GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED

INTERIM CONSOLIDATED AND SEPARATE FINANCIAL INFORMATION (UNAUDITED)

30 JUNE 2021

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

To the Shareholders and the Board of Directors of Global Power Synergy Public Company Limited

I have reviewed the interim consolidated financial information of Global Power Synergy Public Company Limited and its subsidiaries, and the interim separate financial information of Global Power Synergy Public Company Limited. These comprise the consolidated and separate statements of financial position as at 30 June 2021, the related consolidated and separate statements of income for the three-month and six-month periods then ended, the related consolidated and separate statements of changes in equity, and cash flows for the six-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.

Amornrat Pearmpoonvatanasuk Certified Public Accountant (Thailand) No. 4599 Bangkok 6 August 2021

		4	Consolidated inancial information	Separate financial information			
	-	Unaudited	Audited	Unaudited	Audited		
		30 June	31 December	30 June	31 December		
		2021	2020	2021	2020		
	Notes	Baht	Baht	Baht	Baht		
Assets	110100						
Current assets							
Cash and cash equivalents	8	19,963,337,186	20,288,891,201	7,252,242,543	10,655,182,886		
Deposits at financial institutions used as collateral	9	274,324,837	261,315,153	-	-		
Financial assets measured at amortised cost	10	3,282,191,128	2,273,000,000	2,800,000,000	-		
Trade receivables	11,21	9,475,222,619	9,084,326,455	2,774,961,279	3,338,336,345		
Current portion of finance lease receivable		1,385,077,563	1,173,972,300	833,244,783	741,395,052		
Other receivables	21	1,034,186,931	769,836,005	291,065,324	271,335,191		
Dividend receivables	21	99,866,674	59,266,673	217,157,150	251,784,237		
Short-term loans to related parties	21	847,827,391	-	847,827,391	1,778,079,994		
Current portion of long-term loans to related parties	21	91,744,400	-	139,504,400	47,760,000		
Fuel, spare parts and supplies, net		6,577,332,817	6,253,429,526	591,676,776	571,478,695		
Derivative assets		67,782,378	53,803,090	-	-		
Assets held-for-sale	12	-	3,012,510,761	-	465,500,000		
Other current assets		203,754,829	223,892,253	113,692,134	139,313,391		
Total current assets		43,302,648,753	43,454,243,417	15,861,371,780	18,260,165,791		
Non-current assets							
Finance lease receivable, net		5,672,875,532	6,071,940,010	3,092,817,570	3,313,500,088		
Deposits at financial institutions used as collateral	9	200,000,000	200,000,000	-	-		
Investments in associates	12	9,322,780,113	8,250,764,371	1,871,466,269	923,750,000		
Investments in joint ventures	12	3,021,878,225	2,914,514,682	2,814,729,090	2,814,729,090		
Investments in subsidiaries	12	-	-	146,452,746,883	146,425,171,748		
Financial assets measured at							
fair value through other comprehensive income	13	3,429,870,535	2,723,464,935	2,868,517,545	2,660,964,935		
Long-term loans to and interest receivables							
from related parties, net	21	4,187,545,563	3,487,256,243	4,022,635,010	3,346,225,691		
Property, plant and equipment, net	14	99,428,003,986	99,977,536,257	17,785,773,335	17,852,645,608		
Assets not used in operation, net		103,771,325	103,771,325	-	-		
Intangible assets, net	14	42,930,114,657	43,983,566,614	237,927,821	203,440,319		
Right-of-use assets, net	15	2,805,100,312	2,795,631,006	582,181,780	569,764,214		
Goodwill		36,104,733,898	36,104,755,353	-	-		
Deferred tax assets, net		3,253,422,299	3,356,568,673	-	-		
Derivative assets		72,262,460	70,848,044	-	-		
Other non-current assets, net	21	3,304,893,964	3,161,457,450	220,341,317	281,692,653		
Total non-current assets		213,837,252,869	213,202,074,963	179,949,136,620	178,391,884,346		
Total assets		257,139,901,622	256,656,318,380	195,810,508,400	196,652,050,137		

For Director			
Date			

As at 30 June 2021

			Consolidated	•			
	,		financial information		inancial information		
		Unaudited	Audited	Unaudited	Audited		
		30 June	31 December	30 June	31 December		
		2021	2020	2021	2020		
	Notes	Baht	Baht	Baht	Baht		
Liabilities and equity							
Current liabilities							
Trade payables	21	4,681,039,470	3,951,572,600	1,262,909,436	1,441,167,241		
Other payables	21	2,722,942,389	2,794,293,248	1,023,335,891	1,186,535,204		
Payable for assets under construction		1,627,406,885	1,600,198,310	309,995,926	445,336,163		
Current portion of lease liabilities, net		158,997,562	134,068,739	57,561,285	56,968,543		
Current portion of long-term loans from							
financial institutions, net	16	6,209,860,158	2,940,149,611	598,150,000	1,106,382,393		
Current portion of long-term loans from							
related parties	21	-	-	850,629,500	-		
Current portion of debentures, net	17	13,051,030,248	9,053,168,577	3,499,697,582	3,499,092,747		
Derivative liabilities		345,836,127	98,426,975	-	394,203		
Liabilities held-for-sale	12	-	159,184,422	-	-		
Retentions		258,827,902	-	258,827,902	-		
Other current liabilities		1,372,600,255	1,332,070,910	189,799,633	139,405,972		
Total current liabilities		30,428,540,996	22,063,133,392	8,050,907,155	7,875,282,466		
Non-current liabilities							
Lease liabilities, net		2,764,340,002	2,719,537,650	544,470,188	517,396,458		
Derivative liabilities		1,138,292,424	1,955,427,871	-	-		
Long-term loans from financial institutions, net	16	39,366,138,583	43,812,541,992	7,794,025,000	18,217,043,277		
Long-term loans from related parties	21	-	-	9,547,955,750	-		
Debentures, net	17	44,442,074,515	48,508,743,724	41,452,646,897	41,449,108,553		
Provisions for employee benefits		791,547,360	755,009,621	538,358,485	512,314,651		
Deferred tax liabilities, net		9,828,859,198	9,917,773,777	106,233,085	70,181,002		
Retentions		-	256,441,942	-	253,947,768		
Other non-current liabilities	18,21	14,833,365,637	14,800,339,408	371,165,444	378,187,946		
Total non-current liabilities		113,164,617,719	122,725,815,985	60,354,854,849	61,398,179,655		
Total liabilities		143,593,158,715	144,788,949,377	68,405,762,004	69,273,462,121		

		Consolidated	Separate			
		financial information	financial information			
	Unaudited	Audited	Unaudited	Audited		
	30 June	31 December	30 June	31 December		
	2021	2020	2021	2020		
	Baht	Baht	Baht	Baht		
				<u>. </u>		
Liabilities and equity (continued)						
Equity						
Share capital						
Authorised share capital						
2,819,729,371 ordinary shares at par value of						
Baht 10 per share	28,197,293,710	28,197,293,710	28,197,293,710	28,197,293,710		
·				<u> </u>		
Issued and paid-up share capital						
2,819,729,367 ordinary shares paid-up at						
Baht 10 per share	28,197,293,670	28,197,293,670	28,197,293,670	28,197,293,670		
Premium on ordinary shares	70,175,900,837	70,175,900,837	70,175,900,837	70,175,900,837		
Deficit from the change in the ownership interests						
in subsidiaries	(14,991,990,030)	(14,991,990,030)	-	-		
Other surpluses (deficits)	(1,118,213,914)	(1,118,213,914)	78,467,400	78,467,400		
Retained earnings						
Appropriated						
Legal reserve	1,843,125,793	1,843,125,793	1,843,125,793	1,843,125,793		
Unappropriated	21,703,535,508	20,247,678,550	27,571,313,564	27,711,591,475		
Other components of equity	(1,227,612,236)	(1,452,405,872)	(461,354,868)	(627,791,159)		
Equity attributable to owners of the parent	104,582,039,628	102,901,389,034	127,404,746,396	127,378,588,016		
Non-controlling interests	8,964,703,279	8,965,979,969	-			
Total equity	113,546,742,907	111,867,369,003	127,404,746,396	127,378,588,016		
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Total liabilities and equity	257,139,901,622	256,656,318,380	195,810,508,400	196,652,050,137		

			Consolidated	ed Separate			
		fin	ancial information	fina	ncial information		
		2021	2020	2021	2020		
	Notes	Baht	Baht	Baht	Baht		
Revenue from sales and services		18,056,672,770	17,930,956,880	4,927,320,654	4,527,097,813		
Revenue from finance lease		177,420,301	207,055,458	126,503,450	135,992,575		
Cost of sales and services		(14,895,344,266)	(14,565,654,667)	(4,107,074,730)	(3,748,345,367)		
Gross profit		3,338,748,805	3,572,357,671	946,749,374	914,745,021		
Dividend income	12,13	2,701,875	3,004,000	865,991,894	1,964,873,966		
Other income		520,674,513	368,546,701	69,535,045	74,653,604		
Currency exchange gain (loss), net		(55,727,649)	(23,743,327)	57,479,238	(260,291,068)		
Administrative expenses		(545,197,474)	(485,667,037)	(307,667,414)	(314,098,460)		
Gain (loss) from measurement of							
financial instruments, net		(12,322,672)	18,629,176	277,305	(2,958,468)		
Finance costs		(986,849,378)	(991,455,459)	(423,805,038)	(392,364,012)		
Share of profit from investments in associates							
and joint ventures, net		519,252,633	109,674,009	-			
Profit before income tax		2,781,280,653	2,571,345,734	1,208,560,404	1,984,560,583		
Income tax	19	(347,554,073)	(283,579,338)	(43,316,799)	46,221,171		
Profit for the period		2,433,726,580	2,287,766,396	1,165,243,605	2,030,781,754		
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Profit attributable to							
Owners of the parent		2,302,107,335	1,895,971,026	1,165,243,605	2,030,781,754		
Non-controlling interests		131,619,245	391,795,370	-			
		2,433,726,580	2,287,766,396	1,165,243,605	2,030,781,754		
Earnings per share							
Basic earnings per share		0.82	0.67	0.41	0.72		
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		Consolidated	Separate			
	fina	ncial information	fina	ncial information		
	2021	2020	2021	2020		
	Baht	Baht	Baht	Baht		
Profit for the period	2,433,726,580	2,287,766,396	1,165,243,605	2,030,781,754		
Other comprehensive income (expense) :						
Items that will be reclassified subsequently						
to profit or loss						
Cash flow hedges	(33,849,774)	(9,470,190)	(285,908)	(652,735)		
Costs of hedging	48,583,641	9,079,581	16,627	(931,711)		
Share of other comprehensive income (expense)						
from investments in associates and joint ventures	(91,870,318)	280,198,081	-	-		
Exchange differences on translation						
of financial information	60,348,921	(123,088,189)	_	-		
Income tax on items that will be reclassified		, , , ,				
subsequently to profit or loss	(7,000,197)	6,881,123	_	-		
Total items that will be reclassified subsequently						
to profit or loss, net of tax	(23,787,727)	163,600,406	(269,281)	(1,584,446)		
Items that will not be reclassified subsequently						
to profit or loss						
Gain from remeasurement of equity investments						
at fair value through other comprehensive income	98,247,136	17,553,194	98,247,136	17,553,197		
Income tax on items that will not be reclassified						
subsequently to profit or loss	(19,649,427)	(3,510,639)	(19,649,427)	(3,510,639)		
Total items that will not be reclassified subsequently				,		
to profit or loss, net of tax	78,597,709	14,042,555	78,597,709	14,042,558		
Other comprehensive income						
for the period, net of tax	54,809,982	177,642,961	78,328,428	12,458,112		
Total comprehensive income for the period	2,488,536,562	2,465,409,357	1,243,572,033	2,043,239,866		
			_			
Total comprehensive income attributable to						
Owners of the parent	2,357,931,090	2,085,783,050	1,243,572,033	2,043,239,866		
Non-controlling interests	130,605,472	379,626,307	_	-		
5						
	2,488,536,562	2,465,409,357	1,243,572,033	2,043,239,866		
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			Consolidated	•			
			ancial information		ncial information		
		2021	2020	2021	2020		
	Notes	Baht	Baht	Baht	Baht		
Revenue from sales and services		34,535,445,181	36,021,402,202	10,118,535,440	9,114,361,148		
Revenue from finance lease		323,013,299	424,637,288	258,754,912	276,196,099		
Cost of sales and services		(28,209,721,959)	(29,560,682,927)	(8,455,076,016)	(7,841,105,104)		
Gross profit		6,648,736,521	6,885,356,563	1,922,214,336	1,549,452,143		
Dividend income	12,13	92,701,875	3,004,000	1,715,905,187	3,508,344,702		
Other income		790,988,073	549,130,192	368,573,349	141,342,626		
Currency exchange gain (loss), net		(55,555,625)	5,645,229	197,914,336	79,518,968		
Administrative expenses		(1,005,435,783)	(929,106,281)	(549,336,917)	(544,889,383)		
Loss from measurement of							
financial instruments, net		(10,644,739)	(40,268,038)	(96,490)	(3,193,900)		
Finance costs		(1,960,875,634)	(2,032,371,904)	(828,564,807)	(811,811,447)		
Share of profit from investments in associates							
and joint ventures, net		726,322,802	42,097,392	-	-		
Profit before income tax		5,226,237,490	4,483,487,153	2,826,608,994	3,918,763,709		
Income tax	19	(800,318,530)	(537,430,969)	(147,157,538)	(7,863,393)		
Profit for the period		4,425,918,960	3,946,056,184	2,679,451,456	3,910,900,316		
Profit attributable to							
Owners of the parent		4,275,586,325	3,475,860,107	2,679,451,456	3,910,900,316		
Non-controlling interests		150,332,635	470,196,077	-			
		4,425,918,960	3,946,056,184	2,679,451,456	3,910,900,316		
Earnings per share							
Basic earnings per share		1.52	1.23	0.95	1.39		

		Consolidated	d Separate			
	fina	ncial information	fina	ncial information		
	2021	2020	2021	2020		
	Baht	Baht	Baht	Baht		
Profit for the period	4,425,918,960	3,946,056,184	2,679,451,456	3,910,900,316		
Other comprehensive income (expense) :						
Items that will be reclassified subsequently						
to profit or loss						
Cash flow hedges	356,834,629	(453,112,484)	325,814	(652,735)		
Costs of hedging	40,899,672	(20,095,419)	68,389	(931,711)		
Share of other comprehensive expense						
from investments in associates and joint ventures	(275,699,111)	(139,628,057)	-	-		
Exchange differences on translation						
of financial information	121,908,404	58,029,044	-	-		
Income tax on items that will be reclassified						
subsequently to profit or loss	(44,634,404)	52,207,503	-	-		
Total items that will be reclassified subsequently						
to profit or loss, net of tax	199,309,190	(502,599,413)	394,203	(1,584,446)		
Items that will not be reclassified subsequently						
to profit or loss						
Gain (loss) from remeasurement of equity investments						
at fair value through other comprehensive income	207,552,610	(131,185,939)	207,552,610	(131,185,939)		
Income tax on items that will not be reclassified						
subsequently to profit or loss	(41,510,522)	26,237,188	(41,510,522)	26,237,188		
Total items that will not be reclassified subsequently						
to profit or loss, net of tax	166,042,088	(104,948,751)	166,042,088	(104,948,751)		
Other comprehensive income (expense)						
for the period, net of tax	365,351,278	(607,548,164)	166,436,291	(106,533,197)		
Total comprehensive income for the period	4,791,270,238	3,338,508,020	2,845,887,747	3,804,367,119		
Total comprehensive income attributable to						
Owners of the parent	4,500,379,961	2,978,493,389	2,845,887,747	3,804,367,119		
Non-controlling interests	290,890,277	360,014,631	-	<u>-</u>		
	4,791,270,238	3,338,508,020	2,845,887,747	3,804,367,119		
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Consolidated financial information

	_														Consolidated fire	nancial information
	_						Attributable t	o owners of the par	rent							
										Other compor	nents of equity					
		_			_	Retained e	tained earnings Other comprehensive income (expense)									
												Share of other				
				Deficit from				Exchange				comprehensive				
				the change in				differences	Changes in			income (expense)		Total equity		
		Issued and	Premium	the ownership		Appropriated -		on translation	fair value		Costs of	from investments	Total	attributable to	Non-	
		paid-up on ordir	on ordinary	interests		Legal		of financial	of equity	Cash flow	hedging	in associates	other components	owners of	controlling	Total
		share capital	shares	in subsidiaries	Other deficits	reserve	Unappropriated	information	investments	hedge reserves	reserves	and joint ventures	of equity	the parent	interests	equity
	Note	Baht	Baht	Baht	Baht	Baht	Baht	Baht	Baht	Baht	Baht	Baht	Baht	Baht	Baht	Baht
Opening balance as at 1 January 2020		28,197,293,670	70,175,900,837	(14,991,990,030)	(1,118,213,914)	1,479,829,878	16,825,296,546	(71,133,901)	(488,496,978)	(781,274,258)	16,719,908	(91,908,207)	(1,416,093,436)	99,152,023,551	8,883,446,776	108,035,470,327
Changes in equity for the period																
Dividend		-	-	-	-	-	(2,255,783,494)	-	-	-	-	-	-	(2,255,783,494)	(600,252,774)	(2,856,036,268)
Increasing in subsidiary's share capital		-	-	-	-	-	-	-	-	-	-	-	-	-	136,857,000	136,857,000
Total comprehensive income (expense)																
for the period																
Profit for the period		-	-	-	-	-	3,475,860,107	-	-	-	-	-	-	3,475,860,107	470,196,077	3,946,056,184
Other comprehensive income (expense)	_	<u>-</u>	-			<u>-</u>		44,832,673	(104,948,751)	(281,359,906)	(16,262,677)	(139,628,057)	(497,366,718)	(497,366,718)	(110,181,446)	(607,548,164)
Closing balance as at 30 June 2020	_	28,197,293,670	70,175,900,837	(14,991,990,030)	(1,118,213,914)	1,479,829,878	18,045,373,159	(26,301,228)	(593,445,729)	(1,062,634,164)	457,231	(231,536,264)	(1,913,460,154)	99,874,733,446	8,780,065,633	108,654,799,079
	-															
Opening balance as at 1 January 2021		28,197,293,670	70,175,900,837	(14,991,990,030)	(1,118,213,914)	1,843,125,793	20,247,678,550	(47,835,790)	(578,679,916)	(781,941,987)	9,069,060	(53,017,239)	(1,452,405,872)	102,901,389,034	8,965,979,969	111,867,369,003
Changes in equity for the period																
Dividend	20	-	-	-	-	-	(2,819,729,367)	-	-	-	-	-	-	(2,819,729,367)	(292,166,967)	(3,111,896,334)
Total comprehensive income (expense)																
for the period																
Profit for the period		-	-	-	-	-	4,275,586,325	-	-	-	-	-	-	4,275,586,325	150,332,635	4,425,918,960
Other comprehensive income (expense)		-	-	-	-	-	-	88,097,962	166,042,088	213,674,812	32,677,885	(275,699,111)	224,793,636	224,793,636	140,557,642	365,351,278
Closing balance as at 30 June 2021	_	28,197,293,670	70,175,900,837	(14,991,990,030)	(1,118,213,914)	1,843,125,793	21,703,535,508	40,262,172	(412,637,828)	(568,267,175)	41,746,945	(328,716,350)	(1,227,612,236)	104,582,039,628	8,964,703,279	113,546,742,907

Separate financial information

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					Retained	earnings	O	ther comprehens	ive income (expe	nse)	
				·			Changes in			_	
		Issued and					fair value		Costs of	Total	
		paid-up share	Premium on		Appropriated-		of equity	Cash flow	hedging	other components	Total
		capital	share capital O	ther surpluses	legal reserve	Unappropriated	investments	hedge reserves	reserves	of equity	equity
	Note	Baht	Baht	Baht	Baht	Baht	Baht	Baht	Baht	Baht .	Baht
Opening balance as at 1 January 2020 Changes in equity for the period		28,197,293,670	70,175,900,837	78,467,400	1,479,829,878	24,520,558,856	(537,296,978)	-	-	(537,296,978)	123,914,753,663
Dividend						(2,255,783,494)					(2,255,783,494)
Total comprehensive income (expense)		-	-	-	-	(2,233,763,494)	-	-	-	-	(2,233,763,494)
for the period											
Profit for the period		-	-	-	-	3,910,900,316	-	-	-	-	3,910,900,316
Other comprehensive income (expense)		<u>-</u>					(104,948,751)	(652,735)	(931,711)	(106,533,197)	(106,533,197)
Closing balance as at 30 June 2020	:	28,197,293,670	70,175,900,837	78,467,400	1,479,829,878	26,175,675,678	(642,245,729)	(652,735)	(931,711)	(643,830,175)	125,463,337,288
Opening balance as at 1 January 2021											
As previously reported		28,197,293,670	70,175,900,837	78,467,400	1,843,125,793	27,711,591,475	(627,396,956)	(325,814)	(68,389)	(627,791,159)	127,378,588,016
Changes in equity for the period											
Dividend	20	-	-	-	-	(2,819,729,367)	-	-	-	-	(2,819,729,367)
Total comprehensive income (expense)											
for the period											
Profit for the period		-	-	-	-	2,679,451,456	-	-	-	-	2,679,451,456
Other comprehensive income (expense)		-	-	-	-		166,042,088	325,814	68,389	166,436,291	166,436,291
Closing balance as at 30 June 2021		28,197,293,670	70,175,900,837	78,467,400	1,843,125,793	27,571,313,564	(461,354,868)	-	-	(461,354,868)	127,404,746,396

			Consolidated	lated Separate			
		fir	nancial information	fi	nancial information		
		2021	2020	2021	2020		
	Notes	Baht	Baht	Baht	Baht		
Cash flows from operating activities							
Profit before income tax for the period		5,226,237,490	4,483,487,153	2,826,608,994	3,918,763,709		
Adjustments to reconcile profit before							
income tax to net cash from operating activities							
- Depreciation and amortisation		4,590,540,885	4,365,891,756	767,963,927	738,018,006		
- Interest income		(116,294,954)	(105,141,011)	(112,144,343)	(110,231,096)		
- Dividends income	12,13	(92,701,875)	(3,004,000)	(1,715,905,188)	(3,508,344,702)		
- Loss on disposal and write-off of property, plant and							
equipment, net		5,357,462	29,892,801	2,885,052	2,881,923		
- Finance costs		1,942,655,680	2,013,059,031	828,564,807	811,811,447		
- Recognition of advance received for long-term							
right to grant of assets		(19,245,964)	(21,510,423)	-	-		
- Unrealised loss (gain) on exchange rates	12	43,442,709	(9,610,658)	(198,583,306)	(76,186,800)		
- Gain on sale of investment in subsidiaries		(115,098,235)	-	(227,199,844)	-		
- (Gain) Loss from measurement of financial instruments		(13,847,743)	2,483,884	-	-		
- Share of profit from investments in associates							
and joint ventures	12	(726,322,802)	(42,097,392)	-	-		
- Provisions for employee benefits		33,321,903	25,835,509	23,155,298	17,184,944		
Cash flows before changes in working capital		10,758,044,556	10,739,286,650	2,195,345,397	1,793,897,431		
Changes in working capital							
- Trade receivables		(390,045,659)	667,803,116	563,375,066	(6,881,272)		
- Other receivables		(134,141,001)	143,917,563	(45,872,168)	(60,694,166)		
- Finance lease receivable		358,101,156	601,606,104	320,713,004	270,313,916		
- Fuel, spare parts and supplies		(323,903,292)	23,302,701	(20,198,081)	(35,900,885)		
- Other current assets		59,911,603	68,299,321	25,621,257	52,360,113		
- Other non-current assets		(539,357,283)	(14,686,437)	(2,273,584)	45,435,030		
- Trade payables		729,466,870	(740,650,983)	(178,257,806)	(342,977,319)		
- Other payables		19,858,802	(799,042,694)	(149,211,590)	(174,840,270)		
- Other current liabilities		(114,927,961)	(149,835,948)	(35,805,381)	(2,296,600)		
- Other non-current liabilities		44,972,376	178,392,088	(6,932,400)	15,743,590		
Cash generated from operating activities		10,467,980,167	10,718,391,481	2,666,503,714	1,554,159,568		
- Tax paid		(748,328,700)	(239,115,877)	(66,416,936)	(33,857,517)		
		_					
Net cash generated from operating activities		9,719,651,467	10,479,275,604	2,600,086,778	1,520,302,051		

			Consolidated	•			
		fir	nancial information	fi	nancial information		
		2021	2020	2021	2020		
	Notes	Baht	Baht	Baht	Baht		
Cash flows from investing activities							
Interest received		121,899,556	71,693,669	73,786,831	30,437,491		
Dividends received		384,732,157	279,110,276	1,750,532,275	15,248,912,529		
Cash paid for deposits at a financial							
institutions used as collateral		(1,711,939)	(489,274,126)	-	-		
Cash received (paid) from financial assets measured		(, , - , ,)		()			
at amortised cost		(1,009,191,128)	964,894,072	(2,800,000,000)	-		
Cash paid for investments in financial assets measured							
at fair value through other comprehensive income	13	(498,852,990)	(72,108,256)	-	(72,108,256)		
Cash paid for investments in joint ventures	12	(1,568,000)	-	-	-		
Cash paid for investments in associates	12	(482,216,268)	-	(482,216,269)	-		
Cash paid for investments in subsidiaries	12	-	-	(493,075,135)	(1,092,443,000)		
Cash received from sale of investment in subsidiary	12	692,699,844	-	692,699,844	-		
Cash paid for acquisition of subsidiaries		-	(1,477,432,703)	-	-		
Cash paid for short-term loans to related parties	21	(847,827,391)	-	(897,827,391)	(2,154,843,982)		
Cash received from short-term loans to related parties	21	1,668,079,994	-	1,828,079,994	-		
Cash paid for long-term loans to a related party	21	(834,040,000)	-	(834,040,000)	-		
Cash received from long-term loans to related parties	21	115,244,400	-	139,124,400	23,880,000		
Cash received from disposal of property,							
plant and equipment		444,540	10,055,339	219,892	8,854,496		
Cash paid for purchase of property,							
plant and equipment		(2,323,892,669)	(1,553,889,852)	(674,723,811)	(1,003,459,706)		
Cash paid for purchase of intangible assets		(22,621,664)	(4,106,714)	(73,755,160)	(3,325,450)		
Interest paid capitalised as property, plant							
and equipment		(36,531,263)		(26,426,398)	-		
Net cash generated (used) in investing activities		(3,075,352,821)	(2,271,058,295)	(1,797,620,928)	10,985,904,122		
Cash flows from financing activities							
Cash paid for liabilities under lease agreements		(80,550,926)	(78,253,746)	(38,953,297)	(40,661,722)		
Cash paid for financing fee		(19,496,712)	(20,998,997)	(705,175)	(16,498,997)		
Proceeds from short-term loans from		(10,100,112)	(=0,000,001)	(100,110)	(10,100,001)		
financial institutions		-	9,991,741,150	_	8,491,741,150		
Proceeds from long-term loans from			2,221,111,122		2,121,111,122		
financial institutions	16	13,063,772,130	18,000,000,000	_	15,000,000,000		
Cash paid for short-term loans from related parties		-	(4,913,056,463)	_	(4,913,056,463)		
Cash paid for short-term loans from			(1,010,000,100)		(1,010,000,100)		
financial institutions		-	(24,790,908,044)	_	(24,290,908,044)		
Cash paid for long-term loans from			(21,700,000,011)		(21,200,000,011)		
financial institutions	16	(14,816,434,615)	(1,791,858,690)	(10,947,500,000)	(97,500,000)		
Proceeds from long-term loans from a related party	21	(1.,010,101,010)	(1,701,000,000)	10,490,000,000	(0.,000,000)		
Cash paid for long-term loans from a related party	21	-	_	(91,414,750)	_		
Cash paid for short-term loans to existing shareholders				(01,111,100)			
from the acquisition of subsidiaries		-	(1,124,546,594)	_	_		
Proceeds from non-controlling interests			(1,121,010,001)				
from capital increase in subsidiary		_	136,857,000	_	_		
Dividend paid	20	(2,819,729,367)	(2,255,783,494)	(2,819,729,367)	(2,255,783,494)		
Dividend paid to non-controlling interests	20	(2,010,120,001)	(2,200,100,404)	(2,515,125,501)	(2,200,100,707)		
of subsidiaries		(364,443,976)	(949,903,981)		_		
Interest paid		(1,960,655,816)	(1,882,246,331)	(801,966,981)	- (703,151,355)		
Net cash used in financing activities		(6,997,539,282)	(9,678,958,190)	(4,210,269,570)	(8,825,818,925)		

		Consolidated		Separate	
	fir	nancial information	financial information		
	2021 2020		2021	2020	
	Baht	Baht	Baht	Baht	
Net increase (decrease) in cash and cash equivalents	(353,240,636)	(1,470,740,881)	(3,407,803,720)	3,680,387,248	
Effect of exchange rate on	(000,210,000)	(1,170,710,001)	(0, 107,000,720)	0,000,001,210	
cash and cash equivalents	27,686,621	25,331,162	4,863,377	3,399,485	
Cash and cash equivalents at beginning of period	20,288,891,201	18,838,686,740	10,655,182,886	2,327,875,235	
Cash and cash equivalents at ending of period	19,963,337,186	17,393,277,021	7,252,242,543	6,011,661,968	
Supplementary information:					
Changes in payable for assets under construction	(9,438,086)	(444,168,736)	(135,339,557)	(279,335,594)	
Changes in payable for intangible assets	(9,585,060)	-	(9,585,060)	-	
Changes in dividend receivables from subsidiary	-	-	(75,227,091)	-	
Changes in dividend payable of non-controlling interests	(72,277,009)	-	-	-	
Acquisitions of right to use assets under lease agreement	110,351,482	146,818,960	57,618,912	168,637,712	
Change in lease liabilities	(110,561)	(48,521,049)	(110,561)	(2,409,855)	

1 General information

Global Power Synergy Public Company Limited (the Company) is a public limited company incorporated and is listed on the Stock Exchange of Thailand which domiciled in Thailand. The address of the Company's registered office is No.555/2, Energy Complex, Building B, 5th Floor, Vibhavadi Rangsit Road, Chatuchak, Bangkok 10900.

For reporting purposes, the Company and its subsidiaries are referred to as the Group.

The principal business of the Group is the production and distribution of electricity, steam and water for industrial use to the government and industrial customers.

This interim consolidated and separate financial information is presented in Thai Baht, unless otherwise stated.

This interim consolidated and separate financial information was authorised for issue by the audit committee whom assigned by the Board of Directors on 6 August 2021.

2 Basis of preparation of interim financial information

The interim consolidated and separate financial information has been prepared in accordance with Thai Accounting Standard (TAS) 34, "Interim Financial Reporting" and other financial reporting requirements issued under the Securities and Exchange Act.

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

An English version of the interim consolidated and separate 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.

Commencing from 1 January 2021, the Group adopted the revised financial reporting standard effective for annual periods beginning on or after 1 January 2021 and relevant to the Group. The adoption of this standard does not have significant impact on the Group.

4 Amended financial reporting standards

Amended financial reporting standards that are effective for accounting periods beginning on or after 1 January 2022 and related to the Group. The Group has not yet adopted these standards.

Interest rate benchmark (IBOR) reform – phase 2, amendments to TFRS 9, TFRS 7 and TFRS 16 provide relief measures addressing issues that might affect financial reporting during the reform, including the effects of changes to contractual cash flows or hedging relationship arising from the replacement of one benchmark with an alternative benchmark.

Key relief measures of the phase 2 amendments are as follows:

- When changing the basis for determining contractual cash flows for financial assets and financial liabilities (including lease liabilities), changes that are necessary as a direct result of the IBOR reform and which are considered economically equivalent, will not result in an immediate gain or loss in the statement of income. TFRS 16 has also been amended to require lessees to use a similar practical expedient when accounting for lease modifications that change the basis for determining future lease payments as a result of the IBOR reform.
- Hedge accounting relief measures will allow most TFRS 9 hedge relationships that are directly affected by the IBOR reform to continue. However, additional ineffectiveness might need to be recorded.

Moreover, TFRS 7 requires additional disclosure about:

- The nature and extent of risks arising from the IBOR reform to which the entity is exposed to.
- How the entity manages those risks.
- The entity's progress in transitioning from the IBOR to alternative benchmark rates and how the entity is managing this transition.

The Group's management is currently assessing the impact of adoption of these standards.

5 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.

In preparing this interim financial information, the significant judgements made by management in applying the Group's accounting policies and the key sources of estimation uncertainty were the same as those that applied to the financial statements for the year ended 31 December 2020.

6 Fair value

The following table presents financial assets and liabilities that are measured at fair value in each level including fair value of financial assets and financial liabilities. The table exclude financial assets and liabilities measured at amortised cost where their carrying value approximated fair value.

					Consolidated fina	ncial information
As at 30 June 2021	Fair value level	Fair value through profit or loss (FVPL) Million Baht	Fair value through other comprehensive income (FVOCI) Million Baht	Amortised cost Million Baht	Total carrying value Million Baht	Total fair value Million Baht
Assets						
Financial assets - Other long-term investments	3	-	3,430	-	3,430	3,430
Long-term loans to a related party	2	-	-	719	719	761
Derivatives that qualifying as hedge accounting						
- Foreign currency forwards	2	140	-	-	140	140
Total assets		140	3,430	719	4,289	4,331
Liabilities						
Long-term loans from financial institutions	2	_	_	15,573	15,573	15,989
Debentures	2	-	-	57,493	57,493	58,918
Derivatives not qualifying as hedge accounting						
- Foreign currency forwards	2	66	-	-	66	66
- Interest rate swap	2	36	-	-	36	36
Derivatives that qualifying as hedge accounting						
- Foreign currency forwards	2	3	-	-	3	3
- Interest rate swap	2	1,097	-	-	1,097	1,097
- Cross currency and interest rate swap	2	282	-	-	282	282
Total liabilities		1,484	-	73,066	74,550	76,391

					Separate finance	cial information
As at 30 June 2021	Fair value level	Fair value through profit or loss (FVPL) Million Baht	Fair value through other comprehensive income (FVOCI) Million Baht	Amortised cost Million Baht	Total carrying value Million Baht	Total fair value Million Baht
Assets Financial assets - Other long-term investments Long-term loans to a related party	3 2		2,868	- 719	2,868 719	2,868 761
Total assets			2,868	719	3,587	3,629
Liabilities Long-term loans from financial institutions Debentures	2 2		- -	8,392 44,952	8,392 44,952	8,709 46,429
Total liabilities			-	53,344	53,344	55,138

				Co	nsolidated financ	cial information
As at 31 December 2020	Fair value level	Fair value through profit or loss (FVPL) Million Baht	Fair value through other comprehensive income (FVOCI) Million Baht	Amortised cost Million Baht	Total carrying value Million Baht	Total fair value Million Baht
Assets						
Financial assets - Other long-term investments Derivatives that qualifying as hedge accounting	3	-	2,724	-	2,724	2,724
- Foreign currency forwards	2	125	-	-	125	125
Total assets		125	2,724	-	2,849	2,849
Liabilities						
Long-term loans from financial institutions	2 2	-	-	15,884	15,884	16,345
Debentures	2	-	-	57,562	57,562	58,982
Derivatives not qualifying as hedge accounting						
- Foreign currency forwards	2	72	-	-	72	72
- Interest rate swap	2	43	-	-	43	43
Derivatives qualifying as hedge accounting						
- Foreign currency forwards	2	25	-	-	25	25
- Interest rate swap	2	1,436	-	-	1,436	1,436
- Cross currency and interest rate swap	2	477	-	-	477	477
Total liabilities		2,053	-	73,446	75,499	77,380

					Separate finance	ial information
As at 31 December 2020	Fair value level	Fair value through profit or loss (FVPL) Million Baht	Fair value through other comprehensive income (FVOCI) Million Baht	Amortised cost Million Baht	Total carrying value Million Baht	Total fair value Million Baht
Asset Financial assets - Other long-term investments	3		2,661	-	2,661	2,661
Total assets			2,661	-	2,661	2,661
Liabilities Long-term loans from financial institutions Debentures	2 2	<u>.</u>	-	8,691 44,948	8,691 44,948	9,027 46,282
Total liabilities				53,639	53,639	55,309

Fair values of following financial assets and financial liabilities measured at amortised cost where their carrying values approximated fair values are as follows:

Consolidated financial information

Separate financial information

Financial assets

- Cash and cash equivalents
- Deposits at financial institutions used as collateral
- Financial assets measured at amortised cost
- Trade receivables
- Financial lease receivable
- Other receivables
- Dividend receivables
- Assets held for sale
- Short-term loans to related parties
- Long-term loans to and interest receivables from related parties (float rate portion)

Financial assets

- Cash and cash equivalents
- Financial assets measured at amortised cost
- Trade receivables
- Financial lease receivable
- Other receivables
- Dividend receivables
- Short-term loans to related parties
- Long-term loans to and interest receivables from related parties (float rate portion)

Financial liabilities

- Trade payables
- Other payables
- Payable for assets under construction
- Lease liabilities
- Liabilities held for sale
- Other current liabilities
- Long-term loans from financial institutions (float rate portion)
- Retentions
- Other non-current liabilities

Financial liabilities

- Trade payables
- Other payables
- Payable for assets under construction
- Lease liabilities
- Other current liabilities
- Long-term loans from financial institutions (float rate portion)
- Long-term loans from a related party
- Retentions
- Other non-current liabilities

6.1 Valuation techniques used to measure fair value level 2

Valuation techniques used to measure fair value level 2 for derivatives are as follows:

- Fair value of forward foreign exchange contracts is determined using forward exchange rates that are quoted in an active market.
- Fair value of interest rate swap agreements is determined using forward interests extracted from observable yield curves.
- Fair value of cross currency and interest rate swap contracts are determined using forward interests extracted from observable yield curves and using forward exchange rates that are quoted in an active market.
- Fair value of commodity swap agreement is calculated by using forward price of coal.

Fair value of debt instruments is determined from discounted contractual cash flows where discount rate quoted in an active market.

6.2 Valuation techniques used to measure fair value level 3

Changes in level 3 financial assets measured at fair value through other comprehensive income for the six-month period ended 30 June 2021 are as follows:

	Consolidated financial information
	Financial assets measured at fair value through other comprehensive income Million Baht
Opening book value Additional investments Gain recognised in other comprehensive income	2,724 499 207
Closing book value	3,430
	Separate financial information
	Financial assets measured at fair value through other comprehensive income Million Baht
Opening book value Gain recognised in other comprehensive income	2,661 207
Closing book value	2,868

The following table summarises the quantitative information about the significant unobservable inputs used in level 3 fair value measurements.

				Cons	olidated financ	
_	Fair v			_	Range o	f inputs
_	30 June 2021 Million Baht	31 December 2020 Million Baht	Unobservab	le inputs	30 June 2021	31 December 2020
Financial assets measured at fair value through other comprehensive income	3,430	2,724	Growth rate of o		0% - 3% 5% - 17%	0% - 3% 5% - 17%
				9	Separate financ	ial information
	Fair v	value			Range o	
-	30 June			-	Runge	прис
_	2021 Million Baht	2020 Million Baht	Unobservab	le inputs	30 June 2021	31 December 2020
Financial assets measured at fair value through other	2,868	2,661	Growth rate of d		0% - 3% 5% - 17%	0% - 3% 5% - 17%
comprehensive income Relationship of unobservab	le inputs to fair	value are sho	wn as follows:	Cons	olidated financ	ial information
	le inputs to fair	value are sho	wn as follows:	Cł	olidated financ nange in fair va	lue
	le inputs to fair	value are sho	wn as follows:	Ch Incr	nange in fair va ease in	lue Decrease in
	le inputs to fair	value are sho	wn as follows:	Ch Incr assun	nange in fair va ease in nptions	lue Decrease in assumptions
		value are sho	wn as follows: Movement	Ch Incr assun 30 Jur	nange in fair va ease in	
Relationship of unobservab	Unobse	rvable inputs	Movement	Ch Incr assun 30 Jur Millio	nange in fair va ease in nptions ne 2021 on Baht	lue Decrease in assumptions 30 June 2021 Million Baht
	Unobset			Ch Incr assun 30 Jur Millio	nange in fair va ease in nptions ne 2021 on Baht	Decrease in assumptions 30 June 2021
Relationship of unobservab Financial assets measured at fair value through other	Unobset	rvable inputs	Movement	Ch Incr assun 30 Jur Millio Increase Decrease	nange in fair va ease in nptions ne 2021 on Baht se by 58 e by 176	Decrease in assumptions 30 June 2021 Million Baht Decrease by 49 Increase by 201
Relationship of unobservab Financial assets measured at fair value through other	Unobset	rvable inputs	Movement	Ch Incr assun 30 Jur Millio Increase Decrease	nange in fair va ease in nptions ne 2021 on Baht	Decrease in assumptions 30 June 2021 Million Baht Decrease by 49 Increase by 201
Relationship of unobservab Financial assets measured at fair value through other	Unobset	rvable inputs	Movement	Chasse	nange in fair va ease in nptions ne 2021 on Baht se by 58 e by 176 olidated financinange in fair va ease in	Decrease in assumptions 30 June 2021 Million Baht Decrease by 49 Increase by 201 ial information lue Decrease in
Relationship of unobservab Financial assets measured at fair value through other	Unobset	rvable inputs	Movement	Chassun Conscipling Consciplin	nange in fair va ease in nptions ne 2021 on Baht se by 58 e by 176 olidated financ nange in fair va ease in nptions	Decrease in assumptions 30 June 2021 Million Baht Decrease by 49 Increase by 201 ial information lue Decrease in assumptions
Relationship of unobservab Financial assets measured at fair value through other	Unobset Growth rat Risk-adjust	rvable inputs	Movement	Consumption Circumstance Consumption Circumstance Consumption Circumstance Circumst	nange in fair va ease in nptions ne 2021 on Baht se by 58 e by 176 olidated financ nange in fair va ease in nptions	Decrease in assumptions 30 June 2021 Million Bahr Decrease by 48 Increase by 201 ial information lue Decrease in
Relationship of unobservab Financial assets measured at fair value through other	Unobset Growth rat Risk-adjust	rvable inputs te of cash flows ed discount rate	Movement 1% 1%	Consc Consc Consc Consc Consc Ch Increase Consc Ch Increase Millic	nange in fair va ease in nptions ne 2021 on Baht se by 58 e by 176 olidated financi nange in fair va ease in nptions er 2020 31 D	Decrease in assumptions 30 June 2021 Million Bahr Decrease by 48 Increase by 201 ial information lue Decrease in assumptions December 2020

fair value through other comprehensive income	Risk-adjusted discount rate	1%	Decrease by 176	Increase by 201
			Consolidated	financial information
		_	Change in	fair value
		_	Increase in	Decrease in
		_	assumptions	assumptions
			31 December 2020	31 December 2020
	Unobservable inputs	Movement	Million Baht	Million Baht
Financial assets measured at	Growth rate of cash flows	1%	Increase by 52	Decrease by 44
fair value through other comprehensive income	Risk-adjusted discount rate	1%	Decrease by 172	Increase by 196
			Senarate	financial information
			Change in	
		_	Increase in	Decrease in
			assumptions	assumptions
		_	30 June 2021	30 June 2021
	Unobservable inputs	Movement	Million Baht	Million Baht
Financial assets measured at	Growth rate of cash flows	1%	Increase by 48	Decrease by 41
fair value through other comprehensive income	Risk-adjusted discount rate	1%	Decrease by 169	Increase by 192
				financial information
		_	Change in	
			Increase in	Decrease in
		_	assumptions	assumptions
			31 December 2020	31 December 2020
	Unobservable inputs	Movement	Million Baht	Million Baht
Financial assets measured at	Growth rate of cash flows	1%	Increase by 42	Decrease by 37
fair value through other	Risk-adjusted discount rate	1%	Decrease by 165	Increase by 187
comprehensive income	rtion adjusted discount rate	1 70	Decircuse by 100	morease by 107

The Group's valuation processes

The Company regularly discuss valuation processes and results.

Significant unobservable input of fair value hierarchy level 3 is risk adjusted discount rate. It is estimated based on public companies' weighted average cost of capital and cost of equity that, are in opinion of the Group, in a comparable financial position with the counterparty in the contract.

7 Segment information - consolidated financial information

The Group has three segment reports which are comprised of Independent Power Producer, Small Power Producer and others as follows:

	Consolidated financial information					
			d ended 30 June	2021		
	Independent					
	Power	Small Power				
	Producer	Producer	Others	Total		
	Million Baht	Million Baht	Million Baht	Million Baht		
Revenue from sales and services						
- Revenue from external	3,734	14,085	237	18,056		
Revenue from finance lease	178	14,000	201	178		
Profit before income tax	874	1,808	99	2,781		
Tront before income tax	074	1,000	33	2,701		
Timing of revenue recognition						
Point in time	2,388	13,076	237	15,701		
Over time	1,346	1,009	-	2,355		
	.,	.,				
Total revenue from sales and services	3,734	14,085	237	18,056		
	Cor	nsolidated financ	cial information			
			cial information d ended 30 June	2020		
				2020		
	For the the	ree-month perio		2020		
	For the the Independent	ree-month period Small		2020 Total		
	For the the Independent Power	ree-month period Small Power	d ended 30 June			
Davanua from polar and por jaco	For the the Independent Power Producer	ree-month period Small Power Producer	d ended 30 June Others	Total		
Revenue from sales and services	For the the Independent Power Producer Million Baht	ree-month perior Small Power Producer Million Baht	d ended 30 June Others Million Baht	Total Million Baht		
- Revenue from external	For the thin Independent Power Producer Million Baht	ree-month period Small Power Producer	d ended 30 June Others	Total Million Baht		
- Revenue from external Revenue from finance lease	For the thindependent Power Producer Million Baht 3,811 207	ree-month period Small Power Producer Million Baht	Others Million Baht 311	Total Million Baht 17,931 207		
- Revenue from external	For the thin Independent Power Producer Million Baht	ree-month perior Small Power Producer Million Baht	d ended 30 June Others Million Baht	Total Million Baht		
- Revenue from external Revenue from finance lease Profit before income tax	For the thindependent Power Producer Million Baht 3,811 207	ree-month period Small Power Producer Million Baht	Others Million Baht 311	Total Million Baht 17,931 207		
- Revenue from external Revenue from finance lease Profit before income tax Timing of revenue recognition	For the the Independent Power Producer Million Baht 3,811 207 486	ree-month period Small Power Producer Million Baht 13,809 - 1,836	Others Million Baht 311 - 249	Total Million Baht 17,931 207 2,571		
- Revenue from external Revenue from finance lease Profit before income tax Timing of revenue recognition Point in time	For the the Independent Power Producer Million Baht 3,811 207 486	ree-month period Small Power Producer Million Baht 13,809 - 1,836	Others Million Baht 311	Total Million Baht 17,931 207 2,571		
- Revenue from external Revenue from finance lease Profit before income tax Timing of revenue recognition	For the the Independent Power Producer Million Baht 3,811 207 486	ree-month period Small Power Producer Million Baht 13,809 - 1,836	Others Million Baht 311 - 249	Total Million Baht 17,931 207 2,571		
- Revenue from external Revenue from finance lease Profit before income tax Timing of revenue recognition Point in time	For the the Independent Power Producer Million Baht 3,811 207 486	ree-month period Small Power Producer Million Baht 13,809 - 1,836	Others Million Baht 311 - 249	Total Million Baht 17,931 207 2,571		

	Consolidated financial information					
		ix-month period		2021		
	Independent Power Producer Million Baht	Small Power Producer Million Baht	Others Million Baht	Total Million Baht		
Revenue from sales and services						
- Revenue from external	7,375	26,827	333	34,535		
Revenue from finance lease	323	20,027	-	323		
Profit before income tax	1,081	3,940	205	5,226		
Timing of revenue recognition						
Point in time	4,994	25,090	333	30,417		
Over time	2,381	1,737		4,118		
Total revenue from sales and services	7,375	26,827	333	34,535		
	Cor	solidated financ	ial information			
	For the s	ix-month period	ended 30 June 2	2020		
	Independent	Small				
	Power	Power				
	Producer Million Baht	Producer Million Baht	Others Million Baht	Total Million Baht		
Revenue from sales and services						
- Revenue from external	8,197	27,389	435	36,021		
Revenue from finance lease	425	-	-	425		
Profit before income tax	729	3,424	330	4,483		
Timing of revenue recognition						
Point in time	5,270	25,441	435	31,146		
Over time	2,927	1,948	-	4,875		
Total revenue from sales and services	8,197	27,389	435	36,021		

8 Cash and cash equivalents

As at 30 June 2021, the Group's deposits at financial institutions of Baht 2,872 million (as at 31 December 2020: Baht 3,395 million) were pledged as collateral to secure credit facilities obtained from financial institutions. However, the pledged deposits at financial institutions can be withdrawn according to the objective and conditions stipulated in the loan agreements for use as working capital required in the normal course of their business (Note 16).

9 Deposits at financial institutions used as collateral

As at 30 June 2021, deposits at financial institutions used as short-term collateral represented deposits in savings accounts of the Group amounting to Baht 274 million (as at 31 December 2020: Baht 261 million) which are pledged as collateral for its long-term loans from financial institutions for the purpose of repayment of principal and interest in the next period as described in Note 16.

As at 30 June 2021, deposits at a financial institution used as long-term collateral represented deposit in savings accounts which are pledged as collateral with a financial institution for foreign currency forward contract of the Group with a financial institution.

10 Financial assets measured at amortised cost

As at 30 June 2021, financial assets measured at amortised cost represented fixed deposits with maturities over three months but not later than one year. The particular financial assets of Baht 482 million (as at 31 December 2020: Baht 480 million) were pledged as collateral for long-term loans from financial institutions as described in Note 16.

11 Trade receivables

	finan	Consolidated cial information	Separate financial information		
As at	30 June		30 June	31 December	
	2021		2021	2020	
	Million Baht		Million Baht	Million Baht	
Trade receivables - related parties Trade receivables - third parties	2,162	2,270	1,649	2,120	
	7,313	6,814	1,126	1,218	
Total trade receivables	9,475	9,084	2,775	3,338	

Trade receivables can be analysed by aging as follows:

	financ	Consolidated cial information	Separate financial information		
As at	30 June 2021 Million Baht	31 December 2020 Million Baht	30 June 2021 Million Baht	31 December 2020 Million Baht	
Trade receivables - related parties Not overdue Overdue less than 1 month	2,158	2,140	1,645	1,990 3	
Overdue 1 - 2 months Overdue 2 - 3 months Overdue over 3 months	- - 4	2 5 120	- - 4	2 5 120	
Total trade receivables - related parties	2,162	2,270	1,649	2,120	
Trade receivables - third parties Not overdue Overdue less than 1 month Overdue 1 - 2 months Overdue 2 - 3 months Overdue over 3 months	7,259 1 2 1 50 ⁽¹⁾	6,647 18 19 19 111(1)	1,125 - - - 1	1,216 1 - - 1	
Total trade receivables - third parties	7,313	6,814	1,126	1,218	
Total trade receivables	9,475	9,084	2,775	3,338	

⁽¹⁾ The outstanding of trade receivables which are overdue more than 3 months, amounting to Baht 37 million, is due from EGAT, which resulted from an expiration date dispute of the Power Purchase Agreement entered into by the subsidiary (Project 1). The subsidiary submitted a dispute to the Thai Arbitration Institute (TAI) and on 21 November 2019, the TAI ruled that the expiration date of Project 1's Power Purchase Agreement was 31 March 2017, which gave the subsidiary the right to receive outstanding balance due from EGAT. Subsequently, on 18 February 2020, EGAT petitioned the Central Administrative Court to revoke the award of the TAI. Currently, the case remains in process at the Central Administrative Court.

12 Investments in subsidiaries, associates and joint ventures

	financ	Consolidated cial information	Separate financial information		
As at	30 June 2021 Million Baht	31 December 2020 Million Baht	30 June 2021 Million Baht	31 December 2020 Million Baht	
Investments in subsidiaries (Note 12.1) Investments in associates (Note 12.2) Investments in joint ventures (Note 12.3)	9,323 3,022	- 8,251 2,914	146,453 1,871 2,814	146,425 924 2,814	
Total investments in subsidiaries, associates and joint ventures	12,345	11,165	151,138	150,163	

12.1 Investments in subsidiaries

Movements of investments in subsidiaries for the six-month period ended 30 June 2021 are as follows:

	Separate financial information Million Baht
For the six-month period ended 30 June 2021 Opening net book value Reclassification to investments in associates (a)	146,425 (465)
Additional investments (b), (c) Closing net book value	493 146,453

Significant changes in investments in subsidiaries during the six-month period ended 30 June 2021 are as follows:

(a) Global Renewable Power Company Limited

On 23 December 2020, the Company entered into a share purchase agreement with PTT Global Management Company Limited (a subsidiary of PTT Public Company Limited) in order to sell 4,655,000 shares of Global Renewable Power Company Limited or represented the 50% of its total registered and paid-up share capital at the consideration of Baht 693 million. As at 31 December 2020, the assets of Baht 3,012 million and liabilities of Baht 159 million (which are at the sale proportion but excluded related party transactions with the Company) of Global Renewable Power Company Limited and its subsidiaries were classified as the assets and liabilities held-for-sale in the consolidated statement of financial position. Also, the investment in the subsidiary of Baht 466 million was classified as the asset held-for-sale in the separate statement of financial position.

On 4 January 2021, the sale transaction was completed and the Company recognised gain on sales of the investment amounting to Baht 115 million and Baht 227 million as other income in the consolidated and separate statements of income for the six-month period ended 30 June 2021 respectively. Therefore, this resulted in a change of the Company's shareholding interest which decreased from 100% to 50%. The investment in Global Renewable Power Company Limited is reclassified from the investment in a subsidiary to be the investment in an associate.

(b) GPSC Singapore Pte. Ltd.

At the Company's Board of Directors' meeting No.1/2021 held on 20 January 2021, the Board approved to register the establishment of GPSC Singapore Pte Ltd. It was incorporated on 19 February 2021 with registered share capital of US Dollar 100. The Company has a 100% ownership interests.

During the six-month period ended 30 June 2021, GPSC Singapore Pte. Ltd. increased its registered capital by issuing 16,020,000 ordinary shares with a par value of US Dollar 1, totalling US Dollar 16 million. GPSC Singapore Pte. Ltd. called for the first payment for 15,720,100 ordinary shares. The Company paid US Dollar 15.7 million for the additional paid-up share capital, which is equivalent to Baht 493 million.

(c) Global Renewable Synergy Company Limited

On 11 June 2021, the Company established Global Renewable Synergy Company Limited which was incorporated in Thailand with registered capital of 10,000 ordinary shares with a par value of Baht 100, totalling Baht 1 million. The Company owns 100% of the shareholding interests. Global Renewable Synergy Company Limited called for the first payment at Baht 25 per share. The Company paid Baht 250,000 for the paid-up share capital on 11 June 2021.

The detail of investments in direct subsidiaries are as follows:

						Separate finance	cial information
		Portion of ordina		ethod	Dividend income during the period		
		30 June 2021	31 December 2020	30 June 2021	31 December 2020	30 June 2021	30 June 2020
Company	Business	%	%	Million Baht	Million Baht	Million Baht	Million Baht
<u>Direct subsidiaries established in Thailand</u> Combined Heat and Power Producing Company Limited	Generate and supply electricity and cold water, construction and installation of electricity system services	100	100	266	266	-	-
Natee Synergy Company Limited	Invest in other companies	100	100	7,062	7,062	_	_
IRPC Clean Power Company Limited	Generate and supply electricity and steam for industrial use	51	51	1,965	1,965	117	245
Global Renewable Power Company Limited (a)	Invest in other companies	-	100	-	465	-	-
Glow Energy Public Company Limited and its subsidiaries	Generate and supply electricity	45.67	45.67	60,924	60,924	548	1,369
GPSC Holding (Thailand) Company Limited (formally as ENGIE Holding (Thailand) Company Limited)	Invest in other companies	100	100	72,883	72,883	649	1,623
Energy Recovery Unit Company Limited	Generate and supply electricity	100	100	2,350	2,350	-	-
GPSC Treasury Center Company Limited	Financial services	100	100	20	20	-	-
Global Renewable Synergy Company Limited (c)	Invest in other companies	100	-	-	-	-	-
<u>Direct subsidiary established in Japan</u> Ichinoseki Solar Power 1 GK	Generate and supply electricity	99	99	487	487	-	-
<u>Direct subsidiary established in Hong Kong</u> GPSC International Holdings Limited	Invest in other companies	100	100	3	3	-	-
<u>Direct subsidiary established in Singapore</u> GPSC Singapore Pte. Ltd. ^(b)	Invest in other companies	100		493	-	_	<u>-</u>
Total investments in subsidiaries				146,453	146,425	1,314	3,237

The detail of investments in indirect subsidiaries are as follow:

	_				;	Separate financi	al information
		Portion of ord held by th		Cost m	ethod	Dividend during the	
		30 June 2021	31 December 2020	30 June 2021	31 December 2020	30 June 2021	30 June 2020
Company	Business	%	%	Million Baht	Million Baht	Million Baht	Million Baht
Indirect subsidiaries established in Thailand							
Glow Energy Public Company Limited	Generate and supply electricity	54.16	54.16	_	_	-	_
Glow Company Limited	Provide management services, consultant services and management advisory for related companies	100	100	-		-	-
Glow IPP Company Limited	Generate and supply electricity to EGAT	95	95	-	-	-	_
Glow SPP 2 Company Limited	Generate and supply electricity and steam for industrial use	100	100	-	-	-	-
Glow SPP 3 Company Limited	Generate and supply electricity, steam and water for industrial use	100	100	-	-	-	-
Glow IPP 2 Holding Company Ltd	Invest in other companies	100	100	-	-	-	-
GHECO-One Company Limited*	Generate and supply electricity to EGAT	65	65	-	-	-	_
Glow IPP 3 Company Limited	Develop power generation projects	100	100	-	-	-	_
Glow SPP 11 Company Limited	Generate and supply electricity and water for industrial use	100	100	-	-	-	-
Houay Ho Thai Company Limited	Invest in other companies	49	49	-	-	-	_
Global Renewable Power One Company Limited (a)	Invest in other companies	-	100	-	-	-	-
Global Renewable Power Operating Company Limited ^(a)	Provide management and consultancy services for solar farm sector	-	100	-	-	-	-
World X Change Asia Company Limited (a)	Generate and supply electricity	-	100	-	-	-	-
P.P. Solar Company Limited (a)	Generate and supply electricity	-	100	-	-	-	-
N.P.S. Stargroup Company Limited (a)	Generate and supply electricity	-	100	-	-	-	-
Indirect subsidiary established in Laos Houay Ho Power Company Limited*	Generate and supply electricity to EGAT and Electricity du Laos (EDL)	67.25	67.25	-	-	-	-
Indirect subsidiary established in Myanmar Glow Energy Myanmar Company Limited	Provide technical and consultancy services for power sector	100	100	-		-	-

^{*} As at 30 June 2021 and 31 December 2020, the Group pleged the common shares of GHECO-One Company Limited and Houay Ho Power Company Limited as collateral for their long-term loans from financial institutions (Note 16)

12.2 Investments in associates

Movements of investments in associates for six-month period ended 30 June 2021 are as follows:

	Consolidated	Separate
	financial	financial
	information	information
	Investment under	Investment under
	equity method	cost method
	Million Baht	Million Baht
Open net book value	8,251	924
Reclassification from investments in subsidiaries to investments in	3,23 :	0- 1.
associates (a) (Note 12.1)	577	465
Additional investments (a)	482	482
Share of profit	426	-
Share of other comprehensive income (expense)		
- Cash flow hedges	(331)	-
- Exchange difference on translation of the financial information	13	-
Dividend income	(95)	-
Closing net book value	9,323	1,871

Significant changes in investments in associates during the six-month period ended 30 June 2021 are as follows:

(a) Global Renewable Power Company Limited

Reclassification of investment

As discussed in Note 12.1, the investment in Global Renewable Power Company Limited was reclassified from being an investment in a subsidiary to being an investment in an associate. The impact of the change of shareholding interest in Global Renewable Power Company Limited as at the loss of control date is summarised as follows:

	Consolidated financial information Million Baht
Cash received from the disposal of the investment Fair value of the investment in the associate after decreasing the shareholding in the subsidiary	693 577
<u>Less</u> fair value of the subsidiary's net assets before decreasing the shareholding	1,270 (1,155)
Gain on decrease in the shareholding in the subsidiary	115

Details of the fair value of the associate's net assets as at the date of loss of control over the subsidiary are as follow:

	Consolidated financial information Million Baht
Cook and each aguitalente	256
Cash and cash equivalents	256
Trade receivables	42
Intangible assets	995
Property, plant and equipment	1,715
Deferred tax assets	4
Trade payables	(7)
Other payables	(41)
Short-term loans	(1,668)
Other current liabilities	(2)
Deferred tax liabilities	(96)
Other non-current liabilities	(43)
Net assets	1,155
Investment proportion in the associate	50%
Fair value of the associate's net assets as at the loss of control date	577

Call for additional paid-up share capital

During the six-month period ended 30 June 2021, Global renewable Power Company Limited called for the additional paid-up share capital which the Company paid for the additional paid-up share capital in the same proportion as its original investment, totalling Baht 482 million.

The detail of investments in associates are as follows:

	Consolidated financial informati						al information		
			dinary shares					Dividend	
	<u>.</u>		he Group		lethod		Method	during the period	
			31 December	30 June	31 December	30 June		30 June	30 June
		2021	2020	2021	2020	2021	2020	2021	2020
Company	Business	<u>%</u>	%	Million Baht	Million Baht	Million Baht	Million Baht	Million Baht	Million Baht
Direct associate established in Thailand									
Bangpa-in Cogeneration Company Limited	Generate and supply electricity	25	25	924	924	863	872	74	71
Global Renewable Power Company Limited	Invest in other companies, generate	50	-	947	-	1,103	-	-	-
and its subsidiaries	and supply electricity and provide management services								
Indirect associate established in Laos									
Xayaburi Power Company Limited	Generate and supply electricity	25	25	6,994	6,994	6,998	7,014	-	-
Indicate accessor actablished in Theiland									
Indirect associate established in Thailand Eastern Seaboard Clean Energy Company	Studying, generating and supply	33	33	339	339	359	365	21	_
Limited and its subsidiaries	electricity for industrial use,	00	00	000	000	000	000	21	
	including generating electricity								
	from renewable energy		_						
Total investments in associates			_	9,204	8,257	9,323	8,251	95	71

The details of investments in associates are as follows:

					S	eparate financi	al information
		Portion of ordinary shares held by the Company Cost Method			Dividend income during the period		
_		2021	31 December 2020	2021	31 December 2020	30 June 2021	30 June 2020
Company	Business	%	<u>%</u>	Million Baht	Million Baht	Million Baht	Million Baht
Associate established in Thailand Bangpa-in Cogeneration Company Limited Global Renewable Power Company Limited and its subsidiaries	Generate and supply electricity Invest in other companies, generate and supply electricity and provide management services	25 50	25 - -	924 947	924 -	74 -	71 -
Total investments in associates				1,871	924	-	71

12.3 Investments in joint ventures

Movements of investments in joint ventures for the six-month period ended 30 June 2021 are as follows:

	Consolidated financial information Investment under equity method Million Baht	Separate financial information Investment under cost method Million Baht
Open net book value Additional investments (a) Share of profit Share of other comprehensive income - Exchange difference on translation of the financial information Dividend income	2,914 2 301 43 (238)	2,814 - - -
Closing net book value	3,022	2,814

(a) Chaibadan Community Power Plant 1 Company Limited and Chaibadan Community Power Plant 2 Company Limited

At the Extraordinary General Meeting of Shareholders of a subsidiary on 7 April 2021, the shareholders approved a subsidiary to enter into a share purchase agreement with Sapthip Company Limited to acquire shareholding interests in Chaibadan Community Power Plant 1 Co., Ltd. and Chaibadan Community Power Plant 2 Co., Ltd., which engage in generation and supply of electricity. Subsequently on 16 April 2021, the subsidiary paid for the acquisition of 313,600 shares of each company, totalling Baht 2 million or 49% of their total issued and paid-up share capital.

The detail of investments in joint ventures are as follows:

	Consolidated financial inform							al information	
		Portion of or	dinary shares					Dividend	income
		held by the	e Company	Cost N	lethod	Equity	Method	during the period	
		30 June	31 December	30 June	31 December	30 June	31 December	30 June	30 June
		2021	2020	2021	2020	2021	2020	2021	2020
Company	Business	%	%	Million Baht	Million Baht	Million Baht	Million Baht	Million Baht	Million Baht
Joint ventures established in Thailand									
Thai Solar Renewable Company Limited	Invest in other companies	40	40	1,697	1,697	1,576	1,584	199	200
and its subsidiary									
Navanakorn Electricity Generating	Generate and supply electricity	30	30	623	623	753	711	39	-
Company Limited									
Chaibadan Community Power Plant 1	Generate and supply electricity	49	-	1	-	1	-	-	-
Company Limited									
Chaibadan Community Power Plant 2	Generate and supply electricity	49	-	1	-	1	-	-	-
Company Limited									
Joint venture established in Laos									
Nam Lik 1 Power Company Limited	Generate and supply electricity	40	40_	494	494	691	619	-	-
Total investments in joint ventures			_	2,816	2,814	3,022	2,914	238	200

The detail of investments in joint ventures are as follows:

			dinary shares			Dividend in	
Company	Business		e Company 31 December 2020 %	Cost Metho 30 June 2021 Million Baht	od 31 December 2020 Million Baht	during the p 30 June 2021 Million Baht	eriod 30 June 2020 Million Baht
Joint ventures established in Thailand Thai Solar Renewable Company Limited	Invest in other companies	40	40	1,697	1,697	199	200
and its subsidiary	·			•	,		200
Navanakorn Electricity Generating Company Limited	Generate and supply electricity	30	30	623	623	39	-
Joint venture established in Laos Nam Lik 1 Power Company Limited	Generate and supply electricity	40	40	494	494	-	<u>-</u>
Total investments in joint ventures				2,814	2,814	238	200

12.4 Dividend receivables from subsidiaries, associates and joint ventures

The movements of dividend receivables can be analysed as follows:

	Consolidated financial information Million Baht	Separate financial information Million Baht
For the six-month period ended 30 June 2021 Opening book value	59	252
Dividends declared by subsidiaries, associates and joint ventures	333	1,626
Dividends received from subsidiaries, associates and joint ventures	(292)	(1,661)
Closing book value	100	217

Financial assets measured at fair value through other comprehensive income

Movements of financial assets measured at fair value through other comprehensive income for the six-month period ended 30 June 2021 are as follows:

	Consolidated financial information Million Baht	Separate financial information Million Baht
Opening book value Additional investments	2,724 499	2,661
Change in fair value through other comprehensive income	207	207
Closing book value	3,430	2,868

Anhui Axxiva New Energy Technology Co., Ltd.

On 8 February 2021, the Company entered into a share agreement to authorise GPSC Singapre Pte. Ltd., which is the Company's subsidiary to invest in newly issued shares of Anhui Axxiva New Energy Technology Co., Ltd. (AXXIVA) at an investment value of US Dollar 16 million which is equivalent to Baht 499 million or 11.1% of registered and paid-up share capital. AXXVIA operates a battery manufacturing business in China. The subsidiary made a fully payment to Anhui Axxiva New Energy Technology Co., Ltd. on 28 May 2021.

The detail of financial assets measured at fair value through other comprehensive income are as follows:

	-	Consolidated financial inf					al information
	-	Portion of shares held by the Group				Dividend	l income
						during the period	
	-	30 June	31 December	30 June	31 December	30 June	30 June
		2021	2020	2021	2020	2021	2020
Company	Business	%	%	Million Baht	Million Baht	Million Baht	Million Baht
Other non-marketable equity securities							
Ordinary shares							
- Ratchaburi Power Company Limited	Generate and supply electricity	15	15	1,147	1,173	90	-
- San Palung Social Enterprise Company Limited	Social enterprise	10	10	1	1	-	-
- Eastern Fluid Transport Co Ltd	Service	15	15	63	63	3	3
- Anhui Axxiva New Energy Technology Co., Ltd	Battery manufacturing	11	-	499	-	-	-
Preferred shares							
- Business Services Alliance Company Limited	Human resource management	25	25	-	-	-	-
- 24M Technologies, Inc.	Research and development in battery	20.59	26.02	1,720	1,487	-	
Total financial assets measured at fair value through							
other comprehensive income			_	3,430	2,724	93	3

The detail of financial assets measured at fair value through other comprehensive income are as follows:

		Separate financial informa					al information
		Measured at fair value					
		through other Portion of shares held comprehensive income by the Company method		Dividend income			
	_			-		during the period	
		30 June 2021	31 December 2020	30 June 2021	31 December 2020	30 June 2021	30 June 2020
Company	Business	%	%	Million Baht	Million Baht	Million Baht	Million Baht
Other non-marketable equity securities							
Ordinary shares							
- Ratchaburi Power Company Limited	Generate and supply electricity	15	15	1,147	1,173	90	-
- San Palung Social Enterprise Company Limited	Social enterprise	10	10	1	1	-	-
Preferred shares							
- Business Services Alliance Company Limited	Human resource management	25	25	-	-	-	-
- 24M Technologies, Inc.	Research and development in battery	20.59	26.02	1,720	1,487	-	
Total financial assets measured at fair value through							
other comprehensive income			_	2,868	2,661	90	<u>-</u>

14 Property, plant, equipment and intangible assets, net

		Consolidated		Separate
	financi	al information	financial information	
	Property,		Property,	
	plant and	Intangible	plant and	Intangible
	equipment	assets	equipment	assets
	Million Baht	Million Baht	Million Baht	Million Baht
For the six-month period ended				
30 June 2021	00.070	40.000	47.050	000
Opening net book value	99,978	43,983	17,853	203
Additions	2,354	13	566	65
Disposals and write-off, net	(6)	-	(3)	-
Depreciation and amortisation for the period	(3,030)	(1,065)	(630)	(30)
Transfer out, net	(3)	-	` -	` -
Exchange difference on translation	()			
of financial information	135	(1)		-
Closing net book value	99,428	42,930	17,786	238

As at 30 June 2021, the Group's property, plant and equipment with net book value of Baht 40,664 million were mortgaged and pledged as collateral for the long-term loans, as described in Note 16 (as at 31 December 2020: Baht 41,318 million).

15 Right-of-use assets, net

Movements of right-of-use assets for the six-month period ended 30 June 2021 are as follows:

	Consolidated financial information Million Baht	Separate financial information Million Baht
Opening net book value Additions during the period Lease modification Depreciation	2,796 85 25 (101)	570 27 30 (45)
Closing net book value	2,805	582

16 Long-term loans from financial institutions, net

Detail of long-term loans from financial institutions are as follows:

	financia	Consolidated al information	financia	Separate al information
As at	30 June 2021	31 December 2020	30 June 2021	31 December 2020
	Million Baht	Million Baht	Million Baht	Million Baht
Long-term Thai Baht loans Add Fair value adjustment from business	34,834	36,023	8,400	19,347
acquisition, net	218	240	-	
Total long-term Thai Baht loans	35,052	36,263	8,400	19,347
Long-term US Dollar loans Long-term Japanese Yen loan	8,913 1,810	8,843 1,873	-	-
Less Deferred financing fees	(199)	(226)	(8)	(24)
Less Current portion of long-term loans	45,576	46,753	8,392	19,323
from financial institutions	(6,210)	(2,940)	(598)	(1,106)
Total long-term loans from financial institutions, net	39,366	43,813	7,794	18,217

Movements of long-term loans from financial institutions can be analysed as follows:

	Consolidated financial information Million Baht	Separate financial information Million Baht
For the six-month period ended 30 June 2021		
Opening net book value	46,753	19,323
Cash flows:		
Increases during the period	13,064	-
Repayments during the period	(14,816)	(10,947)
Deferred financing fee	(17)	-
Other non-cash movements:		
Amortisation of fair value adjustment from business acquisition	(22)	-
Amortisation of deferred financing fees	44	16
Unrealised loss on exchange rate	518	-
Exchange difference on translation of financial information	52	-
Closing net book value	45,576	8,392

Long-term loans of the Company

As at 30 June 2021, the long-term loans of Baht 8,392 million are unsecured.

Long-term loans of subsidiaries

Details of long-term loan agreements that a subsidiary entered into during the six-month period ended 30 June 2021 which the loans are guaranteed by the Company as follow:

Thai Baht loans

Number	Loan facilities (Million Baht)	Interest Rate	Principal repayment term	Interest payment period
1	883	BIBOR three-month plus a certain margin per annum	Repayment every six months from May 2021	Payment every three months
2	422		Repayment every six months from June 2021	Payment every three months
3	3,185	THBFIX six-month plus a certain margin per annum	Repayment every six months from October 2021	Payment every month
4	6,000	THBFIX six-month plus a certain margin per annum	Repayment every six months from February 2022	Payment every month
5	2,000	.	Repayment on March 2026	Payment every three months
6	1,500	THBFIX six-month plus a certain margin per annum	Repayment every six months commencing on the thirtieth month after the first drawdown date	Payment every six months
Total	13,990			

US Dollar loan

Number	Loan facilities (Million US Dollar)	Interest Rate	Principal repayment term	Interest payment period
1	86	USD-LIBOR three-month plus a certain margin per annum	Repayment on 22 February 2022	Payment every three months

As at 30 June 2021, the long-term loan of a subsidiary in the amount of Baht 7,000 million of which some portion is guaranteed by three subsidiaries. Also, the Group has to maintain the Facility Agreement stipulating certain covenants such as the maintenance of tangible net worth, net debt to equity ratio and debt service coverage ratio (as at 31 December 2020: Baht 9,588 million).

Long-term loans of US Dollar 191 million or equivalent to Baht 6,152 million and the long-term loans of Baht 3,387 million are the secured loans of two subsidiaries that have been mortgaged by the buildings and pledged by all machinery and equipment, including deposits at financial institution (Note 8, 9 and 14). In addition, both subsidiaries have transferred all rights and obligations under various agreement relating to the power plant projects to loan creditors as collateral in accordance with the conditions under the loan agreement. Moreover, each subsidiary is required to comply with certain requirements and conditions; for example, maintaining the debt service coverage ratio and coal stockpile (as at 31 December 2020: US Dollar 207 million or equivalent to Baht 6,255 million and Baht 3,616 million).

17 Debentures, net

	finan	Consolidated cial information	financ	Separate cial information
As at	30 June 2021 Million Baht	31 December 2020 Million Baht	30 June 2021 Million Baht	31 December 2020 Million Baht
Debentures Fair value adjustment from business	57,555	57,555	45,000	45,000
acquisition, net	(9)	66	-	-
Less Deferred financing fees	(53)	(59)	(48)	(52)
<u>Less</u> Current portion of debentures	57,493 (13,051)	57,562 (9,053)	44,952 (3,499)	44,948 (3,499)
Debentures, net	44,442	48,509	41,453	41,449

The movements of debentures for the six-month period ended 30 June 2021 can be analysed as follows:

	Consolidated financial information Million Baht	Separate financial information Million Baht
For the six-month period ended 30 June 2021 Opening net book value	57,562	44,948
Other non-cash movements: Amortisation of fair value adjustment from business acquisition Amortisation of deferred financing fees	(75) 6	- 4
Closing net book value	57,493	44,952

Debentures of the Company

As at 30 June 2021, the Company's debentures of Baht 44,952 million are unsubordinated and unsecured debentures. The Company is required to comply with certain terms and conditions such as maintaining the debt to equity ratio (as at 31 December 2020: Baht 44,948 million).

Debentures of a subsidiary

As at 30 June 2021, a subsidiary' debentures of Baht 12,541 million are unsubordinated and guaranteed debentures which guaranteed by three subsidiaries. The Group has to comply with certain requirements and conditions such as maintaining of tangible net worth, net debt to equity ratio and debt service coverage ratio, etc (as at 31 December 2020: Baht 12,614 million).

On 30 June 2021, a subsidiary sent a notification to debenture holders' representative for early redemption of debentures totalling Baht 4,000 Million on 3 September 2021 which is pursuant to the Terms and Conditions of the debentures. The original maturity date is 10 years from issuing date or within 3 September 2025.

18 Other non-current liabilities

	Consolidated financial information		finan	Separate financial information	
As at	30 June	31 December	30 June	31 December	
	2021	2020	2021	2020	
	Million Baht	Million Baht	Million Baht	Million Baht	
Contract liabilities ⁽¹⁾	14,135	14,095	214	222	
Others	698	705	157	156	
Total other non-current liabilities	14,833	14,800	371	378	

⁽¹⁾ These are advance receipts of availability payments in relation to the availabilities of a subsidiary's power plant, as agreed with EGAT and in accordance with the terms of PPA.

19 Income tax

	financ	Consolidated cial information	Separate financial information		
For the three-month period ended 30 June	2021	2020	2021	2020	
	Million Baht	Million Baht	Million Baht	Million Baht	
Current tax	422	477	57	18	
Deferred tax	(75)	(194)	(14)	(64)	
Total income tax	347	283	43	(46)	
	financ	Consolidated sial information	financ	Separate ial information	
For the six-month period ended 30 June	2021	2020	2021	2020	
	Million Baht	Million Baht	Million Baht	Million Baht	
Current tax	862	624	153	18	
Deferred tax	(62)	(87)	(6)	(10)	
Total income tax	800	537	147	8	

Interim income tax expenses are accrued based on the management estimates using the same tax rate that applies to the expected total profit for the year. The weighted average applicable tax rate for the Group and the Company were 15% and 5%, respectively (2020: 12% and 0%, respectively).

20 Dividends

At the Annual General Meeting of Shareholders of the Company held on 2 April 2021, the shareholders approved to distribute an annual dividend for the year 2020 at Baht 1.50 per share, totalling Baht 4,230 million. The dividend consists of interim dividend of Baht 0.50 per share which were paid to the Company's shareholders in September 2020, the remaining dividends at Baht 1.00 per share, totalling Baht 2,820 million, were paid shareholders on 21 April 2021.

21 Related party transactions

Major shareholders during the period are PTT Public Company Limited (holding 42.53% of shares), Thai Oil Public Company Limited (holding 20.78% of shares) and PTT Global Chemical Public Company Limited (holding 10.00% of shares). All three companies are incorporated in Thailand and PTT Public Company Limited is the ultimate parent company.

The information of the Company's subsidiaries, associates and joint ventures are disclosed in Note 12.

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

Transactions	Pricing policies		
Sale of goods	Contract price		
Rendering of service	Contract price		
Purchase of goods / raw materials	Contract price based on market		
Rental fee	Contract price		
Services fee	Contract price		
Technical fee	Contract price		
Interest income / interest expense	Contract rate		

The following material transactions were carried out with related parties:

21.1 Business transactions

	financi	Consolidated al information	Separate financial information		
For the three-month period ended 30 June	2021 Million Baht	2020 Million Baht	2021 Million Baht	2020 Million Baht	
The ultimate parent company - Revenue from sales - Revenue from services - Cost of sale - Administrative expenses - Cost of property, plant and equipment and intangible assets - Interest expense	188 4 8,888 26 3	1 - 8,351 21 - 1	2,891 25 3	- 2,765 21 -	
Shareholders - Revenue from sales - Revenue from services - Other income - Cost of sales - Interest expense	1,792 1 2 23 1	1,916 - 3 108 -	1,110 1 2 9 1	1,161 - 2 7 -	
Subsidiaries - Revenue from services - Interest income - Other income - Dividend income - Cost of sales - Administrative expenses - Cost of property, plant and equipment and intangible assets - Interest expense		-	260 2 4 766 103 6	266 16 3 1,867 4 36	
Associate - Dividend income - Interest income	6	-	6 1	-	
Joint ventures - Revenue from services - Interest income - Other income - Dividend income - Administrative expenses	1 1 1 -	2 2 2	1 1 1 100	2 1 97	
Indirect associates - Revenue from services - Interest income - Cost of sales	38 37 1	- - -	2 33	- - -	
Other related parties	3,399 1 - 6 3 508 35	3,228 - 1 6 3 318 28	1,910 - - 4 - 135 34	1,740 - 1 3 - 117 26	
equipment and intangible assets - Interest expense	8 1	51 1	8 1	51 1	

	financ	Consolidated ial information	financi	Separate ial information
For the six-month periods ended 30 June	2021 Million Baht	2020 Million Baht	2021 Million Baht	2020 Million Baht
The ultimate parent company				
- Revenue from sales	231	4	-	-
- Revenue from services	4	- 17.100	- 0.450	-
- Cost of sale	17,102 55	17,162 48	6,156 54	6,050 48
 Administrative expenses Cost of property, plant and 	55	40	54	40
equipment and intangible assets	3	-	3	-
- Interest expense	2	17	-	14
Shareholders				
- Revenue from sales	3,585	3,697	2,197	2,266
- Revenue from services	1	-	1	-,
- Other income	4	5	3	3
- Cost of sales	89	160	19	15
- Interest expense	2	4	2	4
Subsidiaries				
- Revenue from sales	-	-	4	-
- Revenue from services	-	-	521	266
Interest income Other income	-	-	4 8	19 11
- Other income - Dividend income	-	-	1,314	3,237
- Cost of sales	-	-	112	4
 Administrative expenses 	-	-	20	36
- Cost of property, plant and				
equipment and intangible assets - Interest expense	-	-	106 38	2
- Interest expense	_	-	30	_
Associate				
- Interest income	12	-	12	-
- Dividend income	-	-	74	71
Joint ventures				
 Revenue from services 	1	-	1	-
- Interest income	2	3	2	3
Other incomeDividend income	2	4	2 238	3 200
- Administrative expenses	1	-	230	200 -
, tanimienam o enpeneed	·		·	
Indirect associates	40			
Revenue from services Interest income	40 72	- 77	4 65	- 71
- Other income	12	4	-	71
- Cost of sales	1	-	-	-
Other related parties - Revenue from sales	6,773	6,174	3,737	3,236
- Revenue from services	0,773	0,174	3,737 -	5,250
- Interest income	-	2	-	2
- Other income	11	10	7	6
- Dividend income	93	3	90	-
- Cost of sales	829 62	623 55	282 58	216 52
 Administrative expenses Cost of property, plant and 	02	55	56	52
equipment and intangible assets	29	53	29	53
- Interest expense	2	2	2	2

21.2 Trade receivables and other receivables from related parties

	finan	Consolidated cial information	financ	Separate ial information
As at	30 June 2021	31 December 2020	30 June 2021	31 December 2020
	Million Baht	Million Baht	Million Baht	Million Baht
Trade receivables				
- The ultimate parent company	65	-	-	-
- Shareholders	661	629	423	401
- Subsidiaries	-	-	559	852
- Joint venture	2	1	2	1
- Indirect associate	32	-	5	-
 Other related parties 	1,402	1,640	660	866
Total trade receivables	2,162	2,270	1,649	2,120
	Í	•	,	,
Other receivables				
 The ultimate parent company 	2	2	1	1
- Subsidiaries	-	-	9	35
- Joint ventures	4	4	4	4
- Indirect associates	3	4		<u>-</u>
- Other related parties	160	62	78	61
Total other receivables	169	72	92	101

21.3 Dividend receivables from related parties

		Consolidated		Separate
	financ	ial information	finan	cial information
As at	30 June	31 December	30 June	31 December
	2021	2020	2021	2020
	Million Baht	Million Baht	Million Baht	Million Baht
Dividend receivables				
- Subsidiary	-	-	117	193
- Joint venture	100	59	100	59
Total dividend receivables	100	59	217	252

21.4 Short-term loans to related parties and related interests

	Consolidated Sep financial information financial inform		Separate cial information	
As at	30 June 2021 Million Baht	31 December 2020 Million Baht	30 June 2021 Million Baht	31 December 2020 Million Baht
Short-term loans to related parties - Subsidiary - Indirect subsidiaries - Indirect associate	- - 848		848 - -	1,140 638 -
	848		848	1,778

Movements of long-term loans to related parties can be analysed as follows:

	Consolidated financial information Million Baht	Separate financial information Million Baht
For the six-month period ended 30 June 2021		
Opening balance	-	1,778
Cash flow:		
Cash paid for short-term loan	848	898
Cash received from repayment	(1,668)	(1,828)
Other non-cash movement:		
Reclassification (Note 12.2)	1,668	-
Ending balance	848	848

During the six-month period ended 30 June 2021, the Company entered into the short-term loan agreement with a subsidiary for loan facility of Baht 1,743 million which bears interest at a fixed rate per annum. The repayment of interest and principal will be paid in one year after the first drawdown date. Such subsidiary already drawn down the loan of Baht 848 million. The purpose of the loan is to provide a short-term loan to a related party of Baht 848 million. The loan bears interest at a fixed rate per annum. The repayment of interest and principal will be made by the subsidiary within one year after the first drawdown date.

21.5 Long-term loans to related parties and related interests

	Consolic financial inform		finan	Separate cial information
As at	30 June	31 December	30 June	31 December
	2021	2020	2021	2020
	Million Baht	Million Baht	Million Baht	Million Baht
Long-term loans to related parties - Subsidiary				
- Due within 1 year	-	-	48	48
- Due over 1 year - Joint venture	-	-	84	107
- Due over 1 year	92	87	92	87
Accrued interest incomeAssociate	9	6	9	6
- Due within 1 year	92	-	92	-
Due over 1 yearIndirect associates	627	-	627	-
- Due over 1 year	2,712	2,712	2,463	2,463
- Accrued interest income	748	683	748	683
	4,280	3,488	4,163	3,394

Movements of long-term loans to related parties can be analysed as follows:

	Consolidated financial information Million Baht	Separate financial information Million Baht
For the six-month period ended 30 June 2021		
Opening balance	2,799	2,705
Cash flow:		
Cash paid for long-term loan	834	834
Cash received from repayment	(116)	(139)
Other non-cash movement:		
Unrealised gain on exchange rate	6	6
Ending balance	3,523	3,406

During the six-month period ended 30 June 2021, the Company entered into a loan agreement with an associate for loan totalling Baht 834 million. The loan dues for repayment of principal within 2031. The repayment of principal and interest shall be paid annually in June.

21.6 Non-current assets - related parties

	financ	Consolidated cial information	finan	Separate cial information
As at	30 June 2021	31 December 2020	30 June 2021	31 December 2020
	Million Baht	Million Baht	Million Baht	Million Baht
Non-current assets - related parties - The ultimate parent company	5	7	-	_
- Shareholder	2,195 ^(*)	2,195 ^(*)	3	3
 Other related parties 	8	8	8	8
	2,208	2,210	11	11

^(*) As at 30 June 2021, non-current asset of Baht 2,192 was advance payment of the essential agreements under the Energy Recovery Unit Project of a subsidiary (as at 31 December 2020: Baht 2,192 million).

21.7 Trade payables, accrued expenses and other payables from related parties

	financ	Consolidated ial information	financ	Separate cial information
As at	30 June 2021 Million Baht	31 December 2020 Million Baht	30 June 2021 Million Baht	31 December 2020 Million Baht
Trade payables and accrued expenses - The ultimate parent company	3,564	3,022	1,125	1,347
ShareholdersSubsidiariesOther related parties	6 - 51	35 - 42	3 43 36	4 5 30
Total trade payables and accrued expenses	3,621	3,099	1,207	1,386
Other payables - The ultimate parent company	22	3	21	3
ShareholdersSubsidiariesJoint venture	18 - 2	- - 1	17 23 2	21 1
- Other related parties	838	233	147	44
Total other payables	880	237	210	69

21.8 Non-current liabilities - related parties

	financ	Consolidated cial information	financ	Separate cial information
As at	30 June	31 December	30 June	31 December
	2021	2020	2021	2020
	Million Baht	Million Baht	Million Baht	Million Baht
Non-current liabilities - related parties				
 The ultimate parent company 	5	5	-	-
- Shareholders	31	33	15	16
 Other related parties 	30	32	-	-
	66	70	15	16

21.9 Long-term loans from a related party

		Separate nancial information	
	financ		
As at	30 June	31 December	
	2021	2020	
	Million Baht	Million Baht	
- Subsidiary			
- Due within 1 year	851	-	
- Due over 1 year	9,548	<u> </u>	
	10,399		

Movements of long-term loans from a related party can be analysed as follows:

For the six-month period ended 30 June 2021	Separate financial information <u>Million Baht</u>
Opening balance Cash flow:	-
Increases during the period Repayments during the period	10,490 (91)
Ending balance	10,399

During the six-month period ended 30 June 2021, the Company entered into three loan agreements with a subsidiary for loans totalling Baht 10,490 million. The Company has fully drawn down the loan amounts. The loan of Baht 1,305 million bears interest at 3M-BIBOR plus a certain margin per annum. The interest shall be paid every three months. And the loan of Baht 9,185 million bears interest at 6M-THBFIX plus a certain margin per annum. The interest shall be paid every month.

In addition, The Company has entered into a loan agreement with a subsidiary of the ultimate parent company for the loan totalling Baht 20,000 million. Such loan bears interest at a fixed rate per annum. The interest shall be paid every six months and the principal shall be fully paid within three years after the first drawdown date. The purpose is to support for investment in renewable energy abroad. Company must comply with the certain requirements and conditions, such as maintaining the net debt to equity ratio. As of 30 June 2021, the Company has not drawn down such loan.

21.10 Directors and managements remuneration

		Consolidated	Separate	
	financ	ial information	financial information	
For the three-month periods ended 30 June	2021 Million Baht	2020 Million Baht	2021 Million Baht	2020 Million Baht
Short-term benefits	94	65	88	57
	financ	Consolidated ial information	Separate financial information	
For the six-month periods ended 30 June	2021	2020	2021	2020
	Million Baht	Million Baht	Million Baht	Million Baht

22 Commitment and significant agreements

For the six-month period ended 30 June 2021, the Group has no significant changes in commitments and significant agreements from the year ended 31 December 2020, except significant agreement and changes in the amounts of the commitments as follows:

Capital expenditure obligations

The Group had commitments under design, construction and installation of machinery and equipment and project construction contract considered as capital expenditure obligations as of the statement of financial position date but not recognised in the financial statement are as follow:

	Foreign currency Million	30 June 2021 Million Baht	Foreign currency Million	nancial statement 31 December 2020 Million Baht			
Baht US Dollar Yen Swedish krona Singapore Dollar Euro	642 14 339 - 2	1,708 20,688 4 1,290 1 80	647 38 398 - -	2,108 19,539 11 1,477 -			
Total		23,771		23,135			
		Separate financial statement					
	Foreign currency Million	30 June 2021 Million Baht	Foreign currency Million	31 December 2020 Million Baht			
Baht US Dollar Yen	- 2 14	115 62 4	- 3 39_	346 92 11			
Total	_	181	<u>_</u>	449			

23 Events after the reporting date

23.1 Additional investment in Global Renewable Synergy Company Limited

On 7 July 2021, Global Renewable Synergy Company Limited called for the remaining paid-up for share capital of 10,000 shares at Baht 75, totalling Baht 750,000. On the same date, a subsidiary called for the paid-up of additional share capital in the same proportion as its original investment of 164,990,000 ordinary shares, with a par value of Baht 100, totalling Baht 16,499 million. Global Renewable Synergy Company Limited called for the first payment at Baht 91.50 per share, totalling Baht 15,097 million. The Company paid for the remaining and additional share capital on the same date.

23.2 Approval of additional investment

On 13 July 2021, a subsidiary has completed the acquisition by the way of subscription of new shares in Avaada Energy Private Limited (Avaada) to acquire 508,217,550 shares, a company that operates a large portfolio of solar power plants in India. The share acquisition represents approximately 41.6% of the total registered and paid-up capital, totaling investment approximately Baht 14,825 million. The subsidiary made a full payment to Avaada Ventures Private Limited on 13 July 2021.

On 14 July 2021, that subsidiary entered into a share purchase agreement with Copenhagen Infrastructure II K/S (CI-II) and Copenhagen Infrastructure III K/S (CI-III) to acquire shares in CI Changfang Limited and CI Xidao Limited, the companies which are developing and constructing an offshore wind power project in Taiwan. The share acquisition represents 25% of the total registered and paid-up capital, totalling US Dollar 500 million. The investment is subject to satisfying the conditions precedent in the agreement.

23.3 Loan agreement of a subsidiary

On 20 July 2021, a subsidiary entered into a long-term loan agreement for Baht 3,000 million with a financial institution. The maturity of this loan is ten years commencing from the first drawdown date. The loan bears interest at 6M BIBOR plus a certain fixed margin per annum.

23.4 Power purchase agreements

On 23 July 2021, a subsidiary entered into two power purchase agreements (PPAs) with the Electricity Generating Authority of Thailand (EGAT) to replace the two existing PPAs which will be expired in September and November 2022. The PPAs are effective for the periods of 25 years starting from the commercial operation dates. The sales quantities and prices must comply with the agreements.

23.5 Loan agreement of the Company

On 29 July 2021, the Company entered into two long-term loan agreements with a subsidiary. The Baht 2,000 million loan is due in five years and bears interest at 3M BIBOR plus a certain fixed margin per annum. The Baht 1,500 million loan is due in ten years and bears interest at 6M THOR plus a certain fixed margin per annum.