b>                     |  |   |
| Less deferred financing fees   |                                | (936)                             |  |   |
| <b>Net</b>   |                                | <b>61,660</b>                     |  |   |

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|  | Total facilities               | Consolidated financial statements |                                |  |
|--|--------------------------------|-----------------------------------|--------------------------------|--|
|  |                                | Amount<br>(in million Baht)       | Interest rate<br>(% per annum) | Repayment term   |
| <i>Less</i> current portion due within one year  |                                | (6,580)                           |                                |  |
| <b>Total non-current - net</b>   |                                | <b>55,080</b>                     |                                |  |
| <b>Long-term</b>   |                                |                                   |                                |  |
| <b>Loans from other parties</b>  |                                |                                   |                                |  |
| Sahacogen (Chonburi) Public Company Limited  | As stipulated in the agreement | 320                               | Fixed rate                     | Within 2026 and 2027   |
| Fareast Renewable Development Pte. Ltd.<br><i>(subsidiary of RH International (Singapore) Corporation Limited)</i> | US Dollars<br>0.78 million     | 27                                | SOFRA plus a fixed margin      | Within 5 years<br>November 2027  |
| <b>Debentures</b>  |                                |                                   |                                |  |
| RATCH Group Public Company Limited   | Baht 8,000 million             | 8,000                             | 1.32 - 2.94                    | Repayment period of 3, 5, 10 and 15 years and will be due for redemption in 2023, 2025, 2030, 2035, respectively |
| RH International (Singapore) Corporation Pte. Ltd.   | US Dollars<br>300 million      | 10,369                            | 4.50                           | Repayment period of 10 years and will be due for redemption in 2028  |
| RH International (Singapore) Corporation Pte. Ltd.   | Japanese Yen<br>15,000 million | 3,930                             | 2.72                           | Repayment period of 15 years and will be due for redemption in 2026  |
| Sahacogen (Chonburi) Public Company Limited  | Baht 2,650 million             | 2,650                             | 3.00 - 4.26                    | Repayment period of 3, 7 and 10 years and will be due for redemption in 2025, 2029, 2032, respectively           |
| <b>Total</b>   |                                | <b>24,949</b>                     |                                |  |
| <i>Less</i> deferred financing fees  |                                | (30)                              |                                |  |
| <b>Net</b>   |                                | <b>24,919</b>                     |                                |  |
| <i>Less</i> current portion due within one year  |                                | (1,000)                           |                                |  |
| <b>Total non-current - net</b>   |                                | <b>23,919</b>                     |                                |  |

**RATCH Group Public Company Limited and its subsidiaries**  
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|   | Total facilities       | Separate financial statements  |  |  |
|---|------------------------|--------------------------------|--|--|
|   |                        | Amount<br>(in million<br>Baht) | Interest rate<br>(% per annum)                   | Repayment term   |
| <b>Short-term</b>                           |                        |                                |  |  |
| <b>Loan from related party</b>              |                        |                                |  |  |
| RATCH Group Public<br>Company Limited       | Baht 10,000<br>million | 5,090                          | Fixed rate                                       | Within 6 months<br>during March<br>2023 to June<br>2023  |
| <b>Long-term</b>                            |                        |                                |  |  |
| <b>Loan from financial institution</b>      |                        |                                |  |  |
| RATCH Group Public<br>Company Limited       | Baht 21,500<br>million | 21,500                         | Fixed rate<br>and THOR<br>plus a fixed<br>margin | Within March and<br>June 2024  |
| Less deferred financing fees                |                        | (16)                           |  |  |
| <b>Net</b>                                  |                        | <b>21,484</b>                  |  |  |
| <b>Debentures</b>                           |                        |                                |  |  |
| RATCH Group Public<br>Company Limited       | Baht 8,000<br>million  | 8,000                          | 1.32 - 2.94                                      | Repayment period<br>of 3,5,10 and 15<br>years and will be<br>due for<br>redemption in<br>2023, 2025, 2030,<br>2035, respectively |
| Less deferred financing fees                |                        | (8)                            |  |  |
| <b>Net</b>                                  |                        | <b>7,992</b>                   |  |  |
| Less current portion due<br>within one year |                        | (1,000)                        |  |  |
| <b>Total non-current - net</b>              |                        | <b>6,992</b>                   |  |  |

As at 31 December 2022, the Group had unutilised credit facilities totalling Baht 32,212 million, US Dollars 180 million and Australian Dollars 114.43 million. (2021: Baht 50,226 million, US Dollars 855 million and Australian Dollars 100 million).

The Group must comply with certain conditions in those agreements including maintaining certain key financial ratios for all long-term loans agreement from financial institutions and long-term debenture of RH International (Singapore) Corporation Pte. Ltd.

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*Changes in liabilities arising from financing activities*

|  | <b>Consolidated financial statements</b> |                          |                         |                          |
|--|--|--------------------------|-------------------------|--------------------------|
|  | Loans                                    | Debentures               | Lease liabilities       | Total                    |
|  | <i>(in thousand Baht)</i>                |                          |                         |                          |
| <b>2022</b>  |  |                          |                         |                          |
| At 1 January   | 35,100,618                               | 24,351,692               | 1,666,935               | 61,119,245               |
| Changes from financing cash flows  | 24,998,700                               | 650,000                  | (187,272)               | 25,461,428               |
| Changes arising from obtaining control of subsidiaries ( <i>see note 4</i> ) | 11,377,931                               | -                        | 1,710,978               | 13,088,909               |
| The effect of changes in foreign exchange rates                              | (355,548)                                | 485,531                  | (140,860)               | (10,877)                 |
| Increase in lease liabilities  | -  | -                        | 310,673                 | 310,673                  |
| Other changes  | (429,730)                                | (568,600)                | 4,089                   | (994,241)                |
| <b>At 31 December</b>  | <b><u>70,691,971</u></b>                 | <b><u>24,918,623</u></b> | <b><u>3,364,543</u></b> | <b><u>98,975,137</u></b> |
| <b>2021</b>  |  |                          |                         |                          |
| At 1 January   | 18,314,367                               | 23,338,357               | 1,480,648               | 43,133,372               |
| Changes from financing cash flows  | 7,739,646                                | -                        | (159,382)               | 7,580,264                |
| Changes arising from obtaining control of subsidiaries                       | 8,062,230                                | -                        | 144,336                 | 8,206,566                |
| The effect of changes in foreign exchange rates                              | 1,229,583                                | 1,475,609                | 78,113                  | 2,783,305                |
| Increase in lease liabilities  | -  | -                        | 119,180                 | 119,180                  |
| Other changes  | (245,208)                                | (462,274)                | 4,040                   | (703,442)                |
| <b>At 31 December</b>  | <b><u>35,100,618</u></b>                 | <b><u>24,351,692</u></b> | <b><u>1,666,935</u></b> | <b><u>61,119,245</u></b> |
|  | <b>Separate financial statements</b>     |                          |                         |                          |
|  | Loans                                    | Debentures               | Lease liabilities       | Total                    |
|  | <i>(in thousand Baht)</i>                |                          |                         |                          |
| <b>2022</b>  |  |                          |                         |                          |
| At 1 January   | 12,676,000                               | 7,989,734                | 31,342                  | 20,697,076               |
| Changes from financing cash flows  | 13,914,000                               | -                        | (17,762)                | 13,896,238               |
| Increase in lease liabilities  | -  | -                        | 9,496                   | 9,496                    |
| Other changes  | (15,812)                                 | 1,712                    | 1,589                   | (12,511)                 |
| <b>At 31 December</b>  | <b><u>26,574,188</u></b>                 | <b><u>7,991,446</u></b>  | <b><u>24,665</u></b>    | <b><u>34,590,299</u></b> |
| <b>2021</b>  |  |                          |                         |                          |
| At 1 January   | 3,465,000                                | 7,987,986                | 42,884                  | 11,495,870               |
| Changes from financing cash flows  | 9,211,000                                | -                        | (18,792)                | 9,192,208                |
| Increase in lease liabilities  | -  | -                        | 5,008                   | 5,008                    |
| Other changes  | -  | 1,748                    | 2,242                   | 3,990                    |
| <b>At 31 December</b>  | <b><u>12,676,000</u></b>                 | <b><u>7,989,734</u></b>  | <b><u>31,342</u></b>    | <b><u>20,697,076</u></b> |

**17 Non-current provisions for employee benefits**

*Defined benefit plan*

The Group and the Company operate a defined benefit plan based on the requirement of Thai Labor 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, currency risk, interest rate risk and market (investment) risk.



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| <i>Effect to the defined benefit obligation</i> | <b>Consolidated<br/>financial statements</b> |          | <b>Separate<br/>financial statements</b> |          |
|---|--|----------|--|----------|
|   | Increase                                     | Decrease | Increase                                 | Decrease |
|   | <i>(in thousand Baht)</i>                    |          |  |          |
| <b>At 31 December 2021</b>                      |  |          |  |          |
| Discount rate (1% movement)                     | (22,913)                                     | 26,838   | (18,459)                                 | 21,446   |
| Future salary growth (1% movement)              | 25,624                                       | (22,333) | 20,410                                   | (17,936) |
| Employee turnover (20% movement)                | (5,414)                                      | 5,754    | (3,968)                                  | 4,161    |
| Improving mortality rate (1% movement)          | 939  | (1,069)  | 725                                      | (817)    |

**18 Share capital**

|                                  | Par value<br>per share<br><i>(in Baht)</i> | 2022                                       |                   | 2021             |                   |
|----------------------------------|--|--|-------------------|------------------|-------------------|
|                                  |  | Number                                     | Baht              | Number           | Baht              |
|                                  |  | <i>(thousand shares /in thousand Baht)</i> |                   |                  |                   |
| <b>Authorised shares</b>         |  |  |                   |                  |                   |
| At 1 January                     |  |  |                   |                  |                   |
| - ordinary shares                | 10   | 1,450,000                                  | 14,500,000        | 1,450,000        | 14,500,000        |
| Issue of new shares              | 10   | 769,231                                    | 7,692,308         | -                | -                 |
| <b>At 31 December</b>            |  |  |                   |                  |                   |
| <b>- ordinary shares</b>         | 10   | <b>2,219,231</b>                           | <b>22,192,308</b> | <b>1,450,000</b> | <b>14,500,000</b> |
| <b>Issued and paid-up shares</b> |  |  |                   |                  |                   |
| At 1 January                     |  |  |                   |                  |                   |
| - ordinary shares                | 10   | 1,450,000                                  | 14,500,000        | 1,450,000        | 14,500,000        |
| Increase of new shares           | 10   | 725,000                                    | 7,250,000         | -                | -                 |
| <b>At 31 December</b>            |  |  |                   |                  |                   |
| <b>- ordinary shares</b>         | 10   | <b>2,175,000</b>                           | <b>21,750,000</b> | <b>1,450,000</b> | <b>14,500,000</b> |

At the Annual General Meeting of the shareholders of the Company held on 27 April 2022, the shareholders approved the increase of the registered capital of the Company from Baht 14,500.00 million to Baht 22,192.31 million by issuing new ordinary shares in the amount of 769.23 million shares at par value of Baht 10 each, totalling Baht 7,692.31 million for issuing and offering the shares in proportion to the shareholding of existing shareholders, exclude shareholders whose holding would subject the Company to obligations under the law of other jurisdictions. On 12 May 2022, the Company considered and determined the final offering price at Baht 34.48 per share, number of the final offered shares of 725.00 million shares, and the final offering ratio per share at 2 existing ordinary shares to 1 new ordinary share. The Company registered the change in the paid-up capital increase from this issuance and offering of new ordinary shares with the Ministry of Commerce on 22 June 2022.

**19 Share premium and legal reserves**

*Share premium*

Section 51 of the Public Limited Companies Act B.E. 2535 (1992) 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.

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*Legal reserve*

Section 116 of the Public Limited Companies Act B.E. 2535 (1992) 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.

**20 Segment information and disaggregation of revenue**

Management determined that the Group has 4 reportable segments which are the Group’s strategic divisions for different products and services, and are managed separately. The following summary describes the operations in each of the Group’s reportable segments.

|           |                                     |
|-----------|-------------------------------------|
| Segment 1 | Domestic Electricity Generating     |
| Segment 2 | Renewable Energy                    |
| Segment 3 | International Power Projects        |
| Segment 4 | Related business and Infrastructure |

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*Information about reportable segments*

| <i>For the year ended 31 December</i>   | <b>Consolidated financial statements</b> |                         |                         |                       |                                     |                         |  |                         |                         |                         |
|---|--|-------------------------|-------------------------|-----------------------|-------------------------------------|-------------------------|--|-------------------------|-------------------------|-------------------------|
|   | <b>Domestic Electricity Generating</b>   |                         | <b>Renewable Energy</b> |                       | <b>International Power Projects</b> |                         | <b>Related business and Infrastructure</b> |                         | <b>Total</b>            |                         |
|   | 2022                                     | 2021                    | 2022                    | 2021                  | 2022                                | 2021                    | 2022                                       | 2021                    | 2022                    | 2021                    |
|   | <i>(in thousand Baht)</i>                |                         |                         |                       |                                     |                         |  |                         |                         |                         |
| Revenue from sales and rendering of services  | 66,685,225                               | 31,451,164              | -                       | -                     | 5,196,804                           | 3,780,316               | -  | -                       | 71,882,029              | 35,231,480              |
| Revenue from lease contracts  | 1,536,339                                | 1,953,582               | -                       | -                     | 1,306,852                           | 141,715                 | -  | -                       | 2,843,191               | 2,095,297               |
| Cost of sales and rendering of services   | <u>(66,775,782)</u>                      | <u>(30,908,059)</u>     | <u>-</u>                | <u>-</u>              | <u>(2,510,814)</u>                  | <u>(2,208,439)</u>      | <u>-</u>                                   | <u>-</u>                | <u>(69,286,596)</u>     | <u>(33,116,498)</u>     |
| <b>Gross profit</b>   | <b>1,445,782</b>                         | <b>2,496,687</b>        | <b>-</b>                | <b>-</b>              | <b>3,992,842</b>                    | <b>1,713,592</b>        | <b>-</b>                                   | <b>-</b>                | <b>5,438,624</b>        | <b>4,210,279</b>        |
| Management service income   | -  | -                       | -                       | -                     | 2,795                               | 1,453                   | 272,650                                    | 222,852                 | 275,445                 | 224,305                 |
| Interest income   | 39,487                                   | 46,114                  | 111                     | 52                    | 328,667                             | 114,060                 | 131,348                                    | 45,128                  | 499,613                 | 205,354                 |
| Dividend income   | 190                                      | -                       | -                       | -                     | 24,005                              | 56,323                  | 2,319                                      | 2,507                   | 26,514                  | 58,830                  |
| Net gain on bargain purchase arising from the acquisition - restate                       | -  | 49,365                  | -                       | -                     | -                                   | 177,667                 | -  | -                       | -                       | 227,032                 |
| Other income  | 121,947                                  | 264,302                 | 74                      | 68                    | 67,159                              | 119,753                 | 19,875                                     | 13,830                  | 209,055                 | 397,953                 |
| Gain on change in proportion of investment in joint venture                               | -  | -                       | -                       | -                     | -                                   | -                       | 661,080                                    | -                       | 661,080                 | -                       |
| Administrative expenses - restate   | (457,221)                                | (232,424)               | (222)                   | (75)                  | (1,256,375)                         | (605,620)               | (1,064,883)                                | (869,676)               | (2,778,701)             | (1,707,795)             |
| Net foreign exchange gain (loss)  | 8,166                                    | 6,584                   | -                       | -                     | (84,592)                            | 105,470                 | 46,294                                     | 94,236                  | (30,132)                | 206,290                 |
| Gain (loss) on fair value adjustment of derivatives                                       | (773)                                    | 22,239                  | -                       | -                     | (101,685)                           | 121,267                 | -  | -                       | (102,458)               | 143,506                 |
| Finance costs   | (198,334)                                | (169,747)               | -                       | -                     | (2,477,555)                         | (1,470,767)             | (300,779)                                  | (227,555)               | (2,976,668)             | (1,868,069)             |
| Share of profit (loss) of joint ventures and associates accounted for using equity method | <u>489,149</u>                           | <u>640,139</u>          | <u>222,353</u>          | <u>337,259</u>        | <u>4,722,415</u>                    | <u>5,004,872</u>        | <u>(42,760)</u>                            | <u>(79,869)</u>         | <u>5,391,157</u>        | <u>5,902,401</u>        |
| <b>Profit (loss) before income tax expense</b>  | <b>1,448,393</b>                         | <b>3,123,259</b>        | <b>222,316</b>          | <b>337,304</b>        | <b>5,217,676</b>                    | <b>5,338,070</b>        | <b>(274,856)</b>                           | <b>(798,547)</b>        | <b>6,613,529</b>        | <b>8,000,086</b>        |
| Tax (expense) income - restate  | (163,760)                                | (93,882)                | -                       | -                     | (777,824)                           | (82,246)                | 4,240                                      | (1,045)                 | (937,344)               | (177,173)               |
| <b>Profit (loss) for the year</b>   | <b><u>1,284,633</u></b>                  | <b><u>3,029,377</u></b> | <b><u>222,316</u></b>   | <b><u>337,304</u></b> | <b><u>4,439,852</u></b>             | <b><u>5,255,824</u></b> | <b><u>(270,616)</u></b>                    | <b><u>(799,592)</u></b> | <b><u>5,676,185</u></b> | <b><u>7,822,913</u></b> |

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

| <i>For the year ended 31 December</i>   | <b>Consolidated financial statements</b>   |                   |                         |          |   |                  |  |          |                   |                   |
|---|--|-------------------|-------------------------|----------|---|------------------|--|----------|-------------------|-------------------|
|   | <b>Domestic Electricity<br/>Generating</b> |                   | <b>Renewable Energy</b> |          | <b>International Power<br/>Projects</b> |                  | <b>Related business and<br/>Infrastructure</b> |          | <b>Total</b>      |                   |
|   | 2022                                       | 2021              | 2022                    | 2021     | 2022                                    | 2021             | 2022   | 2021     | 2022              | 2021              |
|   | <i>(in thousand Baht)</i>                  |                   |                         |          |   |                  |  |          |                   |                   |
| <b>Disaggregation of revenue</b>        |  |                   |                         |          |   |                  |  |          |                   |                   |
| <b>Primary geographical markets</b>     |  |                   |                         |          |   |                  |  |          |                   |                   |
| Thailand                                | 66,685,225                                 | 31,451,164        | -                       | -        | -                                       | -                | -  | -        | 66,685,225        | 31,451,164        |
| Australia                               | -  | -                 | -                       | -        | 5,092,560                               | 3,711,055        | -  | -        | 5,092,560         | 3,711,055         |
| Other countries                         | -  | -                 | -                       | -        | 104,244                                 | 69,261           | -  | -        | 104,244           | 69,261            |
| <b>Total</b>                            | <b>66,685,225</b>                          | <b>31,451,164</b> | <b>-</b>                | <b>-</b> | <b>5,196,804</b>                        | <b>3,780,316</b> | <b>-</b>                                       | <b>-</b> | <b>71,882,029</b> | <b>35,231,480</b> |
| <b>Major products and service lines</b> |  |                   |                         |          |   |                  |  |          |                   |                   |
| Products                                | 66,671,217                                 | 31,447,918        | -                       | -        | 5,092,560                               | 3,711,055        | -  | -        | 71,763,777        | 35,158,973        |
| Services                                | 14,008                                     | 3,246             | -                       | -        | 104,244                                 | 69,261           | -  | -        | 118,252           | 72,507            |
| <b>Total</b>                            | <b>66,685,225</b>                          | <b>31,451,164</b> | <b>-</b>                | <b>-</b> | <b>5,196,804</b>                        | <b>3,780,316</b> | <b>-</b>                                       | <b>-</b> | <b>71,882,029</b> | <b>35,231,480</b> |
| <b>Timing of revenue recognition</b>    |  |                   |                         |          |   |                  |  |          |                   |                   |
| At a point in time                      | 66,671,217                                 | 31,447,918        | -                       | -        | 5,092,560                               | 3,711,055        | -  | -        | 71,763,777        | 35,158,973        |
| Over time                               | 14,008                                     | 3,246             | -                       | -        | 104,244                                 | 69,261           | -  | -        | 118,252           | 72,507            |
| <b>Total</b>                            | <b>66,685,225</b>                          | <b>31,451,164</b> | <b>-</b>                | <b>-</b> | <b>5,196,804</b>                        | <b>3,780,316</b> | <b>-</b>                                       | <b>-</b> | <b>71,882,029</b> | <b>35,231,480</b> |

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

(a) *Geographical segments*

Segment assets are based on the geographical location of the assets.

**Geographical information**

|                       | <b>Assets</b>             |                           |
|-----------------------|---------------------------|---------------------------|
|                       | 2022                      | 2021<br>(Restate)         |
|                       | <i>(in thousand Baht)</i> |                           |
| Thailand              | 81,570,176                | 70,621,692                |
| Australia             | 50,882,751                | 34,072,151                |
| Singapore             | 36,443,443                | 10,318,143                |
| Republic of Indonesia | 20,586,871                | 19,142,599                |
| Other countries       | 40,095,040                | 22,860,877                |
| <b>Total</b>          | <b><u>229,578,281</u></b> | <b><u>157,015,462</u></b> |

(b) *Major customer*

Revenues from one customer of the Group's segment 1 represent approximately Baht 63,688 million (2021: Baht 31,015 million) of the Group's total revenue.

**21 Expenses by nature**

|  | <b>Consolidated</b>         |                          | <b>Separate</b>             |                       |
|--|-----------------------------|--------------------------|-----------------------------|-----------------------|
|  | <b>financial statements</b> |                          | <b>financial statements</b> |                       |
|  | 2022                        | 2021<br>(Restated)       | 2022                        | 2021                  |
|  | <i>(in thousand Baht)</i>   |                          |                             |                       |
| Fuel costs   | 61,413,367                  | 26,892,610               | -                           | -                     |
| Depreciation and amortisation  | 3,088,934                   | 2,110,433                | 33,696                      | 36,734                |
| Operation and maintenance service fees   | 2,040,369                   | 1,675,259                | -                           | -                     |
| Repair expenses and spare parts used   | 1,307,800                   | 1,354,976                | -                           | -                     |
| Employee benefit expenses  | 941,275                     | 707,117                  | 557,590                     | 453,565               |
| General administrative expenses  | 848,572                     | 407,769                  | 232,644                     | 167,964               |
| Insurance premium for power plants   | 592,228                     | 440,098                  | -                           | -                     |
| Consultant fees  | 713,372                     | 297,706                  | 236,335                     | 197,218               |
| Impairment losses of assets  | -                           | 82,181                   | -                           | -                     |
| Public relation expenses   | 52,771                      | 44,855                   | 17,827                      | 23,138                |
| Others   | 1,066,609                   | 811,289                  | -                           | -                     |
| <b>Total cost of sales and rendering of services and administrative expenses</b> | <b><u>72,065,297</u></b>    | <b><u>34,824,293</u></b> | <b><u>1,078,092</u></b>     | <b><u>878,619</u></b> |

**22 Income tax**

|  | <b>Consolidated</b>         |                       | <b>Separate</b>             |                 |
|--|-----------------------------|-----------------------|-----------------------------|-----------------|
|  | <b>financial statements</b> |                       | <b>financial statements</b> |                 |
|  | 2022                        | 2021<br>(Restated)    | 2022                        | 2021            |
|  | <i>(in thousand Baht)</i>   |                       |                             |                 |
| <b>Income tax recognised in profit or loss</b> |                             |                       |                             |                 |
| <b>Current tax expense</b>                     |                             |                       |                             |                 |
| Current year                                   | 661,757                     | 211,328               | -                           | -               |
| Under (over) provided in prior years           | 260                         | (52)                  | -                           | -               |
|  | <b><u>662,017</u></b>       | <b><u>211,276</u></b> | <b><u>-</u></b>             | <b><u>-</u></b> |

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

| <i>Income tax recognised in profit or loss</i> | <b>Consolidated<br/>financial statements</b> |                    | <b>Separate<br/>financial statements</b> |              |
|--|--|--------------------|--|--------------|
|  | 2022   | 2021<br>(Restated) | 2022                                     | 2021         |
| <b>Deferred tax expense</b>                    |  |                    |  |              |
| Movements in temporary differences             | 275,327                                      | (34,103)           | (6,888)                                  | (751)        |
| <b>Total income tax expense (income)</b>       | <b>937,344</b>                               | <b>177,173</b>     | <b>(6,888)</b>                           | <b>(751)</b> |

|   | <b>Consolidated financial statements</b> |                        |                  |                       |                        |                |
|---|--|------------------------|------------------|-----------------------|------------------------|----------------|
|   | 2022<br>Before<br>tax                    | 2022<br>Tax<br>expense | Net of<br>tax    | 2021<br>Before<br>tax | 2021<br>Tax<br>benefit | Net of<br>tax  |
| <i>Income tax</i>   |  |                        |                  |                       |                        |                |
| <b>Recognised in other<br/>comprehensive income</b>   |  |                        |                  |                       |                        |                |
| Financial assets measured<br>at fair value through<br>other comprehensive<br>income (expense) | (32,328)                                 | (80,559)               | (112,887)        | 123,540               | (52,963)               | 70,577         |
| Derivatives   | (210,511)                                | (207,019)              | (417,530)        | 613,256               | (11,614)               | 601,642        |
| Defined benefit plan<br>actuarial gain  | 3,490                                    | (328)                  | 3,162            | 6,123                 | (1,224)                | 4,899          |
| <b>Total</b>  | <b>(239,349)</b>                         | <b>(287,906)</b>       | <b>(527,255)</b> | <b>742,919</b>        | <b>(65,801)</b>        | <b>677,118</b> |

|   | <b>Separate financial statements</b> |                        |                |                       |                        |                |
|---|--------------------------------------|------------------------|----------------|-----------------------|------------------------|----------------|
|   | 2022<br>Before<br>tax                | 2022<br>Tax<br>expense | Net of<br>tax  | 2021<br>Before<br>tax | 2021<br>Tax<br>benefit | Net of<br>tax  |
| <i>Income tax</i>   |                                      |                        |                |                       |                        |                |
| <b>Recognised in other<br/>comprehensive income</b>                                 |                                      |                        |                |                       |                        |                |
| Financial assets measured<br>at fair value through<br>other comprehensive<br>income | 401,871                              | (80,374)               | 321,497        | 264,813               | (52,963)               | 211,850        |
| Defined benefit plan<br>actuarial gain  | -                                    | -                      | -              | 3,318                 | (663)                  | 2,655          |
| <b>Total</b>  | <b>401,871</b>                       | <b>(80,374)</b>        | <b>321,497</b> | <b>268,131</b>        | <b>(53,626)</b>        | <b>214,505</b> |

| <i>Reconciliation of effective tax rate</i>                           | <b>Consolidated financial statements</b> |                               |                     |                               |
|---|--|-------------------------------|---------------------|-------------------------------|
|   | 2022<br>Rate<br>(%)                      | 2022<br>(in thousand<br>Baht) | 2021<br>Rate<br>(%) | 2021<br>(in thousand<br>Baht) |
| Profit before income tax expense                                      |  | 6,613,529                     |                     | 8,000,086                     |
| Share of profit of joint ventures and associates                      |  | (5,391,157)                   |                     | (5,902,401)                   |
|   |  | <u>1,222,372</u>              |                     | <u>2,097,685</u>              |
| Income tax using the Thai corporation tax rate                        | 20                                       | 244,474                       | 20                  | 419,537                       |
| Effect of different tax rates in foreign jurisdictions                |  | 348,724                       |                     | 200,291                       |
| Income not subject to tax   |  | (357,367)                     |                     | (354,251)                     |
| Recognition of previously unrecognised tax losses                     |  | -                             |                     | (109,313)                     |
| Current year losses for which no deferred tax asset<br>was recognised |  | 119,706                       |                     | 85,768                        |

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

*Reconciliation of effective tax rate*

|  | <b>Consolidated financial statements</b> |                           |                 |                           |
|--|--|---------------------------|-----------------|---------------------------|
|  | 2022                                     |                           | 2021            |                           |
|  | <i>Rate (%)</i>                          | <i>(in thousand Baht)</i> | <i>Rate (%)</i> | <i>(in thousand Baht)</i> |
| Expenses deductible at a greater amount  |  | (3,285)                   |                 | (213,649)                 |
| Expenses not deductible for tax purposes |  | 624,671                   |                 | 174,019                   |
| Under (over) provided in prior years     |  | 260                       |                 | (52)                      |
| Others                                   |  | (39,839)                  |                 | (25,177)                  |
| <b>Income tax expense</b>                | <b>14.17</b>                             | <b>937,344</b>            | <b>2.21</b>     | <b>177,173</b>            |

|  | <b>Separate financial statements</b> |                           |                 |                           |
|--|--------------------------------------|---------------------------|-----------------|---------------------------|
|  | 2022                                 |                           | 2021            |                           |
|  | <i>Rate (%)</i>                      | <i>(in thousand Baht)</i> | <i>Rate (%)</i> | <i>(in thousand Baht)</i> |
| Profit before income tax expense   |                                      | 1,896,571                 |                 | 3,139,342                 |
| Income tax using the Thai corporation tax rate   | 20                                   | 379,314                   | 20              | 627,868                   |
| Income not subject to tax-dividend income  |                                      | (496,881)                 |                 | (705,865)                 |
| Effect from expense not deductible for tax purposes and income and expenses recognised in the different periods between accounting and tax |                                      | (1,457)                   |                 | (67)                      |
| Current year losses for which no deferred tax asset was recognised   |                                      | 112,136                   |                 | 77,313                    |
| <b>Total</b>   | <b>(0.36)</b>                        | <b>(6,888)</b>            | <b>(0.02)</b>   | <b>(751)</b>              |

| <i>Deferred tax</i><br><i>At 31 December</i> | <b>Consolidated financial statements</b> |               |                    |                    |
|--|--|---------------|--------------------|--------------------|
|  | <b>Assets</b>                            |               | <b>Liabilities</b> |                    |
|  | 2022                                     | 2021          | 2022               | 2021               |
|  | <i>(in thousand Baht)</i>                |               |                    |                    |
| Total  | 4,459,448                                | 4,771,046     | (10,066,749)       | (9,504,553)        |
| Set off of tax                               | (4,459,448)                              | (4,673,374)   | 4,459,448          | 4,673,374          |
| <b>Net deferred tax assets (liabilities)</b> | <b>-</b>                                 | <b>97,672</b> | <b>(5,607,301)</b> | <b>(4,831,179)</b> |

| <i>Deferred tax</i><br><i>At 31 December</i> | <b>Separate financial statements</b> |          |                    |                |
|--|--------------------------------------|----------|--------------------|----------------|
|  | <b>Assets</b>                        |          | <b>Liabilities</b> |                |
|  | 2022                                 | 2021     | 2022               | 2021           |
|  | <i>(in thousand Baht)</i>            |          |                    |                |
| Total  | 60,955                               | 55,350   | (138,021)          | (58,930)       |
| Set off of tax                               | (60,955)                             | (55,350) | 60,955             | 55,350         |
| <b>Net deferred tax liabilities</b>          | <b>-</b>                             | <b>-</b> | <b>(77,066)</b>    | <b>(3,580)</b> |

| <i>Deferred tax</i>                                     | <b>Consolidated financial statements</b> |                       |                                   |                             |   | <b>At 31 December</b> |
|---|--|-----------------------|-----------------------------------|-----------------------------|---|-----------------------|
|   | <b>(Charged) / Credited to:</b>          |                       |                                   |                             |   |                       |
|   | <b>At 1 January</b>                      | <b>Profit or loss</b> | <b>Other comprehensive income</b> | <b>Exchange differences</b> | <b>Acquire through business combination</b> |                       |
|   | <i>(in thousand Baht)</i>                |                       |                                   |                             |   |                       |
| <b>2022</b>   |  |                       |                                   |                             |   |                       |
| <i>Deferred tax assets</i>                              |  |                       |                                   |                             |   |                       |
| Property, plant and equipment                           | 3,895,726                                | (564,666)             | -                                 | 14,111                      | -   | 3,345,171             |
| Lease receivable  | 28,680                                   | -                     | -                                 | 980                         | -   | 29,660                |
| Allowance for expected credit loss for financial assets | 1,916                                    | 977                   | -                                 | -                           | -   | 2,893                 |

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

| <b>Consolidated financial statements</b>   |                           |                         |   |                         |   |                            |
|--|---------------------------|-------------------------|---|-------------------------|---|----------------------------|
| <u>(Charged) / Credited to:</u>  |                           |                         |   |                         |   |                            |
| <i>Deferred tax</i>  | <b>At 1<br/>January</b>   | Profit or<br>loss       | Other<br>comprehensive<br>income<br><i>(in thousand Baht)</i> | Exchange<br>differences | Acquire<br>through<br>business<br>combination | <b>At 31<br/>December</b>  |
| <b>Deferred tax assets</b>   |                           |                         |   |                         |   |                            |
| Allowance of spare parts and supplies  | 224,462                   | 12,814                  | -   | (1,385)                 | -   | 235,891                    |
| Leases liabilities   | 13,907                    | (983)                   | -   | 101                     | 33,397  | 46,422                     |
| Derivatives  | 37,401                    | -                       | (207,204)   | 2,181                   | 428,421                                       | 260,799                    |
| Provisions for employee benefits   | 50,914                    | 3,605                   | (258)   | -                       | -   | 54,261                     |
| Loss carry forward   | 249,895                   | (49,863)                | -   | (4,879)                 | 130,049                                       | 325,202                    |
| Others   | 268,145                   | (95,730)                | (69)  | 4,333                   | (17,530)                                      | 159,149                    |
| <b>Total</b>   | <b><u>4,771,046</u></b>   | <b><u>(693,846)</u></b> | <b><u>(207,531)</u></b>                                       | <b><u>15,442</u></b>    | <b><u>574,337</u></b>                         | <b><u>4,459,448</u></b>    |
| <b>Deferred tax liabilities</b>  |                           |                         |   |                         |   |                            |
| Property, plant and equipment  | (2,367,245)               | 14,773                  | -   | 73,969                  | (129,035)                                     | (2,407,538)                |
| Right-of use assets  | (8,877)                   | 817                     | -   | (248)                   | -   | (8,308)                    |
| Intangible assets  | (823,534)                 | 11,005                  | -   | -                       | (379,809)                                     | (1,192,338)                |
| Lease receivable   | (5,825,952)               | 431,453                 | -   | (128,667)               | -   | (5,523,166)                |
| Derivatives  | (167)                     | 167                     | -   | -                       | (51,621)                                      | (51,621)                   |
| Financial assets measured at fair value through other comprehensive income (expense) | (52,963)                  | -                       | (80,374)  | -                       | -   | (133,337)                  |
| Others   | (425,815)                 | (39,696)                | -   | 15,192                  | (300,122)                                     | (750,441)                  |
| <b>Total</b>   | <b><u>(9,504,553)</u></b> | <b><u>418,519</u></b>   | <b><u>(80,374)</u></b>  | <b><u>(39,754)</u></b>  | <b><u>(860,587)</u></b>                       | <b><u>(10,066,749)</u></b> |
| <b>Net</b>   | <b><u>(4,733,507)</u></b> | <b><u>(275,327)</u></b> | <b><u>(287,905)</u></b>                                       | <b><u>(24,312)</u></b>  | <b><u>(286,250)</u></b>                       | <b><u>(5,607,301)</u></b>  |

| <b>Consolidated financial statements</b>                |                         |                         |   |                         |   |                           |
|---|-------------------------|-------------------------|---|-------------------------|---|---------------------------|
| <u>(Charged) / Credited to:</u>                         |                         |                         |   |                         |   |                           |
| <i>Deferred tax</i>                                     | <b>At 1<br/>January</b> | Profit or<br>loss       | Other<br>comprehensive<br>income<br><i>(in thousand Baht)</i> | Exchange<br>differences | Acquire<br>through<br>business<br>combination | <b>At 31<br/>December</b> |
| <b>2021</b>   |                         |                         |   |                         |   |                           |
| <b>Deferred tax assets</b>                              |                         |                         |   |                         |   |                           |
| Property, plant and equipment                           | 2,922,668               | (406,968)               | -   | 70,182                  | 1,309,844                                     | 3,895,726                 |
| Lease receivable  | -                       | -                       | -   | 689                     | 27,991  | 28,680                    |
| Allowance for expected credit loss for financial assets | 3,854                   | (1,938)                 | -   | -                       | -   | 1,916                     |
| Allowance for spare parts and supplies                  | 229,926                 | (7,500)                 | -   | 2,036                   | -   | 224,462                   |
| Leases liabilities                                      | 13,847                  | (2,900)                 | -   | 70                      | 2,890   | 13,907                    |
| Derivatives   | 8,343                   | -                       | (11,614)  | 815                     | 39,857  | 37,401                    |
| Provisions for employee benefits                        | 45,979                  | 58                      | (1,224)   | -                       | 6,101   | 50,914                    |
| Loss carry forward                                      | 373,558                 | (142,266)               | -   | 18,603                  | -   | 249,895                   |
| Others  | 102,356                 | 3,116                   | -   | 9,265                   | 153,408                                       | 268,145                   |
| <b>Total</b>  | <b><u>3,700,531</u></b> | <b><u>(558,398)</u></b> | <b><u>(12,838)</u></b>  | <b><u>101,660</u></b>   | <b><u>1,540,091</u></b>                       | <b><u>4,771,046</u></b>   |

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

| <b>Consolidated financial statements</b>   |                           |                       |   |                         |   |                           |
|--|---------------------------|-----------------------|---|-------------------------|---|---------------------------|
| (Charged) / Credited to:   |                           |                       |   |                         |   |                           |
| <i>Deferred tax</i>  | <b>At 1<br/>January</b>   | Profit or<br>loss     | Other<br>comprehensive<br>income<br><i>(in thousand Baht)</i> | Exchange<br>differences | Acquire<br>through<br>business<br>combination | <b>At 31<br/>December</b> |
| <b>Deferred tax liabilities</b>  |                           |                       |   |                         |   |                           |
| Property, plant and equipment  | (2,222,546)               | 27,766                | -   | (119,028)               | (53,437)                                      | (2,367,245)               |
| Right-of use assets  | (9,119)                   | 2,949                 | -   | 165                     | (2,872)                                       | (8,877)                   |
| Intangible assets  | (196,221)                 | 11,005                | -   | -                       | (638,318)                                     | (823,534)                 |
| Lease receivable   | (2,627,864)               | 518,772               | -   | (89,246)                | (3,627,614)                                   | (5,825,952)               |
| Derivatives  | (1,164)                   | 997                   | -   | -                       | -   | (167)                     |
| Financial assets measured at fair value through other comprehensive income (expense) | -                         | -                     | (52,963)  | -                       | -   | (52,963)                  |
| Others   | (432,966)                 | 30,130                | -   | (22,979)                | -   | (425,815)                 |
| <b>Total</b>   | <b><u>(5,489,880)</u></b> | <b><u>591,619</u></b> | <b><u>(52,963)</u></b>  | <b><u>(231,088)</u></b> | <b><u>(4,322,241)</u></b>                     | <b><u>(9,504,553)</u></b> |
| <b>Net</b>   | <b><u>(1,789,349)</u></b> | <b><u>33,221</u></b>  | <b><u>(65,801)</u></b>  | <b><u>(129,428)</u></b> | <b><u>(2,782,150)</u></b>                     | <b><u>(4,733,507)</u></b> |

| <b>Separate financial statements</b>   |                         |                      |  |                                  |                           |
|--|-------------------------|----------------------|--|----------------------------------|---------------------------|
| (Charged) / Credited to:   |                         |                      |  |                                  |                           |
| <i>Deferred tax</i>  | <b>At 1<br/>January</b> | Retained<br>earnings | Profit or<br>loss<br><i>(in thousand Baht)</i> | Other<br>comprehensive<br>income | <b>At 31<br/>December</b> |
| <b>2022</b>  |                         |                      |  |                                  |                           |
| <b>Deferred tax assets</b>   |                         |                      |  |                                  |                           |
| Allowance for expected credit loss for financial assets                              | 10,494                  | -                    | 3,636  | -                                | 14,130                    |
| Lease liabilities  | 6,269                   | -                    | (1,335)  | -                                | 4,934                     |
| Provisions for employee benefits   | 38,587                  | -                    | 3,304  | -                                | 41,891                    |
| <b>Total</b>   | <b><u>55,350</u></b>    | <b><u>-</u></b>      | <b><u>5,605</u></b>                            | <b><u>-</u></b>                  | <b><u>60,955</u></b>      |
| <b>Deferred tax liabilities</b>  |                         |                      |  |                                  |                           |
| Right-of use assets  | (5,967)                 | -                    | 1,283  | -                                | (4,684)                   |
| Financial assets measured at fair value through other comprehensive income (expense) | (52,963)                | -                    | -  | (80,374)                         | (133,337)                 |
| <b>Total</b>   | <b><u>(58,930)</u></b>  | <b><u>-</u></b>      | <b><u>1,283</u></b>                            | <b><u>(80,374)</u></b>           | <b><u>(138,021)</u></b>   |
| <b>Net</b>   | <b><u>(3,580)</u></b>   | <b><u>-</u></b>      | <b><u>6,888</u></b>                            | <b><u>(80,374)</u></b>           | <b><u>(77,066)</u></b>    |
| <b>2021</b>  |                         |                      |  |                                  |                           |
| <b>Deferred tax assets</b>   |                         |                      |  |                                  |                           |
| Allowance for expected credit loss for financial assets                              | 10,501                  | -                    | (7)  | -                                | 10,494                    |
| Lease liabilities  | 8,577                   | -                    | (2,308)  | -                                | 6,269                     |
| Provisions for employee benefits   | 38,561                  | -                    | 689  | (663)                            | 38,587                    |
| <b>Total</b>   | <b><u>57,639</u></b>    | <b><u>-</u></b>      | <b><u>(1,626)</u></b>                          | <b><u>(663)</u></b>              | <b><u>55,350</u></b>      |

**RATCH Group Public Company Limited and its subsidiaries**  
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|  | <b>Separate financial statements</b><br>(Charged) / Credited to: |  |  |                                  | <b>At 31<br/>December</b> |
|--|--|--|--|----------------------------------|---------------------------|
|  | <b>At 1<br/>January</b>  | Retained<br>earnings                     | Profit or<br>loss<br><i>(in thousand Baht)</i> | Other<br>comprehensive<br>income |                           |
| <i>Deferred tax</i>  |  |  |  |                                  |                           |
| <i>Deferred tax liabilities</i>  |  |  |  |                                  |                           |
| Right-of use assets  | (8,344)  | -  | 2,377  | -                                | (5,967)                   |
| Financial assets measured at<br>fair value through other<br>comprehensive income (expense) | -  | -  | -  | (52,963)                         | (52,963)                  |
| <b>Total</b>   | <b>(8,344)</b>   | <b>-</b>                                 | <b>2,377</b>                                   | <b>(52,963)</b>                  | <b>(58,930)</b>           |
| <b>Net</b>   | <b>49,295</b>  | <b>-</b>                                 | <b>751</b>                                     | <b>(53,626)</b>                  | <b>(3,580)</b>            |
|  | <b>Consolidated financial<br/>statements</b>                     | <b>Separate financial<br/>Statements</b> |  |                                  |                           |
| <i>Unrecognised deferred tax assets</i>  | 2022   | 2021                                     | 2022   | 2021                             |                           |
|  | <i>(in thousand Baht)</i>  |  |  |                                  |                           |
| Losses carry forward   | <b>827,478</b>   | <b>720,793</b>                           | <b>555,386</b>                                 | <b>443,250</b>                   |                           |

As at 31 December 2022, the Group has outstanding balance of deferred tax assets of Baht 325.20 million from cumulative tax losses of an indirect subsidiary in overseas. The Group's management has estimated future taxable profits and they considered it probable that future taxable profits would be available against which such losses can be used. The tax losses in such country has unlimited and no expiration date, therefore, the related deferred tax assets are recognised.

## 23 Promotional privileges

Some subsidiaries have been granted promotional certificates by the Office of the Board of Investment for electricity and steam for the 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.

As promoted companies, the subsidiaries must comply with certain terms and conditions prescribed in the promotional certificates.

## 24 Basic earnings per share

|   | <b>Consolidated<br/>financial statements</b> |                    | <b>Separate<br/>financial statements</b> |                  |
|---|--|--------------------|--|------------------|
|   | 2022   | 2021<br>(Restated) | 2022                                     | 2021             |
|   | <i>(in thousand Baht/ thousand shares)</i>   |                    |  |                  |
| <b>Profit for the year attributable to<br/>ordinary shareholders of the Company (basic)</b> | <b>5,782,072</b>                             | <b>7,818,800</b>   | <b>1,903,460</b>                         | <b>3,140,092</b> |
| Share capital as at 1 January   | 1,450,000                                    | 1,450,000          | 1,450,000                                | 1,450,000        |
| Effect from issued shares   | 383,356                                      | -                  | 383,356                                  | -                |
| Weighted average number of ordinary<br>shares outstanding                                   | <b>1,833,356</b>                             | <b>1,450,000</b>   | <b>1,833,356</b>                         | <b>1,450,000</b> |
| <b>Earnings per share (basic) (in Baht)</b>   | <b>3.15</b>                                  | <b>5.39</b>        | <b>1.04</b>                              | <b>2.17</b>      |

**RATCH Group Public Company Limited and its subsidiaries**  
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**25 Dividends**

|  | Approval date  | Payment schedule | Dividend rate<br>per share<br>(Baht) | Amount<br>(in million Baht) |
|--|----------------|------------------|--------------------------------------|-----------------------------|
| <b>2022</b>  |                |                  |                                      |                             |
| Annual dividend<br>for the year 2021                         | 27 April 2022  | May 2022         | 2.50                                 | 3,625                       |
| Interim dividend<br>for the year 2021                        | 24 August 2021 | September 2021   | <u>(1.15)</u>                        | <u>(1,667)</u>              |
| Additional dividend<br>Interim dividend<br>for the year 2022 | 26 August 2022 | September 2022   | 1.35<br>0.80                         | 1,958<br><u>1,740</u>       |
| <b>Total dividend</b>  |                |                  |                                      | <b><u><u>3,698</u></u></b>  |
| <b>2021</b>  |                |                  |                                      |                             |
| Annual dividend<br>for the year 2020                         | 5 April 2021   | April 2021       | 2.40                                 | 3,480                       |
| Interim dividend<br>for the year 2020                        | 24 August 2020 | September 2020   | <u>(1.15)</u>                        | <u>(1,667)</u>              |
| Additional dividend<br>Interim dividend<br>for the year 2021 | 24 August 2021 | September 2021   | 1.25<br>1.15                         | 1,813<br><u>1,667</u>       |
| <b>Total dividend</b>  |                |                  |                                      | <b><u><u>3,480</u></u></b>  |

**26 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. It does not include fair value information for financial assets and financial liabilities measured at amortised cost if the carrying amount is a reasonable approximation of fair value.

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

|   | Carrying amount     |   |   |  | Consolidated financial statements |           |              |           |              |
|---|---------------------|---|---|--|-----------------------------------|-----------|--------------|-----------|--------------|
|   | Hedging instruments | Financial instruments measured at FVTPL | Financial instruments measured at FVOCI | Financial instruments measured at amortised cost | Total<br>(in thousand Baht)       | Level 1   | Level 2      | Level 3   | Total        |
| <b>At 31 December</b>                       |                     |   |   |  |                                   |           |              |           |              |
| <b>2022</b>                                 |                     |   |   |  |                                   |           |              |           |              |
| <b>Financial assets</b>                     |                     |   |   |  |                                   |           |              |           |              |
| Other current financial assets:             |                     |   |   |  |                                   |           |              |           |              |
| Investment in debt instruments              | -                   | 2,884,016                               | -                                       | -  | 2,884,016                         | -         | 2,884,016    | -         | 2,884,016    |
| Other non-current financial assets:         |                     |   |   |  |                                   |           |              |           |              |
| Investment in equity instruments            | -                   | -                                       | 3,466,495                               | -  | 3,466,495                         | 3,013,776 | -            | 452,719   | 3,466,495    |
| Investment in debt instruments              | -                   | -                                       | -                                       | 566,030  | 566,030                           | -         | 568,405      | -         | 568,405      |
| Long term loan to other related parties     | -                   | -                                       | -                                       | 4,467,776  | 4,467,776                         | -         | 4,362,205    | -         | 4,362,205    |
| Interest rate swaps used for hedging        | 1,140,507           | -                                       | -                                       | -  | 1,140,507                         | -         | 1,140,507    | -         | 1,140,507    |
| Derivatives assets                          | -                   | 306,534                                 | -                                       | -  | 306,534                           | -         | 306,534      | -         | 306,534      |
| <b>Financial liabilities</b>                |                     |   |   |  |                                   |           |              |           |              |
| Long-term loans from financial institutions | -                   | -                                       | -                                       | (61,660,126)                                     | (61,660,126)                      | -         | (61,452,576) | -         | (61,452,576) |
| Long-term loans                             | -                   | -                                       | -                                       | (346,959)  | (346,959)                         | -         | -            | (368,342) | (368,342)    |
| Debentures                                  | -                   | -                                       | -                                       | (24,918,623)                                     | (24,918,623)                      | -         | (26,075,350) | -         | (26,075,350) |
| Interest rate swaps used for hedging        | (7,268)             | -                                       | -                                       | -  | (7,268)                           | -         | (7,268)      | -         | (7,268)      |
| Energy derivatives                          | (2,232,471)         | (1,492,014)                             | -                                       | -  | (3,724,485)                       | -         | (3,724,485)  | -         | (3,724,485)  |

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**Notes to the financial statements**  
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|   | Consolidated financial statements |   |   |  |                    | Fair value |              |           |              |
|---|-----------------------------------|---|---|--|--------------------|------------|--------------|-----------|--------------|
|   | Carrying amount                   |   |   |  |                    |            |              |           |              |
|   | Hedging instruments               | Financial instruments measured at FVTPL | Financial instruments measured at FVOCI | Financial instruments measured at amortised cost | Total              | Level 1    | Level 2      | Level 3   | Total        |
|   |                                   |   |   |  | (in thousand Baht) |            |              |           |              |
| <b>At 31 December</b>                       |                                   |   |   |  |                    |            |              |           |              |
| <b>2021</b>                                 |                                   |   |   |  |                    |            |              |           |              |
| <b>Financial assets</b>                     |                                   |   |   |  |                    |            |              |           |              |
| Other current financial assets:             |                                   |   |   |  |                    |            |              |           |              |
| Investment in debt instruments              | -                                 | 857,234                                 | -                                       | 29,995   | 887,229            | -          | 887,388      | -         | 887,388      |
| Other non-current financial assets:         |                                   |   |   |  |                    |            |              |           |              |
| Investment in equity instruments            | -                                 | -                                       | 3,478,209                               | -  | 3,478,209          | 3,023,653  | -            | 454,556   | 3,478,209    |
| Investment in debt instruments              | -                                 | -                                       | -                                       | 535,939  | 535,939            | -          | 554,821      | -         | 554,821      |
| Derivatives assets                          | -                                 | 834                                     | -                                       | -  | 834                | -          | 834          | -         | 834          |
| <b>Financial liabilities</b>                |                                   |   |   |  |                    |            |              |           |              |
| Long-term loans from financial institutions | -                                 | -                                       | -                                       | (29,415,722)                                     | (29,415,722)       | -          | (29,452,622) | -         | (29,452,622) |
| Long-term loans                             | -                                 | -                                       | -                                       | (320,000)  | (320,000)          | -          | -            | (340,784) | (340,784)    |
| Debentures                                  | -                                 | -                                       | -                                       | (24,351,692)                                     | (24,351,692)       | -          | (26,802,264) | -         | (26,802,264) |
| Interest rate swaps used for hedging        | (667,451)                         | -                                       | -                                       | -  | (667,451)          | -          | (667,451)    | -         | (667,451)    |
| Foreign currency forward used for hedging   | (1,793)                           | -                                       | -                                       | -  | (1,793)            | -          | (1,793)      | -         | (1,793)      |
| Other derivatives liabilities               | -                                 | (137,826)                               | -                                       | -  | (137,826)          | -          | (137,826)    | -         | (137,826)    |

**RATCH Group Public Company Limited and its subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2022**

|   | Carrying amount     |   |   |  |              | Fair value |              |         |              |
|---|---------------------|---|---|--|--------------|------------|--------------|---------|--------------|
|   | Hedging instruments | Financial instruments measured at FVTPL | Financial instruments measured at FVOCI | Financial instruments measured at amortised cost | Total        | Level 1    | Level 2      | Level 3 | Total        |
| <i>At 31 December</i>                     |                     |   |   |  |              |            |              |         |              |
| <b>2022</b>                               |                     |   |   |  |              |            |              |         |              |
| <b>Financial assets</b>                   |                     |   |   |  |              |            |              |         |              |
| Other current financial assets:           |                     |   |   |  |              |            |              |         |              |
| Investment in debt instruments            | -                   | 2,327,276                               | -                                       | -  | 2,327,276    | -          | 2,327,276    | -       | 2,327,276    |
| Other non-current financial assets:       |                     |   |   |  |              |            |              |         |              |
| Investment in equity instruments          | -                   | -                                       | 2,471,690                               | -  | 2,471,690    | 2,208,971  | -            | 262,719 | 2,471,690    |
| Investment in debt instruments            | -                   | -                                       | -                                       | 112,915  | 112,915      | -          | 114,106      | -       | 114,106      |
| <b>Financial liabilities</b>              |                     |   |   |  |              |            |              |         |              |
| Long-term loan from financial institution | -                   | -                                       | -                                       | (21,484,188)                                     | (21,484,188) | -          | (21,510,850) | -       | (21,510,850) |
| Debentures                                | -                   | -                                       | -                                       | (7,991,446)                                      | (7,991,446)  | -          | (7,555,370)  | -       | (7,555,370)  |
| <b>2021</b>                               |                     |   |   |  |              |            |              |         |              |
| <b>Financial assets</b>                   |                     |   |   |  |              |            |              |         |              |
| Other current financial assets:           |                     |   |   |  |              |            |              |         |              |
| Investment in debt instruments            | -                   | 305,669                                 | -                                       | 29,995   | 335,664      | -          | 335,823      | -       | 335,823      |
| Other non-current financial assets:       |                     |   |   |  |              |            |              |         |              |
| Investment in equity instruments          | -                   | -                                       | 2,069,818                               | -  | 2,069,818    | 1,805,262  | -            | 264,556 | 2,069,818    |
| Investment in debt instruments            | -                   | -                                       | -                                       | 82,937   | 82,937       | -          | 86,444       | -       | 86,444       |
| <b>Financial liabilities</b>              |                     |   |   |  |              |            |              |         |              |
| Long-term loan from financial institution | -                   | -                                       | -                                       | (5,000,000)                                      | (5,000,000)  | -          | (5,029,453)  | -       | (5,029,453)  |
| Debentures                                | -                   | -                                       | -                                       | (7,989,734)                                      | (7,989,734)  | -          | (7,976,149)  | -       | (7,976,149)  |

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The following tables present valuation technique of financial instruments measured at fair value in the statements of financial position:

| <b>Type</b>   | <b>Valuation technique</b>   |
|---|--|
| Corporate debt securities   | <i>Market price comparison technique/discounted cash flow:</i> The fair value is estimated considering (i) current or recent quoted prices for identical securities in markets that are not active and (ii) a net present value calculated using discount rates derived from quoted prices of securities with similar maturity and credit rating that are traded in active markets, adjusted by an illiquidity factor. |
| Investments in marketable unit trusts classified as financial assets measured at FVTPL or FVOCI | The net asset value as of the reporting date.  |
| 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.  |
| Interest rate swap contracts  | <i>Swap models:</i> The present value of estimated future cash flows, using an observable yield curve.   |
| Cross currency swap contracts   | <i>Black-Scholes model/ discounted cash flows</i>  |
| Debt securities, Energy derivatives and other financial liabilities                             | Discounted cash flows  |

(b) *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.

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*(b.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 and investments in debt securities.

*(b.1.1) Trade accounts receivables*

The management has established a credit policy to control the credit risk on a regular basis by analysing the financial status of every customers who requested a certain amount of credit. As of the reporting date, there were no significant credit risk exposure. The maximum credit risk is stated in the book value of each financial asset in the statement of financial position. However, as the major customers of the Group are government agencies, state of enterprises and large corporations with low credit risk. Management does not expect any material losses incurred from debt collection.

The Group limits its exposure to credit risk from trade accounts receivables by establishing a maximum payment period of one month. 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 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.

Information relevant to trade accounts receivables is disclosed in note 7

*(b.1.2) Investment in debt securities, loan to and lease receivable*

The Group limits its exposure to credit risk by investing only in liquid debt securities and only with reliable counterparties that have consider a credit rating by international credit rating institutions.

The Group monitors changes in credit risk by tracking published external credit ratings. To assess whether there has been a significant increase in credit risk at the reporting date that has not been reflected in published ratings.

The following table presents the exposure to credit risk and expected credit losses.

| <i>At 31 December</i>                          | 12-months<br>ECL  | <b>Consolidated financial statements</b>   |  | Total             |
|--|-------------------|--|--|-------------------|
|  |                   | Lifetime ECL<br>- not credit -<br>impaired | Lifetime ECL<br>- credit -<br>impaired |                   |
|  |                   | <i>(in thousand Baht)</i>                  |  |                   |
| <b>2022</b>                                    |                   |  |  |                   |
| Debt instruments measured<br>at amortised cost | 563,000           | -  | -                                      | 563,000           |
| Loans to                                       | 5,272,440         | -  | -                                      | 5,272,440         |
| Lease receivable                               | 25,718,235        | -  | -                                      | 25,718,235        |
|  | <b>31,553,675</b> | <b>-</b>                                   | <b>-</b>                               | <b>31,553,675</b> |
| Less allowance for expected<br>credit loss     | (170,921)         | -  | -                                      | (170,921)         |
| <b>Net</b>                                     | <b>31,382,754</b> | <b>-</b>                                   | <b>-</b>                               | <b>31,382,754</b> |

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| <i>At 31 December</i>                                     | 12-months<br>ECL  | Consolidated financial statements          |  | Total             |
|---|-------------------|--|--|-------------------|
|   |                   | Lifetime ECL<br>- not credit -<br>impaired | Lifetime ECL<br>- credit -<br>impaired |                   |
| <i>(in thousand Baht)</i>                                 |                   |  |  |                   |
| <b>2021</b>   |                   |  |  |                   |
| Debt instruments measured<br>at amortised cost            | 563,000           | -  | -                                      | 563,000           |
| Loans to  | 3,377,179         | -  | -                                      | 3,377,179         |
| Lease receivable  | 28,170,235        | -  | -                                      | 28,170,235        |
|   | <b>32,110,414</b> | -  | -                                      | <b>32,110,414</b> |
| Less allowance for expected<br>credit loss                | (160,804)         | -  | -                                      | (160,804)         |
| <b>Net</b>  | <b>31,949,610</b> | -  | -                                      | <b>31,949,610</b> |
| <b>Separate financial statements</b>                      |                   |  |  |                   |
| <i>At 31 December</i>                                     | 12-months<br>ECL  | Lifetime ECL                               | Lifetime ECL                           | Total             |
|   |                   | - not credit -<br>impaired                 | - credit -<br>impaired                 |                   |
| <i>(in thousand Baht)</i>                                 |                   |  |  |                   |
| <b>2022</b>   |                   |  |  |                   |
| Debt instruments measured<br>at amortised cost            | 113,000           | -  | -                                      | 113,000           |
| Loans to  | 4,068,658         | -  | -                                      | 4,068,658         |
|   | <b>4,181,658</b>  | -  | -                                      | <b>4,181,658</b>  |
| Less allowance for expected<br>credit loss                | (70,652)          | -  | -                                      | (70,652)          |
| <b>Net</b>  | <b>4,111,006</b>  | -  | -                                      | <b>4,111,006</b>  |
| <b>2021</b>   |                   |  |  |                   |
| Debt instruments measured<br>at amortised cost            | 113,000           | -  | -                                      | 113,000           |
| Loans to  | 3,042,116         | -  | -                                      | 3,042,116         |
|   | <b>3,155,116</b>  | -  | -                                      | <b>3,155,116</b>  |
| Less allowance for expected<br>credit loss                | (52,469)          | -  | -                                      | (52,469)          |
| <b>Net</b>  | <b>3,102,647</b>  | -  | -                                      | <b>3,102,647</b>  |
| <b>Consolidated financial statements</b>                  |                   |  |  |                   |
| <i>Movement of allowance for<br/>expected credit loss</i> | 12-months<br>ECL  | Lifetime ECL                               | Lifetime ECL                           | Total             |
|   |                   | - not credit-<br>impaired                  | - credit-<br>impaired                  |                   |
| <i>(in thousand Baht)</i>                                 |                   |  |  |                   |
| <b>2022</b>   |                   |  |  |                   |
| At 1 January  | 160,804           | -  | -                                      | 160,804           |
| Net remeasurement of loss<br>allowance                    | 1,706             | -  | -                                      | 1,706             |
| Financial assets repaid                                   | (5)               | -  | -                                      | (5)               |
| New financial assets acquired                             | 8,416             | -  | -                                      | 8,416             |
| <b>At 31 December</b>                                     | <b>170,921</b>    | -  | -                                      | <b>170,921</b>    |

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| <i>Movement of allowance for expected credit loss</i> | 12-months ECL  | Consolidated financial statements  |                                | Total          |
|---|----------------|------------------------------------|--------------------------------|----------------|
|   |                | Lifetime ECL - not credit-impaired | Lifetime ECL - credit-impaired |                |
| <i>(in thousand Baht)</i>                             |                |                                    |                                |                |
| <b>2021</b>   |                |                                    |                                |                |
| At 1 January  | 37,290         | -                                  | -                              | 37,290         |
| Net remeasurement of loss allowance                   | (6,698)        | -                                  | -                              | (6,698)        |
| Financial assets repaid                               | (615)          | -                                  | -                              | (615)          |
| New financial assets acquired                         | 463            | -                                  | -                              | 463            |
| Acquisition through business combination              | 130,364        | -                                  | -                              | 130,364        |
| <b>At 31 December</b>                                 | <b>160,804</b> | <b>-</b>                           | <b>-</b>                       | <b>160,804</b> |
| <br>  |                |                                    |                                |                |
| <i>Movement of allowance for expected credit loss</i> | 12-months ECL  | Separate financial statements      |                                | Total          |
|   |                | Lifetime ECL - not credit-impaired | Lifetime ECL - credit-impaired |                |
| <i>(in thousand Baht)</i>                             |                |                                    |                                |                |
| <b>2022</b>   |                |                                    |                                |                |
| At 1 January  | 52,468         | -                                  | -                              | 52,468         |
| Net remeasurement of loss allowance                   | (2,208)        | -                                  | -                              | (2,208)        |
| Financial assets repaid                               | (661)          | -                                  | -                              | (661)          |
| New financial assets acquired                         | 21,053         | -                                  | -                              | 21,053         |
| <b>At 31 December</b>                                 | <b>70,652</b>  | <b>-</b>                           | <b>-</b>                       | <b>70,652</b>  |
| <br>  |                |                                    |                                |                |
| <b>2021</b>   |                |                                    |                                |                |
| At 1 January  | 52,504         | -                                  | -                              | 52,504         |
| Net remeasurement of loss allowance                   | (11,553)       | -                                  | -                              | (11,553)       |
| Financial assets repaid                               | (345)          | -                                  | -                              | (345)          |
| New financial assets acquired                         | 11,862         | -                                  | -                              | 11,862         |
| <b>At 31 December</b>                                 | <b>52,468</b>  | <b>-</b>                           | <b>-</b>                       | <b>52,468</b>  |

(b.1.3) 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.

(b.1.4) Guarantees

The Group's policy is to provide the guarantees only for the financial facilities of subsidiaries. At 31 December 2022, the Group has provided a guarantee to certain banks in respect of credit facilities granted to a subsidiary (see note 5, 16).

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(b.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 shows 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.

| <b>Consolidated financial statements</b>           |                           |                          |  |                          |                           |
|--|---------------------------|--------------------------|--|--------------------------|---------------------------|
| Contractual cash flows                             |                           |                          |  |                          |                           |
| <i>At 31 December</i>                              | Carrying amount           | 1 year or less           | More than 1 years but less than 5 years<br><i>(in thousand Baht)</i> | More than 5 years        | Total                     |
| <b>2022</b>  |                           |                          |  |                          |                           |
| <b><i>Non-derivative financial liabilities</i></b> |                           |                          |  |                          |                           |
| Trade payables                                     | 9,606,493                 | 9,606,493                | -  | -                        | 9,606,493                 |
| Loans from financial institutions                  | 70,345,013                | 15,934,090               | 46,614,568   | 21,044,882               | 83,593,540                |
| Loans from other related parties                   | 346,959                   | 13,107                   | 396,716  | -                        | 409,823                   |
| Lease liabilities                                  | 3,364,543                 | 179,667                  | 890,137  | 4,006,650                | 5,076,454                 |
| Debentures   | 24,918,623                | 1,296,782                | 7,642,647  | 21,558,131               | 30,497,560                |
|  | <b><u>108,581,631</u></b> | <b><u>27,030,139</u></b> | <b><u>55,544,068</u></b>   | <b><u>46,609,663</u></b> | <b><u>129,183,870</u></b> |
| <b><i>Derivative financial liabilities</i></b>     |                           |                          |  |                          |                           |
| Interest rate swaps                                | 7,268                     | -                        | 7,268  | -                        | 7,268                     |
| Cross currency swap contract                       | 63,944                    | -                        | 63,944   | -                        | 63,944                    |
| Energy derivatives                                 | 3,660,541                 | 1,157,918                | 1,999,266  | 503,357                  | 3,660,541                 |
|  | <b><u>3,731,753</u></b>   | <b><u>1,157,918</u></b>  | <b><u>2,070,478</u></b>  | <b><u>503,357</u></b>    | <b><u>3,731,753</u></b>   |
| <b>2021</b>  |                           |                          |  |                          |                           |
| <b><i>Non-derivative financial liabilities</i></b> |                           |                          |  |                          |                           |
| Trade payables                                     | 7,676,876                 | 7,676,876                | -  | -                        | 7,676,876                 |
| Loans from financial institutions                  | 34,780,618                | 9,047,822                | 24,222,784   | 4,265,275                | 37,535,881                |
| Loans from other related parties                   | 320,000                   | 11,200                   | 44,831   | 329,574                  | 385,605                   |
| Lease liabilities                                  | 1,666,936                 | 166,819                  | 504,962  | 2,719,502                | 3,391,283                 |
| Debentures   | 24,351,692                | 2,231,062                | 3,213,107  | 24,446,251               | 29,890,420                |
|  | <b><u>68,796,122</u></b>  | <b><u>19,133,779</u></b> | <b><u>27,985,684</u></b>   | <b><u>31,760,602</u></b> | <b><u>78,880,065</u></b>  |
| <b><i>Derivative financial liabilities</i></b>     |                           |                          |  |                          |                           |
| Interest rate swaps                                | 667,451                   | 173,612                  | 294,805  | 199,034                  | 667,451                   |
| Cross currency swap contract                       | 137,764                   | -                        | 137,764  | -                        | 137,764                   |
| Forward exchange contracts                         |                           |                          |  |                          |                           |
| - Cash outflow                                     | (168,697)                 | (168,697)                | -  | -                        | (168,697)                 |
| - Cash inflow                                      | 170,552                   | 170,552                  | -  | -                        | 170,552                   |
|  | <b><u>807,070</u></b>     | <b><u>175,467</u></b>    | <b><u>432,569</u></b>  | <b><u>199,034</u></b>    | <b><u>807,070</u></b>     |

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| <i>At 31 December</i>                       | Carrying amount   | Separate financial statements |  |                   |                   | Total |
|---|-------------------|-------------------------------|--|-------------------|-------------------|-------|
|   |                   | Contractual cash flows        |  |                   |                   |       |
|   |                   | 1 year or less                | More than 1 years but less than 5 years<br><i>(in thousand Baht)</i> | More than 5 years |                   |       |
| <b>2022</b>                                 |                   |                               |  |                   |                   |       |
| <i>Non-derivative financial liabilities</i> |                   |                               |  |                   |                   |       |
| Loans from financial institutions           | 21,484,188        | 671,781                       | 21,735,422   | -                 | 22,407,203        |       |
| Long-term loans from related parties        | 5,090,000         | 5,124,799                     | -  | -                 | 5,124,799         |       |
| Lease liabilities                           | 24,665            | 15,041                        | 11,186   | -                 | 26,227            |       |
| Debentures                                  | 7,991,446         | 1,194,252                     | 2,175,605  | 6,533,342         | 9,903,199         |       |
|   | <b>34,590,299</b> | <b>7,005,873</b>              | <b>23,922,213</b>  | <b>6,533,342</b>  | <b>37,461,428</b> |       |
| <b>2021</b>                                 |                   |                               |  |                   |                   |       |
| <i>Non-derivative financial liabilities</i> |                   |                               |  |                   |                   |       |
| Loans from financial institutions           | 7,536,000         | 2,591,679                     | 5,096,088  | -                 | 7,687,767         |       |
| Long-term loans from related parties        | 5,140,000         | 5,159,818                     | -  | -                 | 5,159,818         |       |
| Lease liabilities                           | 31,342            | 16,884                        | 16,667   | -                 | 33,551            |       |
| Debentures                                  | 7,989,734         | 196,350                       | 3,213,107  | 6,690,092         | 10,099,549        |       |
|   | <b>20,697,076</b> | <b>7,964,731</b>              | <b>8,325,862</b>   | <b>6,690,092</b>  | <b>22,980,685</b> |       |

The cash inflows and 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.

*(b.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:

*Managing interest rate benchmark reform (IBOR reform)*

The Group monitors and considers the transition from the IBOR discontinuation by determining that contracts reference IBOR will need to be amended to alternative rates. It provides periodic reports to management of interest rate risk and risks arising from IBOR discontinuation.

The Group's main IBOR exposure at 31 December 2022 was indexed to LIBOR and THBFX. As at 31 December 2022, the Group has negotiated to amend the contractual terms for some of the LIBOR and THBFX indexed exposures to SOFR and THOR.

The following table shows the total amounts of financial instruments that have yet to transition to alternative benchmark rates. The amounts of financial assets and financial liabilities are shown at their carrying amounts.

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| <i>Key reference rate under the existing contracts</i> | <b>Consolidated financial statements</b> |           | <b>Separate financial statements</b> |        |
|--|--|-----------|--------------------------------------|--------|
|  | LIBOR                                    | THBFIX    | LIBOR                                | THBFIX |
|  | <i>(in thousand Baht)</i>                |           |                                      |        |
| <b>At 31 December 2022</b>                             |  |           |                                      |        |
| Loan to related parties                                | 651,563                                  | -         | 651,563                              | -      |
| Loan to other parties                                  | 2,764,992                                | -         | -                                    | -      |
| Derivative assets                                      | 6,159,367                                | -         | -                                    | -      |
| Loans from financial institutions                      | 6,111,643                                | 5,425,205 | -                                    | -      |

(b.3.1) Foreign currency risk

The Group is exposed to foreign currency risk relating to purchases which are denominated in foreign currencies. The Group primarily utilises forward exchange contracts with maturities of less than one year to hedge such financial assets and liabilities denominated in foreign currencies. The forward exchange contracts entered into at the reporting date also relate to anticipated purchases, denominated in foreign currencies, for the subsequent period.

At 31 December, the Group and the Company were exposed to foreign currency risk in respect of significant financial assets and liabilities denominated in the foreign currencies as follows:

|                                    | <b>Consolidated financial statements</b> |             | <b>Separate financial statements</b> |           |
|------------------------------------|--|-------------|--------------------------------------|-----------|
|                                    | 2022                                     | 2021        | 2022                                 | 2021      |
|                                    | <i>(in thousand Baht)</i>                |             |                                      |           |
| <b>United States Dollars</b>       |  |             |                                      |           |
| Other current receivables          | 24,376                                   | 3,006       | 48,600                               | 65,055    |
| Long-term loans to related parties | 651,563                                  | 600,042     | 1,769,567                            | 1,680,839 |
| Trade payable                      | (151,072)                                | -           | -                                    | -         |
| Other current payables             | (518,827)                                | (76,279)    | (18,152)                             | (17,284)  |
| <b>Lao Kip</b>                     |  |             |                                      |           |
| Other non-current financial assets | 794,930                                  | 1,209,441   | -                                    | -         |
| Other current payables             | (7,626)                                  | (5,133)     | -                                    | -         |
| <b>Vietnamese Dong</b>             |  |             |                                      |           |
| Trade payable                      | (335)                                    | -           | -                                    | -         |
| Other current payables             | (4,416)                                  | -           | -                                    | -         |
| <b>Australian Dollars</b>          |  |             |                                      |           |
| Trade payable                      | (525,419)                                | -           | -                                    | -         |
| Other current payables             | (652,709)                                | (37,337)    | (3,379)                              | (3,757)   |
| <b>Singapore Dollars</b>           |  |             |                                      |           |
| Other current payables             | (1,949)                                  | -           | -                                    | -         |
| <b>Japanese Yen</b>                |  |             |                                      |           |
| Other current receivables          | -  | 5,615       | -                                    | 5,615     |
| Other current payables             | (37,747)                                 | (367,940)   | -                                    | (1,230)   |
| Debentures                         | (3,926,395)                              | (4,351,652) | -                                    | -         |

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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> |
|                                     | 2022                        | 2021                        | 2022                        | 2021                        |
|                                     | <i>(in thousand Baht)</i>   |                             |                             |                             |
| <b>Others</b>                       |                             |                             |                             |                             |
| Trade payable                       | (14,506)                    | -                           | -                           | -                           |
| Other current payables              | (30,121)                    | (620)                       | (1,522)                     | (27)                        |
| <b>Gross balance sheet exposure</b> | <b>(4,400,253)</b>          | <b>(3,020,857)</b>          | <b>1,795,114</b>            | <b>1,729,211</b>            |
| Estimated forecast purchases        | (185,803)                   | (3,664)                     | -                           | -                           |
| <b>Gross exposure</b>               | <b>(4,586,056)</b>          | <b>(3,024,521)</b>          | <b>1,795,114</b>            | <b>1,729,211</b>            |
| Foreign currency forward contracts  | -                           | 168,697                     | -                           | -                           |
| Cross currency swap contracts       | 3,929,745                   | 4,356,284                   | -                           | -                           |
| <b>Net exposure</b>                 | <b>(656,311)</b>            | <b>1,500,460</b>            | <b>1,795,114</b>            | <b>1,729,211</b>            |

*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> | Movement | <b>Consolidated financial statements</b> |           | <b>Separate financial statements</b> |           |
|---------------------------------|----------|--|-----------|--------------------------------------|-----------|
|                                 |          | Strengthening                            | Weakening | Strengthening                        | Weakening |
|                                 | (%)      | <i>(in thousand Baht)</i>                |           |                                      |           |
| <b>2022</b>                     |          |  |           |                                      |           |
| US Dollars                      | 5        | 318                                      | (318)     | 94,738                               | (94,738)  |
| Lao Kip                         | 5        | 41,437                                   | (41,437)  | -                                    | -         |
| Vietnamese Dong                 | 5        | (250)                                    | 250       | -                                    | -         |
| Australian Dollars              | 5        | (62,007)                                 | 62,007    | (178)                                | 178       |
| Singapore Dollars               | 5        | (103)                                    | 103       | -                                    | -         |
| Japanese Yen                    | 5        | (208,639)                                | 208,639   | -                                    | -         |
| <b>2021</b>                     |          |  |           |                                      |           |
| US Dollars                      | 5        | 27,725                                   | (27,725)  | 90,979                               | (90,979)  |
| Lao Kip                         | 5        | 63,385                                   | (63,385)  | -                                    | -         |
| Australian Dollars              | 5        | (1,965)                                  | 1,965     | (198)                                | 198       |
| Japanese Yen                    | 5        | (248,104)                                | 248,104   | 231                                  | (231)     |

(b.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 debt securities and loan interest rates financial liabilities are mainly variable. So the Group is primarily exposed to interest rate risk. The Group mitigates this risk by ensuring that the majority of its debt securities and 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</i><br><i>At 31 December</i>   | <b>Consolidated financial statements</b> |                     | <b>Separate financial statements</b> |                  |
|--|--|---------------------|--------------------------------------|------------------|
|  | 2022                                     | 2021                | 2022                                 | 2021             |
|  | <i>(in thousand Baht)</i>                |                     |                                      |                  |
| <b><i>Financial instruments with variable interest rates</i></b> |  |                     |                                      |                  |
| Financial assets   | 6,267,268                                | 4,102,926           | 3,111,059                            | 1,084,543        |
| Financial liabilities  | (56,394,534)                             | (23,879,172)        | (16,484,188)                         | -                |
| <b>Net statement of financial position exposure</b>              | <b>(50,127,266)</b>                      | <b>(19,776,246)</b> | <b>(13,373,129)</b>                  | <b>1,084,543</b> |
| Interest rate swaps  | 24,366,506                               | 16,476,327          | -                                    | -                |
| <b>Net exposure</b>  | <b>(25,760,760)</b>                      | <b>(3,299,919)</b>  | <b>(13,373,129)</b>                  | <b>1,084,543</b> |

*Interest rate swap and cross currency swap contracts*

The Group entered into various interest rate swap and cross currency swap contracts with financial institutions to manage exposure of fluctuations in interest rates and foreign currency risk on borrowings. The notional amounts of the outstanding interest rate swap and cross currency swap contracts as at 31 December 2022 comprises Baht currency totalling Baht 3,563.49 million, Japanese Yen currency totalling Japanese Yen 15,000.00 million, Australian Dollars currency totalling Australian Dollars 626.36 million and US Dollars currency totalling US Dollars 178.21 million. All counterparties agreed to pay the interest and the principal amount in accordance with the terms and conditions specified in the contracts (2021: Baht currency totalling Baht 1,421.40 million, Japanese Yen currency totalling Japanese Yen 15,000.00 million, Australian Dollars currency totalling Australian Dollars 445.29 million and US Dollars currency totalling US Dollars 157.12 million).

*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>2022</b>                                       |  |                              |                                      |                              |
| Financial instruments with variable interest rate | (501,273)                                | 501,273                      | (133,731)                            | 133,731                      |
| Interest rate swaps                               | (125)                                    | 125                          | -                                    | -                            |
| <b>2021</b>                                       |  |                              |                                      |                              |
| Financial instruments with variable interest rate | (197,762)                                | 197,762                      | 10,845                               | (10,845)                     |
| Interest rate swaps                               | 542                                      | (542)                        | -                                    | -                            |

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(c) *Hedge accounting*

(c.1) *Cash flow hedges*

At 31 December 2022 and 2021, the Group held the following financial instruments to hedge exposures to changes in interest rates.

| <i>At 31 December</i>                      | <b>Consolidated financial statements</b> |          |                           |         |          |         |  |
|--|--|----------|---------------------------|---------|----------|---------|--|
|  |  | 2022     |                           |         | 2021     |         |  |
|  | Within                                   | Maturity | After                     | Within  | Maturity | After   |  |
|  | 1 year                                   | After 1  | 5 years                   | 1 year  | After 1  | 5 years |  |
|  |  | year but |                           |         | year but |         |  |
|  |  | within   |                           |         | within   |         |  |
|  |  | 5 years  |                           |         | 5 years  | 5 years |  |
|  |  |          | After                     |         |          | After   |  |
|  |  |          | 5 years                   |         |          | 5 years |  |
|  |  |          | <i>(in thousand Baht)</i> |         |          |         |  |
| <b><i>Interest rate risk</i></b>           |  |          |                           |         |          |         |  |
| <i>Interest rate swaps</i>                 |  |          |                           |         |          |         |  |
| Net exposure <i>(in thousand Baht)</i>     | (41,601)                                 | (31,622) | (1,366,550)               | 173,612 | 294,805  | 199,034 |  |
| Average fixed interest rate (%)            | 3.11                                     | 3.76     | 2.20                      | 2.70    | 4.55     | 2.94    |  |
| <b><i>Energy price volatility risk</i></b> |  |          |                           |         |          |         |  |
| Energy derivatives                         | -  | -        | (2,035,901)               | -       | -        | -       |  |

The amounts at the reporting date relating to items designated as hedged items were as follows.

| <i>At 31 December</i>                      | <b>Consolidated financial statements</b> |                       |
|--|--|-----------------------|
|  | 2022                                     | 2021                  |
|  | Cash flow hedge reserve                  |                       |
|  | <i>(in thousand Baht)</i>                |                       |
| <b><i>Interest rate risk</i></b>           |  |                       |
| Variable-rate instruments                  | <b><u>2,870,029</u></b>                  | <b><u>335,855</u></b> |
| <b><i>Energy price volatility risk</i></b> |  |                       |
| Energy derivative                          | <b><u>(2,035,901)</u></b>                | <b><u>-</u></b>       |

The following table provides a reconciliation by risk category of components of equity and analysis of OCI items, net of tax, resulting from cash flow hedge accounting.

|  | <b>Consolidated financial statements</b> |                       |
|--|--|-----------------------|
|  | 2022                                     | 2021                  |
| <b><i>Cash flow hedges</i></b>                     |  |                       |
|  | Hedging reserve                          |                       |
|  | <i>(in thousand Baht)</i>                |                       |
| <b>Balance at 1 January</b>                        | 335,855                                  | 937,497               |
| <b>Cash flow hedges</b>                            |  |                       |
| Changes in fair value Interest rate risk           | 2,870,029                                | (601,642)             |
| Changes in fair value Energy price volatility risk | (2,035,901)                              | -                     |
| <b>Balance at 31 December</b>                      | <b><u>1,169,983</u></b>                  | <b><u>335,855</u></b> |

**27 Capital management**

The Board of Director's Policy is to support the Group's growth and sustain liquidity at an optimal level so such capitals generate maximum value to the shareholders and maintain creditability for lenders and the capital markets. The Board of Directors has regulated the return on investment which includes returns from operating activities on total equity, excluding non-controlling interests and supervising the payment of dividends to the shareholders.

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**28 Commitments with non-related parties**

*Operation and Maintenance Agreement*

On 9 December 2019, RATCH Cogeneration Company Limited, a direct subsidiary, entered into an Operation and Maintenance Agreement with a service provider for a period of 19 years from the date specified in the agreement. Under the terms of the agreement, such service provider will operate and provide maintenance services to the subsidiary. The operation and maintenance service fee is stipulated in the agreement.

*Fuel Purchase Agreements*

On 27 October 2000, Ratchaburi Electricity Generating Company Limited, a direct subsidiary, entered into a Gas Sales Agreement with PTT Public Company Limited (“PTT”) for a period of 25 years. PTT will distribute natural gas to such subsidiary at the agreed quantity and price.

On 1 June 2004, Ratchaburi Electricity Generating Company Limited, a direct subsidiary, entered into a Diesel Purchase Agreement with PTT for a period of 3 years. PTT will distribute diesel to such subsidiary at the agreed quantity and price. The agreement is automatically extended for a period of 1 year unless written notice at least 6 months before the agreement automatically extended. On 8 March 2018, PTT Public Company Limited and the Company entered into an amendment of the agreement, which modified a party to the contract from PTT Public Company Limited to PTT Oil and Retail Business Public Company Limited (“PTTOR”).

On 11 October 2021, Ratchaburi Electricity Generating Company Limited, a direct subsidiary, entered into a Fuel Purchase Agreement with PTT Oil and Retail Business Public Company Limited (“PTTOR”) and Esso (Thailand) Public Company Limited to reserve the Fuel oil and generate electric of Combine Cycle power plant.

Subsequently in May 2022, the subsidiary entered into a Fuel oil Purchase Agreement with PTT Oil and Retail Business Public Company Limited (“PTTOR”) and Esso (Thailand) Public Company Limited for a period of a year. The agreement will expire on 24 May 2023 and 10 May 2023, respectively.

On 31 March 2011, RATCH Cogeneration Company Limited, a direct subsidiary, entered into a Gas Sales Agreement with PTT for a period of 25 years from the date of commercial gas usage. PTT will distribute natural gas to such subsidiary at the agreed quantity and price.

Sahacogen (Chonburi) Public Company Limited, a direct subsidiary, is committed to purchase natural gas from PTT Public Company Limited (“PTT”) in a specified quantity and at a stipulated price as defined in the agreement for a period of 21 years. The agreement expired in March 2020, however it contains an option to renew for an additional period of 4 years. Subsequently in December 2021, the subsidiary entered into an amendment of the purchase natural gas agreement with PTT which modified the terms of the agreement to end in April 2049.

Sahacogen (Chonburi) Public Company Limited, a direct subsidiary, is committed to purchase raw water with a private entity in a specified quantity and at a stipulated price as defined in the agreement for a period of 25 years. The agreement will expire in March 2024. In June 2020, the subsidiary entered into an amendment of the agreement with that private entity, which modified the price and terms of the agreement. This amended the term of the agreement to 10 years, ending in June 2030, with automatic renewal every 5 years throughout the term of the electricity sales agreements with the Electricity Generating Authority of Thailand (EGAT).

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***Energy Pool Price***

The Energy Policy and Planning Office (EPPO) approved the basis of natural gas prices calculation under the supervision of the Energy Regulatory Commission (Energy Pool Price). PTT Public Company Limited (“PTT”) had complied with the guidelines by using Energy Pool Price which notified by the Electricity Generating Authority of Thailand (“EGAT”) to set the price and collect the natural gas charges with all counterparties and return the differences in natural gas charges according to the guidelines prescribed by the Energy Regulatory Commission which resulted the Group, as a contractual party with PTT had to pay or receive the refund of the different amount between the Energy Pool Price and Pool Gas since April 2022 onwards until the change or termination by the government legal authorities.

***Contractual Service Agreement***

On 29 December 2005, Ratchaburi Electricity Generating Company Limited, a direct subsidiary, entered into a Contractual Service Agreement for the Combined Cycle power plants with the Consortium of General Electric International Operations Company Inc. and GE Energy Parts, Inc. The agreement is effective from the agreement date until the end of the operation of gas turbine according to the Power Purchase Agreement in 2027 with a total value of the existing agreement in US Dollars 428.60 million. Subsequently on 19 November 2019 and 25 August 2020, all parties agreed to amend the conditions of the agreement effective from August 2020. The total value of the agreement is US Dollars 436.75 million. As at 31 December 2022, the subsidiary had outstanding commitments amounting to US Dollars 50.66 million. *(2021: US Dollars 75.60 million)*

In addition, in accordance with the agreement, the subsidiary is required to open a letter of credit amounting to US Dollars 6 million. As at 31 December 2022, the subsidiary had an outstanding unused letter of credit amounting to US Dollars 6 million. *(2021: US Dollars 6 million)*

On 29 December 2019, RATCH Cogeneration Company Limited, a direct subsidiary, entered into a Contractual Service Agreement with a service provider for a period of 15 years from the date specified in the agreement. The total value of the agreement is US Dollars 28.33 million. As at 31 December 2022, the subsidiary had outstanding commitments amounting to US Dollars 12.54 million. *(2021: US Dollars 15.43 million)*

On 13 December 2022, RATCH Cogeneration Company Limited, a direct subsidiary, entered into Contractual Service Agreements for acquisition of equipment and maintenance generating electricity from natural gas machine and service maintenance for generating electricity from natural gas machine with 2 service providers for a period of 15 years from the date specified in the agreement. The total value of the agreement is Bath 24.90 million and Japanese Yen 854.00 million. As at 31 December 2022, the subsidiary had outstanding commitments amounting to Baht 24.57 million and Japanese Yen 842.80 million.

***Electricity and Steam Sales Agreements***

Sahacogen Green Company Limited, an indirect subsidiary, entered into an agreement with the Provincial Electricity Authority (PEA) to sell electricity in a specified quantity and at a stipulated price as defined in the agreement. The agreement is for a period of 5 years, and will automatically renew every 5 years until termination. In 2016, the subsidiary joined the program for producers of electricity from renewable energy sources to change from an Adder to a Feed-in Tariff (FiT), and as a result entered into an amendment to the sales and purchase of electricity agreement with PEA in September 2016, whereby it is required to comply with certain conditions and the period for purchase of electricity is reduced, with the agreement expiring in October 2027.

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Sahagreen Forest Company Limited, an indirect subsidiary, entered into an agreement with the Provincial Electricity Authority (PEA) to sell electricity in a specified quantity and at a stipulated price as defined in the agreement. The agreement is for a period of 20 years. Since the subsidiary joined the program for producers of electricity from renewable energy sources to change from an Adder to a Feed-in Tariff (FiT) in September 2016, the subsidiary entered into an amendment to the sales and purchase of electricity agreement with PEA, whereby it is required to comply with conditions regarding the sale and purchase of electricity and connection to the electricity grid and the period for purchase of electricity is reduced, with the agreement expiring in March 2029.

Sahacogen Green Company Limited, an indirect subsidiary, entered into an agreement with Thai President Foods Public Company Limited to sell steam in a specified quantity and at a stipulated price as defined in the agreement. The agreement is for a period of 10 years, starting from April 2011, and will renew every year until termination.

Sahacogen (Chonburi) Public Company Limited, a direct subsidiary, entered into agreements with Saha Pathana Inter-Holding Public Company Limited to sell electricity and steam in a specified quantity and at a stipulated price as defined in the agreements. The agreement is for a period of 15 years, starting from April 1999, and renewed for an additional period of 25 years. In May 2019, the subsidiary entered into an amendment of the agreement to sell electricity and steam with Saha Pathana Inter-Holding Public Company Limited, which extended the agreement to sell electricity and steam for an additional period of 37 years after April 2014.

***Maintenance and repair gas turbine engines Agreement***

Sahacogen (Chonburi) Public Company Limited, a direct subsidiary, entered into a long-term service agreement with an overseas company for the maintenance and repair the gas turbine engines, whereby the service charges are as stipulated in the agreement. The agreement terminates on 31 December 2023.

***Service agreement related to delivery of electricity generated from solar power***

Sahacogen (Chonburi) Public Company Limited, a direct subsidiary, entered into a service agreement to deliver electricity generated from solar power with Saha Pathana Inter-Holding Public Company Limited, whereby the subsidiary is to deliver electricity generated from solar energy to the electricity delivery points. The agreement is for a period of 17 years, starting from March 2020, and can be renewed annually until termination.

***Biomass Fuel Purchase Agreement***

Sahagreen Forest Company Limited, an indirect subsidiary, entered into a biomass fuel purchase agreement with Siam Forestry Company Limited to purchase specified quantities at stipulated prices defined in the agreement. The agreement is effective from 21 August 2010 until termination.

***Operation and Maintenance Agreement***

Sahacogen (Chonburi) Public Company Limited, a direct subsidiary, entered into an agreement with Operational Energy Group Limited will provide management and assistance services for the operation and maintenance of the power plant, which the subsidiary is committed to pay for at prices as determined in the agreement. The agreement will be expired on 31 December 2023.

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***Electricity sales from rooftop solar cell Agreement***

On 30 August 2022, Sahacogen Green Company Limited, an indirect subsidiary, entered into agreements with Principal Healthcare Group to sell electricity from solar cell in a specified quantity and at a stipulated price as defined in the agreements. The agreement is for a period of 25 years starting from the power purchase date.

***Letters of guarantee***

As at 31 December 2022, the Group and its subsidiaries had commitments from letters of guarantee issued by financial institutions for the Group and its subsidiaries to comply with certain conditions in agreements in the amount of Baht 1,020.45 million, US Dollars 0.30 million and Australian Dollars 0.25 million. (2021: Baht 1,479.35 million, US Dollars 10.41 million and Australian Dollars 4.72 million)

***Standby Letters of Credit***

As at 31 December 2022, the Group and its subsidiaries had commitments from Standby Letters of Credit issued by financial institutions for Debt Service Reserve Guarantees and equity contributions in joint ventures in the amount of Baht 1,600 million, US Dollars 28.09 million and Japanese Yen 5.00 million. (2021: Baht 1,600 million, US Dollars 24.50 million and Japanese Yen 17.85 million)

***Unused of credit facilities***

As at 31 December 2022, the Group and its subsidiaries had unused of credit facilities totalling Baht 5,783.53 million and US Dollars 1,297.91 million. (2021: Baht 4,828.05 million and US Dollars 1,302.87 million)

***Capital commitment***

As at 31 December 2022, RATCH Cogeneration Company Limited, a direct subsidiary, had outstanding capital commitments under supervisory control and data acquisition (SCADA) agreement amounting to Baht 5.00 million.

As at 31 December 2022, Sahacogen (Chonburi) Public Company Limited, a direct subsidiary, had outstanding capital commitments under the acquisition of equipment and maintenance cogeneration power plant and the acquisition of solar rooftop equipment amounting to Baht 779.28 million, US Dollars 13.55 million and Swedish Krona 34.14 million. (2021: Baht 764.55 million, US Dollars 27.90 million and Swedish Krona 153.61 million)

***Pledge of share certificate agreements***

The Company has pledged all share certificates of RATCH Cogeneration Company Limited, a direct subsidiary, as collateral for loans to the lender of the subsidiary.

The Company has pledged all share certificates of First Korat Wind Company Limited and K.R. TWO Company Limited, direct associates, as collateral for loans to the lender of those associates.

The Group has pledged all share certificates of Xe-Pian Xe-Namnoy Power Company Limited, Ratchaburi World Cogeneration Company Limited and Hongsa Power Company Limited, joint ventures, as collateral for loans to the lender of those joint ventures.

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Fareast Renewable Development Pte. Ltd., an indirect subsidiary, has pledged partial share certificates of PT Bajradaya Sentranusa, a subsidiary of the subsidiary, as collateral for loans to the lender of PT Bajradaya Sentranusa.

The Company has pledged all share certificates of Northern Bangkok Monorail Company Limited and Eastern Bangkok Monorail Company Limited, direct associates, as collateral for loans to the lender of those companies.

NEXIF RATCH ENERGY SINGAPORE PTE. LTD., an indirect subsidiary, has pledged all share certificates of Nexif Ratch Energy Rayong Company Limited, a subsidiary of the subsidiary, as collateral for loans to the lender of Nexif Ratch Energy Rayong Company Limited.

The Company has pledged all share certificates of Hin Kong Power Company Limited, a direct joint venture, as collateral for loans to the lender of the joint venture.

***Significant litigation***

In 2014, a plaintiff filed a lawsuit against the Company based on the allegations that the Company had breached the joint development agreement for bidding of the Power Plant Project. The plaintiff demanded the Company to pay for the damage caused. The management of the Company is confident that all of the Company's action have not been in accordance with the allegations of the plaintiff and has much more confidence in strong defences. Therefore, the Company did not recognise a contingent liability in respect of this case. On 25 October 2018, the Court of First Instance issued a judgement to dismiss the claim made by the plaintiff. On 10 June 2020, the Court of Appeals issued a judgement to dismiss the claim made by the plaintiff upheld the Court of First Instance. Subsequently on 2 August 2022, the Supreme Court issued a judgement to dismiss the claim made by the plaintiff upheld the Court of Appeals. The case is finished.

In 2019, the Company was the defendant in a civil case where the plaintiff requested the Company to pay Baht 5,271.10 million for compensation. The plaintiff claimed that the Company infringement of their trade secrets by used and made the profitability from their trade secrets information without their consent. The action reportedly caused damage to the plaintiff and preventing them from receiving lost the right, income or benefits from their trade secrets information. On 30 September 2020, the Central Intellectual Property and International Trade Court issued a judgement to dismiss the claim since the trade secrets information claimed by the plaintiff has ceased. The plaintiff appealed the judgment to the Court of Appeal for Specialized Cases. Subsequently on 12 July 2022, the Court of Appeal for Specialized Cases issued a judgement to dismiss the claim made by the plaintiff upheld the Central Intellectual Property and International Trade Court. Therefore, the Company did not recognise a contingent liability in respect of this case.

**29 Events after the reporting period**

***Progress on the Purchase of Agreement in respect of Investment in Thermal Power Plant in the Republic of Indonesia***

At the Extraordinary Meeting of the Shareholders of the Company held on 21 October 2021, the shareholders approved RH International (Singapore) Corporation Pte. Ltd. ("RHIS"), an indirect subsidiary, to enter into transaction of purchase of ordinary shares of PT Paiton Energy and Minejesa Capital B.V. of 45.52% and purchase of ordinary shares of IPM Asia Pte. Ltd. of 65% and approved the Company and/or RHIS to allocate the proportion of investment at the share transferring date in accordance with the condition of the share purchase agreement.

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On 15 February 2023, RHIS has reached an arrangement. RHIS will be acquiring 36.26% of PT Paiton Energy and in Minejesa Capital B.V. and will be acquiring 65% in IPM Asia Pte. Ltd. This arrangement is in line with the Company's commercial objectives and this investment will likely deliver consistent returns to the Company. It is also a part of process to complete conditions precedent of the Sale and Purchase Agreement.

***Dividend approval for the year 2022***

At the Board of Directors meeting of the Company held on 28 February 2023, the Board approved to submit for approval at the annual general meeting of the shareholders of the Company, the appropriation of 2022 annual dividend at the rate of Baht 1.60 per share, totalling Baht 3,480 million, from the profit from operations for the year 2022 after deducting the interim dividend of Baht 0.80 per share, totalling Baht 1,740 million. The balance of dividend amounting to Baht 1,740 million is subject to the approval of the shareholders at the annual general meeting on 24 April 2023.