

THAI SOLAR ENERGY PUBLIC COMPANY LIMITED

**INTERIM CONSOLIDATED AND SEPARATE
FINANCIAL INFORMATION (UNAUDITED)**

31 MARCH 2021

AUDITOR'S REPORT ON THE REVIEW OF THE INTERIM FINANCIAL INFORMATION

To the Shareholders and the Board of Directors of Thai Solar Energy Public Company Limited

I have reviewed the interim consolidated financial information of Thai Solar Energy Public Company Limited and its subsidiaries, and the interim separate financial information of Thai Solar Energy Public Company Limited. These comprises the consolidated and separate statements of financial position as at 31 March 2021, the related consolidated and separate statements of comprehensive income, changes in equity, and cash flows for the three-month period then ended, and the condensed notes to the interim financial information. Management is responsible for the preparation and presentation of this interim consolidated and separate financial information in accordance with Thai Accounting Standard 34, "Interim Financial Reporting". My responsibility is to express a conclusion on this interim consolidated and separate financial information based on my review.

Scope of review

I conducted my review in accordance with the Thai Standard on Review Engagements 2410, "Review of interim financial information performed by the independent auditor of the entity". A review of interim financial information consists of making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with Thai Standards on Auditing and consequently does not enable me to obtain assurance that I would become aware of all significant matters that might be identified in an audit. Accordingly, I do not express an audit opinion.

Conclusion

Based on my review, nothing has come to my attention that causes me to believe that the accompanying interim consolidated and separate financial information is not prepared, in all material respects, in accordance with Thai Accounting Standard 34, "Interim Financial Reporting".

PricewaterhouseCoopers ABAS Ltd.

Nuntika Limviriyalers

Certified Public Accountant (Thailand) No. 7358

Bangkok

12 May 2021

Thai Solar Energy Public Company Limited
Statement of Financial Position
As at 31 March 2021

	Notes	Consolidated financial information		Separate financial information	
		(Unaudited)	(Audited)	(Unaudited)	(Audited)
		31 March	31 December	31 March	31 December
		2021	2020	2021	2020
		Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand
Assets					
Current assets					
		675,587	883,246	24,792	124,975
		12,667	13,748	9,095	9,096
		467	467	467	467
	7	444,245	340,859	246,404	185,269
	11.3	-	-	81,120	81,140
		33,930	22,804	-	-
		91,863	105,117	-	-
		272,766	270,518	571	602
		18,501	17,661	17,465	16,621
Total current assets		1,550,026	1,654,420	379,914	418,170
Non-current assets					
		41,306	42,349	1,050	2,300
	11.3	-	-	5,943,004	6,133,450
	11.2	-	-	1,383,683	1,383,683
	8.1	-	-	1,199,150	1,199,150
	8.2	2,032,040	1,992,688	350,000	350,000
		102,655	102,893	89,978	89,978
	9	9,956,985	10,018,473	250,421	251,570
		314,738	325,647	28,948	30,343
		50,284	50,855	-	-
	9	4,840,684	4,945,270	4,873	5,120
		21,320	21,734	-	-
		20,388	22,450	2,709	2,661
Total non-current assets		17,380,400	17,522,359	9,253,816	9,448,255
Total assets		18,930,426	19,176,779	9,633,730	9,866,425

Director _____ Director _____

The accompanying notes are an integral of these consolidated and separate financial statements.

Thai Solar Energy Public Company Limited
Statement of Financial Position (Cont'd)
As at 31 March 2021

	Notes	Consolidated financial information		Separate financial information	
		(Unaudited)	(Audited)	(Unaudited)	(Audited)
		31 March	31 December	31 March	31 December
		2021	2020	2021	2020
		Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand
Liabilities and equity					
Current liabilities					
Short-term borrowings from financial institutions	10.1	260,000	250,000	260,000	250,000
Construction and other payables		167,202	254,291	53,956	150,511
Financial liabilities measured at fair value through profit or loss - derivative liabilities	6	1,663	-	1,663	-
Current portion of right in power purchase agreement payables		807	796	-	-
Current portion of lease liabilities		27,573	28,895	8,407	8,234
Current portion of long-term borrowings	10.2	2,290,011	2,443,767	1,992,580	2,144,265
Income tax payable		1,349	1,985	-	-
Other current liabilities		28,950	70,926	4,183	5,853
Total current liabilities		2,777,555	3,050,660	2,320,789	2,558,863
Non-current liabilities					
Right in power purchase agreement payables		25,567	25,777	-	-
Lease liabilities		300,813	309,525	10,764	12,298
Long-term borrowings from financial institutions	10.2	6,254,851	6,278,580	356,671	394,386
Debentures	10.3	3,444,763	3,444,096	3,444,763	3,444,096
Financial liabilities measured at fair value through other comprehensive income - derivative liabilities	6	45,758	58,356	-	-
Employee benefit obligations		18,447	17,371	18,447	17,371
Provision for decommissioning costs		28,461	29,027	2,670	2,653
Deferred tax liabilities		43,573	43,982	4,264	4,689
Other non-current liabilities		72	72	72	72
Total non-current liabilities		10,162,305	10,206,786	3,837,651	3,875,565
Total liabilities		12,939,860	13,257,446	6,158,440	6,434,428

The accompanying notes are an integral of these consolidated and separate financial statements.

Thai Solar Energy Public Company Limited
Statement of Financial Position (Cont'd)
As at 31 March 2021

	Consolidated		Separate	
	financial information		financial information	
	(Unaudited)	(Audited)	(Unaudited)	(Audited)
	31 March	31 December	31 March	31 December
	2021	2020	2021	2020
	Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand
Liabilities and equity (Cont'd)				
Equity				
Share capital				
Authorised share capital				
Ordinary shares 2,477,474,454 shares of par Baht 1 each	2,477,474	2,477,474	2,477,474	2,477,474
Issued and paid-up share capital				
Ordinary shares 2,117,716,281 shares of fully-paid	2,117,716	2,117,716	2,117,716	2,117,716
Premium on ordinary shares	1,045,504	1,045,504	1,045,504	1,045,504
Retained earnings				
Appropriated-legal reserve	107,366	106,758	80,091	80,091
Unappropriated	3,067,304	2,865,347	231,979	188,686
Other components of equity	(349,302)	(218,023)	-	-
Equity attributable to owners of the parent	5,988,588	5,917,302	3,475,290	3,431,997
Non-controlling interests	1,978	2,031	-	-
Total equity	5,990,566	5,919,333	3,475,290	3,431,997
Total liabilities and equity	18,930,426	19,176,779	9,633,730	9,866,425

The accompanying notes are an integral of these consolidated and separate financial statements.

Thai Solar Energy Public Company Limited
Statement of Comprehensive Income (Unaudited)
For the three-month period ended 31 March 2021

	Consolidated		Separate	
	financial information□		financial information□	
	31 March 2021	31 March 2020	31 March 2021	31 March 2020
Notes	Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand
Revenue from sales	317,367	318,579	-	-
Subsidy for adders	42,103	41,115	-	-
Management service fee income	11,934	11,365	28,704	27,506
Total revenue	371,404	371,059	28,704	27,506
Cost of sales and services	(269,806)	(241,462)	(23,618)	(25,328)
Gross profit	101,598	129,597	5,086	2,178
Dividends income	11.1	-	159,538	154,350
Other income	1,975	4,708	3,976	5,203
Administrative expenses	(47,452)	(65,732)	(27,343)	(32,408)
Gain (loss) from exchange rate	43,910	(167,472)	(36,323)	137,762
Finance costs	(84,691)	(62,537)	(62,065)	(80,822)
Share of profit from investment in joint ventures	8.2	187,402	-	-
Profit before income tax	202,742	7,153	42,869	186,263
Income tax	(217)	(663)	424	646
Profit for the period	202,525	6,490	43,293	186,909
Other comprehensive income for the period:				
Items that will be reclassified subsequently to profit or loss:				
Currency translation differences	(142,660)	515,158	-	-
Change in fair value of hedge derivatives	11,368	(7,740)	-	-
Total comprehensive income for the period	71,233	513,908	43,293	186,909
Profit attributable to:				
Owners of the parent	202,565	6,531	43,293	186,909
Non-controlling interests	(40)	(41)	-	-
	202,525	6,490	43,293	186,909
Total comprehensive income attributable to:				
Owners of the parent	71,286	513,607	43,293	186,909
Non-controlling interests	(53)	301	-	-
	71,233	513,908	43,293	186,909
	Baht	Baht	Baht	Baht
Earnings per share				
Basic earnings per share	0.10	0.003	0.02	0.09

The accompanying notes form part of this interim financial information.

Thai Solar Energy Public Company Limited
Statement of Changes in Equity (Unaudited)
For the three-month period ended 31 March 2021

	Consolidated financial information									
	Attribute to owners of the parent									
	Issued and called-up share capital	Premium on ordinary capital	Retained earnings		Other components of equity			Total owners of the parent	Non-controlling interests	Total
			Appropriated - legal reserve	Unappropriated	Changes in parent's ownership interest in subsidiaries	Translation of financial statements	Fair value of hedging derivatives			
Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand	
Opening balance at 1 January 2020	2,117,716	1,045,504	81,304	2,829,383	(18,292)	(455,015)	(47,853)	5,552,747	4,324	5,557,071
Change in equity for the period										
Appropriation of legal reserve	-	-	2,970	(2,970)	-	-	-	-	-	-
Cash dividends	-	-	-	(254,125)	-	-	-	(254,125)	-	(254,125)
Total comprehensive income for the period	-	-	-	6,531	-	514,816	(7,740)	513,607	301	513,908
Closing balance at 31 March 2020	2,117,716	1,045,504	84,274	2,578,819	(18,292)	59,801	(55,593)	5,812,229	4,625	5,816,854
Opening balance at 1 January 2021	2,117,716	1,045,504	106,758	2,865,347	(18,292)	(143,759)	(55,972)	5,917,302	2,031	5,919,333
Change in equity for the period										
Appropriation of legal reserve	-	-	608	(608)	-	-	-	-	-	-
Total comprehensive income for the period	-	-	-	202,565	-	(142,647)	11,368	71,286	(53)	71,233
Closing balance at 31 March 2021	2,117,716	1,045,504	107,366	3,067,304	(18,292)	(286,406)	(44,604)	5,988,588	1,978	5,990,566

The accompanying notes form part of this interim financial information.

Thai Solar Energy Public Company Limited
Statement of Changes in Equity (Unaudited) (Cont'd)
For the three-month period ended 31 March 2021

	Separate financial information				Total Baht Thousand
	Issued and called-up share capital Baht Thousand	Premium on ordinary capital Baht Thousand	Retained earnings		
			Appropriated - legal reserve Baht Thousand	Unappropriated Baht Thousand	
Opening balance at 1 January 2020	2,117,716	1,045,504	67,603	355,358	3,586,181
Change in equity for the period					
Cash dividends	-	-	-	(254,125)	(254,125)
Total comprehensive income for the period	-	-	-	186,909	186,909
Closing balance at 31 March 2020	<u>2,117,716</u>	<u>1,045,504</u>	<u>67,603</u>	<u>288,142</u>	<u>3,518,965</u>
Opening balance at 1 January 2021	2,117,716	1,045,504	80,091	188,686	3,431,997
Change in equity for the period					
Total comprehensive income for the period	-	-	-	43,293	43,293
Closing balance at 31 March 2021	<u>2,117,716</u>	<u>1,045,504</u>	<u>80,091</u>	<u>231,979</u>	<u>3,475,290</u>

The accompanying notes form part of this interim financial information.

Thai Solar Energy Public Company Limited
Statement of Cash Flows (Unaudited)
For the three-month period ended 31 March 2021

	Consolidated		Separate	
	financial information□		financial information□	
	31 March 2021	31 March 2020	31 March 2021	31 March 2020
Notes	Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand
Cash flows from operating activities				
Profit before income tax	202,742	7,153	42,869	186,263
Adjustments for:				
Depreciation	91,135	74,049	3,434	3,268
Amortisation	9 13,645	14,205	491	514
Share of profit from investments in joint ventures	8.2 (187,402)	(168,589)	-	-
Provision for long-term employee benefits obligations	1,076	962	1,076	962
Unrealised (gain) loss on exchange	(193,980)	(986)	35,190	(306,872)
Fair value loss on trading securities	-	422	-	422
Loss from impairment of assets	-	13,735	-	-
Loss (gain) from disposal of equipments	9 4,507	522	(4)	-
Gain from disposal of financial assets measured through profit or loss	-	(561)	-	(561)
Dividends income	-	-	(159,538)	(154,350)
Interest income	(93)	(85)	(3,704)	(4,384)
Finance costs	84,691	62,537	62,065	80,822
Loss from impairment of goodwill	571	203	-	-
	16,892	3,567	(18,121)	(193,916)
Changes in operating assets and liabilities				
Trade and other receivables	(33,729)	(41,591)	(3,522)	9,364
Inventories	(11,125)	(11,929)	-	-
Refundable Value Added Tax	13,254	(753)	-	-
Undue input Value Added Tax	(2,247)	-	31	-
Other current assets	4	(27,049)	-	69
Other non-current assets	2,066	(836)	(51)	(1,124)
Other payables	(75,565)	(24,527)	14,613	176,154
Other current liabilities	(41,977)	2,434	(1,670)	(1,995)
Cash flows used in operating activities	(132,427)	(100,684)	(8,720)	(11,448)
<u>Less</u> Income tax paid	(1,707)	(3,797)	(846)	(961)
Net cash used in operating activities	(134,134)	(104,481)	(9,566)	(12,409)

The accompanying notes form part of this interim financial information.

Thai Solar Energy Public Company Limited
Statement of Cash Flows (Unaudited) (Cont'd)
For the three-month period ended 31 March 2021

	Notes	Consolidated financial information□		Separate financial information□	
		31 March 2021	31 March 2020	31 March 2021	31 March 2020
		Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand
Cash flows from investing activities					
Decrease in restricted bank deposits		2,125	3,779	1,251	3,675
Purchase of short-term investments		-	(70,001)	-	(70,001)
Proceeds from disposals of short-term investments		-	220,713	-	220,713
Short-term loans made to subsidiaries		-	-	-	(21,300)
Short-term loans repayments received from subsidiaries		-	-	-	18,400
Long-term loans made to subsidiaries	11.3	-	-	(21,620)	(318,550)
Long-term loans repayments received from subsidiaries	11.3	-	-	127,266	15,400
Purchase of property, plant and equipment		(187,340)	(291,478)	(175)	(753)
Proceeds from disposals of equipment		-	428	4	-
Purchase of intangible asset	9	(244)	(192)	(244)	-
Interest received		4	20,469	4,065	3,327
Dividends received		100,388	153,300	100,388	153,300
Net cash (used in) from investing activities		(85,067)	37,018	210,935	4,211
Cash flows from financing activities					
Proceed from short-term loans from financial institutions, net of financial service fee	10.1	10,000	78,436	10,000	78,436
Repayment to lease liabilities		(10,885)	(4,846)	(2,281)	(2,091)
Proceeds from long-term borrowings, net of financial service fee	10.2	188,705	-	-	-
Repayment to long-term borrowings	10.2	(199,710)	(97,614)	(137,269)	(23,900)
Cash dividends payment		-	-	(105,885)	-
Interest expenses and financial service fee		(81,336)	(84,827)	(66,124)	(48,625)
Net cash (used in) from financing activities		(93,226)	(108,851)	(301,559)	3,820

The accompanying notes form part of this interim financial information.

Thai Solar Energy Public Company Limited
Statement of Cash Flows (Unaudited) (Cont'd)
For the three-month period ended 31 March 2021

	Consolidated financial information□		Separate financial information□	
	31 March 2021	31 March 2020	31 March 2021	31 March 2020
	Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand
Net decrease in cash and cash equivalents	(312,427)	(176,314)	(100,190)	(4,378)
Cash and cash equivalents at beginning of the period	883,246	643,594	124,975	43,844
Effect of exchange differences on cash and cash equivalents	313	(228)	7	16
Effect of exchange differences on translation of financial statements	104,455	245,317	-	-
Cash and cash equivalents at end of the period	675,587	712,369	24,792	39,482
Non-cash transactions				
Significant non-cash transactions are as follows:				
Payables arising from construction and purchases of equipment	12,983	1,609	-	-
Transfer borrowing cost to property, plant and equipment and intangible assets	4,554	52,359	-	-

The accompanying notes form part of this interim financial information.

1 General information

Thai Solar Energy Public Company Limited (“the Company”) is a public company limited which is incorporated and domiciled in Thailand. The Company is listed on the Stock Exchange of Thailand and its parent company is P.M. Energy Company Limited (incorporated in Thailand) (“Parent Company”). The address of the Company’s registered office is as follows:

725 Metropolis Building, 19th Floor, Sukhumvit Rd., Klongton Nua, Wattana, Bangkok.

For reporting purposes the Company, its subsidiaries and joint venture are referred to as “the Group”.

The principal business operations of the Group are generation and distribution of electricity from solar power and biomass to government and private company.

The interim consolidated and separate financial information was authorised for issue by the Board of Directors on 12 May 2021.

This interim consolidated and separate financial information has been reviewed, not audited.

2 Basis of preparation

The interim consolidated and separated financial information has been prepared in accordance with Thai Accounting Standard (TAS) no. 34, Interim Financial Reporting and other financial reporting requirements issued under the Securities and Exchange Act.

The interim financial information should be read in conjunction with the annual financial statements for the year ended 31 December 2020.

An English version of these interim financial information has been prepared from the interim financial information that is in the Thai language. In the event of a conflict or a difference in interpretation between the two languages, the Thai language interim financial information shall prevail.

3 Accounting policies

The accounting policies used in the preparation of the interim financial information are consistent with those used in the annual financial statements for the year ended 31 December 2020, except for the following.

New and amended financial reporting standards that are effective for accounting period beginning or after 1 January 2021 and relevant to the Group

Amendment to TFRS 3 - Business Combinations

Since 1 January 2021, the Group adopt the amendment to TFRS 3 - Business Combinations. The amended definition of business requires a business acquisition to include, at least an input and a substantive process that together significantly contribute to the ability to create outputs. The definition of the term ‘outputs’ is amended to focus on goods and services provided to customers, and it excludes returns in the form of lower costs and other economic benefits. The amendments will likely result in more acquisitions being accounted for as asset acquisitions.

The Group’s management assessed the impact of adoption of this amendment is immaterial to the Group.

4 Estimates

The preparation of interim financial information requires management to make judgements, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets and liabilities, income and expense. Actual results may differ from these estimates.

Thai Solar Energy Public Company Limited
Condensed Notes to Interim Financial Information (Unaudited)
For the interim period ended 31 March 2021

5 Segment and revenue information

The principal business operations of the Group are generation and distribution of electricity from solar power and biomass and operating its business in Thailand and in Japan. Segment information is presented in respect of the Group's geography segments which are domestic and international. The two segments presented were classified and reviewed by authorised persons which are Chief Executive Officer and the Executive Committee.

Financial information by geography segment

	For the three-month period ended 31 March (Million Baht)									
	Domestic		International		Total		Elimination		Total	
	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020
Revenue from operations	330.95	325.39	59.74	61.98	390.69	387.37	(19.29)	(16.31)	371.40	371.06
Other income	4.31	8.57	1.36	0.51	5.67	9.08	(3.69)	(4.37)	1.98	4.71
Dividends income	173.24	154.35	-	-	173.24	154.35	(173.24)	(154.35)	-	-
Cost of operations	(212.36)	(191.78)	(57.38)	(48.39)	(269.74)	(240.17)	(0.07)	(1.29)	(269.81)	(241.46)
Operating profit	296.14	296.53	3.72	14.10	299.86	310.63	(196.29)	(176.32)	103.57	134.31
Administrative expenses	(53.28)	(71.36)	(13.24)	(11.90)	(66.52)	(83.26)	19.07	17.53	(47.45)	(65.73)
Profit (loss) before finance cost and taxes	242.86	225.17	(9.52)	2.20	233.34	227.37	(177.22)	(158.79)	56.12	68.58
Finance costs	(82.75)	(107.45)	(10.18)	(11.82)	(92.93)	(119.27)	8.24	56.73	(84.69)	(62.54)
(Loss) gain from exchange rate	(21.37)	81.08	(2.38)	(2.57)	(23.75)	78.51	67.66	(245.99)	43.91	(167.48)
Share of profit from investments in joint ventures	187.40	168.59	-	-	187.40	168.59	-	-	187.40	168.59
Operating results before taxes	326.14	367.39	(22.08)	(12.19)	304.06	355.20	(101.32)	(348.05)	202.74	7.15
Income tax	0.46	0.65	(0.68)	(1.31)	(0.22)	(0.66)	-	-	(0.22)	(0.66)
Net profit (loss)	326.60	368.04	(22.76)	(13.50)	303.84	354.54	(101.32)	(348.05)	202.52	6.49
Timing of revenue recognition										
At a point in time									359.47	359.69
Over time									11.93	11.37
Total revenue									371.40	371.06
Total assets	18,497.02	19,082.84	10,530.70	8,697.92	29,027.72	27,780.76	(10,097.29)	(10,825.38)	18,930.43	16,955.38
Total liabilities	13,300.22	14,100.35	7,771.09	5,550.23	21,071.31	19,650.58	(8,131.45)	(8,512.06)	12,939.86	11,138.52

6 Fair value

The following table presents financial assets and liabilities that are measured at fair value, excluding where its fair value is approximating the carrying amount.

	Consolidated financial information	
	Level 2	
	31 March 2021	31 December 2020
	Baht Thousand	Baht Thousand
Financial liabilities		
Hedging derivatives - Interest rate swaps	45,758	58,356
Derivatives - Foreign currency forwards	1,663	-
	Separate financial information	
	Level 2	
	31 March 2021	31 December 2020
	Baht Thousand	Baht Thousand
Financial liabilities		
Derivatives - Foreign currency forwards	1,663	-

Valuation techniques used to measure fair value level 2

Fair value of interest rate swaps are calculated as the present value of the estimated future cash flows based on observable yield curve.

The fair value of forward foreign exchange contracts is determined by using forward exchange rates on the statement of financial position date, with the resulting value discounted back to present value.

7 Trade receivables

Trade and other receivables as at 31 March 2021 and 31 December 2020 comprise the following:

	Consolidated financial information		Separate financial information	
	31 March 2021	31 December 2020	31 March 2021	31 December 2020
	Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand
Trade receivables	242,713	208,664	-	-
<u>Less</u> Expected credit loss	-	-	-	-
Total trade receivables, net	242,713	208,664	-	-
Amounts due from and advances to related parties	4,257	4,256	85,678	84,186
Prepaid expenses	32,514	23,758	2,648	2,747
Dividends receivable	148,050	88,900	148,050	88,900
Other receivables	14,678	15,097	9,994	10,125
Advance payment	2,928	1,079	929	206
Total other receivables	202,427	133,090	247,299	186,164
<u>Less</u> Expected credit loss	(895)	(895)	(895)	(895)
Total other receivables, net	201,532	132,195	246,404	185,269
Total trade and other receivables	444,245	340,859	246,404	185,269

All outstanding trade receivables are not yet due.

8 Investments in subsidiaries and joint ventures

8.1 Movements of investments in subsidiaries

During the period ended 31 March 2021, there is no movement in the investments in subsidiaries.

8.2 Movements of investments in joint ventures

Movements of investments in joint ventures for three-month period ended 31 March 2021 and 2020 are as follows:

	Consolidated financial information		Separate financial information	
	Equity method		Cost method	
	2021	2020	2021	2020
	Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand
Opening net book value	1,992,688	1,840,055	350,000	350,000
Share of profit	187,402	168,589	-	-
Dividends received	(148,050)	(154,350)	-	-
Closing net book value	2,032,040	1,854,294	350,000	350,000

Thai Solar Renewable Company Limited, joint venture, has pledged share certificates of its subsidiary, Siam Solar Energy 1 Company Limited, amounting to Baht 1,080 million (31 December 2020: Baht 1,080 million) as collateral for the subsidiary's credit facilities granted by a commercial bank. In addition, Siam Solar Energy 1 Company Limited has mortgaged its land including constructions thereon and machinery with a total net book value of Baht 4,466.05 million (31 December 2020: Baht 4,523.59 million) and pledged bank deposits amounting to Baht 349 million (31 December 2020: Baht 264 million) as collateral for credit facilities granted by a commercial bank.

9 Property, plant and equipment and intangible assets

Movements of property, plant and equipment and intangible assets for the three-month period ended 31 March 2021 are as follows:

	Consolidated financial information		Separate financial information	
	Property, plant and equipment	Intangible assets	Property, plant and equipment	Intangible assets
	Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand
Opening net book value	10,018,473	4,945,270	251,570	5,120
Additions	182,409	244	175	244
Disposals and write-off, net	(4,507)	-	-	-
Depreciation and amortisation	(81,865)	(13,645)	(1,324)	(491)
Foreign currency translation differences	(157,525)	(91,185)	-	-
Closing net book value	9,956,985	4,840,684	250,421	4,873

Borrowing costs incurring from the borrowings for the construction of the power plants during the period were capitalised in property, plant and equipment and included as "Additions" for Baht 25.62 million. The Group used the capitalisation rates of 3.01 % to 4.58% per annum to calculate the borrowing costs for the capitalisation. The capitalisation rate is the actual rate of the borrowings which were used for the construction.

Land, building and equipment with the net book value amounting to Baht 8,138.12 million have been pledged as collaterals for credit facilities obtained from commercial bank.

10 Borrowings

10.1 Short-term borrowings from financial institutions

Movements in short-term borrowings from financial institutions for the three-month period ended 31 March 2021 are analysed as follows:

	Consolidated and Separate financial information Baht Thousand
Opening net book value	250,000
Cash inflows: Additions	10,000
Closing net book value	260,000

At 31 March 2021, the short-term borrowings comprised promissory notes issued to two financial institutions amounting to Baht 10 million and Baht 250 million with interest rate of 2.65% and 2.95% per annum. The principal repayments are due by 27 April 2021 and 28 May 2021 respectively.

10.2 Long-term borrowings from financial institutions

Movements in long-term borrowings from financial institutions for the three-month period ended 31 March 2021 are analysed as follows:

	Consolidated financial information Baht Thousand	Separate financial information Baht Thousand
Opening net book value	8,722,347	2,538,651
Cash inflows (outflows): Additions	188,705	-
Repayment	(199,710)	(137,269)
Non-cash changes: Foreign currency translation differences	(169,082)	(52,453)
Amortisation of financial service fee	2,602	322
Closing net book value	8,544,862	2,349,251
<u>Less</u> Current portion of long-term borrowings	(2,290,011)	(1,992,580)
Long-term borrowings payable more than 1 year	6,254,851	356,671

The long-term borrowings from financial institutions of the Group are secured by the pledge and the assignment of rights over the Group's bank deposits, land with construction thereon and machinery, the assignment of rights under all project agreements, pledge of the certain shares held by the subsidiaries and the jointly controlled entity's shares held by the Company, pledge of the Company's shares that held by P.M. Energy Company Limited, shares of subsidiaries, and the right to receive dividends from subsidiaries and jointly controlled companies, and guarantee by the Company.

The loan agreements contain covenants imposed on the Group as specified in the agreements, related to such matters as dividend payment, reduction of share capital, merger or consolidation with any other entities and maintenance of certain debt to equity and debt service coverage ratios.

10.3 Debentures

There was no movement of debentures during the three-month period ended 31 March 2021.

11 Related party transactions

11.1 Sales of services and dividends

	Consolidated financial information		Separate financial information	
	31 March 2021	31 March 2020	31 March 2021	31 March 2020
	Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand
For the three-month period ended				
Sales of services				
Subsidiaries	-	-	16,770	13,032
Joint venture	12,053	11,479	12,053	11,479
	12,053	11,479	28,823	24,511
Dividends income				
Subsidiaries	-	-	11,488	-
Joint venture	-	-	148,050	154,350
	-	-	159,538	154,350

11.2 Outstanding balances arising from sales/purchases of goods and services

	Consolidated financial information		Separate financial information	
	31 March 2021	31 December 2020	31 March 2021	31 December 2020
	Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand
Amounts due from and advances to related parties				
Subsidiaries	-	-	81,422	79,929
Joint venture	4,256	4,256	4,256	4,256
	4,256	4,256	85,678	84,185
Dividends receivable				
Joint venture	148,050	88,900	148,050	88,900
Receivables from disposal of investments				
Subsidiaries	-	-	1,383,683	1,383,683

11.3 Long-term loans to subsidiaries

The movements of long-term loans to subsidiaries during the three-month period ended 31 March 2021 are as follows:

	Separate financial information 31 March 2021 Baht Thousand
Opening net book value	6,214,590
Cash inflows (outflows):	
Additions	21,620
Repayment received	(127,266)
Non-cash changes:	
Foreign currency translation differences	(84,820)
Closing net book value	6,024,124

Long-term loans to subsidiaries are in form of loan agreements denominated in Japanese Yen, Singapore Dollar and Thai Baht. Loans amounting to Baht 5,700.15 million carry interests at 0% and the remaining amount carry interests the rates 4.3% and 6.0% per annum which are due for repayment at call, and within 2021 and 2028, respectively.

The management do not have intention to call the for repayment of loans due at call in the next 12 months and classify these loans as long-term accordingly.

11.4 Key management compensation

For the three-month period ended	Consolidated financial information		Separate financial information	
	31 March 2021	31 March 2020	31 March 2021	31 March 2020
	Baht Thousand	Baht Thousand	Baht Thousand	Baht Thousand
Short-term employee benefits	9,542	10,438	4,947	5,921
Post-employment benefits	407	393	407	393
	9,949	10,831	5,354	6,314

12 Commitments and contingencies

12.1 Capital commitments

As at 31 March 2021 and 31 December 2020, capital expenditure contracted but not recognised as liabilities are as follows:

	Currency	Consolidated and Separate financial information	
		31 March 2021	31 December 2020
Power plants	THB Thousand	143,571	106,724
Power plants	USD Thousand	37,841	40,987
Power plants	JPY Thousand	14,773,350	14,773,350

12.2 Power purchase agreements

During the three-month period ended 31 March 2021, the Group does not have new power purchase agreements in addition to those agreements disclosed in Note 39.2 to the 2020 annual financial statements.

12.3 Commitments and significant agreements

During the three-month period ended 31 March 2021, there is no material change in significant commitments and agreements from those disclosed in Note 39.3 to the 2020 annual financial statements.

12.4 Commitments and significant agreements

Guarantees

As at 31 March 2021, there were outstanding bank guarantees of Baht 6 million (31 December 2020: Baht 6 million) issued by banks on behalf of the Company and its subsidiaries in respect of certain performance as required in the normal course of business.