

## **Independent Auditor's Report**

### **To the shareholders of The Bangchak Petroleum Public Company Limited**

#### *Opinion*

I have audited the consolidated and separate financial statements of The Bangchak petroleum Public Company Limited and its subsidiaries (the "Group") and of The Bangchak Petroleum Public Company Limited (the "Company"), respectively, which comprise the consolidated and separate statements of financial position as at 31 December 2016, the consolidated and separate statements of income and comprehensive income, changes in equity and cash flows for the year then ended, and notes, comprising a summary of significant accounting policies and other explanatory information.

In my opinion, the accompanying consolidated and separate financial statements present fairly, in all material respects, the financial position of the Group and the Company, respectively, as at 31 December 2016 and their financial performance and cash flows for the year then ended in accordance with Thai Financial Reporting Standards (TFRSs).

#### *Basis for Opinion*

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

### *Key Audit Matters*

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

<b>Business acquisition</b>	
<b>Refer to Notes 3 (a) and 4 to the financial statements.</b>	
<b>The key audit matter</b>	<b>How the matter was addressed in the audit</b>
During 2016, the Group completed the acquisition of Solar business in Japan. The Group engaged independent appraiser to provide valuation of the fair value of the assets and liabilities acquired. The fair value assessment of intangible assets are based on estimates and significant assumptions. In addition, the Group has additional contingent consideration, the estimation of additional contingent consideration required judgment by the management and is inherently uncertain, therefore, this is focus area in my audit.	My audit procedures included evaluating the independent appraiser independence & qualification. I challenged the significant assumptions. I engaged KPMG valuation specialist to assist in verifying the methodology adopted in determining fair value and testing the mathematical accuracy. I assessed the appropriateness of additional contingent consideration estimated by the management. I considered the adequacy of the group's disclosures in respect of the business acquisition.

<b>Calculation of recoverable amount of oil exploration &amp; production assets</b>	
<b>Refer to Notes 3 (b) and 9 to the financial statements.</b>	
<b>The key audit matter</b>	<b>How the matter was addressed in the audit</b>
The outlook for oil market continues to be challenging due to excess of crude oil supply against a backdrop of reduced demand growth. As a result, future oil prices are still continuing to fluctuate. The recoverable amount calculated is based on value in use. The value in use is derived from discounted cash flow projections which reflect a number of assumptions and estimates by the management, therefore, this is focus area in my audit.	My audit procedures included testing of the calculation of recoverable amount prepared by the management. I assessed the key assumptions estimated by the management with reference to internally and externally derived sources after taking into account the historical forecasting accuracy. I consulted with KPMG valuation specialists when considering the appropriateness of the discount rate. I performed sensitivity analysis around the key assumption. I considered the adequacy of the disclosures.

<b>Valuation of inventories</b>	
<b>Refer to Notes 3(g) and 10 to the financial statements.</b>	
<b>The key audit matter</b>	<b>How the matter was addressed in the audit</b>
Inventories are measured at the lower of cost and net realizable value. As a result of fluctuation in crude oil and oil products price which may cause the net realizable value to be lower than cost.	I verified the appropriateness of the net realizable value calculation. I checked the selling prices of finished goods with the reference market price. I considered the adequacy of the disclosure of inventories.

*Other Information*

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(Natthaphong Tantichattanon)  
Certified Public Accountant  
Registration No. 8829

KPMG Phoomchai Audit Ltd.  
Bangkok  
16 February 2017

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Statement of financial position**

Assets	Note	Consolidated financial statements		Separate financial statements	
		31 December		31 December	
		2016	2015	2016	2015
		(Baht)			
<b>Current assets</b>					
Cash and cash equivalents	6	19,286,650,258	7,871,868,029	8,872,401,610	5,468,589,618
Current investments	7	1,719,320,377	4,518,563,720	1,000,000,000	4,500,000,000
Trade accounts receivable	5,8	6,021,982,449	5,234,363,216	6,474,986,368	5,311,536,208
Other receivables	5,9	1,190,737,850	742,471,470	745,835,401	505,703,600
Short-term loans to related parties	5	-	-	-	389,616,500
Current portion of long-term loans to related parties	5	-	-	-	302,800,000
Inventories	10	14,560,471,060	13,944,669,465	13,458,131,958	13,247,975,779
Oil fuel fund subsidies receivable		894,078,150	825,115,582	894,078,150	825,115,582
Other current assets		477,256,635	489,417,534	153,151,581	438,646,215
Asset classified as held for sale	7	-	173,236,050	-	173,236,050
<b>Total current assets</b>		<b>44,150,496,779</b>	<b>33,799,705,066</b>	<b>31,598,585,068</b>	<b>31,163,219,552</b>
<b>Non-current assets</b>					
Investments in subsidiaries	5,11	-	-	11,638,763,688	6,144,718,811
Investments in associate and joint ventures	5,12	839,622,815	774,329,976	807,549,520	763,229,520
Long-term loans to related parties	5	-	-	2,788,518,160	8,883,635,060
Other long-term investments	7	739,467,997	328,398,837	310,276,940	136,357,385
Investment properties	13	359,602,729	459,340,000	359,602,729	459,340,000
Property, plant and equipment	14	46,461,888,655	40,043,905,957	26,913,328,283	24,990,584,721
Leasehold rights	15	1,939,042,196	1,643,500,554	1,939,042,196	1,643,500,554
Intangible assets	16	5,012,615,898	2,778,845,972	330,026,698	204,870,296
Deferred tax assets	17	546,509,432	559,603,859	510,065,205	550,203,092
Other non-current assets	5,18	1,733,613,488	1,554,686,417	1,153,478,979	863,924,906
<b>Total non-current assets</b>		<b>57,632,363,210</b>	<b>48,142,611,572</b>	<b>46,750,652,398</b>	<b>44,640,364,345</b>
<b>Total assets</b>		<b>101,782,859,989</b>	<b>81,942,316,638</b>	<b>78,349,237,466</b>	<b>75,803,583,897</b>

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

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Statement of financial position**

	<i>Note</i>	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
		31 December		31 December	
<b>Liabilities and equity</b>		2016	2015	2016	2015
		<i>(Baht)</i>			
<b>Current liabilities</b>					
Short-term loan from financial institutions	19	7,444,017,507	-	7,189,248,722	-
Trade accounts payable	5,20	8,766,153,610	4,994,448,174	8,290,994,795	4,475,029,203
Other payables	5,21	3,092,612,227	2,754,650,682	1,720,024,218	1,875,305,879
Current portion of long-term loans					
from financial institutions	19	1,697,384,523	1,026,315,586	300,153,846	880,840,541
Current portion of debenture	19	2,000,000,000	-	2,000,000,000	-
Excise tax and oil fuel fund payable		1,069,026,480	777,803,136	1,069,026,480	777,803,136
Income tax payable		492,705,145	77,873,228	475,130,095	54,785,693
Short-term provisions	4	502,155,651	-	-	-
Other current liabilities	5	1,011,954,349	857,598,429	919,149,821	826,216,458
<b>Total current liabilities</b>		<b>26,076,009,492</b>	<b>10,488,689,235</b>	<b>21,963,727,977</b>	<b>8,889,980,910</b>
<b>Non-current liabilities</b>					
Long-term loans from financial institutions	19	14,457,827,965	16,647,688,123	3,401,230,769	14,051,226,841
Debentures	19	13,987,569,976	15,984,205,787	13,987,569,976	15,984,205,787
Deferred tax liabilities	17	600,686,417	280,470,359	-	-
Liabilities on long-term lease		38,068,420	43,373,684	38,068,420	43,373,684
Employee benefit obligations	22	1,769,716,139	1,571,345,064	1,709,201,552	1,513,980,322
Provision for the decommissioning cost		869,591,180	847,873,770	-	-
Other non-current liabilities	5	74,855,730	95,245,649	37,031,893	60,074,579
<b>Total non-current liabilities</b>		<b>31,798,315,827</b>	<b>35,470,202,436</b>	<b>19,173,102,610</b>	<b>31,652,861,213</b>
<b>Total liabilities</b>		<b>57,874,325,319</b>	<b>45,958,891,671</b>	<b>41,136,830,587</b>	<b>40,542,842,123</b>

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

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Statement of financial position**

	<i>Note</i>	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
		31 December		31 December	
<b>Liabilities and equity</b>		2016	2015	2016	2015
		<i>(Baht)</i>			
<b>Equity</b>					
Share capital	23				
Authorised share capital		<u>1,376,923,157</u>	<u>1,376,923,157</u>	<u>1,376,923,157</u>	<u>1,376,923,157</u>
Issued and paid-up share capital		<u>1,376,923,157</u>	<u>1,376,923,157</u>	<u>1,376,923,157</u>	<u>1,376,923,157</u>
Additional paid-in capital :					
Share premium on ordinary shares	24	11,157,460,051	11,157,460,051	11,157,460,051	11,157,460,051
Capital surplus on registered and paid-up share reduction	24	189,617,759	189,617,759	189,617,759	189,617,759
Surplus from the change in the ownership interest in subsidiaries	24	1,612,670,404	18,621,225	-	-
Retained earnings					
Appropriated					
Legal reserve	24	153,164,346	153,164,346	153,164,346	153,164,346
Unappropriated		24,931,575,363	22,706,157,789	24,335,241,566	22,383,576,461
Other components of equity		<u>121,325,051</u>	<u>- 120,962,723</u>	<u>-</u>	<u>-</u>
<b>Total equity attributable to owners of the Company</b>		<b><u>39,542,736,131</u></b>	<b><u>35,480,981,604</u></b>	<b><u>37,212,406,879</u></b>	<b><u>35,260,741,774</u></b>
Non-controlling interests	11	<u>4,365,798,539</u>	<u>502,443,363</u>	<u>-</u>	<u>-</u>
<b>Total equity</b>		<b><u>43,908,534,670</u></b>	<b><u>35,983,424,967</u></b>	<b><u>37,212,406,879</u></b>	<b><u>35,260,741,774</u></b>
<b>Total liabilities and equity</b>		<b><u>101,782,859,989</u></b>	<b><u>81,942,316,638</u></b>	<b><u>78,349,237,466</u></b>	<b><u>75,803,583,897</u></b>

(Pichai Chunchavajira)  
Chairman

(Chaiwat Kovavisarach)  
Chief Executive Officer and President

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



**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Statement of income**

	Note	Consolidated financial statements		Separate financial statements	
		For the year ended 31 December		For the year ended 31 December	
		2016	2015	2016	2015
		(Baht)			
Revenue from sale of goods and rendering of services	5,25,34	144,705,285,799	151,140,356,979	137,064,282,581	144,346,156,871
Cost of sale of goods and rendering of services	5	(132,809,348,889)	(139,686,216,222)	(128,552,154,583)	(135,749,445,007)
<b>Gross Profit</b>		<b>11,895,936,910</b>	<b>11,454,140,757</b>	<b>8,512,127,998</b>	<b>8,596,711,864</b>
Investment income	5,26	190,539,682	248,495,773	1,346,487,355	2,616,783,493
Other income	5,27	336,578,056	294,386,903	307,493,794	444,144,004
Selling expenses	5,28	(3,785,916,892)	(3,215,083,173)	(2,717,840,484)	(2,332,965,512)
Administrative expenses	5,29	(2,402,834,948)	(1,960,320,790)	(1,481,398,326)	(1,516,808,059)
Gain (loss) from crude and product oil price hedging contract		107,345,883	(406,596,647)	111,862,612	(471,971,840)
Gain (loss) from foreign currencies forward contract		39,383,009	(155,416,710)	39,383,009	(161,933,060)
Gain on foreign exchange		236,778,252	177,589,625	311,723,858	22,373,076
Reversal of allowance for loss (loss) from impairment of assets	14	36,801,552	(64,877,240)	49,077,265	128,802,744
Share of profit of associate and joint ventures	12	20,972,839	12,402,069	-	-
Gain on bargain purchase	4	226,592,414	-	-	-
<b>Profit before finance costs and income tax expense</b>		<b>6,902,176,757</b>	<b>6,384,720,567</b>	<b>6,478,917,081</b>	<b>7,325,136,710</b>
Finance costs	32	(1,483,796,026)	(1,614,563,861)	(1,208,326,628)	(1,463,223,916)
<b>Profit before income tax expense</b>		<b>5,418,380,731</b>	<b>4,770,156,706</b>	<b>5,270,590,453</b>	<b>5,861,912,794</b>
Income tax expense	33	(688,972,397)	(672,775,197)	(768,290,528)	(735,727,507)
<b>Profit for the year</b>		<b>4,729,408,334</b>	<b>4,097,381,509</b>	<b>4,502,299,925</b>	<b>5,126,185,287</b>
<b>Profit (loss) attributable to:</b>					
Owners of the Company		4,773,384,169	4,150,763,667	4,502,299,925	5,126,185,287
Non-controlling interests		(43,975,835)	(53,382,158)	-	-
<b>Profit for the year</b>		<b>4,729,408,334</b>	<b>4,097,381,509</b>	<b>4,502,299,925</b>	<b>5,126,185,287</b>
<b>Earnings per share</b>					
Basic earnings per share	35	3.47	3.01	3.27	3.72

(Pichai Chunhavajira)  
Chairman

(Chaiwat Kovavisarach)  
Chief Executive Officer and President

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**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Statement of comprehensive income**

	<b>Consolidated financial</b>		<b>Separate financial</b>	
	<b>statements</b>		<b>statements</b>	
	For the year ended 31 December		For the year ended 31 December	
<i>Note</i>	2016	2015	2016	2015
	<i>(Baht)</i>			
<b>Profit for the year</b>	<b><u>4,729,408,334</u></b>	<b><u>4,097,381,509</u></b>	<b><u>4,502,299,925</u></b>	<b><u>5,126,185,287</u></b>
<b>Other comprehensive income (loss)</b>				
<i>Item that will not be reclassified to profit or loss</i>				
Defined benefit plan actuarial losses, net of income tax	<u>(70,168,351)</u>	<u>(184,597,800)</u>	<u>(72,216,497)</u>	<u>(187,823,494)</u>
	<b><u>(70,168,351)</u></b>	<b><u>(184,597,800)</u></b>	<b><u>(72,216,497)</u></b>	<b><u>(187,823,494)</u></b>
<i>Items that are or may be reclassified subsequently to profit or loss</i>				
Foreign currency translation differences for foreign operations	17,310,716	99,021,611	-	-
Net change in fair value of available-for-sale investment	7 <u>234,920,598</u>	<u>14,592,245</u>	<u>-</u>	<u>-</u>
	<b><u>252,231,314</u></b>	<b><u>113,613,856</u></b>	<u>-</u>	<u>-</u>
<b>Other comprehensive income (loss) for the year, net of income tax</b>	<b><u>182,062,963</u></b>	<b><u>(70,983,944)</u></b>	<b><u>(72,216,497)</u></b>	<b><u>(187,823,494)</u></b>
<b>Total comprehensive income for the year</b>	<b><u>4,911,471,297</u></b>	<b><u>4,026,397,565</u></b>	<b><u>4,430,083,428</u></b>	<b><u>4,938,361,793</u></b>
<b>Total comprehensive income (loss) attributable to</b>				
Owners of the Company	4,945,586,505	4,099,028,960	4,430,083,428	4,938,361,793
Non-controlling interests	<u>(34,115,208)</u>	<u>(72,631,395)</u>	<u>-</u>	<u>-</u>
<b>Total comprehensive income for the year</b>	<b><u>4,911,471,297</u></b>	<b><u>4,026,397,565</u></b>	<b><u>4,430,083,428</u></b>	<b><u>4,938,361,793</u></b>

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

The Bangchak Petroleum Public Company Limited and its Subsidiaries

Statement of changes in equity

Consolidated financial statements

Note	Issued and paid-up share capital	Share premium	Capital surplus on registered and paid-up share reduction	Share premium on subsidiaries of the Company	Retained earnings		Other component of equity			Equity attributable to owners of the Company	Non- controlling interests	Total equity
					Legal reserve	Unappropriated	Currency translation differences	Fair value changes in available-for-sale investment	Total other components of equity			
<i>(Baht)</i>												
<b>Year ended 31 December 2015</b>												
<b>Balance at 1 January 2015</b>	<b>1,376,923,157</b>	<b>11,157,460,051</b>	<b>189,617,759</b>	<b>18,621,225</b>	<b>153,164,346</b>	<b>20,666,883,964</b>	<b>(253,758,024)</b>	<b>-</b>	<b>(253,758,024)</b>	<b>33,308,912,478</b>	<b>657,058,218</b>	<b>33,965,970,696</b>
<b>Transactions with owners, recorded directly in equity</b>												
<i>Contributions by and distributions to owners of the Company</i>												
Share-based payment transactions	-	-	-	-	-	501,606	-	-	-	501,606	-	501,606
Dividends to owners of the Company	36	-	-	-	-	(1,927,461,440)	-	-	-	(1,927,461,440)	(81,983,460)	(2,009,444,900)
<b>Total contributions by and distributions to owners of the Company</b>						<b>(1,926,959,834)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(1,926,959,834)</b>	<b>(81,983,460)</b>	<b>(2,008,943,294)</b>
<b>Total transactions with owners, recorded directly in equity</b>						<b>(1,926,959,834)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(1,926,959,834)</b>	<b>(81,983,460)</b>	<b>(2,008,943,294)</b>
<b>Comprehensive income (loss) for the year</b>												
Profit or (loss)	-	-	-	-	-	4,150,763,667	-	-	-	4,150,763,667	(53,382,158)	4,097,381,509
Other comprehensive income (loss)	-	-	-	-	-	(184,530,008)	118,203,056	14,592,245	132,795,301	(51,734,707)	(19,249,237)	(70,983,944)
<b>Total comprehensive income (loss) for the year</b>						<b>3,966,233,659</b>	<b>118,203,056</b>	<b>14,592,245</b>	<b>132,795,301</b>	<b>4,099,028,960</b>	<b>(72,631,395)</b>	<b>4,026,397,565</b>
<b>Balance at 31 December 2015</b>	<b>1,376,923,157</b>	<b>11,157,460,051</b>	<b>189,617,759</b>	<b>18,621,225</b>	<b>153,164,346</b>	<b>22,706,157,789</b>	<b>(135,554,968)</b>	<b>14,592,245</b>	<b>(120,962,723)</b>	<b>35,480,981,604</b>	<b>502,443,363</b>	<b>35,983,424,967</b>

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

The Bangchak Petroleum Public Company Limited and its Subsidiaries

Statement of changes in equity

Consolidated financial statements												
Note	Issued and paid-up share capital	Share premium	Capital surplus on registered and paid-up share reduction	Surplus from the change in ownership interest in subsidiaries	Retained earnings		Other component of equity			Equity attributable to owners of the Company	Non-controlling interests	Total equity
					Legal reserve	Unappropriated	Currency translation differences	Fair value changes in available-for-sale investment	Total other components of equity			
<b>Year ended 31 December 2016</b>												
	1,376,923,157	11,157,460,051	189,617,759	18,621,225	153,164,346	22,706,157,789	(135,554,968)	14,592,245	(120,962,723)	35,480,981,604	502,443,363	35,983,424,967
	(Baht)											
<b>Balance at 1 January 2016</b>												
	1,376,923,157	11,157,460,051	189,617,759	18,621,225	153,164,346	22,706,157,789	(135,554,968)	14,592,245	(120,962,723)	35,480,981,604	502,443,363	35,983,424,967
<b>Transactions with owners, recorded directly in equity</b>												
<i>Contributions by and distributions to owners of the Company</i>												
	-	-	-	-	-	537,166	-	-	-	537,166	-	537,166
36	-	-	-	-	-	(2,478,418,323)	-	-	-	(2,478,418,323)	(363,599,523)	(2,842,017,846)
	-	-	-	-	-	(2,477,881,157)	-	-	-	(2,477,881,157)	(363,599,523)	(2,841,480,680)
<b>Changes in ownership interests in subsidiary</b>												
4	-	-	-	-	-	-	-	-	-	-	146,954	146,954
	-	-	-	-	-	-	-	-	-	-	84,068,082	84,068,082
11	-	-	-	1,594,049,179	-	-	-	-	-	1,594,049,179	4,176,854,871	5,770,904,050
	-	-	-	1,594,049,179	-	-	-	-	-	1,594,049,179	4,261,069,907	5,855,119,086
	-	-	-	1,594,049,179	-	(2,477,881,157)	-	-	-	(883,831,978)	3,897,470,384	3,013,638,406
<b>Total transactions with owners, recorded directly in equity</b>												
	-	-	-	1,594,049,179	-	(2,477,881,157)	-	-	-	(883,831,978)	3,897,470,384	3,013,638,406
<b>Comprehensive income for the year</b>												
	-	-	-	-	-	4,773,384,169	-	-	-	4,773,384,169	(43,975,835)	4,729,408,334
	-	-	-	-	-	(70,085,438)	7,367,176	234,920,598	242,287,774	172,202,336	9,860,627	182,062,963
	-	-	-	-	-	4,703,298,731	7,367,176	234,920,598	242,287,774	4,945,586,505	(34,115,208)	4,911,471,297
	-	-	-	-	-	4,703,298,731	7,367,176	234,920,598	242,287,774	4,945,586,505	(34,115,208)	4,911,471,297
	1,376,923,157	11,157,460,051	189,617,759	1,612,670,404	153,164,346	24,931,575,363	(128,187,792)	249,512,843	121,325,051	39,542,736,131	4,365,798,539	43,908,534,670

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

The Bangchak Petroleum Public Company Limited and its Subsidiaries

Statement of changes in equity

	Note	Separate financial statements					Total equity
		Issued and paid-up share capital	Share premium	Capital surplus on registered and paid-up share reduction	Retained earnings		
					Legal reserve	Unappropriated	
(Baht)							
<b>Year ended 31 December 2015</b>							
<b>Balance at 1 January 2015</b>		<b>1,376,923,157</b>	<b>11,157,460,051</b>	<b>189,617,759</b>	<b>153,164,346</b>	<b>19,372,676,108</b>	<b>32,249,841,421</b>
<b>Transactions with owners, recorded directly in equity</b>							
<i>Distributions to owners of the Company</i>							
Dividends to owners of the Company	36	-	-	-	-	(1,927,461,440)	(1,927,461,440)
<b>Total transactions with owners, recorded directly in equity</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(1,927,461,440)</b>	<b>(1,927,461,440)</b>
<b>Comprehensive income for the year</b>							
Profit or loss		-	-	-	-	5,126,185,287	5,126,185,287
Other comprehensive income (loss)		-	-	-	-	(187,823,494)	(187,823,494)
<b>Total comprehensive income for the year</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,938,361,793</b>	<b>4,938,361,793</b>
<b>Balance at 31 December 2015</b>		<b>1,376,923,157</b>	<b>11,157,460,051</b>	<b>189,617,759</b>	<b>153,164,346</b>	<b>22,383,576,461</b>	<b>35,260,741,774</b>
<b>Year ended 31 December 2016</b>							
<b>Balance at 1 January 2016</b>		<b>1,376,923,157</b>	<b>11,157,460,051</b>	<b>189,617,759</b>	<b>153,164,346</b>	<b>22,383,576,461</b>	<b>35,260,741,774</b>
<b>Transactions with owners, recorded directly in equity</b>							
<i>Distributions to owners of the Company</i>							
Dividends to owners of the Company	36	-	-	-	-	(2,478,418,323)	(2,478,418,323)
<b>Total transactions with owners, recorded directly in equity</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(2,478,418,323)</b>	<b>(2,478,418,323)</b>
<b>Comprehensive income for the year</b>							
Profit or loss		-	-	-	-	4,502,299,925	4,502,299,925
Other comprehensive income (loss)		-	-	-	-	(72,216,497)	(72,216,497)
<b>Total comprehensive income for the year</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,430,083,428</b>	<b>4,430,083,428</b>
<b>Balance at 31 December 2016</b>		<b>1,376,923,157</b>	<b>11,157,460,051</b>	<b>189,617,759</b>	<b>153,164,346</b>	<b>24,335,241,566</b>	<b>37,212,406,879</b>

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

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**

**Statement of cash flows**

	<b>Consolidated financial</b>		<b>Separate financial</b>	
	<b>statements</b>		<b>statements</b>	
	For the year ended 31 December		For the year ended 31 December	
	2016	2015	2016	2015
	<i>(Baht)</i>			
<b><i>Cash flows from operating activities</i></b>				
Profit for the year	4,729,408,334	4,097,381,509	4,502,299,925	5,126,185,287
<b><i>Adjustments for</i></b>				
Depreciation	4,461,315,330	4,465,625,941	2,985,385,356	3,186,401,021
Amortisation	273,062,194	242,840,119	241,696,109	240,356,112
(Reversal of) allowance for bad and doubtful debts expense	(2,093,327)	(265,525)	(1,686,752)	547,028
Unrealised loss on foreign exchange	90,197,777	270,237,527	46,512,908	430,395,860
Reversal of allowance for loss on decline in value of inventories	(98,220,697)	(881,650,321)	(104,946,031)	(887,298,737)
(Reversal of) allowance for loss from impairment of assets	(36,801,552)	64,877,240	(49,077,265)	(128,802,744)
(Gain) loss on disposal of property, plant and equipment	(8,022,464)	74,964,514	(8,504,377)	75,061,787
Investment Income	(190,539,682)	(248,495,773)	(1,346,487,355)	(2,616,783,493)
Gain on disposal of other investment	(29,466,450)	-	(29,466,450)	-
Gain on disposal of investment in subsidiaries to related party	-	-	-	(173,645,000)
Gain on bargain purchase	(226,592,414)	-	-	-
Provision for employee benefit	144,830,349	144,533,333	126,582,137	138,566,343
Deferred revenue	(5,291,890)	(1,531,570)	(5,291,890)	(1,531,570)
Provision for customer loyalty programmes	32,395,610	22,908,705	32,395,610	22,908,705
Share of profit of associate and joint ventures, net of income tax expense	(20,972,839)	(12,402,069)	-	-
Finance costs	1,483,796,026	1,614,563,861	1,208,326,628	1,463,223,916
Income tax expense	688,972,397	672,775,197	768,290,528	735,727,507
	<u>11,285,976,702</u>	<u>10,526,362,688</u>	<u>8,366,029,081</u>	<u>7,611,312,022</u>
<b><i>Changes in operating assets and liabilities</i></b>				
Trade accounts receivable	(797,156,673)	807,464,878	(1,155,834,771)	999,153,391
Other receivables	(188,574,430)	652,340,347	(90,316,331)	519,568,549
Inventories	(515,394,543)	1,287,325,856	(103,464,769)	997,220,531
Other current assets	107,382,974	1,412,243,054	260,190,470	1,373,151,507
Other non-current assets	(372,916,284)	(64,048,491)	(345,781,302)	(64,359,991)
Trade accounts payable	3,775,098,036	(1,007,121,583)	3,819,431,817	(1,144,521,302)
Other payables	87,073,428	(402,594,442)	(145,066,349)	(411,686,231)
Other current liabilities	353,724,888	(416,380,375)	407,013,407	(112,958,202)
Employee benefit obligations	(30,820,589)	(29,061,584)	(21,631,528)	(28,338,664)
Other non-current liabilities	(232,241)	(56,351,711)	(26,531,405)	(66,811,257)
Cash generated from operating activities	<u>13,704,161,268</u>	<u>12,710,178,637</u>	<u>10,964,038,320</u>	<u>9,671,730,353</u>
Income tax paid	<u>(416,418,362)</u>	<u>(677,222,726)</u>	<u>(341,531,082)</u>	<u>(530,269,535)</u>
<b>Net cash from operating activities</b>	<b><u>13,287,742,906</u></b>	<b><u>12,032,955,911</u></b>	<b><u>10,622,507,238</u></b>	<b><u>9,141,460,818</u></b>

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

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**

**Statement of cash flows**

	Consolidated financial		Separate financial	
	statements		statements	
	For the year ended 31 December		For the year ended 31 December	
	2016	2015	2016	2015
	(Baht)			
<b><i>Cash flows from investing activities</i></b>				
Interest received	208,870,513	211,751,409	438,572,304	292,525,857
(Increase) decrease in current investments	2,799,243,344	(3,895,872,961)	3,500,000,000	(4,500,000,000)
(Increase) decrease in long-term investments	(168,467,365)	(164,788,726)	(168,467,365)	12,518,274
Net cash outflow from issue of subsidiary's share capital	-	-	(5,264,320,450)	(3,761,201,842)
Net cash outflow for investment in joint ventures	(44,320,000)	-	(44,320,000)	-
Net cash outflow on acquisition of subsidiary	(962,736,249)	(2,407,131,997)	-	-
Cash inflow from disposal of investment in subsidiaries	-	-	-	4,085,103,300
Cash inflow from capital distribution from subsidiary	-	-	-	2,300,000,000
Dividend received	3,229,001	1,989,194	654,256,649	2,253,116,298
Cash inflow from disposal of other investment	202,702,500	-	202,702,500	-
Purchase of property, plant and equipment	(9,369,842,540)	(4,644,673,923)	(4,852,250,678)	(3,457,736,154)
Sale of property, plant and equipment	119,768,394	53,322,851	118,316,297	52,571,775
Loans to related parties	-	-	(2,120,000,000)	(6,667,122,000)
Repayment of loans from related party	-	-	8,675,200,000	648,234,000
Increase in leasehold right	(451,289,296)	(390,100,277)	(451,289,296)	(390,100,277)
Purchase of intangible assets	(491,623,542)	(107,259,638)	(184,775,649)	(54,488,813)
<b>Net cash from (used in) investing activities</b>	<b>(8,154,465,240)</b>	<b>(11,342,764,068)</b>	<b>503,624,312</b>	<b>(9,186,579,582)</b>
<b><i>Cash flows from financing activities</i></b>				
Financial cost paid	(1,641,398,827)	(1,615,148,027)	(1,202,594,210)	(1,439,062,873)
Increase in long term loans from financial institutions	7,361,836,346	-	7,189,248,722	-
Proceeds from issuance of subsidiary's share capital	75,000,150	-	-	-
Proceeds from issuance of debentures	-	2,996,100,000	-	2,996,100,000
Proceeds from long - term loans	9,610,567,418	1,122,011,539	-	-
Repayment of long - term loans	(12,032,224,433)	(1,356,122,669)	(11,230,555,747)	(825,494,128)
Dividend paid	(2,753,528,225)	(2,039,444,891)	(2,478,418,323)	(1,927,461,440)
Net proceeds from subsidiaries' shares issuance without change in control	5,770,904,051	-	-	-
<b>Net cash from (used in) financing activities</b>	<b>6,391,156,480</b>	<b>(892,604,048)</b>	<b>(7,722,319,558)</b>	<b>(1,195,918,441)</b>
<b>Net increase (decrease) in cash and cash equivalents</b>	<b>11,524,434,146</b>	<b>(202,412,205)</b>	<b>3,403,811,992</b>	<b>(1,241,037,205)</b>
Cash and cash equivalents as at 1 January	7,871,868,029	7,954,246,322	5,468,589,618	6,709,626,823
Effect of exchange rate changes on balances held in foreign currencies	(109,651,917)	120,033,912	-	-
<b>Cash and cash equivalents as at 31 December</b>	<b>19,286,650,258</b>	<b>7,871,868,029</b>	<b>8,872,401,610</b>	<b>5,468,589,618</b>

**Non-cash transactions**

During the first quarter of 2016, BCP Innovation Pte, Ltd., a subsidiary of the Company and incorporated in Singapore converted the entire loan from the Company to equity amounting USD 5 million (approximate Baht 179.26 million).

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

**The Bangchak Petroleum Public Company Limited  
and its Subsidiaries**

Financial statements for the year ended  
31 December 2016  
and  
Independent Auditor's Report



**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

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**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
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These notes form an integral part of the financial statements.

The financial statements issued for Thai statutory and regulatory reporting purposes are prepared in the Thai language. These English language financial statements have been prepared from the Thai language statutory financial statements, and were approved and authorized for issue by the Board of Directors on 16 February 2017.

**1 General information**

The Bangchak Petroleum Public Company Limited, the “Company”, is incorporated in Thailand and has its registered office as follows:

Head office : 555/1, Energy Complex Building A, Floor 10th, Vibhavadi Rangsit Road, Chatuchak, Chatuchak, Bangkok.

Refinery plant : 210 Moo 1, Soi Sukhumvit 64, Sukhumvit Road, Bangchak, Phakanong, Bangkok.

The Company was listed on the Stock Exchange of Thailand on 23 April 1993.

On 30 April 2015, PTT Public Company Limited had divested its entire shareholding in the Company to Vayupak Fund 1 and Social Security Office.

On 31 December 2016 and 2015, major shareholders of the Company during the period were Vayupak Fund 1 and Social Security Office holding 15.60% and 14.31% of issued and paid-up capital respectively.

The principal businesses of the Company are operating an oil refinery and marketing the finished products through its service stations under its company’s brand. The Company’s oil market includes consumers in various sectors, such as transportation, aviation, shipping, construction, industrial and agriculture. The sale of oil is also made through the major and the minor oil traders.

Details of the Company’s subsidiaries as at 31 December 2016 and 2015 were as follows:

Name of the entity	Type of business	Country of incorporation	Ownership interest (%)	
			2016	2015
<i>Direct subsidiaries</i>				
The Bangchak Green Net Co., Ltd.	Manage BCP service stations and consumer goods retailer	Thailand	49.00	49.00
The Bangchak Biofuel Co., Ltd.	Production and distribution of biodiesel	Thailand	70.00	70.00
BCPG Public Co., Ltd. (Formerly : BCPG Co., Ltd.)	Holding and Operating in renewable energy	Thailand	70.35	100.00
Bangchak Retail Co., Ltd.	Operating food centre and consumer goods retailer	Thailand	100.00	-
Bangchak Bioethanol (Chachoengsao) Co., Ltd.	Production and distribution of ethanol	Thailand	85.00	-
BCP Energy International Pte. Ltd.	Holding and Operating in international business	Singapore	100.00	100.00

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

Name of the entity	Type of business	Country of incorporation	Ownership interest (%)	
			2016	2015
<i>Direct subsidiaries (continue)</i>				
BCP Innovation Pte. Ltd.	Holding and Operating in international business	Singapore	100.00	100.00
BCP Trading Pte. Ltd.	Trading of petroleum commodities and relevant business	Singapore	100.00	-
<i>Indirect subsidiaries</i>				
Subsidiaries of BCPG Public Co., Ltd. Group (see note 5)	Holding and Operating in renewable energy	Thailand/Singapore/Japan	100.00	100.00
Nido Petroleum Limited Group	Exploration and production of petroleum	Australia	96.98	81.41

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

**(a) Statement of compliance**

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

The FAP has issued new and revised TFRS effective for annual accounting periods beginning on or after 1 January 2016. The initial application of these new and revised TFRS has resulted in changes in certain of the Group’s accounting policies. These changes have no material effect on the financial statements.

In addition to the above new and revised TFRS, the FAP has issued a number of other new and revised TFRS which are effective for annual financial periods beginning on or after 1 January 2017 and have not been adopted in the preparation of these financial statements. Those new and revised TFRS that are relevant to the Group’s operations are disclosed in note 41.

**(b) Basis of measurement**

The financial statements have been prepared on the historical cost basis except items described in accounting policy.

**(c) Functional and presentation currency**

The financial statements are presented in Thai Baht, which is the Company’s functional currency. All financial information presented in Thai Baht has been rounded in the notes to the financial statements to the nearest million unless otherwise stated.

**(d) Use of judgements and estimates**

The preparation of financial statements in conformity with TFRS requires management to make judgements, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates.

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised prospectively.

Information about significant areas of estimation uncertainties that have a significant risk of resulting in a material adjustments to the amounts recognised in the financial statements is included in the following notes:

Note 4	Acquisition of business
Note 14	Impairment test: key assumption underlying recoverable amounts
Note 17	Recognition of deferred tax assets: availability of future taxable profit against with tax losses carried forward can be used
Note 22	Measurement of defined benefit obligations: key actuarial assumptions

*Measurement of fair values*

A number of the Group's accounting policies and disclosures require the measurement of fair values, for both financial and non-financial assets and liabilities

***Fair value hierarchy***

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

- Level 1: quoted prices (unadjusted) in active markets for identical assets or liabilities.
- Level 2: inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly (i.e. as prices) or indirectly (i.e. derived from prices).
- Level 3: inputs for the asset or liability that are not based on observable market data (unobservable inputs).

If the inputs used to measure the fair value of an asset or liability might be categorised in different levels of the fair value hierarchy, then the fair value measurement is categorised in its entirety in the same level of the fair value hierarchy as the lowest level input that is significant to the entire measurement.

Further information about the assumptions made in measuring fair values is included in note 37.

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

**3 Significant accounting policies**

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

**(a) Basis of consolidation**

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

*Business combinations*

The Group applies the acquisition method for all business combinations when control is transferred to the Group other than those with entities under common control.

The Group controls an entity when it is exposed to, or has rights to, variable returns from its involvement with the entity and has the ability to affect those returns through its power over the entity. The acquisition date is the date on which control is transferred to the acquirer. Judgment is applied in determining the acquisition date and determining whether control is transferred from one party to another.

Goodwill is measured as the fair value of the consideration transferred including the recognised amount of any non-controlling interest in the acquiree, less the net recognised amount (generally fair value) of the identifiable assets acquired and liabilities assumed, all measured as of the acquisition date.

Consideration transferred includes the fair values of the assets transferred, liabilities incurred by the Group to the previous owners of the acquiree, and equity interests issued by the Group. Consideration transferred also includes the fair value of any contingent consideration and share-based payment awards of the acquiree that are replaced mandatorily in the business combination. If a business combination results in the termination of pre-existing relationships between the Group and the acquiree, then the lower of the termination amount, as contained in the agreement, and the value of the off-market element is deducted from the consideration transferred and recognised in other expenses.

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

Transaction costs that the Group incurs in connection with a business combination, such as legal fees, and other professional and consulting fees are expensed as incurred.

*Acquisitions from entities under common control*

Business combinations of entities or businesses under common control are accounted for using a method similar to the pooling of interest method and in accordance with the Guideline issued in 2009 by the FAP.

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Business combinations arising from transfers of interests in entities that are under the control of the shareholder that controls the Group are accounted for as if the acquisition had occurred at the beginning of the earliest comparative period presented or, if later, at the date that common control was established; for this purpose comparatives are revised. The assets and liabilities acquired are recognised at the carrying amounts recognised previously in the Group controlling shareholder's consolidated financial statements. The components of equity of the acquired entities are added to the same components within Group equity. Any cash paid for the acquisition is recognised directly in equity.

*Subsidiaries*

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

*Non-controlling interests*

At the acquisition date, the Group measures any non-controlling interest at its proportionate interest in the identifiable net assets of the acquiree.

Changes in the Group's interest in a subsidiary that do not result in a loss of control are accounted for as equity transactions.

*Loss of control*

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

*Interests in equity-accounted investees*

The Group's interests in equity-accounted investees comprise interests in associates and a joint venture.

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

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

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*Transactions eliminated on consolidation*

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

**(b) Foreign currencies**

*Foreign currency transactions*

Transactions in foreign currencies are translated to the respective functional currencies of Group entities at exchange rates at the dates of the transactions.

Monetary assets and liabilities denominated in foreign currencies are translated to the functional currency at the exchange rate at the reporting date.

Non-monetary assets and liabilities measured at cost in foreign currencies are translated to the functional currency at the exchange rates at the dates of the transactions.

Foreign currency differences are generally recognized in profit or loss. However, foreign currency differences arising from the translation of the following items are recognized in other comprehensive income:

- available-for-sale equity investments (except on impairment in which case foreign currency differences that have been recognized in other comprehensive income are reclassified to profit or loss)

*Foreign operations*

The assets and liabilities of foreign operations, including goodwill and fair value adjustments arising on acquisition, are translated to Thai Baht at the exchange rates at the reporting date.

Goodwill and fair value adjustments arising on the acquisition of foreign operations are stated at exchange rates at the reporting date.

The revenues and expenses of foreign are translated to Thai Baht at rates approximating the exchange rates at the dates of the transactions.

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

When a foreign operation is disposed of in its entirety or partially such that control, significant influence or joint control is lost, the cumulative amount in the translation reserve related to that foreign operation is reclassified to profit or loss as part of the gain or loss on disposal. If the Group disposes of part of its interest in a subsidiary but retains control, then the relevant proportion of the cumulative amount is reattributed to non-controlling interests. When the Group disposes of only part of an associate or joint venture while retaining significant influence or joint control, the relevant proportion of the cumulative amount is reclassified to profit or loss.

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

**(c) *Derivative financial instruments***

Derivative financial instruments are used to manage exposure to foreign exchange, interest rate arising from operational, financing and investment activities. Derivative financial instruments are not used for trading purposes. However, derivatives that do not qualify for hedge accounting are accounted for as trading instruments.

**(d) *Hedging***

*Hedge of future foreign currency transactions*

Gains and losses from forward exchange contracts and currency swaps used to hedge anticipated future currency transactions are deferred until the forecasted transaction occurs. Where the hedged item is a recognised asset or liability, it is translated at the contracted forward rates. Transaction fee and discounts are amortised to profit and loss on a straight-line basis over the life of the agreements.

*Hedge of interest rates*

Interest differentials under swap arrangements are accrued and recorded as adjustments to the interest expense relating to the hedged loans.

*Crude oil and oil products forward contract / crack spread of crude oil and oil products*

Difference between the fixed prices of contracts and the settlement prices are recognised in the statement of income in the period in which the contracts mature.

**(e) *Cash and cash equivalents***

Cash and cash equivalents in the statements of cash flows comprise cash balances, call deposits and highly liquid short-term investments. Bank overdrafts that are repayable on demand are a component of for the purpose of the statement of cash flows.

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

Trade and other accounts receivable are stated at their invoice value less allowance for doubtful accounts.

The allowance for doubtful accounts is assessed primarily on analysis of payment histories and future expectations of customer payments. Bad debts are written off when incurred.

**(f) *Inventories***

Inventories are measured at the lower of cost and net realisable value.

Cost is calculated using the weighted average cost principle, and comprises all costs of purchase, costs of conversion and other costs incurred in bringing the inventories to their present location and condition. In the case of manufactured inventories and work-in-progress, cost includes an appropriate share of production overheads based on normal operating capacity.



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Net realisable value is the estimated selling price in the ordinary course of business less the estimated costs to complete and to make the sale.

**(g) *Non-current assets held for sale***

Non-current assets that are expected to be recovered primarily through sale rather than through continuing use, are classified as held for sale. The assets are measured at the lower of their carrying value and fair value less cost to sell.

**(h) *Investments***

*Investments in associates, subsidiaries and joint ventures*

Investments in associates, subsidiaries and joint ventures in the separate financial statements of the Company are accounted for using the cost method. Investments in associates and joint ventures in the consolidated financial statements are accounted for using the equity method.

*Investments in other debt and equity securities*

Debt securities that the Group has the positive intent and ability to hold to maturity are classified as held-to-maturity investments. Held-to-maturity investments are stated at amortised cost, less any impairment losses. The difference between the acquisition cost and redemption value of such debt securities is amortised using the effective interest rate method over the period to maturity.

Debt securities and marketable equity securities, other than those securities held for trading or intended to be held to maturity, are classified as available-for-sale investments. Available-for-sale investments are, subsequent to initial recognition, stated at fair value, and changes therein, other than impairment losses and foreign currency differences on available-for-sale monetary items, are recognised directly in equity. Impairment losses and foreign exchange differences are recognised in profit or loss. When these investments are derecognised, the cumulative gain or loss previously recognised directly in equity is recognised in profit or loss. Where these investments are interest-bearing, interest calculated using the effective interest method is recognised in profit or loss.

Equity securities which are not marketable are stated at cost less any impairment losses.

The fair value of financial instruments classified as available-for-sale is determined as the quoted bid price at the reporting date.

*Disposal of investments*

On disposal of an investment, the difference between net disposal proceeds and the carrying amount together with the associated cumulative gain or loss that was reported in equity is recognised in profit or loss.

If the Group disposes of part of its holding of a particular investment, the deemed cost of the part sold is determined using the weighted average method applied to the carrying value of the total holding of the investment.

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**(h) Investment properties**

Investment properties are properties which are held to earn rental income, for capital appreciation or for both, but not for sale in the ordinary course of business, use in the production or supply of goods or services or for administrative purposes.

Investment properties are stated at cost less accumulated depreciation and impairment losses.

Cost includes expenditure that is directly attributable to the acquisition of the investment property. The cost of self-constructed investment property includes the cost of materials and direct labour, and other costs directly attributable to bringing the investment property to a working condition for its intended use and capitalised borrowing costs.

No depreciation is provided on land.

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

*Recognition and measurement*

*Owned assets*

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

Cost includes expenditure that is directly attributable to the acquisition of the asset. The cost of self-constructed assets includes the cost of materials and direct labour, any other costs directly attributable to bringing the assets to a working condition for their intended use, the costs of dismantling and removing the items and restoring the site on which they are located, and capitalised borrowing costs. Purchased software that is integral to the functionality of the related equipment is capitalised as part of that equipment.

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

Gains and losses on disposal of an item of property, plant and equipment are determined by comparing the proceeds from disposal with the carrying amount of property, plant and equipment, and are recognised net within other income in profit or loss.

*Subsequent costs*

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

*Depreciation*

Depreciation is calculated based on the depreciable amount, which is the cost of an asset, or other amount substituted for cost, less its residual value.

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Depreciation is charged to profit or loss on a straight-line basis over the estimated useful lives of each component of an item of property, plant and equipment. The estimated useful lives are as follows:

Buildings	20 - 30 years
Machinery, equipment refinery plants and terminal	2 - 30 years
Equipment solar plants	5 - 25 years
Marketing and office equipment	5 - 20 years
Vehicles	5 years

No depreciation is provided on freehold land, platinum catalyst and assets under construction.

Depreciation methods, useful lives and residual values are reviewed at each financial year-end and adjusted if appropriate.

*Oil and Gas Properties*

When the technical and commercial feasibility of an undeveloped oil or gas field has been demonstrated, the field enters its development phase. The costs of oil and gas assets are transferred from exploration and evaluation expenditure and reclassified into development phase.

The costs of oil and gas properties include past exploration and evaluation costs, pre-production development costs and the ongoing costs of continuing to develop reserves for production as well as decommission costs.

Depletion charges are calculated using a unit of production method over the life of the estimated Proved plus Probable reserves.

**(j) Leasehold right**

Leasehold rights are the rights obtained from the land lease contracts, which are amortised on a straight-line method over the contractual period.

Leasehold rights are presented at cost deducted by accumulated amortisation and impairment losses.

**(k) Intangible assets**

*Other intangible assets*

Other intangible assets that are acquired by the Group and have finite useful lives are measured at cost less accumulated amortization and accumulated impairment losses.

*Subsequent expenditure*

Subsequent expenditure is capitalized only when it increases the future economic benefits embodied in the specific asset to which it relates. All other expenditure, including expenditure on internally generated goodwill and brands, is recognized in profit or loss as incurred.

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*Amortizations*

Amortization is based on the cost of the asset, or other amount substituted for cost, less its residual value.

Amortization is recognized in profit or loss on a straight-line basis over the estimated useful lives of intangible assets, other than goodwill, from the date that they are available for use, since this most closely reflects the expected pattern of consumption of the future economic benefits embodied in the asset.

The estimated useful lives for the current and comparative years are as follows:

Right to use and cost of development	
of computer software	3-8 years
Feed-in Tariff power purchase agreement	20 years
Right to connect electrical transmission line	20-25 years

Amortization methods, useful lives and residual values are reviewed at each financial year-end and adjusted if appropriate.

*Exploration and Evaluation Expenditure*

Exploration and evaluation expenditure is stated at cost as intangible assets and is accumulated in respect of each identifiable area of interest. These costs are capitalised until the viability of the area of interest is determined.

Accumulated costs in relation to an abandoned area are written off through profit or loss in the period in which the decision to abandon the area is made.

Once an area of interest enters the development phase, exploration and evaluation expenditures are transferred to oil and gas properties.

**(l) Impairment**

The carrying amounts of the Group's assets are reviewed at each reporting date to determine whether there is any indication of impairment. If any such indication exists, the assets' recoverable amounts are estimated.

An impairment loss is recognised if the carrying amount of an asset exceeds its recoverable amount. The impairment loss is recognised in profit or loss unless it reverses a previous revaluation credited to equity, in which case it is charged to equity.

When a decline in the fair value of an available-for-sale financial asset has been recognised directly in equity and there is objective evidence that the value of the asset is impaired, the cumulative loss that had been recognised directly in equity is recognised in profit or loss even though the financial asset has not been derecognised. The amount of the cumulative loss that is recognised in profit or loss is the difference between the acquisition cost and current fair value, less any impairment loss on that financial asset previously recognised in profit or loss.

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*Calculation of recoverable amount*

The recoverable amount of held-to-maturity securities carried at amortised cost is calculated as the present value of the estimated future cash flows discounted at the original effective interest rate.

The recoverable amount of available-for-sale financial assets is calculated by reference to the fair value.

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

*Reversals of impairment*

An impairment loss in respect of a financial asset is reversed if the subsequent increase in recoverable amount can be related objectively to an event occurring after the impairment loss was recognised in profit or loss. For financial assets carried at amortised cost and available-for-sale financial assets that are debt securities, the reversal is recognised in profit or loss. For available-for-sale financial assets that are equity securities, the reversal is recognised in other comprehensive income.

Impairment losses recognised in prior periods in respect of other non-financial assets are assessed at each reporting date for any indications that the loss has decreased or no longer exists. An impairment loss is reversed if there has been a change in the estimates used to determine the recoverable amount. An impairment loss is reversed only to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation or amortisation, if no impairment loss had been recognised.

**(m) Interest-bearing liabilities**

Interest-bearing liabilities are recognised initially at fair value less attributable transaction charges. Subsequent to initial recognition, interest-bearing liabilities are stated at amortised cost with any difference between cost and redemption value being recognised in profit or loss over the period of the borrowings on an effective interest basis.

**(n) Trade and other accounts payable**

Trade and other accounts payable are stated at cost.

**(o) Employee benefits**

*Defined contribution plans*

Obligations for contributions to defined contribution plans are expensed as the related service is provided.

*Defined benefit plans*

The Group's net obligation in respect of defined benefit plans is calculated separately for each plan by estimating the amount of future benefit that employees have earned in the current and prior periods, discounting that amount.

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The calculation of defined benefit obligations is performed annually by a qualified actuary using the projected unit credit method. When the calculation results in a potential asset for the Group, the recognised asset is limited to the present value of economic benefits available in the form of any future refunds from the plan or reductions in future contributions to the plan. To calculate the present value of economic benefits, consideration is given to any application minimum funding requirements.

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

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

*Other long-term employee benefits*

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

*Short-term employee benefits*

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

*Share-based payments*

The grant-date fair value of equity-settled share-based payment awards granted to employees is generally recognised as an expense, with a corresponding increase in equity, over the vesting period of the awards. The amount recognised as an expense is adjusted to reflect the number of awards for which the related service and non-market performance conditions are expected to be met, such that the amount ultimately recognised is based on the number of awards that meet the related service and non-market performance conditions at the vesting date. For share-based payment awards with non-vesting conditions, the grant-date fair value of the share-based payment is measured to reflect such conditions and there is no true-up for differences between expected and actual outcomes.

The fair value of the amount payable to employees in respect of share appreciation rights, which are settled in cash, is recognised as an expense with a corresponding increase in liabilities, over the period that the employees become unconditionally entitled to payment. The liability is remeasured at each reporting date and at settlement date. Any changes in the fair value of the liability are recognised as personnel expenses in profit or loss.

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**(p) Provisions**

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

**(q) Share capital**

*Ordinary shares*

Ordinary shares are classified as equity. Incremental costs directly attributable to the issue of ordinary shares are recognised as a deduction from equity.

**(r) Revenue**

Revenue excludes value added taxes and other sales taxes and is arrived at after deduction of trade discounts and volume rebates.

*Sale of goods and services rendered*

Revenue is recognised in profit or loss when the significant risks and rewards of ownership have been transferred to the buyer. No revenue is recognised if there is continuing management involvement with the goods or there are significant uncertainties regarding recovery of the consideration due, associated costs or the probable return of goods. Service income is recognised as services are provided.

*Income from sale of electricity*

Income from the sale of electricity is recognised in profit or loss in accordance with delivery units supplied as stipulated in the contract. Income from the sale of electricity for entities within Thailand is entitled to receive ADDER for a period of 10 years from the commencement of commercial sales. Thereafter, subsequent to this initial period income from sale of electricity is recognised at normal rates.

*Income from operating rights*

Income from operating right is recognised in accordance with the timing of the rights utilization and with conditions as stipulated in the contract.

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*Loyalty programmes*

The Group has a customer loyalty programme whereby customers are awarded credits (Points) entitling customers to the right to purchase products from the Group at a discount or qualify for a free gift. The fair value of the consideration received or receivable in respect of the initial sale is allocated between the Points and the other components of the sale. The amount allocated to the Points is estimated by reference to the fair value of the right to purchase products at a discount or fair value of the free gift. The fair value is estimated based on the amount of the discount adjusted to take into account the expected forfeiture rate. Such amount is deferred and revenue is recognised only when the Points are redeemed and the Group has fulfilled its obligations to supply the products. The amount of revenue recognised in those circumstances is based on the number of Points that have been redeemed in exchange for discounted products, relative to the total number of Points that is expected to be redeemed. Deferred revenue is also released to profit or loss when it is no longer considered probable that the Points will be redeemed.

*Investments*

Revenue from investments comprises dividend and interest income from investments and bank deposits.

*Dividend income*

Dividend income is recognised in profit or loss on the date the Group's right to receive payments is established.

*Interest income*

Interest income is recognised in profit or loss as it accrues.

(s) ***Finance costs***

Finance costs comprise interest expense on borrowings unwinding of the discount on provisions and contingent consideration.

Borrowing costs that are not directly attributable to the acquisition, construction or production of a qualifying asset are recognised in profit or loss using the effective interest method.

(t) ***Lease payments***

Payments made under operating leases are recognised in profit or loss on a straight line basis over the term of the lease. Lease incentives received are recognised in profit or loss as an integral part of the total lease expense, over the term of the lease.

Contingent lease payments are accounted for by revising the minimum lease payments over the remaining term of the lease when the lease adjustment is confirmed.



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**(u) *Income tax***

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

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

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

The measurement of deferred tax reflects the tax consequences that would follow the manner in which the Group expects, at the end of the reporting period, to recover or settle the carrying amount of its assets and liabilities.

Deferred tax is measured at the tax rates that are expected to be applied to the temporary differences when they reverse, using tax rates enacted or substantively enacted at the reporting date.

In determining the amount of current and deferred tax, the Group takes into account the impact of uncertain tax positions and whether additional taxes and interest may be due. The Group believes that its accruals for tax liabilities are adequate for all open tax years based on its assessment of many factors, including interpretations of tax law and prior experience. This assessment relies on estimates and assumptions and may involve a series of judgements about future events. New information may become available that causes the Group to change its judgement regarding the adequacy of existing tax liabilities; such changes to tax liabilities will impact tax expense in the period that such a determination is made.

Deferred tax assets and liabilities are offset if there is a legally enforceable right to offset current tax liabilities and assets, and they relate to income taxes levied by the same tax authority on the same taxable entity, or on different tax entities, but they intend to settle current tax liabilities and assets on a net basis or their tax assets and liabilities will be realised simultaneously.

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

**(v) *Earnings per share***

The Group presents basic earnings per share (EPS) data for its ordinary shares. Basic EPS is calculated by dividing the profit or loss attributable to ordinary shareholders of the Company by the weighted average number of ordinary shares outstanding during the year.

**(w) *Segment reporting***

Segment results that are reported to the Group's president (the chief operating decision maker) include items directly attributable to a segment as well as those that can be allocated on a reasonable basis.

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**4 Business acquisition**

On 15 and 18 February 2016, BSE Energy Holding Private Limited and BCPG Investment Holding Private Limited (indirect subsidiaries of the Company and incorporated in Singapore) completed the acquisition of entire solar power business of SunEdison Group in Japan within the budget of JPY 9,626 million (approximately Baht 2,915 million) with total capacity of 198 Megawatts portfolio (Plants in operation with a total capacity of 13 Megawatts / Plants Under Construction with total a total capacity of 27 Megawatts / Projects Under Development with a total capacity of up to 158 Megawatts) through the purchase of 100% equity interest of SunEdison Japan Corporation, SunEdison Japan Debt Financing Pte. Ltd. and SunEdison TK Investor 1 Pte. Ltd. from SunEdison International LLC and SunEdison Energy Holding (Singapore) Pte. Ltd. as per the Purchase and Sale Agreement (condition precedents) on 29 January 2016, the Group has already paid JPY 4,256 million (approximately Baht 1,275.33 million) and will settle the remaining based on the success rate of project under development within the next 18 months. In addition, in accordance with condition under the Purchase and Sale Agreement, the Group and SunEdison agreed to adjust the purchase price of the business between the financial information prepared by SunEdison's management and the audited financial information by other auditors. The preliminary audit resulting in an adjustment amounting to JPY 70.61 million (approximately Baht 21.15 million) in favor position of the Group to refund, however, the price adjustment is in process of SunEdison's consideration. During the year from acquisition date until 31 December 2016, the business contributed revenue of JPY 904 million (approximately Baht 294.32 million) and net loss of JPY 509 million (approximately Baht 165.61 million) to the Group's results. If the acquisition had occurred on 1 January 2016, management estimates that consolidated revenue would have been Baht 294.32 million and consolidated loss for the year ended 31 December 2016 would have been Baht 165.61 million. In determining these amounts, management has assumed that the fair value adjustments, determined provisionally, that arose on the date of acquisition would have been the same if the acquisition had occurred on 1 January 2016.

Management believes that by acquired this business will enable the group to expand their investment, development and operating renewable energy business within Asia.

The purchase under this condition is in accordance with TFRS 3 (revised 2015) Business Combinations, requires the recognition of assets, liabilities and contingent liabilities acquired at the acquisition date at fair value. The Group hired an independent appraiser to determine the fair value of assets and liabilities acquired during the measurement period, which must not exceed one year from the acquisition date to reflect new information obtained about facts and circumstances that existed as of the acquisition date. Finalisation of the fair value of assets and liabilities acquired from business acquisition was completed in the 4<sup>th</sup> quarter of 2016.

The following summarises the major classes of consideration transferred, and the recognised amounts of assets acquired and liabilities assumed at the acquisition date:

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*Consideration transferred*

	<b>Recognized value</b> <i>(in million Baht)</i>
Cash	1,275.33
Contingent consideration	488.46
<b>Total</b>	<b><u>1,763.79</u></b>

The Group's has loans to subsidiaries within the group amounting JPY 4,256 million (approximately Baht 1,275.33 million) for the acquisition of solar power business and repayment of loan and accrued interest in which solar power business owe to SunEdison Group amounting JPY 3,358 million (approximately Baht 1,006.13 million) in accordance with condition under business acquisition.

*Contingent consideration*

In accordance with condition under the Purchase and Sale Agreement, the Group has additional contingent consideration to be paid based on the success rate of project under development within July 2017 with a maximum amount of JPY 2,527 million (approximately Baht 757 million). The Group recognised the contingent consideration of JPY 1,630 million (approximately Baht 488 million) for the project in which the Group expecting to be successfully developed in accordance with the agreement. Furthermore, the Group has additional contingent consideration for the solar radiation yield incentive for 5 projects if the solar radiation reach a certain level with a maximum amount of JPY 2,454 million (approximately Baht 769 million). The yield incentive measurement period is 1 year. The management has made an assessment of the yield incentive by using report from independent appraiser in which prepared prior to business acquisition and concluded that it is unlikely to reach the certain level to make an additional payment. In addition, as at 31 December 2016, SunEdison Group has not yet confirmed on the appointment of the joint independent appraiser to reassess the yield incentive in which can resulting in yield incentive measurement within 1 year period not in accordance with condition under the Purchase and Sale Agreement. Consequently, the Group has not recognized any related liability for the additional contingent consideration.

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*Identifiable assets acquired and liabilities assumed*

	<b>Book value</b>	<b>Adjustments</b>	<b>Fair Value</b>
		<i>(in million Baht)</i>	
Cash and cash equivalents	354.28	-	354.28
Trade accounts receivable	23.93	-	23.93
Other receivables	408.23	-	408.23
Other current assets	107.33	-	107.33
Property, plant and equipment	1,410.35	-	1,410.35
Intangible asset	109.22	1,680.43	1,789.65
Other non-current assets	54.57	-	54.57
Other payables	(457.64)	-	(457.64)
Short-term loan from financial institutions	(80.33)	-	(80.33)
Current portion of long-term loans from SunEdison Group**	(776.85)	-	(776.85)
Current portion of long-term loans from financial institutions	(47.76)	-	(47.76)
Other current liabilities	(5.23)	-	(5.23)
Long-term loans from SunEdison Group**	(144.50)	-	(144.50)
Long-term loans from financial institution	(1,167.22)	-	(1,167.22)
Long-term provisions	(35.45)	-	(35.45)
Deferred tax liabilities	(6.10)	(442.86)	(448.96)
<b>Total identifiable assets and liabilities</b>	<b>(253.17)</b>	<b>1,237.57</b>	<b>984.40</b>
<i>Less: non-controlling interests</i>	<i>(0.15)</i>		<i>(0.15)</i>
<b>Net assets and liabilities acquired</b>	<b>(253.32)</b>		<b>984.25</b>
Repayment of loan** and accrued interest from SunEdison Group under the condition of business acquisition	1,006.13		1,006.13
<b>Net assets and liabilities acquired by the Group</b>	<b>752.81</b>		<b>1,990.38</b>
Gain on bargain purchase			(226.59)
<b>Consideration transferred</b>			<b>1,763.79</b>

The fair value of the intangible asset determined by independent appraiser based on income approach using the estimated future cash flows discounted to present value with operating period of 20 years under Feed-in Tariff power purchase agreement. The key assumptions included forecast revenue and discount rates.

The business acquisition included the acquisition of Godo Kaisha Natosi (formerly: SunEdison Japan SPC 19 Godo Kaisha) the owner of project in Suimei which has legal dispute with a third party (“Plaintiff”). The plaintiff filed Godo Kaisha Natosi and 3 project initiators (collectively called “Defendant”) to Tokyo District court that it has right over such project. The estimated claim is approximately JPY 2.2 billion together with the delinquent charge at 6% per annum starting from April 2015. The defendant has jointly and severally responsibilities. On 30 September 2016, the plaintiff and Godo Kaisha Natosi as a co-defendant, has settled the legal dispute whereby the Judge confirmed that the plaintiff dismissed the claim. Therefore, Godo Kaisha Natosi was officially released from the case.

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*Filing for restructuring under chapter 11 of the U.S. Bankruptcy Code of SunEdison Group*

On 21 April 2016, SunEdison Group has filed for restructuring under chapter 11 of the U.S. Bankruptcy Code with the U.S. Bankruptcy Court. Currently, the Court has granted relief requested to operate in the ordinary course. The Group believes that this event will not have material impact to the acquisition of solar power business in Japan from SunEdison per the Purchase and Sales agreement signed between the Group and SunEdison on 29 January 2016 with completion of the condition precedents, settled the payment and completion of share transferred on 15 and 18 February 2016. Currently, the conditions within the Purchase and Sales agreement is in full force and effect thereafter SunEdison filed for restructuring under chapter 11 of the U.S. Bankruptcy Code.

*Acquisition-related costs*

The Group incurred acquisition-related costs of Baht 107.91 million related to external legal fees, due diligence and other costs which were included in administrative expenses in the consolidated statement of income for the Group's period which incurred.

**5 Related parties**

For the purposes of these financial statements, parties are considered to be related to the Group if the Group has the ability, directly or indirectly, to control or joint control the party or exercise significant influence over the party in making financial and operating decisions, or vice versa, or where the Group and the party are subject to common control or common significant influence. Related parties may be individuals or other entities.

Relationship with related parties were as follows:

<b>Name of entities</b>	<b>Country of incorporation/ nationality</b>	<b>Nature of relationships</b>
Vayupak Fund 1	Thailand	Major shareholder, some common directors
Social Security Office	Thailand	Major shareholder, some common directors
Ubon Bio Ethanol Co., Ltd.	Thailand	Associate, Shareholding 21.28 %
Ubon Agricultural Energy Co., Ltd.	Thailand	Indirect associate, representative from the Company as director
Fuel Pipeline Transportation Ltd.	Thailand	Shareholding, representative from the Company as director
Bangchak Green Net Co., Ltd.	Thailand	Subsidiary, Shareholding 49 % and representative from the Company as director
Bangchak Biofuel Co., Ltd.	Thailand	Subsidiary, Shareholding 70 % and representative from the Company as director
BCPG Public Company Limited (Formerly : BCPG Co., Ltd.)	Thailand	Subsidiary, Shareholding 70.35 % and representative from the Company as director
Bangchak Retail Co., Ltd.	Thailand	Subsidiary, Shareholding 100 % and representative from the Company as director
Bangchak Bioethanol (Chachoengsao) Co., Ltd.	Thailand	Subsidiary, Shareholding 85 % and representative from the Company as director

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
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<b>Name of entities</b>	<b>Country of incorporation/ nationality</b>	<b>Nature of relationships</b>
BCP Energy International Pte Ltd.	Singapore	Subsidiary, Shareholding 100 % and representative from the Company as director
BCP Innovation Pte. Ltd.	Singapore	Subsidiary, Shareholding 100% and representative from the Company as director
BCP Trading Pte. Ltd.	Singapore	Subsidiary, Shareholding 100% and representative from the Company as director
Bangchak Solar Energy Co., Ltd.	Thailand	Indirect subsidiary of the Company, Shareholding 100% by subsidiary, some common directors
Bangchak Solar Energy (Prachinburi) Co., Ltd.	Thailand	Indirect subsidiary of the Company, Shareholding 100% by subsidiary, some common directors
Bangchak Solar Energy (Chaiyaphum1) Co., Ltd.	Thailand	Indirect subsidiary of the Company, Shareholding 100% by subsidiary, some common directors
Bangchak Solar Energy (Buriram) Co., Ltd.	Thailand	Indirect subsidiary of the Company, Shareholding 100% by subsidiary, some common directors
Bangchak Solar Energy (Buriram1) Co., Ltd.	Thailand	Indirect subsidiary of the Company, Shareholding 100% by subsidiary, some common directors
Bangchak Solar Energy (Nakhon Ratchasima) Co., Ltd.	Thailand	Indirect subsidiary of the Company, Shareholding 100% by subsidiary, some common directors
BCPG Biopower 1 Co., Ltd	Thailand	Indirect subsidiary of the Company, Shareholding 100% by subsidiary, and representative from the subsidiary as director
BCPG Biopower 2 Co., Ltd.	Thailand	Indirect subsidiary of the Company, Shareholding 100% by subsidiary, and representative from the subsidiary as director
BCPG Investment Holdings Pte. Ltd.	Singapore	Indirect subsidiary of the Company, Shareholding 100% by subsidiary, some common directors
BSE Energy Holdings Pte. Ltd.	Singapore	Indirect subsidiary of the Company, Shareholding 100% by subsidiary, and representative from the Company as director
BCPG Japan Corporation (Formerly : SunEdison Japan Corporation)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary, and representative from the subsidiary as director
Greenergy Holdings Pte. Ltd. (Formerly: SunEdison Japan Debt Financing Pte. Ltd.)	Singapore	Indirect subsidiary of the Company, Shareholding 100% by subsidiary, and representative from the subsidiary as director

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<b>Name of entities</b>	<b>Country of incorporation/ nationality</b>	<b>Nature of relationships</b>
Greenergy Power Pte. Ltd. (Formerly: SunEdison TK Investor 1 Pte. Ltd.)	Singapore	Indirect subsidiary of the Company, Shareholding 100% by subsidiary, and representative from the subsidiary as director
Tarumizu Solar Solutions Godo Kaisha	Japan	Indirect subsidiary of the Company, Shareholding 51% by subsidiary
Nakatsugawa PV Godo Kaisha	Japan	Indirect Subsidiary of the subsidiary, affiliate in TK investment
Godo Kaisha Inti (Formerly: SunEdison Japan SPC 4 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Takamori PV Godo Kaisha	Japan	Indirect Subsidiary of the subsidiary, affiliate in TK investment
Nojiri PV Godo Kaisha	Japan	Indirect Subsidiary of the subsidiary, affiliate in TK investment
God Kaisha Aten (Formerly : SunEdison Japan SPC 7 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Nikaho PV Godo Kaisha	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Gotenba 2 PV Godo Kaisha	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Godo Kaisha Horus (Formerly : SunEdison Japan SPC 10 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Yabuki PV Godo Kaisha	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Komagane PV Godo Kaisha	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Godo Kaisha Helios (Formerly : SunEdison Japan SPC 13 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Godo Kaisha Lugh (Formerly : SunEdison Japan SPC 14 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Godo Kaisha Phoenix (Formerly : SunEdison Japan SPC 15 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Gotenba 1 PV Godo Kaisha	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Komagane Land Lease Godo Kaisha	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Nagi PV Godo Kaisha	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Godo Kaisha Natosi (Formerly : SunEdison Japan SPC 19 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Godo Kaisha Amaterasu (Formerly : SunEdison Japan SPC 20 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary

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<b>Name of entities</b>	<b>Country of incorporation/ nationality</b>	<b>Nature of relationships</b>
Godo Kaisha Mithra (Formerly : SunEdison Japan SPC 21 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Godo Kaisha Sol (Formerly : SunEdison Japan SPC 22 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Godo Kaisha Saule (Formerly : SunEdison Japan SPC 23 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Godo Kaisha Shamash (Formerly : SunEdison Japan SPC 24 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Godo Kaisha Pusan (Formerly : SunEdison Japan SPC 25 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Godo Kaisha Apolo (Formerly : SunEdison Japan SPC 26 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Godo Kaisha Surya (Formerly : SunEdison Japan SPC 27 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Nagi Land Lease Godo Kaisha	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Godo Kaisha Rangsi (Formerly : SunEdison Japan SPC 29 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Godo Kaisha Dazbog (Formerly : SunEdison Japan SPC 30 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Godo Kaisha Narang (Formerly : SunEdison Japan SPC 31 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Godo Kaisha Malina (Formerly : SunEdison Japan SPC 32 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
Godo Kaisha Legba (Formerly : SunEdison Japan SPC 33 Godo Kaisha)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
J2 Investor Godo Kaisha	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
J1 Investor Godo Kaisha	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary
BCPG Engineering Company (Formerly: SunEdison Construction Company)	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary, and representative from the subsidiary as director
Godo Kaisha Tarumi Takatoge	Japan	Indirect Subsidiary of the subsidiary, affiliate in TK investment



**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
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<b>Name of entities</b>	<b>Country of incorporation/ nationality</b>	<b>Nature of relationships</b>
Huang Ming Japan Company Limited	Japan	Indirect subsidiary of the Company, Shareholding 100% by subsidiary, and representative from the subsidiary as director
Nido Petroleum Limited Group	Australia	Indirect Subsidiary, Shareholding 96.98 % and representative from the Company as director
Bongkot Marine Services Company Limited	Thailand	Joint venture, 30% shareholding by the Company, representative from the Company as director
Oam Suk Social Enterprise Company Limited	Thailand	Joint venture, 40% shareholding by the Company, representative from the Company as director
Key management personnel	Thailand	Persons having authority and responsibility for planning, directing and controlling the activities of the entity, directly or indirectly, including any director (whether executive or otherwise) of the Group.
<b><i>PTT Public Company Limited Group</i></b>		<b><i>Nature of relationships until 30 April 2015</i></b>
PTT Public Company Limited	Thailand	Major shareholder, some common directors
PTT ICT Solutions Co., Ltd.	Thailand	Major shareholder as the Company's shareholder
PTT International Trading Pte. Ltd.	Singapore	Major shareholder as the Company's shareholder
IRPC Plc.	Thailand	Major shareholder as the Company's shareholder
Thai Oil Plc.	Thailand	Major shareholder as the Company's Shareholder
Energy Complex Co., Ltd.	Thailand	Major shareholder as the Company's shareholder
PTT Global Chemical Plc.	Thailand	Major shareholder as the Company's shareholder
Star Petroleum Refining Co.,Ltd.	Thailand	Major shareholder as the Company's shareholder
PTT Energy Solutions Co.,Ltd.	Thailand	Major shareholder as the Company's shareholder
NPC Safety and Environmental Service Co., Ltd.	Thailand	Related Company of Major Shareholder
Thai Lube Base Plc.	Thailand	Related Company of Major Shareholder
IRPC Oil Co., Ltd.	Thailand	Related Company of Major Shareholder
PTTEP Siam Co., Ltd.	Thailand	Related Company of Major Shareholder
PTT Tank Termianl Co.,Ltd.	Thailand	Related Company of Major Shareholder

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
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The pricing policies for particular types of transactions are explained further below:

<b>Transactions</b>	<b>Pricing policies</b>
Sale of goods	Market price/ Contractually agreed prices
Rendering of service	Contractually agreed prices
Purchase of goods/raw materials	Market price/ Contractually agreed prices
Receiving of services	Contractually agreed prices
Management service fee	Contractually agreed prices
Royalty expense	Contractually agreed prices
Interest expense	Contractually agreed rate with reference to market rate

Significant transactions with related parties for the year ended 31 December 2016 and 2015 of which **significant transactions with PTT Public Company Limited group for 2015 were the transactions up until 30 April 2015** as follows;

<i>Year ended 31 December</i>	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
<b>Subsidiaries</b>				
Sales of goods	-	-	28,421.53	27,495.08
Purchases of goods	-	-	5,820.77	4,353.63
Other income	-	-	109.05	204.18
Dividend income	-	-	861.03	2,181.13
Interest income	-	-	327.27	206.96
Interest expenses	-	-	0.32	0.39
Other expenses	-	-	43.45	20.53
<b>Associate and indirect associate</b>				
Sales of goods	20.81	38.75	20.81	38.75
Purchase of goods	1,373.74	1,300.68	1,373.74	1,300.68
Other income	-	0.02	-	0.02
<b>Key management personnel</b>				
Key management personnel compensation				
Short-term employee benefits	218.87	163.63	130.40	137.65
Post-employment benefits and other long-term benefits	8.59	11.78	7.31	11.78
<b>Total key management personnel Compensation</b>	<b>227.46</b>	<b>175.41</b>	<b>137.71</b>	<b>149.43</b>
<b>Other related parties</b>				
Other income	5.22	5.75	5.22	5.75
Pipeline transportation expenses	430.55	390.16	430.55	390.16
Dividend income	3.23	1.99	3.23	1.99
<b>PTT Public Company Limited Group</b>				
Sales of goods	-	6,123.20	-	6,116.97
Purchases of raw materials	-	29,036.31	-	29,007.85
Other income	-	44.64	-	44.64
Service expense	-	102.88	-	102.88
Other expense	-	11.20	-	11.20
Interest expenses	-	18.45	-	18.45

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
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Balances as at 31 December 2016 and 2015 with related parties (as at 31 December 2015, no outstanding balances with PTT Public Company Limited Group because of the termination of related parties since 30 April 2015) were as follows:

	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
<b>Trade accounts receivable - related parties</b>				
<b>Subsidiaries</b>				
The Bangchak Green Net Co., Ltd.	-	-	1,094.76	842.97
The Bangchak Biofuel Co., Ltd.	-	-	2.49	0.99
Bangchak Retail Co., Ltd.	-	-	5.08	-
Bangchak Bioethanol (Chachoengsao) Co., Ltd.	-	-	0.68	-
<b>Associate and indirect associate</b>				
Ubon Bio Ethanol Co., Ltd.	1.08	1.57	1.08	1.57
Ubon Agricultural Energy Co., Ltd	0.92	0.02	0.92	0.02
<b>Other related parties</b>				
Fuel Pipeline Transportation Limited	0.33	0.33	0.33	0.33
	<u>2.33</u>	<u>1.92</u>	<u>1,105.34</u>	<u>845.88</u>
<i>Less</i> allowance for doubtful accounts	-	-	-	-
<b>Net</b>	<b><u>2.33</u></b>	<b><u>1.92</u></b>	<b><u>1,105.34</u></b>	<b><u>845.88</u></b>
Bad and doubtful debts expense for the year	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<b>Other receivables - related parties</b>				
<b>Dividend receivable</b>				
<b>Subsidiary</b>				
BCPG Public Co., Ltd.	-	-	210.00	-
<b>Other accounts receivable</b>				
<b>Subsidiaries</b>				
BCPG Public Co., Ltd.	-	-	3.88	38.07
The Bangchak Solar Energy Co., Ltd.	-	-	0.39	0.39
Bangchak Bioethanol (Chachoengsao) Co., Ltd.	-	-	0.03	-
Nido Petroleum Limited	-	-	-	87.12
BCP Innovation Pte. Ltd.	-	-	-	1.65
<b>Total</b>	<b><u>-</u></b>	<b><u>-</u></b>	<b><u>214.30</u></b>	<b><u>127.23</u></b>

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
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<i>Loans to related parties</i>	<b>Rate</b>		<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2016	2015	2016	2015	2016	2015
	<i>(%)</i>		<i>(in million Baht)</i>			
<b>Short-term loans</b>						
<b>Subsidiaries</b>						
BCP Innovation Pte. Ltd.	2.00	2.00	-	-	-	179.62
BCPG Public Co., Ltd.	2.5-4.22	2.5-4.22	-	-	-	210.00
			<u>-</u>	<u>-</u>	<u>-</u>	<u>389.62</u>
<b>Long-term loans</b>						
<b>Subsidiaries</b>						
Nido Petroleum Limited	6.48-8.87	6.36	-	-	2,788.52	3,168.44
BCPG Public Co., Ltd.	2.5-4.22	2.5-4.22	-	-	-	6,018.00
Total			<u>-</u>	<u>-</u>	<u>2,788.52</u>	<u>9,186.44</u>
Less current portion due within one year			<u>-</u>	<u>-</u>	<u>-</u>	<u>(302.80)</u>
<b>Total loans to related parties</b>			<u><u>-</u></u>	<u><u>-</u></u>	<u><u>2,788.52</u></u>	<u><u>8,883.64</u></u>

Movements during the year ended 31 December 2016 and 2015 of loans to related parties were as follows:

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
<b>Short-term loans</b>				
<b>Subsidiaries</b>				
At 1 January	-	-	389.62	-
Increase	-	-	620.00	380.99
Decrease	-	-	(1,000.98)	-
Effect of change in exchange rates	-	-	(8.64)	8.63
<b>At 31 December</b>	<u><u>-</u></u>	<u><u>-</u></u>	<u><u>-</u></u>	<u><u>389.62</u></u>
<b>Long-term loans</b>				
<b>Subsidiaries</b>				
At 1 January	-	-	9,186.44	-
Increase	-	-	1,500.00	9,552.14
Decrease	-	-	(7,845.20)	(648.23)
Effect of change in exchange rates	-	-	(52.72)	282.53
Less current portion due within one year	-	-	-	(302.80)
<b>At 31 December</b>	<u><u>-</u></u>	<u><u>-</u></u>	<u><u>2,788.52</u></u>	<u><u>8,883.64</u></u>

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	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>		<b>financial statements</b>	
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
<b>Trade accounts payable - related parties</b>				
<b>Subsidiaries</b>				
Bangchak Green Net Co., Ltd.	-	-	2.41	2.89
Bangchak Biofuel Co., Ltd.	-	-	243.12	241.50
Bangchak Bioethanol (Chachoengsao) Co., Ltd.	-	-	84.69	-
BCP Trading Pte. Ltd.	-	-	306.71	-
<b>Associate</b>				
Ubon Bio Ethanol Co., Ltd.	128.06	113.29	128.06	113.29
<b>Total</b>	<b>128.06</b>	<b>113.29</b>	<b>764.99</b>	<b>357.68</b>
<b>Other accounts payable - related parties</b>				
<b>Subsidiaries</b>				
Bangchak Green Net Co., Ltd.	-	-	0.56	0.36
BCPG Public Co., Ltd.	-	-	0.03	-
Bangchak Retail Co., Ltd.	-	-	17.32	-
<b>Other related party</b>				
Fuel Pipeline Transportation Ltd.	41.02	30.08	41.02	30.08
<b>Total</b>	<b>41.02</b>	<b>30.08</b>	<b>58.93</b>	<b>30.44</b>
<b>Investment in subsidiaries (Note 11)</b>	<b>-</b>	<b>-</b>	<b>11,638.76</b>	<b>6,144.72</b>
<b>Investment in associate and joint ventures (Note 12)</b>	<b>839.62</b>	<b>774.33</b>	<b>807.55</b>	<b>763.23</b>
<b>Other non-current assets</b>				
<b>Indirect subsidiary</b>				
Nido Petroleum Limited	-	-	176.74	-
<b>Other related party</b>				
Fuel Pipeline Transportation Ltd.	17.32	20.73	17.32	20.73
<b>Total</b>	<b>17.32</b>	<b>20.73</b>	<b>194.06</b>	<b>20.73</b>
<b>Other current liabilities</b>				
<b>Subsidiaries</b>				
The Bangchak Green Net Co., Ltd.	-	-	29.72	29.40
BCPG Public Co., Ltd.	-	-	6.00	0.23
<b>Total</b>	<b>-</b>	<b>-</b>	<b>35.72</b>	<b>29.63</b>
<b>Other non-current liabilities</b>				
<b>Subsidiary</b>				
BCPG Public Co., Ltd.	-	-	-	5.45
<b>Other related party</b>				
Fuel Pipeline Transportation., Ltd.	2.97	3.45	2.97	3.45
<b>Total</b>	<b>2.97</b>	<b>3.45</b>	<b>2.97</b>	<b>8.90</b>

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*Significant agreements with related parties*

*Fuel Pipeline Transportation Agreement*

During 1997, the Company entered into a fuel pipeline transportation agreement with a related company. The related company will provide transportation service of fuel products to Don-muang and Suvarnabhumi International Airport and transportation service for petroleum products to fuel depot at Bang-pa-in. The agreement has no specified expiry date and can be terminated by either party by giving at least 60 days written notice for termination to the other party.

*Bio-diesel Sales and Purchase Agreement*

During 2008, the Company entered into a Bio-diesel Sales and Purchase Agreement with a subsidiary for a period of seven years to start from the commencement of the Bio-diesel Plant's commercial operations. The Company will purchase bio-diesel oil at yearly average volumes not less than 60% of maximum bio-diesel production capacity at the market prices as stipulated in the agreement.

During 2014, the Company entered into a Bio-diesel Sales and Purchase Agreement with a subsidiary for a period of eight years to start from the commencement of the Bio-diesel Plant's 2 commercial operations. The Company will purchase bio-diesel oil at yearly average volumes not less than 60% of maximum bio-diesel production capacity at the market prices as stipulated in the agreement.

*Bio-ethanol Sales and Purchase Agreement*

During 2016, the Company entered into a Bio-ethanol Sales and Purchase Agreement with a subsidiary to start from the commencement of the Bio-diesel Plant's commercial operations. The Company will purchase bio-diesel oil at yearly average volumes not less than 70% of maximum bio-diesel production capacity at the market prices as stipulated in the agreement.

*Service Station Operating Right Agreement*

During 2013, the Company entered into Service Station Operating Right Agreement which include the right to operate related business within service station with a subsidiary for a period of 5 years. The subsidiary agreed to pay the fee at agreed prices as stipulated in the agreement. For mutual interest under the agreement, the subsidiary agreed to purchase the finish oil products at contractually agreed prices. During the third quarter of 2015, the Company signed the memorandum of understanding to cancel the operating right fee in the contract and agree the incremental selling price of oil product to the subsidiary as stipulated in the memorandum.

*Store Operation Right Agreement*

During 2013, the Company entered into Store Operation Right Agreement with a subsidiary for a period of 5 years to operate retail stores within service stations under the Company's brand. The subsidiary agreed to pay the fee under agreed prices as stipulated in the agreement. During the third quarter of 2015, the Company signed the memorandum of understanding to cancel the operating right fee in the contract.

*Management Service*

The Company entered into management service agreement with subsidiaries for general management service. The Company agreed to provide human resources to manage operation process in accordance with subsidiaries' direction. Management service fees and conditions are as stipulated in the agreement.

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

***Land rental Agreement***

In December 2015, the Company has entered into land rental agreement with BCPG Public Co., Ltd., a subsidiary for the purpose of 38 MW solar farm project at Bang Pa-In establishment and related objectives. The agreement term is for a period of 22 years effective from 1 December 2015 to 30 November 2037. The rental fee is stipulated in the same agreement.

In October 2016, the Company has entered into additional land rental agreement with BCPG Public Co., Ltd., a subsidiary for the purpose of related objectives of solar farm project. The agreement term is for a period of 21 years 2 months effective from 1 October 2016 to 30 November 2037. The rental fee is stipulated in the same agreement.

***Building space and control room rental Agreement***

In December 2015, the Company has entered into building space, control room and electricity system room rental agreement related to 38 MW solar farm project at Bang Pa-In with BCPG Public Co., Ltd., a subsidiary of the company. The agreement term is for a period of 3 years effective from 1 December 2015 to 30 November 2018. The rental fee is stipulated in the agreement.

***Inthanin's Assets purchase and Sales Agreement***

During 2016, the Company entered into Purchase and Sales Agreement to sell assets related to Inthanin business (included building, construction, equipment and intellectual property) with Bangchak Retail Co., Ltd., a subsidiary of the Company totaling Baht 100.91 million with conditions stipulated in the agreement.

***Loan Agreement***

The Company has an unsecured loan agreement with Nido Petroleum Limited, an indirect subsidiary of the Company for the credit facility of USD 120 million. The loan bears interest and repayment schedule as stipulated in the agreement. Subsequently during the first quarter of 2016, the Company has restructured a loan with the subsidiary by revision of interest rate and repayment conditions.

In November 2015, the Company has entered into unsecured loan agreement with BCPG Public Co.,Ltd., a subsidiary of the Company for the credit facility of Baht 3,028 million, repayable in 20 instalments on semi-annually basis with the first payment due in March 2016. The loan bears interest and repayment schedule as stipulated in the agreement. Subsequently, in January 2016, the Company has terminated the loan agreement and entered into the new agreement with the same terms and conditions as stipulated in the previous agreement. During the second quarter of 2016, the Company received an early repayment of the entire loan.

In November 2015, the Company has entered into unsecured loan agreement with BCPG Public Co.,Ltd., a subsidiary of the Company for the credit facility of Baht 3,100 million with repayment schedule in January 2016. The loan bears interest and conditions as stipulated in the agreement. The subsidiary has drawdown totalling Baht 2,990 million. Subsequently, in January 2016, the Company has entered into another loan agreement to extend the repayment schedule to May 2017 with the same terms and conditions as stipulated in the previous agreement. During the first quarter of 2016, the Company received an early repayment of the entire loan.

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

In December 2015, the Company has entered into unsecured loan agreement with BCPG Public Co.,Ltd., a subsidiary of the Company for the credit facility of Baht 830 million with repayment schedule in January 2016. The loan bears interest and conditions as stipulated in the agreement. The subsidiary has first drawdown totaling Baht 210 million. Subsequently, in January 2016, the Company has entered into another loan agreement to extend the repayment schedule to December 2016 with the same terms and conditions as stipulated in the previous agreement. During the first quarter of 2016, the Company received an early repayment amounting Baht 210 million. Subsequently, in April 2016, the subsidiary has drawdown amounting Baht 620 million. During the second quarter of 2016, the Company received an early repayment of the entire loan.

In February 2016, the Company has entered into unsecured loan agreement with BCPG Public Co., Ltd., a subsidiary of the Company for the credit facility of Baht 2,000 million with repayment schedule in December 2017. The loan bears interest and conditions as stipulated in the agreement. The first drawdown was Baht 1,500 million. During the second quarter of 2016, the Company received an early repayment of the entire loan.

In July 2015, the Company has entered into unsecured loan agreement with BCP Innovation Pte. Ltd., a subsidiary of the Company for the credit facility of USD 5 million. The loan bears interest and repayment schedule as stipulated in the agreement. Subsequently, in January 2016, the Company has entered into consecutive loan agreement to extend the repayment schedule to February 2016 with the same terms and conditions as stipulated in the previous agreement. During the first quarter of 2016, the Company converted the entire loan to the ordinary shares of the subsidiary.

***Crude oil forward contract***

In December 2016, the Company has entered into a crude oil forward contract with a certain indirect subsidiary. The Company will purchase crude oil at fix quantity and price as stipulated in the agreement. The contract will be settled in January 2016. As at 31 December 2016, the Company has outstanding crude oil hedging contract amounting 80,000 barrels.

***Guarantee agreement***

BCPG Public Co., Ltd., a subsidiary of the Company entered into guarantee agreement with BCPG Engineering Company, a indirect subsidiary of the Company in accordance with solar power system operation and maintenance contract which BCPG Engineering Company has with Tarumizu Solar Solution Godo Kaisha in the event that BCPG Engineering Company causes damage to the assets within the power plant of Tarumizu Solar Solution Godo Kaisha and is not able to compensate. The guarantee agreement is JPY 28.02 million per annum with a guarantee facility totaling JPY 280.20 million covering the period of operation and maintenance of power system from solar energy contract. Under the conditions within the loan agreement between Tarumizu Solar Solutions Godo Kaisha and certain financial institution, it is specified that the parent company is responsible for the guarantee of possible damage loss.



**The Bangkok Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
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**6 Cash and cash equivalents**

	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
Cash on hand	110.18	101.52	0.62	0.62
Cash at banks - current accounts	8,313.07	828.64	293.99	72.42
Cash at banks - savings accounts	8,576.50	6,726.23	6,577.79	5,395.55
Highly liquid short-term investments	2,286.90	215.48	2,000.00	-
<b>Total</b>	<b><u>19,286.65</u></b>	<b><u>7,871.87</u></b>	<b><u>8,872.40</u></b>	<b><u>5,468.59</u></b>

The currency denomination of cash and cash equivalents as at 31 December was as follows:

	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
Thai Baht (THB)	16,376.70	6,929.15	8,245.02	5,370.49
United States Dollars (USD)	2,058.16	698.94	627.38	98.10
Others	851.79	243.78	-	-
<b>Total</b>	<b><u>19,286.65</u></b>	<b><u>7,871.87</u></b>	<b><u>8,872.40</u></b>	<b><u>5,468.59</u></b>

As at 31 December 2016, certain indirect subsidiaries has a restricted deposits at financial institution totaling Baht 734.47 million (2015: Baht 131.62 million) under the long-term loan agreement with several financial institutions which required such indirect subsidiaries to obtain a permission on withdrawal of restricted deposits with the financial institution.

**7 Investments**

	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
<b><i>Current investment</i></b>				
Short-term deposits at financial institutions	1,719.32	4,518.56	1,000.00	4,500.00
	<b><u>1,719.32</u></b>	<b><u>4,518.56</u></b>	<b><u>1,000.00</u></b>	<b><u>4,500.00</u></b>
<b><i>Other long-term investments</i></b>				
Available-for-sale equity security				
Lithium Americas Corp. (Formerly:				
Western Lithium USA Corporation)	429.19	192.04	-	-
Non-marketable equity securities				
Fuel Pipeline Transportation Ltd.	234.03	65.57	234.03	65.57
Core Flexible Fund (CORE)	112.46	112.46	112.46	112.46
Less: Allowance for impairment	(39.24)	(44.71)	(39.24)	(44.71)
<b>Non-marketable equity securities - net</b>	<b><u>736.44</u></b>	<b><u>325.36</u></b>	<b><u>307.25</u></b>	<b><u>133.32</u></b>

**The Bangkok Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
<b><i>Other long-term investments (continue)</i></b>				
Debt securities held to maturity				
Government bonds	3.00	3.00	3.00	3.00
Add: Premium on investments	0.03	0.04	0.03	0.04
<b>Debt securities held to maturity - net</b>	<b>3.03</b>	<b>3.04</b>	<b>3.03</b>	<b>3.04</b>
<b>Other long-term investments</b>	<b>739.47</b>	<b>328.40</b>	<b>310.28</b>	<b>136.36</b>
<b>Total</b>	<b>2,458.79</b>	<b>4,846.96</b>	<b>1,310.28</b>	<b>4,636.36</b>

Movement of available-for-sale equity security during the year ended 31 December was as follows:

	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
<b><i>Other long-term investments</i></b>				
<b>Available-for-sale equity security</b>				
At 1 January	192.04	-	-	-
Acquisition	-	177.31	-	-
Valuation adjustment	234.92	14.59	-	-
Effect of movement in exchange rate	2.23	0.14	-	-
<b>At 31 December</b>	<b>429.19</b>	<b>192.04</b>	<b>-</b>	<b>-</b>

Investments of the Group and the Company as at 31 December 2016 and 2015 were denominated entirely in Thai Baht, except for investment in available-for-sale equity security of Lithium Americas Corp. which was dominated in Canadian Dollar.

*Disposal of investment*

On 28 December 2015, the Company has entered into Sale and Purchase Agreement with S Group AEC (Thailand) Company Limited to sell total ownership in ASEAN Potash Chaiyaphum Public Company Limited totaling 1.93 million shares or approximately 10.66% of the paid up capital for a total consideration of Baht 202.70 million. The transaction was completed on 14 January 2016, therefore, as at 31 December 2015, the Company has reclassified other long term investment in ASEAN Potash Chaiyaphum Public Company Limited to asset classified as held for sale.

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

**8 Trade accounts receivable**

		<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	<i>Note</i>	2016	2015	2016	2015
		<i>(in million Baht)</i>			
Related parties	5	2.33	1.92	1,105.34	845.88
Other parties		6,039.71	5,254.31	5,389.68	4,487.53
<b>Total</b>		<b>6,042.04</b>	<b>5,256.23</b>	<b>6,495.02</b>	<b>5,333.41</b>
<i>Less: allowance for doubtful accounts</i>		<i>(20.06)</i>	<i>(21.87)</i>	<i>(20.03)</i>	<i>(21.87)</i>
<b>Net</b>		<b>6,021.98</b>	<b>5,234.36</b>	<b>6,474.99</b>	<b>5,311.54</b>
 (Reversal of) bad and doubtful debts expense for the year		 (1.23)	 (1.36)	 (1.69)	 0.55

Aging analyses for trade accounts receivable were as follows:

		<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
		2016	2015	2016	2015
		<i>(in million Baht)</i>			
<b>Related parties</b>					
Within credit terms		2.33	1.92	1,105.34	845.88
<i>Less: allowance for doubtful accounts</i>		<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
<b>Net</b>		<b>2.33</b>	<b>1.92</b>	<b>1,105.34</b>	<b>845.88</b>
 <b>Other parties</b>					
Within credit terms		5,902.57	5,163.78	5,258.35	4,402.35
Overdue:					
Less than 3 months		115.81	66.89	110.01	61.65
3-6 months		0.64	0.58	0.64	0.50
6-12 months		0.89	0.50	0.89	0.47
Over 12 months		19.80	22.56	19.79	22.56
		<b>6,039.71</b>	<b>5,254.31</b>	<b>5,389.68</b>	<b>4,487.53</b>
<i>Less: allowance for doubtful accounts</i>		<i>(20.06)</i>	<i>(21.87)</i>	<i>(20.03)</i>	<i>(21.87)</i>
<b>Net</b>		<b>6,019.65</b>	<b>5,232.44</b>	<b>5,369.65</b>	<b>4,465.66</b>
 <b>Total</b>		<b>6,021.98</b>	<b>5,234.36</b>	<b>6,474.99</b>	<b>5,311.54</b>

The normal credit term granted by the Group ranges from 1 days to 90 days.

The currency denomination of trade accounts receivable as at 31 December was as follows:

		<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
		2016	2015	2016	2015
		<i>(in million Baht)</i>			
Thai Baht (THB)		4,706.45	4,136.36	5,486.54	4,413.09
United States Dollars (USD)		1,299.46	1,098.00	988.45	898.45
Others		16.07	-	-	-
<b>Total</b>		<b>6,021.98</b>	<b>5,234.36</b>	<b>6,474.99</b>	<b>5,311.54</b>

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

**9 Other receivables**

	Note	Consolidated financial statements		Separate financial statements	
		2016	2015	2016	2015
		<i>(in million Baht)</i>			
<b>Related parties</b>	5	<u>-</u>	<u>-</u>	<u>214.30</u>	<u>127.23</u>
<b>Other parties</b>					
Receivable from oil hedging contracts		9.79	7.70	9.79	7.70
Prepaid expenses		428.93	314.84	386.44	237.70
Advance payment for solar site preparation		352.48	-	-	-
Other accounts receivable		<u>399.54</u>	<u>419.93</u>	<u>135.31</u>	<u>133.07</u>
<b>Total</b>		<u><b>1,190.74</b></u>	<u><b>742.47</b></u>	<u><b>745.84</b></u>	<u><b>505.70</b></u>

**10 Inventories**

	Consolidated financial statements		Separate financial statements	
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
Crude oil	8,455.71	5,565.79	8,133.28	5,331.14
Finished oil products	5,117.59	7,656.83	4,599.02	7,351.95
Other raw materials	9.14	-	-	-
Materials and supplies	919.20	878.18	830.39	776.14
Consumer products	45.99	18.03	-	-
Semi-finished products	<u>124.94</u>	<u>49.56</u>	<u>-</u>	<u>-</u>
	14,672.57	14,168.39	13,562.69	13,459.23
<i>Less: allowance for obsolete and slow moving</i>	(104.85)	(106.70)	(104.56)	(106.30)
<i>allowance for decline in value</i>	<u>(7.25)</u>	<u>(117.02)</u>	<u>-</u>	<u>(104.95)</u>
<b>Net</b>	<u><b>14,560.47</b></u>	<u><b>13,944.67</b></u>	<u><b>13,458.13</b></u>	<u><b>13,247.98</b></u>

As at 31 December 2016 and 2015, the Company's inventories included petroleum legal reserve of 395.98 million liters with approximated value of Baht 4,877.02 million and 377.45 million liters with approximated value of Baht 3,988.14 million, respectively.

The cost of inventories which is recognized as an expense and included in 'cost of sale of goods' for the year ended 31 December 2016 amounting to Baht 69,794.23 million (2015: Baht 87,779.69 million).

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

**11 Investments in subsidiaries**

	<b>Separate financial statements</b>	
	2016	2015
	<i>(in million Baht)</i>	
<b><i>Subsidiaries</i></b>		
At 1 January	6,144.72	8,459.50
Acquisitions	5,443.58	3,761.20
Disposals	-	(3,911.46)
Capital distribution	-	(2,300.00)
Reversal of impairment loss	50.46	135.48
<b>At 31 December - net</b>	<b><u>11,638.76</u></b>	<b><u>6,144.72</u></b>

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

Investments in subsidiaries as at 31 December 2016 and 2015, and dividend income for the years then ended were as follows:

	<b>Separate financial statements</b>											
	Ownership interest		Paid-up capital		Cost		Impairment		At cost - net		Dividend income	
	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015
	(%)		(in million Baht)									
<b>Direct Subsidiaries</b>												
The Bangchak Green Net Co., Ltd.	49.00	49.00	1.00	1.00	0.49	0.49	-	-	0.49	0.49	-	30.38
The Bangchak Biofuel Co., Ltd.	70.00	70.00	281.50	281.50	197.05	197.05	-	-	197.05	197.05	105.03	191.24
BCPG Public Co., Ltd.	70.35	100.00	9,950.00	3,700.00	7,000.00	3,700.00	-	-	7,000.00	3,700.00	756.00	-
Bangchak Retail Co., Ltd.	100.00	-	800.00	-	800.00	-	-	-	800.00	-	-	-
Bangchak Bioethanol (Chachoengsao) Co., Ltd.	85.00	-	500.00	-	425.00	-	-	-	425.00	-	-	-
BCP Energy International Pte Ltd.	100.00	100.00	3,635.95	2,933.57	3,635.95	2,933.57	(639.42)	(689.88)	2,996.53	2,243.69	-	-
BCP Innovation Pte. Ltd.	100.00	100.00	184.54	3.49	184.54	3.49	-	-	184.54	3.49	-	-
BCP Trading Pte. Ltd.	100.00	-	35.15	-	35.15	-	-	-	35.15	-	-	-
<b>Total</b>					<b>12,278.18</b>	<b>6,834.60</b>	<b>(639.42)</b>	<b>(689.88)</b>	<b>11,638.76</b>	<b>6,144.72</b>	<b>861.03</b>	<b>221.62</b>

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
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**Separate financial statements**

Dividend income  
2016            2015  
*(in million Baht)*

***Direct Subsidiaries until 1 December 2015***

The Bangchak Solar Energy Co., Ltd.	-	1,409.99
The Bangchak Solar Energy (Prachinburi) Co., Ltd.	-	183.51
The Bangchak Solar Energy (Chaiya- phum1) Co., Ltd.	-	94.21
The Bangchak Solar Energy (Burirum) Co., Ltd.	-	90.56
The Bangchak Solar Energy (Burirum1) Co., Ltd.	-	89.96
The Bangchak Solar Energy (Nakhon Ratchasima) Co.,Ltd.	-	91.28
	<u>-</u>	<u>1,959.51</u>
<b>Total</b>	<b><u>861.03</u></b>	<b><u>2,181.13</u></b>

# **The Bangchak Petroleum Public Company Limited and its Subsidiaries**

## **Notes to the financial statements**

### **For the year ended 31 December 2016**

All subsidiaries were incorporated in Thailand, except BCP Energy International Pte. Ltd., BCP Innovation Pte. Ltd. and BCP Trading Pte. Ltd. which were incorporated and operating in Singapore.

#### *Change in investment in subsidiaries*

On 27 January 2016, the Company established Bangchak Retail Company Limited in Thailand, representing a 100% ownership with initial registered capital of Baht 300 million (divided into 30 million shares at par value of Baht 10 per share) for the purposes of operating food and beverage centre. The subsidiary had called up 25% of entire shares at Baht 10 each totaling Baht 75 million. Subsequently, on 8 July 2016, the subsidiary had called up additional 75% of registered capital of Baht 300 million (divided into 30 million shares at par of Baht 10 per share). The Company paid the called up shares totalling Baht 225 million on 1 August 2016. Subsequently, at the extraordinary shareholder's meeting of Bangchak Retail Co., Ltd. held on 20 September 2016, the shareholders approved the increase in the company's registered share capital from Baht 300 million (divided into 30 million shares at par value of Baht 10 per share) to Baht 800 million (divided into 80 million share at par value of Baht 10 per share). The Company fully paid the new issued shares at Baht 10 per share totalling Baht 500 million on 22 September 2016.

During the first quarter of 2016, BCP Innovation Pte. Ltd, a subsidiary of the Company, had converted short-term loan amounting USD 5 million or approximately Baht 179.26 million to share capital and had called up and received USD 0.05 million or approximately Baht 1.79 million.

On 2 May 2016, the Company established Bangchak Bioethanol (Chachoengsao) Company Limited in Thailand, representing a 85% ownership with initial registered capital of Baht 1 million (divided into 10,000 shares at par value of Baht 100 per share) for the purposes of production and distribution of ethanol. The subsidiary had called up 100% of entire shares at Baht 100 each totaling Baht 0.85 million. Subsequently, at the first ordinary shareholder's meeting of Bangchak Bioethanol (Chachoengsao) Co., Ltd. held on 30 June 2016, the shareholders approved the increase in the company's registered share capital from Baht 1 million (divided into 0.01 million shares at par value of Baht 100 per share) to Baht 500 million (divided into 5 million share at par value of Baht 100 per share). The Company hold 85% of ownership interest and paid the call up shares totalling Baht 424.15 million on 13 July 2016.

On 10 May 2016, the Company established BCP Trading Pte. Ltd., incorporated in Singapore for trading of petroleum commodities and relevant business. The Company has 100% shareholding with registered capital of USD 1 million divided into 1 million shares at par value of USD 1 per share. The subsidiary called up for 1 share and received a payment of USD 1. Subsequently, on 14 July 2016, the Company paid 100% of registered capital of BCP Trading Pte. Ltd. totalling USD 1 million.

At the Extraordinary Meeting of Shareholders of BCP Energy International Pte. Ltd., held on 7 October 2016, the shareholders approved the increase of registered share capital from USD 91.31 million (divided into 91.31 million shares at par value of USD 1) to USD 111.41 million (divided into 111.41 million shares at par value of USD 1) in order to fund exploration in the Mid-Galoc area of NIDO Petroleum Limited. The Company had fully paid the registered share capital amounting USD 20.10 million, approximately Baht 702.3 million, on 20 October 2016.

At the Extraordinary Meeting of Shareholders of NIDO Petroleum Limited., held on 19 October 2016, the shareholders approved the increase of registered share capital from USD 151.57 million (divided into 43.76 million shares at par value of USD 3.46) to USD 170.85 million (divided into 448.21 million shares at par value of USD 0.38). On 22 November 2016, the subsidiary had paid the call up of the increased of registered share capital resulting in the Company's ownership interest increased from 81.41% to 96.98%. The Group recognized a decrease of non-controlling interests amounting Baht 45.93 million.



**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

At the annual general meeting of the shareholder of BCPG Public Co., Ltd. held on 24 March 2016, the shareholders approved the increase of registered share capital from Baht 3,700 million (divided into 740 million shares at par value of Baht 5 per share) to Baht 10,000 million (divided into 2,000 million shares at par value of Baht 5 per share). The Company had paid the call up of the increased of registered share capital for 660 million shares at Baht 5 each amounting Baht 3,300 million on 25 March 2016.

***Initial public offering of BCPG Public Co., Ltd. ordinary shares***

On 28 September 2016, BCPG Public Co., Ltd. completed its Initial Public Offering by issuing 590 million new ordinary shares with an offering price of Baht 10 per share (par value of Baht 5 per share) on the Stock Exchange of Thailand.

Details of the change in ownership are as follows:

	<b>Consolidated financial statements</b> <i>(in million Baht)</i>
Consideration received	5,900.00
Less Transaction costs from issuance of BCPG Public Co., Ltd. ordinary shares	(129.10)
<b>Net</b>	<b>5,770.90</b>
Dilution of ownership interest to non-controlling interest	(4,222.78)
<b>Change in parent's equity</b>	<b>1,548.12</b>

As a result of Initial Public Offering, the Company's ownership interest in BCPG Public Co., Ltd. decreased from 100.00% to 70.35%.

***The impairment of investment in subsidiary***

During the year ended 31 December 2016, the Company has allowance for impairment loss in investment in BCP Energy International Pte Ltd. Baht 639.42 million (2015: Baht 689.88 million) due to the lower recoverable amount than the carrying amount of the investment of BCP Energy International Pte Ltd. in NIDO Petroleum Limited.

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

**12 Investments in associate and joint ventures**

<i>For the year ended 31 December</i>	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
<b>Associate</b>				
At 1 January	774.33	761.93	763.23	763.23
Share of net profit of associate	21.26	12.40	-	-
<b>At 31 December</b>	<b><u>795.59</u></b>	<b><u>774.33</u></b>	<b><u>763.23</u></b>	<b><u>763.23</u></b>
<b>Joint ventures</b>				
At 1 January	-	-	-	-
Increase	44.32	-	44.32	-
Share of net loss of joint ventures	(0.29)	-	-	-
<b>At 31 December</b>	<b><u>44.03</u></b>	<b><u>-</u></b>	<b><u>44.32</u></b>	<b><u>-</u></b>
<b>Total</b>				
At 1 January	774.33	761.93	763.23	763.23
Increase	44.32	-	44.32	-
Share of net profit of associate and joint ventures	20.97	12.40	-	-
<b>At 31 December</b>	<b><u>839.62</u></b>	<b><u>774.33</u></b>	<b><u>807.55</u></b>	<b><u>763.23</u></b>

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

Investments in associate as at 31 December 2016 and 2015, and dividend income from those investments for the years then ended, were as follows:

**Consolidated financial statements**

	Ownership interest		Paid-up capital		Cost method		Equity method		Impairment		At equity - net		Dividend income	
	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015
	%													
<i>(in million Baht)</i>														
<b>Associate</b>														
Ubon Bio Ethanol Co., Ltd.	21.28	21.28	2,740.00	2,740.00	763.23	763.23	795.59	774.33	-	-	795.59	774.33	-	-
					<u>763.23</u>	<u>763.23</u>	<u>795.59</u>	<u>774.33</u>	<u>-</u>	<u>-</u>	<u>795.59</u>	<u>774.33</u>	<u>-</u>	<u>-</u>
<b>Joint ventures</b>														
Bongkot Marine Services Co., Ltd.	30.00	-	144.40	-	43.32	-	43.06	-	-	-	43.06	-	-	-
Oam Suk Social Enterprise Co., Ltd.	40.00	-	2.50	-	1.00	-	0.97	-	-	-	0.97	-	-	-
					<u>44.32</u>	<u>-</u>	<u>44.03</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>44.03</u>	<u>-</u>	<u>-</u>	<u>-</u>
<b>Total</b>					<u><b>807.55</b></u>	<u><b>763.23</b></u>	<u><b>839.62</b></u>	<u><b>774.33</b></u>	<u><b>-</b></u>	<u><b>-</b></u>	<u><b>839.62</b></u>	<u><b>774.33</b></u>	<u><b>-</b></u>	<u><b>-</b></u>

None of the Group's equity-accounted investee is publicly listed and consequently does not have published price quotations.

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

	Separate financial statements											
	Ownership interest		Paid-up capital		Cost method		Impairment		At equity - net		Dividend income	
	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015
	(%)						<i>(in million Baht)</i>					
<b>Associate</b>												
Ubon Bio Ethanol Co., Ltd.	21.28	21.28	2,740.00	2,740.00	763.23	763.23	-	-	763.23	763.23	-	-
					<u>763.23</u>	<u>763.23</u>	<u>-</u>	<u>-</u>	<u>763.23</u>	<u>763.23</u>	<u>-</u>	<u>-</u>
<b>Joint ventures</b>												
Bongkot Marine Services Co., Ltd.	30.00	-	144.40	-	43.32	-	-	-	43.32	-	-	-
Oam Suk Social Enterprise Co., Ltd.	40.00	-	2.50	-	1.00	-	-	-	1.00	-	-	-
					<u>44.32</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>44.32</u>	<u>-</u>	<u>-</u>	<u>-</u>
					<u>807.55</u>	<u>763.23</u>	<u>-</u>	<u>-</u>	<u>807.55</u>	<u>763.23</u>	<u>-</u>	<u>-</u>

None of the Company's equity-accounted investee is publicly listed and consequently does not have published price quotations.

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

*Associate*

The summary of financial data of the associate of the Company and the reconciliation between the summary of financial data and the book value of the Group interests were as follows:

	Ubon Bio Ethanol Co., Ltd.	
	2016	2015
	<i>(in million Baht)</i>	
Revenue	3,550.38	3,663.42
Profit for the year	99.94	58.28
Other comprehensive income	-	-
<b>Total comprehensive income</b>	<b>99.94</b>	<b>58.28</b>
Non-controlling interests	-	-
Owners of the Company	99.94	58.28
Current assets	1,209.67	1,205.96
Non-current assets	5,783.53	5,726.91
Current liabilities	(2,477.00)	(2,434.40)
Non-current liabilities	(1,585.88)	(1,668.08)
<b>Net assets</b>	<b>2,930.32</b>	<b>2,830.39</b>

The reconciliation of the summarised financial information to the carrying amount of the Group's interest in this company.

	Ubon Bio Ethanol Co., Ltd.	
	2016	2015
	<i>(in million Baht)</i>	
Non-controlling interests	-	-
Owners of the Company	2,930.32	2,830.39
Group interests in net assets at 1 January	774.33	761.93
Total comprehensive income of the Group	21.26	12.40
<b>Carrying amount of interest in investee at 31 December 2016</b>	<b>795.59</b>	<b>774.33</b>

*Immaterial joint ventures*

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

	Immaterial joint ventures
	<i>(in million Baht)</i>
<b>For the year ended 31 December 2016</b>	<b>44.32</b>
Carrying amount of interests in immaterial joint ventures	44.32
Group's share of:	
- loss for the year	(0.29)
- Other comprehensive income	-
- Total comprehensive income (loss)	<b>(0.29)</b>

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

**13 Investment Property**

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
<b>Cost</b>				
At 1 January	459.34	459.34	459.34	459.34
Transfer to property, plant and equipment	(99.74)	-	(99.74)	-
<b>At 31 December</b>	<b><u>359.60</u></b>	<b><u>459.34</u></b>	<b><u>359.60</u></b>	<b><u>459.34</u></b>
<b>Depreciation and impairment losses</b>				
At 1 January	-	-	-	-
<b>At 31 December</b>	<b><u>-</u></b>	<b><u>-</u></b>	<b><u>-</u></b>	<b><u>-</u></b>
<b>Net book value</b>				
At 1 January	<b><u>459.34</u></b>	<b><u>459.34</u></b>	<b><u>459.34</u></b>	<b><u>459.34</u></b>
<b>At 31 December</b>	<b><u>359.60</u></b>	<b><u>459.34</u></b>	<b><u>359.60</u></b>	<b><u>459.34</u></b>

During 2016, the Company transferred partial of investment property amounting Baht 99.74 million to land, since the Company starting the land development for the construction of oil service station.

Investment property were revalued as at 31 December 2016 and 2015 by an independent professional valuer, at market comparison value with appraised value totalling Baht 793.21 million (2015: Baht 1,013.21 million).

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

**14 Property, plant and equipment**

(a) The Group

**Consolidated financial statements**

	Land	Buildings	Machinery, equipment refinery plants and terminal	Electricity producing equipments	Exploration and production of petroleum assets <i>(in million Baht)</i>	Marketing and office equipments	Platinum catalyst	Vehicles	Other assets	Construction work in progress	Total
<b>Cost</b>											
At 1 January 2015	<b>1,399.56</b>	<b>2,036.80</b>	<b>39,305.58</b>	<b>9,702.60</b>	<b>4,077.28</b>	<b>4,861.57</b>	<b>239.26</b>	<b>235.43</b>	-	<b>1,015.50</b>	<b>62,873.58</b>
Acquired through business acquisition	-	-	-	-	3,715.64	-	-	-	-	-	3,715.64
Additions	-	239.34	1,324.86	2,999.95	173.42	40.43	-	1.84	-	3,609.94	8,389.78
Transfers	20.00	31.54	554.21	(12.09)	(15.46)	539.10	-	62.84	27.78	(1,159.27)	48.65
Disposals	(8.77)	(38.00)	(1,614.77)	(3,510.21)	-	(211.15)	-	(11.27)	-	-	(5,394.17)
Effect of movement in exchange rate	-	6.92	-	-	590.49	-	-	-	-	-	597.41
<b>At 31 December 2015 and 1 January 2016</b>	<b>1,410.79</b>	<b>2,276.60</b>	<b>39,569.88</b>	<b>9,180.25</b>	<b>8,541.37</b>	<b>5,229.95</b>	<b>239.26</b>	<b>288.84</b>	<b>27.78</b>	<b>3,466.17</b>	<b>70,230.89</b>
Acquired through business acquisition ( <i>Note 4</i> )	61.57	42.04	-	1,001.07	-	11.70	-	1.22	-	292.75	1,410.35
Additions	405.46	190.95	576.82	5.77	-	34.68	-	20.19	-	8,471.72	9,705.59
Transfers	398.24	526.79	3,413.18	1,420.00	(24.30)	1,296.87	-	45.59	-	(7,074.05)	2.32
Disposals	-	(21.07)	(1,351.29)	-	-	(315.47)	-	(22.19)	-	-	(1,710.02)
Effect of movement in exchange rate	(15.80)	(0.58)	-	(31.37)	(61.42)	0.50	-	0.04	-	(60.71)	(169.34)
<b>At 31 December 2016</b>	<b>2,260.26</b>	<b>3,014.73</b>	<b>42,208.59</b>	<b>11,575.72</b>	<b>8,455.65</b>	<b>6,258.23</b>	<b>239.26</b>	<b>333.69</b>	<b>27.78</b>	<b>5,095.88</b>	<b>79,469.79</b>

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

	<b>Consolidated financial statements</b>										
	Land	Buildings	Machinery, equipment refinery plants and terminal	Electricity producing equipments	Exploration and production of petroleum assets <i>(in million Baht)</i>	Marketing and office equipments	Platinum catalyst	Vehicles	Other assets	Construction work in progress	Total
<b><i>Depreciation and impairment losses</i></b>											
At 1 January 2015	(15.81)	(660.54)	(16,694.88)	(693.65)	(3,000.56)	(3,497.30)	-	(174.72)	-	-	(24,737.46)
Acquired through business acquisition	-	-	-	-	(1,602.73)	-	-	-	-	-	(1,602.73)
Depreciation charge for the year	-	(96.65)	(2,720.10)	(400.10)	(875.19)	(342.34)	-	(29.94)	(1.31)	-	(4,465.63)
(Losses) reversal of impairment losses	1.73	-	0.02	-	(58.20)	4.33	-	-	-	-	(52.12)
Transfers	-	-	-	3.07	-	(83.68)	-	-	-	-	(80.61)
Disposals	-	18.09	320.77	518.12	-	163.66	-	11.00	-	-	1,031.64
Effect of movement in exchange rate	-	(6.45)	-	-	(273.62)	-	-	-	-	-	(280.07)
<b>At 31 December 2015 and 1 January 2016</b>	<b>(14.08)</b>	<b>(745.55)</b>	<b>(19,094.19)</b>	<b>(572.56)</b>	<b>(5,810.30)</b>	<b>(3,755.33)</b>	<b>-</b>	<b>(193.66)</b>	<b>(1.31)</b>	<b>-</b>	<b>(30,186.98)</b>
Depreciation charge for the year	-	(125.27)	(2,661.39)	(483.93)	(757.04)	(400.02)	-	(32.36)	(1.31)	-	(4,461.32)
(Losses) reversal of impairment losses	1.90	-	(0.19)	-	38.19	1.30	-	-	-	-	41.20
Transfer	-	(0.96)	-	-	-	0.96	-	-	-	-	-
Disposals	-	20.21	1,284.64	-	-	235.49	-	22.19	-	-	1,562.53
Effect of movement in exchange rate	-	0.64	-	3.77	32.19	0.06	-	0.01	-	-	36.67
<b>At 31 December 2016</b>	<b>(12.18)</b>	<b>(850.93)</b>	<b>(20,471.13)</b>	<b>(1,052.72)</b>	<b>(6,496.96)</b>	<b>(3,917.54)</b>	<b>-</b>	<b>(203.82)</b>	<b>(2.62)</b>	<b>-</b>	<b>(33,007.90)</b>



**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

	<b>Consolidated financial statements</b>										
	Land	Buildings	Machinery, equipment refinery plants and terminal	Electricity producing equipments	Exploration and production of petroleum assets	Marketing and office equipments <i>(in million Baht)</i>	Platinum catalyst	Vehicles	Other assets	Construction work in progress	Total
<b>Net book value</b>											
<b>At 1 January 2015</b>											
Owned assets	1,383.75	1,376.26	21,518.02	9,008.95	1,076.72	1,364.27	239.26	60.71	-	1,015.50	37,043.44
Assets under finance leases	-	-	1,092.68	-	-	-	-	-	-	-	1,092.68
	<b>1,383.75</b>	<b>1,376.26</b>	<b>22,610.70</b>	<b>9,008.95</b>	<b>1,076.72</b>	<b>1,364.27</b>	<b>239.26</b>	<b>60.71</b>	<b>-</b>	<b>1,015.50</b>	<b>38,136.12</b>
<b>At 31 December 2015 and 1 January 2016</b>											
Owned assets	1,396.71	1,531.05	20,475.69	8,607.69	2,731.07	1,474.62	239.26	95.18	26.47	3,466.17	40,043.91
Assets under finance leases	-	-	-	-	-	-	-	-	-	-	-
	<b>1,396.71</b>	<b>1,531.05</b>	<b>20,475.69</b>	<b>8,607.69</b>	<b>2,731.07</b>	<b>1,474.62</b>	<b>239.26</b>	<b>95.18</b>	<b>26.47</b>	<b>3,466.17</b>	<b>40,043.91</b>
<b>At 31 December 2016</b>											
Owned assets	2,248.08	2,163.80	21,737.46	10,523.00	1,958.69	2,340.69	239.26	129.87	25.16	5,095.88	46,461.89
Assets under finance leases	-	-	-	-	-	-	-	-	-	-	-
	<b>2,248.08</b>	<b>2,163.80</b>	<b>21,737.46</b>	<b>10,523.00</b>	<b>1,958.69</b>	<b>2,340.69</b>	<b>239.26</b>	<b>129.87</b>	<b>25.16</b>	<b>5,095.88</b>	<b>46,461.89</b>

# The Bangchak Petroleum Public Company Limited and its Subsidiaries

## Notes to the financial statements

### For the year ended 31 December 2016

On 31 August 2016, a subsidiary has entered into Assets Sale and Purchase Agreement for ethanol production consisting of land, buildings, machinery and equipment from another company totaling Baht 829.91 million.

As at 31 December 2016, certain subsidiaries have mortgaged its land, buildings and machinery as collateral with financial institutions for credit facilities totaling Baht 16,156.97 million (2015: Baht 5,005.08 million).

Capitalised borrowing costs relating to construction of the new factory amounted to Baht 122.64 million (2015: Baht 47.96 million), with a capitalization rate of 3.85-5.59% (2015: 4.64-4.83%) (see note 32).

The gross amount of the Group's fully depreciated plant and equipment that was still in use as at 31 December 2016 amounted to Baht 6,180.05 million (2015: Baht 6,039.55 million)

#### *Calculation of recoverable amount of oil exploration & production assets in Nido Petroleum Limited*

The outlook for oil market continues to be challenging due to excess of crude oil supply against a backdrop of reduced demand growth. As a result, future oil prices is still continuing to fluctuate. The recoverable amount of petroleum exploration and production assets calculated based on value in use which was the estimated future cash flows are discounted to their present value. The key assumptions used in the cash flow projections include the oil prices, oil reserve, production profile, discount rates, and capital expenditure. The key assumption were estimated by the Management. The forecast oil price are based on the world market and upon past experience of the industry. Production profiles are based on a proved and probable reserve certified by independent expert (Gaffney, Cline & Associates) and also the long-term view of global supply and demand. The discount rate is derived from weighted average cost of capital of 7.98% (2015: 7.79%). The capital expenditure was determined based on project management estimation and long term planning.

The Group recognized reversal of impairment loss and impairment loss in consolidated statement of income for the year end 31 December 2016, 2015 and 2014 as follows;

	Consolidated financial statements		
	2016	2015	2014
	<i>(in million Baht)</i>		
<b>(Reversal of) impairment losses</b>			
Property, plant and equipment	(38.19)	58.20	883.98
Intangible assets	-	-	269.95
<b>Total</b>	<b>(38.19)</b>	<b>58.20</b>	<b>1,153.93</b>

The sensitivity analysis in the key assumption was estimated. The calculations were performed assuming a change to the variable being tested only. It is estimated that if the oil price assumption for all future years were to be increased by around 7.64%, this would cause the reversal of the remaining allowance for impairment loss.

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

(b) The Company

	Separate financial statements									Total
	Land	Buildings	Machinery, equipment refinery plants and terminal	Electricity producing equipments	Marketing and office equipments <i>(in million Baht)</i>	Platinum catalyst	Vehicles	Other assets	Construction work in progress	
<b>Cost</b>										
At 1 January 2015	985.34	759.21	38,629.16	3,522.28	4,678.48	239.27	206.27	-	990.76	50,010.77
Additions	-	-	1,322.95	-	-	-	-	-	2,188.23	3,511.18
Transfers	20.00	9.89	544.20	(12.09)	539.10	-	62.84	27.78	(1,127.58)	64.14
Disposals	(8.77)	(37.75)	(1,613.13)	(3,510.19)	(206.02)	-	(9.13)	-	-	(5,384.99)
<b>At 31 December 2015 and 1 January 2016</b>	<b>996.57</b>	<b>731.35</b>	<b>38,883.18</b>	<b>-</b>	<b>5,011.56</b>	<b>239.27</b>	<b>259.98</b>	<b>27.78</b>	<b>2,051.41</b>	<b>48,201.10</b>
Additions	-	-	27.15	-	-	-	-	-	5,042.06	5,069.21
Transfers	335.89	24.50	2,085.48	-	1,288.90	-	45.59	-	(3,758.10)	22.26
Disposals	-	(15.40)	(1,349.39)	-	(390.40)	-	(20.79)	-	-	(1,775.98)
<b>At 1 December 2016</b>	<b>1,332.46</b>	<b>740.45</b>	<b>39,646.42</b>	<b>-</b>	<b>5,910.06</b>	<b>239.27</b>	<b>284.78</b>	<b>27.78</b>	<b>3,335.37</b>	<b>51,516.59</b>
<b>Depreciation and impairment losses</b>										
At 1 January 2015	(15.81)	(490.03)	(16,499.08)	(387.72)	(3,423.72)	-	(156.36)	-	-	(20,972.72)
Depreciation charge for the period	-	(37.31)	(2,675.37)	(133.46)	(312.62)	-	(26.33)	(1.31)	-	(3,186.40)
Reversal of impairment losses	1.73	-	0.02	-	4.34	-	-	-	-	6.09
Transfer	-	-	-	3.06	(83.68)	-	-	-	-	(80.62)
Disposals	-	18.01	319.60	518.12	158.53	-	8.87	-	-	1,023.13
<b>At 31 December 2015 and 1 January 2016</b>	<b>(14.08)</b>	<b>(509.33)</b>	<b>(18,854.83)</b>	<b>-</b>	<b>(3,657.15)</b>	<b>-</b>	<b>(173.82)</b>	<b>(1.31)</b>	<b>-</b>	<b>(23,210.52)</b>
Depreciation charge for the period (losses) reversal of impairment losses	-	(35.94)	(2,565.42)	-	(355.42)	-	(27.30)	(1.31)	-	(2,985.39)
losses	1.90	-	(0.19)	-	1.30	-	-	-	-	3.01
Transfer	-	(0.96)	-	-	0.96	-	-	-	-	-
Disposals	-	15.29	1,283.34	-	270.39	-	20.62	-	-	1,589.64
<b>At 31 December 2016</b>	<b>(12.18)</b>	<b>(530.94)</b>	<b>(20,137.10)</b>	<b>-</b>	<b>(3,739.92)</b>	<b>-</b>	<b>(180.50)</b>	<b>(2.62)</b>	<b>-</b>	<b>(24,603.26)</b>

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

	Separate financial statements									
	Land	Buildings	Machinery, equipment refinery plants and terminal	Electricity producing equipments	Marketing and office equipments <i>(in million Baht)</i>	Platinum catalyst	Vehicles	Other assets	Construction work in progress	Total
<b><i>Net book value</i></b>										
<b>At 1 January 2015</b>										
Owned assets	969.53	269.18	21,037.40	3,134.56	1,254.76	239.27	49.91	-	990.76	27,945.37
Assets under finance leases	-	-	1,092.68	-	-	-	-	-	-	1,092.68
	<b>969.53</b>	<b>269.18</b>	<b>22,130.08</b>	<b>3,134.56</b>	<b>1,254.76</b>	<b>239.27</b>	<b>49.91</b>	<b>-</b>	<b>990.76</b>	<b>29,038.05</b>
<b>At 31 December 2015 and 1 January 2016</b>										
Owned assets	982.49	222.02	20,028.35	-	1,354.41	239.27	86.16	26.47	2,051.41	24,990.58
Assets under finance leases	-	-	-	-	-	-	-	-	-	-
	<b>982.49</b>	<b>222.02</b>	<b>20,028.35</b>	<b>-</b>	<b>1,354.41</b>	<b>239.27</b>	<b>86.16</b>	<b>26.47</b>	<b>2,051.41</b>	<b>24,990.58</b>
<b>At 31 December 2016</b>										
Owned assets	1,320.28	209.51	19,509.32	-	2,170.14	239.27	104.28	25.16	3,335.37	26,913.33
Assets under finance leases	-	-	-	-	-	-	-	-	-	-
	<b>1,320.28</b>	<b>209.51</b>	<b>19,509.32</b>	<b>-</b>	<b>2,170.14</b>	<b>239.27</b>	<b>104.28</b>	<b>25.16</b>	<b>3,335.37</b>	<b>26,913.33</b>

On 28 May 2015, the Company entered into Cogeneration Power Plant Purchase Agreement with PTT Public Company Limited for a consideration of Baht 1,291.79 million and also cancelled Cogeneration Purchase and Sales Agreement for steam and electricity with the said company. The Company reversed assets and liabilities under financial lease which were previously recognized in accordance with Thai Financial Reporting Interpretations Committee 4 (TFRIC 4) Determining whether an arrangement contains a lease.

Capitalised borrowing costs relating to construction of the new plant amounted to Baht 74.52 million (2015: Baht 27.47 million), with a capitalization rate of 4.34-5.59% (2015: 4.64 - 4.83%) (see note 32).

The gross amount of the Company's fully depreciated plant and equipment that was still in use as at 31 December 2016 amounted to Baht 6,128.40 million (2015: Baht 5,989.05 million).

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

**15 Leasehold rights**

	<b>Consolidated and Separate financial statements</b> <i>(in million Baht)</i>
<i>Cost</i>	
At 1 January 2015	2,714.69
Additions	383.60
Disposals	(6.50)
<b>At 31 December 2015 and 1 January 2016</b>	<b>3,091.79</b>
Addition	412.43
Disposals	(58.36)
<b>At 31 December 2016</b>	<b>3,445.86</b>
<i>Amortisation and impairment losses</i>	
At 1 January 2015	(1,318.94)
Amortisation charge for the year	(130.12)
Disposals	0.86
Impairment losses	(0.09)
<b>At 31 December 2015 and 1 January 2016</b>	<b>(1,448.29)</b>
Amortisation charge for the year	(116.68)
Disposals	47.15
Reversal of impairment losses	11.00
<b>At 31 December 2016</b>	<b>(1,506.82)</b>
<i>Net book value</i>	
<b>At 1 January 2015</b>	<b>1,395.75</b>
<b>At 31 December 2015 and 1 January 2016</b>	<b>1,643.50</b>
<b>At 31 December 2016</b>	<b>1,939.04</b>

On 27 February 2004, The Treasury Department permitted the Company to settle by instalments, the leasehold fee of Baht 551.63 million for an extension of the lease agreement of state-owned land on which the Company's refinery is located. The initial lease agreement, which due for expiration on 1 April 2015, will be extended for period of 18 years under the new lease agreement, which will expire on 31 March 2033. The Company has extended the amortisation period of existing leasehold rights to 31 March 2033, which corresponds to the period of the new agreement. The annually instalments of the leasehold fee are as followed;

Period	<i>(in million Baht)</i>
The year 2007 - 2009	137.90
The year 2010 - 2012	183.88
The year 2013 - 2015	229.85
<b>Total</b>	<b>551.63</b>

As at 31 December 2016 and 2015, there is no remaining liability from the leasehold rights.

# The Bangchak Petroleum Public Company Limited and its Subsidiaries

## Notes to the financial statements

For the year ended 31 December 2016

### 16 Intangible assets

#### Consolidated financial statements

	Right to use and cost of development of computer software	Exploration and evaluation expenditure	Right to connect power distribution system <i>(in million Baht)</i>	Feed-in Tariff power purchase agreement	Intangible assets under development	Total
<b>Cost</b>						
At 1 January 2015	454.71	2,065.40	20.60	-	-	2,540.71
Acquired through business acquisition	-	855.75	-	-	-	855.75
Additions	36.72	51.68	17.82	-	-	106.22
Disposals	(0.20)	(11.50)	(20.60)	-	-	(32.30)
Effect of movements in exchange rates	-	346.08	-	-	-	346.08
<b>At 31 December 2015 and 1 January 2016</b>	<b>491.23</b>	<b>3,307.41</b>	<b>17.82</b>	<b>-</b>	<b>-</b>	<b>3,816.46</b>
Acquired through business acquisition <i>(note 4)</i>			84.11	1,680.43	25.11	1,789.65
Additions	263.34	54.81	11.41	-	154.27	483.83
Transfers	-	-	11.41	-	20.30	31.71
Disposals	(0.28)	-	(4.14)	-	-	(4.42)
Effect of movements in exchange rates	-	(22.80)	1.36	47.11	(8.56)	17.11
<b>At 31 December 2016</b>	<b>754.29</b>	<b>3,339.42</b>	<b>121.97</b>	<b>1,727.54</b>	<b>191.12</b>	<b>6,134.34</b>

# The Bangchak Petroleum Public Company Limited and its Subsidiaries

## Notes to the financial statements

For the year ended 31 December 2016

### Consolidated financial statements

	Right to use and cost of development of computer software	Exploration and evaluation expenditure	Right to connect power distribution system <i>(in million Baht)</i>	Feed-in Tariff power purchase agreement	Intangible assets under development	Total
<b>Amortisation</b>						
At 1 January 2015	(232.12)	(658.76)	(2.02)	-	-	(892.90)
Amortisation for the year	(49.25)	-	(0.82)	-	-	(50.07)
Disposals	0.20	-	2.78	-	-	2.98
Effect of movements in exchange rates	-	(97.62)	-	-	-	(97.62)
<b>At 31 December 2015 and 1 January 2016</b>	<b>(281.17)</b>	<b>(756.38)</b>	<b>(0.06)</b>	<b>-</b>	<b>-</b>	<b>(1,037.61)</b>
Amortisation for the period	(64.16)	-	(4.48)	(22.47)	-	(91.11)
Disposals	0.20	-	0.09	-	-	0.29
Effect of movements in exchange rates	-	5.32	0.19	1.20	-	6.71
<b>At 31 December 2016</b>	<b>(345.13)</b>	<b>(751.06)</b>	<b>(4.26)</b>	<b>(21.27)</b>	<b>-</b>	<b>(1,121.72)</b>
<b>Net book value</b>						
At 1 January 2015	222.59	1,406.64	18.58	-	-	1,647.81
At 31 December 2015 and 1 January 2016	210.06	2,551.03	17.76	-	-	2,778.85
At 31 December 2016	409.16	2,588.36	117.71	1,706.27	191.12	5,012.62

**The Bangkok Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

	<b>Separate financial statements</b>		
	Right to use and cost of development of computer software	Right to connect power distribution system <i>(in million Baht)</i>	Total
<b>Cost</b>			
At 1 January 2015	<b>441.73</b>	<b>20.60</b>	<b>462.33</b>
Additions	36.67	-	36.67
Disposals	(0.20)	(20.60)	(20.80)
<b>At 31 December 2015 and 1 January 2016</b>	<b>478.20</b>	<b>-</b>	<b>478.20</b>
Additions	184.89	-	184.89
Disposals	(0.28)	-	(0.28)
<b>At 31 December 2016</b>	<b>662.81</b>	<b>-</b>	<b>662.81</b>
<b>Amortisation</b>			
At 1 January 2015	(226.69)	(2.03)	(228.72)
Amortisation for the year	(46.83)	(0.75)	(47.58)
Disposals	0.19	2.78	2.97
<b>At 31 December 2015 and 1 January 2016</b>	<b>(273.33)</b>	<b>-</b>	<b>(273.33)</b>
Amortisation for the year	(59.66)	-	(59.66)
Disposals	0.21	-	0.21
<b>At 31 December 2016</b>	<b>(332.78)</b>	<b>-</b>	<b>(332.78)</b>
<b>Net book value</b>			
At 1 January 2015	<b>215.04</b>	<b>18.57</b>	<b>233.61</b>
<b>At 31 December 2015 and 1 January 2016</b>	<b>204.87</b>	<b>-</b>	<b>204.87</b>
<b>At 31 December 2016</b>	<b>330.03</b>	<b>-</b>	<b>330.03</b>



**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

**17 Deferred tax**

Deferred tax assets and liabilities as at 31 December were as follows:

	<b>Consolidated financial statements</b>			
	Assets		Liabilities	
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
Total	860.22	835.33	(914.40)	(556.20)
Set off of tax	(313.71)	(275.73)	313.71	275.73
<b>Net deferred tax assets (liabilities)</b>	<b><u>546.51</u></b>	<b><u>559.60</u></b>	<b><u>(600.69)</u></b>	<b><u>(280.47)</u></b>

	<b>Separate financial statements</b>			
	Assets		Liabilities	
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
Total	628.45	611.52	(118.38)	(61.32)
Set off of tax	(118.38)	(61.32)	118.38	61.32
<b>Net deferred tax assets</b>	<b><u>510.07</u></b>	<b><u>550.20</u></b>	<b><u>-</u></b>	<b><u>-</u></b>

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

Movements in total deferred tax assets and liabilities during the year were as follows:

	<b>Consolidated financial statement</b>					<b>At 31 December 2016</b>
	<b>At 1 January 2016</b>	<u>(Charged)/Credited to:</u>			<b>Exchange differences</b>	
		Profit/loss (Note 33)	Other comprehensive income (in million Baht)	Acquired through business acquisition (Note 4)		
<b><i>Deferred tax assets</i></b>						
Loss from impairment of assets	185.43	(14.47)	-	-	-	170.96
Property, plant and equipment	257.44	22.82	-	-	(1.12)	279.14
Employee benefit obligation	306.60	22.78	17.54	-	-	346.92
Loss carry forward	36.69	(6.80)	-	-	(0.68)	29.21
Inventories	20.99	(20.99)	-	-	-	-
Others	28.18	5.81	-	-	-	33.99
<b>Total</b>	<b>835.33</b>	<b>9.15</b>	<b>17.54</b>	<b>-</b>	<b>(1.80)</b>	<b>860.22</b>
<b><i>Deferred tax liabilities</i></b>						
Property, plant and equipment	(438.18)	82.26	-	-	4.82	(351.10)
Intangible assets	-	4.64	-	(442.86)	(12.67)	(450.89)
Leasehold rights	(1.20)	0.07	-	-	-	(1.13)
Provision for the decommissioning cost	(102.86)	14.04	-	(6.10)	0.34	(94.58)
Others	(13.96)	(2.80)	-	-	0.06	(16.70)
<b>Total</b>	<b>(556.20)</b>	<b>98.21</b>	<b>-</b>	<b>(448.96)</b>	<b>(7.45)</b>	<b>(914.40)</b>
<b>Net</b>	<b>279.13</b>	<b>107.36</b>	<b>17.54</b>	<b>(448.96)</b>	<b>(9.25)</b>	<b>(54.18)</b>

# The Bangchak Petroleum Public Company Limited and its Subsidiaries

## Notes to the financial statements

For the year ended 31 December 2016

### Consolidated financial statement

(Charged)/Credited to:

	At 1 January 2015	Profit/loss (Note 33)	Other comprehensive income (in million Baht)	Acquired through business acquisition	Exchange differences	At 31 December 2015
<b><i>Deferred tax assets</i></b>						
Loss from impairment of assets	215.55	(30.12)	-	-	-	185.43
Property, plant and equipment	223.05	17.62	-	3.10	13.67	257.44
Employee benefit obligation	237.45	22.99	46.16	-	-	306.60
Loss carry forward	460.18	(426.30)	-	-	2.81	36.69
Inventories	-	20.99	-	-	-	20.99
Others	39.40	(11.28)	-	-	0.06	28.18
<b>Total</b>	<b>1,175.63</b>	<b>(406.10)</b>	<b>46.16</b>	<b>3.10</b>	<b>16.54</b>	<b>835.33</b>
<b><i>Deferred tax liabilities</i></b>						
Inventories	(131.77)	131.77	-	-	-	-
Property, plant and equipment	(403.06)	273.93	-	(266.84)	(42.21)	(438.18)
Leasehold rights	(1.27)	0.07	-	-	-	(1.20)
Provision for the decommissioning cost	(82.00)	(13.04)	-	-	(7.82)	(102.86)
Finance lease liabilities	(0.77)	0.79	-	-	(0.02)	-
Income from insurance compensation	(48.66)	48.66	-	-	-	-
Others	-	(13.26)	-	-	(0.70)	(13.96)
<b>Total</b>	<b>(667.53)</b>	<b>428.92</b>	<b>-</b>	<b>(266.84)</b>	<b>(50.75)</b>	<b>(556.20)</b>
<b>Net</b>	<b>508.10</b>	<b>22.82</b>	<b>46.19</b>	<b>(263.74)</b>	<b>(34.21)</b>	<b>279.13</b>

# The Bangchak Petroleum Public Company Limited and its Subsidiaries

## Notes to the financial statements

For the year ended 31 December 2016

	At 1 January 2016	Separate financial statements (Charged) / credited to		At 31 December 2016
		Profit/loss (Note 33) (in million Baht)	Other comprehensive income	
<b><i>Deferred tax assets</i></b>				
Loss from impairment of assets	185.43	(14.47)	-	170.96
Property, plant and equipment	74.21	7.52	-	81.73
Employee benefit obligation	302.79	20.99	18.05	341.83
Inventories	20.99	(20.99)	-	-
Others	28.10	5.83	-	33.93
<b>Total</b>	<b>611.52</b>	<b>(1.12)</b>	<b>18.05</b>	<b>628.45</b>
<b><i>Deferred tax liabilities</i></b>				
Property, plant and equipment	(60.12)	(57.13)	-	(117.25)
Leasehold rights	(1.20)	0.07	-	(1.13)
<b>Total</b>	<b>(61.32)</b>	<b>(57.06)</b>	<b>-</b>	<b>(118.38)</b>
<b>Net</b>	<b>550.20</b>	<b>(58.18)</b>	<b>18.05</b>	<b>510.07</b>

# The Bangchak Petroleum Public Company Limited and its Subsidiaries

## Notes to the financial statements

For the year ended 31 December 2016

	At 1 January 2015	Separate financial statements (Charged) / credited to		At 31 December 2015
		Profit/loss (Note 33) (in million Baht)	Other comprehensive income	
<b><i>Deferred tax assets</i></b>				
Loss from impairment of assets	215.55	(30.12)	-	185.43
Property, plant and equipment	89.88	(15.67)	-	74.21
Employee benefit obligation	233.79	22.05	46.95	302.79
Inventories	-	20.99	-	20.99
Loss carry forward	421.74	(421.74)	-	-
Others	37.57	(9.47)	-	28.10
<b>Total</b>	<b>998.53</b>	<b>(433.96)</b>	<b>46.95</b>	<b>611.52</b>
<b><i>Deferred tax liabilities</i></b>				
Inventories	(131.77)	131.77	-	-
Property, plant and equipment	(162.91)	102.79	-	(60.12)
Leasehold rights	(1.27)	0.07	-	(1.20)
Income from insurance compensation	(48.66)	48.66	-	-
<b>Total</b>	<b>(344.61)</b>	<b>283.29</b>	<b>-</b>	<b>(61.32)</b>
<b>Net</b>	<b>653.92</b>	<b>(150.67)</b>	<b>46.95</b>	<b>550.20</b>

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
**For the year ended 31 December 2016**

**18 Other non-current assets**

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
Fixed deposit for staff welfare	513.19	511.88	513.19	511.88
Investment in service stations	180.57	160.14	180.57	160.14
Deposit	640.09	538.29	225.70	124.60
Others	399.76	344.38	234.02	67.30
<b>Total</b>	<b><u>1,733.61</u></b>	<b><u>1,554.69</u></b>	<b><u>1,153.48</u></b>	<b><u>863.92</u></b>

**19 Interest-bearing liabilities**

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
<b>Current</b>				
Short term loan from financial institutions				
secured	89.77	-	-	-
unsecured	7,354.25	-	7,189.25	-
	<b><u>7,444.02</u></b>	<b><u>-</u></b>	<b><u>7,189.25</u></b>	<b><u>-</u></b>
Current portion of long-term loans from financial institutions				
secured	1,397.23	145.48	-	-
unsecured	300.15	880.84	300.15	880.84
	<b><u>1,697.38</u></b>	<b><u>1,026.32</u></b>	<b><u>300.15</u></b>	<b><u>880.84</u></b>
Debenture unsecured	2,000.00	-	2,000.00	-
	<b><u>2,000.00</u></b>	<b><u>-</u></b>	<b><u>2,000.00</u></b>	<b><u>-</u></b>
<b>Total Current</b>	<b><u>11,141.40</u></b>	<b><u>1,026.32</u></b>	<b><u>9,489.40</u></b>	<b><u>880.84</u></b>
<b>Non-current</b>				
Long -term loans from financial institutions				
secured	11,056.60	2,596.46	-	-
unsecured	3,401.23	14,051.23	3,401.23	14,051.23
	<b><u>14,457.83</u></b>	<b><u>16,647.69</u></b>	<b><u>3,401.23</u></b>	<b><u>14,051.23</u></b>
Debenture unsecured	13,987.57	15,984.21	13,987.57	15,984.21
	<b><u>13,987.57</u></b>	<b><u>15,984.21</u></b>	<b><u>13,987.57</u></b>	<b><u>15,984.21</u></b>
<b>Total Non-current</b>	<b><u>28,445.40</u></b>	<b><u>32,631.90</u></b>	<b><u>17,388.80</u></b>	<b><u>30,035.44</u></b>
<b>Total</b>	<b><u>39,586.80</u></b>	<b><u>33,658.22</u></b>	<b><u>26,878.20</u></b>	<b><u>30,916.28</u></b>

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
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Details of the Group's loans from financial institutions as at 31 December 2016 was as follows:

	Facilities		Interest	
	Currency	(million)	Interest Rates (%) p.a.	Repayment Terms
<b><i>Short-term loans from financial institutions</i></b>				
The Company	USD	200	LIBOR plus a margin	The principle will be repayable on 29 December 2017
Subsidiary	Baht	120	Fixed Interest Rate	The principle will be repayable on 27 January 2017
Subsidiary	Baht	45	Fixed Interest Rate	The principle will be repayable on 17 January 2017
<b><i>Long-term loans from financial institutions</i></b>				
The Company	Baht	4,200	Fixed Interest Rate	Semi-annually in 26 instalments starting in March 2013
The Company	Baht	3,500	THBFIX 6M plus a margin	Semi-annually in 23 instalments starting in December 2011
Subsidiary	Baht	2,049	Fixed Deposit Rate plus a margin	Quarterly in 24 instalments starting in January 2017
Subsidiary	Baht	400	THBFIX 6M plus a margin	Semi-annually in 13 instalments starting in August 2017
Subsidiary	Baht	170	THBFIX 6M plus a margin	Semi-annually in 11 instalments starting in August 2018
Subsidiary	Baht	450	THBFIX 6M plus a margin	Semi-annually in 15 instalments starting in December 2016
Subsidiary	Baht	270	THBFIX 6M plus a margin	Semi-annually in 15 instalments starting in December 2016
Subsidiary	Baht	750	FDR 6M plus a margin	Semi-annually in 27 instalments starting in December 2016
Subsidiary	Baht	1,050	THBFIX 6M plus a margin	Semi-annually in 17 instalments starting in December 2017
Subsidiary	Baht	630	THBFIX 6M plus a margin	Semi-annually in 17 instalments starting in December 2017
Subsidiary	Baht	1,750	FDR 6M plus a margin	Semi-annually in 29 instalments starting in December 2017
Subsidiary	JPY	4,200	JPYTIBOR 6M plus a margin	Semi-annually in 27 instalments starting in December 2016
Subsidiary	JPY	570	JPYTIBOR 6M plus a margin	Semi-annually in 15 instalments starting in December 2016
Subsidiary	JPY	9,800	JPYTIBOR 6M plus a margin	Semi-annually in 29 instalments starting in December 2017

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
**Notes to the financial statements**  
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	Facilities		Interest	
	Currency	(million)	Interest Rates (%) p.a.	Repayment Terms
Subsidiary	JPY	1,330	JPYTIBOR 6M plus a margin	Semi-annually in 17 instalments starting in December 2017
Subsidiary	Baht	1,508	THBFIX 6M plus a margin	Semi-annually in 20-34 instalments starting in August 2013
Subsidiary	USD	12	Fixed Interest Rate	Semi-annually in 34 instalments starting in August 2013
Indirect subsidiary	JPY	1,366	Fixed Interest Rate	Quarterly in 68 instalments starting in September 2016
Indirect subsidiary	JPY	1,000	Fixed Interest Rate	Quarterly in 68 instalments starting in September 2016
Indirect subsidiary	JPY	900	Fixed Interest Rate	Quarterly in 68 instalments starting in September 2016
Indirect subsidiary	JPY	700	Fixed Interest Rate	Quarterly in 68 instalments starting in September 2016
Indirect subsidiary	JPY	4,176	Fixed Interest Rate	Quarterly in 34 instalments starting in September 2017

The loan agreements contain certain conditions such as maintaining certain financial ratios and transfer right of any agreements. These loans are secured by mortgage of the land, building, land improvement and infrastructure and machinery.

The loan agreements contain certain conditions and restrictions such as maintaining of certain debt to equity ratio, debt service coverage ratio and current ratio.

As at 31 December 2016, the Group and the Company had unutilised credit facilities totalling Baht 9,918 million and Baht 9,695 million, respectively (2015: Baht 11,925 million and Baht 11,665 million, respectively).

The Company entered into a sponsor support agreement with a subsidiary under the conditions as stipulated in the loan agreement with a financial institution to provide support in the event that the subsidiary cannot repay the loan in accordance with loan schedule which has a minimum facility of Baht 400 million. In case a subsidiary cannot find insurance protection for flood, the Company is responsible to repair subsidiary's power plant to normal condition.



**The Bangkok Petroleum Public Company Limited and its Subsidiaries**  
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**Debentures**

Detail of debentures as at 31 December 2016 and 2015 were as follows;

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	31 December 2016	31 December 2015	31 December 2016	31 December 2015
	<i>(in million Baht)</i>			
Debentures	16,000.00	16,000.00	16,000.00	16,000.00
Less Unamortized deferred expenses on debentures	(12.43)	(15.79)	(12.43)	(15.79)
	<b>15,985.57</b>	<b>15,984.21</b>	<b>15,987.57</b>	<b>15,984.21</b>
Less Current portion due within one year	2000.00	-	2000.00	-
<b>Total</b>	<b>13,987.57</b>	<b>15,984.21</b>	<b>13,987.57</b>	<b>15,984.21</b>

On 3 March 2015, the Company issued long-term debentures which are named-registered, unsubordinated, unsecured with a face value of Baht 1,000 each with interest payment dates on 30 June and 30 December. The details are as follows:

<b>Amount (in million Baht)</b>	<b>Interest rate (per annum)</b>	<b>Term (Years)</b>	<b>Maturity Date</b>
2,000	4.72	12	3 March 2027
1,000	5.05	15	3 March 2030

On 11 April 2014, the Company issued long-term debentures which are named-registered, unsubordinated, unsecured and no bond holder representative with a face value of Baht 1,000 each with interest payment dates on 30 June and 30 December. The details are as follows:

<b>Amount (in million Baht)</b>	<b>Interest rate (per annum)</b>	<b>Term (Years)</b>	<b>Maturity Date</b>
2,000	3.73	3	11 April 2017
2,000	4.35	5	11 April 2019
2,000	4.81	7	11 April 2021
2,000	5.18	10	11 April 2024

On 30 April 2012, the Company issued long-term debentures which are named-registered, unsubordinated, unsecured and no bond holder representative with a face value of Baht 1,000 each with interest payment dates on 30 June and 30 December. The details are as follows:

<b>Amount (in million Baht)</b>	<b>Interest rate (per annum)</b>	<b>Term (Years)</b>	<b>Maturity Date</b>
2,000	4.92	7	30 April 2019
1,000	5.35	10	30 April 2022

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In connection with the terms of the rights and responsibilities of the debentures issuer, the company, as the issuer, has to comply with certain restrictions and conditions as stipulated therein, such as maintaining certain financial ratios etc.

The periods to maturity of interest-bearing liabilities as at 31 December were as follows:

	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>		<b>financial statements</b>	
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
Within one year	11,141.40	1,026.32	9,489.40	880.84
After one year but within five years	12,849.54	19,330.51	7,696.21	17,705.94
After five years	15,595.86	13,301.39	9,693.59	12,329.50
<b>Total</b>	<b><u>39,586.80</u></b>	<b><u>33,658.22</u></b>	<b><u>26,878.20</u></b>	<b><u>30,916.28</u></b>

Secured interest-bearing liabilities as at 31 December were secured on the following assets:

	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>		<b>financial statements</b>	
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
Property, plant and equipment	<u>16,156.97</u>	<u>5,005.08</u>	-	-
<b>Total</b>	<b><u>16,156.97</u></b>	<b><u>5,005.08</u></b>	<b><u>-</u></b>	<b><u>-</u></b>

The currency denomination of interest-bearing liabilities as at 31 December were as follows:

	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>		<b>financial statements</b>	
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
Thai Baht (THB)	28,133.51	26,457.58	19,688.95	23,715.64
United States Dollars (USD)	7,189.25	7,200.64	7,189.25	7,200.64
Japanese Yen (JPY)	4,264.04	-	-	-
<b>Total</b>	<b><u>39,586.80</u></b>	<b><u>33,658.22</u></b>	<b><u>26,878.20</u></b>	<b><u>30,916.28</u></b>

**20 Trade accounts payable**

	<i>Note</i>	<b>Consolidated</b>		<b>Separate</b>	
		<b>financial statements</b>		<b>financial statements</b>	
		2016	2015	2016	2015
		<i>(in million Baht)</i>			
Related parties	5	128.06	113.29	764.99	357.68
Other parties		<u>8,638.09</u>	<u>4,881.16</u>	<u>7,526.00</u>	<u>4,117.35</u>
<b>Total</b>		<b><u>8,766.15</u></b>	<b><u>4,994.45</u></b>	<b><u>8,290.99</u></b>	<b><u>4,475.03</u></b>

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The currency denomination of trade accounts payable as at 31 December were as follows:

	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>		<b>financial statements</b>	
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
Thai Baht (THB)	7,675.61	4,685.84	7,984.28	4,475.03
United States Dollars (USD)	1,075.61	271.09	306.71	-
Others	14.93	37.52	-	-
<b>Total</b>	<b>8,766.15</b>	<b>4,994.45</b>	<b>8,290.99</b>	<b>4,475.03</b>

**21 Other payables**

	<i>Note</i>	<b>Consolidated</b>		<b>Separate</b>	
		<b>financial statements</b>		<b>financial statements</b>	
		2016	2015	2016	2015
		<i>(in million Baht)</i>			
<b>Related parties</b>	5	<b>41.02</b>	<b>30.08</b>	<b>58.93</b>	<b>30.44</b>
<b>Other parties</b>					
Accrued expenses		1,135.07	973.60	809.42	903.08
Liabilities from forward contract		74.75	235.69	74.75	235.69
Payable for project construction		342.12	-	-	-
Other accounts payable		1,499.65	1,515.28	776.92	706.10
<b>Total</b>		<b>3,092.61</b>	<b>2,754.65</b>	<b>1,720.02</b>	<b>1,875.31</b>

**22 Employee benefit obligations**

	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>		<b>financial statements</b>	
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
<b>Statement of financial position obligations for:</b>				
Post-employment benefits	1,726.84	1,530.55	1,674.22	1,484.46
Other long-term employee benefits	42.88	40.80	34.98	29.52
<b>Total</b>	<b>1769.72</b>	<b>1,571.35</b>	<b>1,709.20</b>	<b>1,513.98</b>
<i>For the year ended 31 December</i>				
<b>Statement of income:</b>				
<b>Recognised in profit or loss</b>				
Post-employment benefits	138.62	140.20	122.53	134.74
Other long-term employee benefits	6.21	4.33	4.05	3.83
<b>Total</b>	<b>144.83</b>	<b>144.53</b>	<b>126.58</b>	<b>138.57</b>
<b>Recognised in other comprehensive income:</b>				
Actuarial losses recognised in the year	87.71	230.75	90.27	234.78
Cumulative actuarial losses recognised	370.40	282.69	376.99	286.72

The defined benefit plans expose the Group to actuarial risks, such as longevity risk, currency risk, interest rate risk and market (investment) risk.

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Movement in the present value of the defined benefit obligations:

	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
Defined benefit obligations at 1 January	1,571.35	1,188.51	1,513.98	1,168.97
<b>Include in profit or loss:</b>				
Acquired through business acquisition	5.68	8.24	-	-
Benefits paid by the plan	(30.82)	(29.06)	(21.63)	(28.34)
Current service costs and interest	144.83	144.53	126.58	138.57
<b>Included in other comprehensive income</b>				
Actuarial loss	87.71	230.75	90.27	234.78
Effect of movement in exchange rate	(9.03)	28.38	-	-
<b>Defined benefit obligations at 31 December</b>	<b><u>1,769.72</u></b>	<b><u>1,571.35</u></b>	<b><u>1,709.20</u></b>	<b><u>1,513.98</u></b>

Actuarial losses recognised in other comprehensive income (loss) arising from:

	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
Demographic assumptions	3.34	(52.80)	4.47	(52.08)
Financial assumptions	226.36	247.23	226.14	246.67
Experience adjustment	(141.99)	36.32	(140.34)	40.19
<b>Total</b>	<b><u>87.71</u></b>	<b><u>230.75</u></b>	<b><u>90.27</u></b>	<b><u>234.78</u></b>

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*Actuarial assumptions*

The following were the principal actuarial assumptions at the reporting date (expressed as weighted averages).

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2016	2015	2016	2015
		%		
Discount rate	2.26-5.4	2.3-4.8	3.1	3.4
Future salary growth	3-6	3-6	6	6
Turnover rate	0-63	0-64	0-8	0-7

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

At 31 December 2016, the weighted-average duration of the defined benefit obligation was 16 - 32 years (2015: 16 - 32 years).

*Sensitivity analysis*

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

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	<i>(in million Baht)</i>			
<b>Defined benefit obligation 31 December 2016</b>	Increase	Decrease	Increase	Decrease
Discount rate (1% movement)	(187.10)	219.25	(182.10)	213.65
Future salary growth (1% movement)	209.07	(187.51)	200.15	(174.74)
Turnover rate (1% movement)	(75.40)	65.73	(73.56)	64.59

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	<i>(in million Baht)</i>			
<b>Defined benefit obligation 31 December 2015</b>	Increase	Decrease	Increase	Decrease
Discount rate (1% movement)	(199.69)	236.94	(166.76)	196.32
Future salary growth (1% movement)	164.60	(147.60)	185.08	(160.95)
Turnover rate (1% movement)	(65.48)	57.54	(64.19)	56.78

Although the analysis does not take account of the full distribution of cash flows expected under the plan, it does provide an approximation of the sensitivity of the assumptions shown.

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**23 Share capital**

	Par value per share (in Baht)	2016 Number	2016 Baht (million shares / million Baht)	2015 Number	2015 Baht
<i>Authorised</i>					
At 1 January					
ordinary shares	1	1,376.92	1,376.92	1,376.92	1,376.92
<b>At 31 December</b>					
<b>ordinary shares</b>	<b>1</b>	<b>1,376.92</b>	<b>1,376.92</b>	<b>1,376.92</b>	<b>1,376.92</b>
<i>Issued and paid-up</i>					
At 1 January					
ordinary shares	1	1,376.92	1,376.92	1,376.92	1,376.92
<b>At 31 December</b>					
<b>ordinary shares</b>	<b>1</b>	<b>1,376.92</b>	<b>1,376.92</b>	<b>1,376.92</b>	<b>1,376.92</b>

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

*Share premium*

Section 51 of the Public Companies Act B.E. 2535 (1992) requires companies to set aside share subscription monies received in excess of the par value of the shares issued to a reserve account (“share premium”). Share premium is not available for dividend distribution.

*Capital surplus on registered and paid-up share reduction*

On 6 July 2004, the Company registered with the Ministry of Commerce, the reduction in the Company’s registered share capital from Baht 1,032,761,220 to Baht 843,143,461 and the paid-up share capital from Baht 753,040,940 to Baht 563,423,181. These changes were due to the reduction of 189,617,759 shares held by the Siam DR Co., Ltd. to be consistent with the number of “Depository Receipts of BCP’s Ordinary Shares (DR)” which were issued and offered by the Siam DR Co., Ltd. The Company received consent from the Siam DR Co., Ltd. for reducing the mentioned number of shares without capital payback. The Company proceeded the share reduction to Capital on registered and paid-up share reduction account.

*Surplus from the change in the ownership interest in subsidiaries*

Change in parent’s ownership interest in subsidiaries within equity comprises of effect from dilution of percentage of holding of the Company in a subsidiary and difference from changes in parent’s ownership interest in subsidiaries that do not result in a loss of control.

*Legal reserve*

Section 116 of the Public Companies Act B.E. 2535 (1992) Section 116 requires that a company shall allocate not less than 5% of its annual net profit, less any accumulated losses brought forward (if any), to a reserve account (“legal reserve”), until this account reaches an amount not less than 10% of the registered authorised capital. The legal reserve is not available for dividend distribution.

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
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*Other components of equity*

**Currency translation differences**

The currency translation differences account within equity comprises all foreign currency differences arising from the translation of the financial statements of foreign operations, as well as from the translation of liabilities that hedge the Company's net investment in a foreign operation.

**Fair value changes in available-for-sale investments**

The fair value changes in available-for-sale investments account within equity comprises the cumulative net change in the fair value of available-for-sale investments until the investments are derecognised or impaired.

**Movements in reserves**

Movements in reserves are shown in the statements of changes in equity.

**25 Operating segments**

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

<i>Segment 1</i>	<i>Refinery</i>
<i>Segment 2</i>	<i>Marketing</i>
<i>Segment 3</i>	<i>Electricity</i>
<i>Segment 4</i>	<i>Biofuel</i>
<i>Segment 5</i>	<i>Exploration and production of petroleum</i>
<i>Segment 6</i>	<i>Others</i>

Information regarding the results of each reportable segment is included below. Performance is measured based on segment profit before tax, financial costs, depreciation and amortization, gain on foreign exchange and impairment losses on assets (Group's EBITDA), as included in the internal management reports that are reviewed by the Group's CODM. Group's EBITDA is used to measure performance as management believes that such information is the most relevant in evaluating the results of certain segments relative to other entities that operate within these industries.

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Information about reportable segments

	2016							Total
	Refinery	Marketing	Electricity	Biofuel <i>(in million Baht)</i>	Exploration and production of petroleum	Others	Eliminations	
External revenue	27,581.72	110,688.41	3,083.91	1,847.88	1,503.37	-	-	144,705.29
Inter-segment revenue	102,795.33	2.57	-	5,245.23	-	-	(108,043.13)	-
<b>Total revenue</b>	<b>130,377.05</b>	<b>110,690.98</b>	<b>3,082.91</b>	<b>7,093.11</b>	<b>1,503.37</b>	<b>-</b>	<b>(108,043.13)</b>	<b>144,705.29</b>
Group's EBITDA	5,756.23	2,527.47	2,559.45	326.01	322.58	(128.76)	-	11,362.98
Depreciation and amortization								(4,734.38)
Gain on foreign exchange								236.78
Reversed of allowance for loss from impairment of assets								36.80
Finance costs								(1,483.80)
Income tax expense								(688.97)
<b>Profit for the year</b>								<b>4,729.41</b>
Interest revenue	48.86	110.88	27.76	0.59	0.21	-	-	188.30
Financial costs	929.12	133.98	370.42	42.52	238.11	0.64	(230.99)	1,483.80
Depreciation and amortisation	2,597.89	640.33	603.52	123.15	761.19	8.30	-	4,734.38
Segments assets	52,887.93	11,228.52	25,485.05	4,831.66	6,832.41	517.29	-	101,782.86
Investments in associate and joint ventures	43.06	-	-	795.59	-	0.97	-	839.62
Capital expenditure	4,089.42	1,705.35	3,231.24	1,271.87	39.60	0.25	-	10,337.73



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	2015							
	Refinery	Marketing	Electricity	Biofuel	Exploration and production of petroleum	Others	Eliminations	Total
	<i>(in million Baht)</i>							
External revenue	30,456.94	114,267.72	3,010.04	1,061.38	2,344.28	-	-	151,140.36
Inter-segment revenue	106,847.88	0.34	-	4,352.62	-	-	(111,200.84)	-
<b>Total revenue</b>	<b>137,304.82</b>	<b>114,268.06</b>	<b>3,010.04</b>	<b>5,414.00</b>	<b>2,344.28</b>	<b>-</b>	<b>(111,200.84)</b>	<b>151,140.36</b>
Group's EBITDA	5,096.57	2,497.31	3,005.10	354.61	471.72	(170.64)	(173.43)	11,081.24
Depreciation and amortization								(4,708.47)
Gain on foreign exchange								177.59
Impairment loss on assets								(64.88)
Others								(100.76)
Finance costs								(1,614.56)
Income tax expense								(672.78)
<b>Profit for the year</b>								<b>4,097.38</b>
Interest revenue	195.74	242.95	13.60	0.82	0.34	0.13	(207.07)	246.51
Financial costs	1,154.65	173.07	202.36	10.12	277.34	1.93	(204.91)	1,614.56
Depreciation and amortization	2,697.02	557.63	504.64	60.63	878.49	10.06	-	4,708.47
Segments assets	43,908.68	12,720.48	15,424.83	2,599.83	4,839.05	2,449.45	-	81,942.32
Investments in associate	-	-	-	774.33	-	-	-	774.33
Capital expenditure	2,385.49	1,568.24	3,304.40	1,137.21	128.11	-	-	8,523.45

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***Geographical segments***

In presenting information on the basis of geographical segments, segment sales are based on the entity's country of domicile. Segment non-current assets (exclude derivatives and deferred tax) are based on the geographical location of the assets.

***Geographical information***

	<b>Revenue</b>	
	2016	2015
	<i>(in million Baht)</i>	
Thailand	133,846.26	135,251.08
Malaysia	3,948.73	7,687.80
Japan	253.31	-
Korea	1,379.63	1,485.06
Philippines	35.06	45.29
Singapore	2,953.66	2,179.13
Others	2,288.64	4,492.00
<b>Total</b>	<b><u>144,705.29</u></b>	<b><u>151,140.36</u></b>

  

	<b>Non-current assets</b>	
	2016	2015
	<i>(in million Baht)</i>	
Thailand	48,413.68	42,514.94
Japan	6,065.40	-
Philippines	2,486.66	4,956.84
Singapore	0.23	-
Indonesia	113.81	102.72
Australia	6.07	8.51
<b>Total</b>	<b><u>57,085.85</u></b>	<b><u>47,583.01</u></b>

***Major customer***

Revenues from one customer of the Group's 1 and 2 segments represents approximately Baht 14,103 million (2015: Baht 14,481 million) of the Group's total revenues.

**26 Investment income**

	<i>Note</i>	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
		2016	2015	2016	2015
		<i>(in million Baht)</i>			
<b><i>Dividend income</i></b>					
Related parties	5	<u>3.23</u>	<u>1.99</u>	<u>864.26</u>	<u>2,183.12</u>
		<b><u>3.23</u></b>	<b><u>1.99</u></b>	<b><u>864.26</u></b>	<b><u>2,183.12</u></b>
Other investment income		<u>187.31</u>	<u>246.51</u>	<u>482.23</u>	<u>433.66</u>
<b>Total</b>		<b><u>190.54</u></b>	<b><u>248.50</u></b>	<b><u>1,346.49</u></b>	<b><u>2,616.78</u></b>

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
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**27 Other income**

	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
Fee for land utilisation and management fee for NGV service station	66.78	88.87	59.79	82.13
Income from insurance compensation	-	75.64	-	75.64
Gain on disposal of investment in subsidiaries	29.47	-	29.47	173.65
Management service fee for subsidiaries	-	-	69.47	32.63
Others	240.33	129.88	148.76	80.09
<b>Total</b>	<b><u>336.58</u></b>	<b><u>294.39</u></b>	<b><u>307.49</u></b>	<b><u>444.14</u></b>

**28 Selling expenses**

	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
Personnel	1,015.37	964.38	466.92	434.72
Advertising	437.45	312.54	341.40	216.00
Depreciation and amortisation	572.84	509.99	562.32	501.14
Distribution	248.96	256.86	248.59	256.86
Rental	195.23	160.82	189.60	160.82
Others	1,316.07	1,010.49	909.01	763.43
<b>Total</b>	<b><u>3,785.92</u></b>	<b><u>3,215.08</u></b>	<b><u>2,717.84</u></b>	<b><u>2,332.97</u></b>

**29 Administrative expenses**

	<b>Consolidated</b>		<b>Separate</b>	
	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>	<b>financial statements</b>
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
Personnel	1,150.91	809.93	636.69	568.83
Advertising	159.92	169.17	131.29	165.18
Depreciation and amortisation	195.53	128.25	138.69	116.30
Professional and consultant fees	480.45	268.55	177.40	193.85
Others	416.02	584.42	397.33	472.65
<b>Total</b>	<b><u>2,402.83</u></b>	<b><u>1,960.32</u></b>	<b><u>1,481.40</u></b>	<b><u>1,516.81</u></b>

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
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**30 Employee benefit expenses**

	<i>Note</i>	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
		2016	2015	2016	2015
		<i>(in million Baht)</i>			
<b><i>Management</i></b>					
Wages and salaries		170.33	108.83	94.46	85.69
Contribution to provident funds		5.08	7.55	4.21	6.02
Pension		8.59	11.78	7.31	11.78
Others		43.46	47.25	31.73	45.94
	5	<u>227.46</u>	<u>175.41</u>	<u>137.71</u>	<u>149.43</u>
<b><i>Other employees</i></b>					
Wages and salaries		1,800.04	1,483.69	934.97	800.80
Contribution to provident funds		97.59	81.43	76.15	66.09
Pension		144.19	132.75	119.28	126.79
Others		634.54	546.32	452.68	436.17
		<u>2,676.36</u>	<u>2,244.19</u>	<u>1,583.08</u>	<u>1,429.85</u>
<b>Total</b>		<u>2,903.82</u>	<u>2,419.60</u>	<u>1,720.79</u>	<u>1,579.28</u>

*Defined contribution plans*

The defined contribution plans comprise provident funds established by the Group for its employees. Membership to the funds is on a voluntary basis. Contributions are made monthly by the employees at rates ranging from 5% to 10% of their basic salaries and by the Group at rates ranging from 5% to 10% of the employees' basic salaries. The provident funds are registered with the Ministry of Finance as juristic entities and are managed by licensed Fund Manager.

**The Bangkok Petroleum Public Company Limited and its Subsidiaries**  
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**31 Expenses by nature**

The statements of income include an analysis of expenses by function. Expenses by nature disclosed in accordance with the requirements of various TFRS were as follows:

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
<b><i>Included in cost of sales of goods:</i></b>				
Changes in inventories of finished goods and work in progress	(2,463.86)	2,014.02	(2,752.93)	2,068.28
Raw materials and consumables used	68,706.38	86,647.01	69,794.23	87,799.69
Tax expenses and oil fuel fund	26,520.22	26,099.92	26,520.22	26,099.92
Depreciation	3,906.44	4,006.57	2,495.21	2,760.71
Reversed of loss on decline in value of inventories	(109.77)	(881.65)	(104.95)	(887.30)
<b><i>Included in selling expenses:</i></b>				
Depreciation	408.88	354.35	398.36	345.53
<b><i>Included in administrative expenses:</i></b>				
Depreciation	146.00	104.71	91.82	80.16

**32 Finance costs**

	<i>Note</i>	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
		2016	2015	2016	2015
		<i>(in million Baht)</i>			
<b><i>Interest expense</i></b>					
Financial institutions		727.58	824.42	435.23	697.27
Debentures		762.03	735.73	762.03	735.73
<b>Total interest expense</b>		<b>1,489.61</b>	<b>1,560.15</b>	<b>1,197.26</b>	<b>1,433.00</b>
Amortisation of transaction costs capitalised		105.42	35.39	82.13	30.90
Others finance costs		11.41	66.99	3.46	26.79
<i>Less</i> Amount included in the cost of qualifying assets:					
- Property, plant and equipment under construction	14	(122.64)	(47.96)	(74.52)	(27.47)
<b>Net</b>		<b>1,483.80</b>	<b>1,614.57</b>	<b>1,208.33</b>	<b>1,463.22</b>

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**33 Income tax expense**

	Note	Consolidated financial statements		Separate financial statements	
		2016	2015	2016	2015
<b>Current tax expense</b>					
Current year		872.34	695.59	786.12	585.06
Under (over) provided in prior years		(76.01)	0.01	(76.01)	-
		<u>796.33</u>	<u>695.60</u>	<u>710.11</u>	<u>585.06</u>
<b>Deferred tax expense</b>					
Movements in temporary differences	17	(107.36)	(22.82)	58.18	150.67
		<u>(107.36)</u>	<u>(22.82)</u>	<u>58.18</u>	<u>150.67</u>
<b>Total</b>		<u>688.97</u>	<u>672.78</u>	<u>768.29</u>	<u>735.73</u>

**Reconciliation of effective tax rate**

	Consolidated financial statements			
	2016		2015	
	Rate (%)	(in million Baht)	Rate (%)	(in million Baht)
Profit before income tax expense		5,418.38		4,770.16
Income tax using the Thai corporation tax rate	20.00	1,083.68	20.00	954.03
Effect of difference tax rates in foreign jurisdictions		(40.62)		(23.73)
Income not subject to tax / Expenses that are deductible at a greater amount		(524.90)		(373.06)
Expenses not deductible / Other adjustments		182.86		169.13
Current year losses for which no deferred tax assets was recognised		103.05		13.64
Under (over) provided in prior years		(76.01)		0.01
Others		(39.09)		(67.24)
<b>Total</b>	<b>12.72</b>	<b>688.97</b>	<b>14.10</b>	<b>672.78</b>

**Reconciliation of effective tax rate**

	Separate financial statements			
	2016		2015	
	Rate (%)	(in million Baht)	Rate (%)	(in million Baht)
Profit before income tax expense		5,270.59		5,861.91
Income tax using the Thai corporation tax rate	20.00	1,054.12	20.00	1,172.38
Income not subject to tax / Expenses that are deductible at a greater amount		(200.18)		(495.09)
Expenses not deductible / Other adjustments		(9.64)		58.44
Under (over) provided in prior years		(76.01)		-
<b>Total</b>	<b>14.58</b>	<b>768.29</b>	<b>12.55</b>	<b>735.73</b>

**Income tax reduction**

Revenue Code Amendment Act No. 42 B.E. 2559 dated 3 March 2016 grants a reduction of the corporate income tax rate to 20% of net taxable profit for accounting periods which begin on or after 1 January 2016.

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**34 Promotional privileges**

By virtue of the provisions of the Industrial Investment Promotion Act of B.E. 2520, the Group has been granted privileges by the Board of Investment relating to Petroleum Refinery process, production of Biodiesel and production of electricity from solar cell. The privileges granted include:

*Production of Biodiesel and production of electricity from solar cell*

- (a) Exemption from payment of import duty on machinery approved by the Board;
- (b) Exemption from payment of income tax for certain operations for a period of eight years from the date on which the income is first derived from such operations.

*Production of Ethanol*

- (a) Exemption from payment of import duty on machinery approved by the Board;
- (b) Exemption from payment of income tax for certain operations for a period of six years from the date on which the income is first derived from such operations.

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

Summary of revenue from promoted and non-promoted businesses:

	<b>Consolidated financial statements</b>					
	2016			2015		
	Promoted businesses	Non-promoted businesses	Total	Promoted businesses	Non- promoted businesses	Total
	<i>(in million Baht)</i>					
Export sales	31.99	12,314.64	12,346.63	43.80	16,481.16	16,524.96
Local sales	7,678.94	158,912.92	166,591.86	6,672.84	159,798.67	166,471.51
Eliminations	-	-	(34,233.20)	-	-	(31,856.11)
<b>Total Revenue</b>	<b><u>7,710.93</u></b>	<b><u>171,227.56</u></b>	<b><u>144,705.29</u></b>	<b><u>6,716.64</u></b>	<b><u>176,279.83</u></b>	<b><u>151,140.36</u></b>

	<b>Separate financial statements</b>					
	2016			2015		
	Promoted businesses	Non-promoted businesses	Total	Promoted businesses	Non- promoted businesses	Total
	<i>(in million Baht)</i>					
Export sales	-	10,249.33	10,249.33	-	14,136.89	14,136.89
Local sales	-	126,814.95	126,814.95	734.08	129,475.19	130,209.27
<b>Total Revenue</b>	<b><u>-</u></b>	<b><u>137,064.28</u></b>	<b><u>137,064.28</u></b>	<b><u>734.08</u></b>	<b><u>143,612.08</u></b>	<b><u>144,346.16</u></b>

**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
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**35 Earnings per share**

*Basic earnings per share*

The calculation of basic earnings per share for the years ended 31 December 2016 and 2015 were based on the profit for the years attributable to ordinary shareholders of the Company and the number of ordinary shares outstanding during the years as follows:

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2016	2015 (Restated)	2016	2015
	<i>(in million Baht / million shares)</i>			
Profit attributable to ordinary shareholders of the Company (basic)	<u>4,773.38</u>	<u>4,150.76</u>	<u>4,502.30</u>	<u>5,126.19</u>
Number of ordinary shares outstanding	<u>1,376.92</u>	<u>1,376.92</u>	<u>1,376.92</u>	<u>1,376.92</u>
<b>Earnings per share (basic)</b> <i>(in Baht)</i>	<u><b>3.47</b></u>	<u><b>3.01</b></u>	<u><b>3.27</b></u>	<u><b>3.72</b></u>

**36 Dividends**

At the Board of Directors meeting of the Company held on 25 August 2016, the meeting approved the appropriation of interim dividend from retained earnings as of 30 June 2016 at Baht 0.8 per share, amounting to Baht 1,101.52 million. The dividend was paid to the shareholders on 20 September 2016.

At the Annual General Meeting of the Shareholders, held on 5 April 2016, the shareholders approved a full year performance of 2015 dividend payment at the rate of Baht 2.00 per share, totalling Baht 2,753.62 million, of which Baht 1.00 per share, totalling Baht 1,376.69 million was paid as an interim dividend for the first half year of 2015 on 9 September 2015. The remaining dividend was paid for the second half year of 2015 at the rate of Baht 1.00 per share, totalling Baht 1,376.90 million. The dividend was paid to the shareholders on 21 April 2016.

At the Board of Directors meeting of the Company held on 14 August 2015, the meeting approved the appropriation of interim dividend from retained earnings as of 30 June 2015 at Baht 1 per share, amounting to Baht 1,376.69 million. The dividend was paid to the shareholders on 9 September 2015.

At the Annual General Meeting of the Shareholders, held on 8 April 2015, the shareholders approved a full year performance of 2014 dividend payment at the rate of Baht 1.00 per share, totalling Baht 1,376.91 million, of which Baht 0.60 per share, totalling Baht 826.14 million was paid as an interim dividend for the first half year of 2014 on 19 September 2014. The remaining dividend was paid for the second half year of 2014 at the rate of Baht 0.40 per share, totalling Baht 550.77 million. The dividend was paid to the shareholders on 23 April 2015.



**The Bangchak Petroleum Public Company Limited and its Subsidiaries**  
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**37 Financial instruments**

*Financial risk management policies*

The Group is exposed to normal business risks from changes in market interest rates and currency exchange rates and from non-performance of contractual obligations by counterparties. The Group does not hold or issue derivative financial instruments for speculative or trading purposes.

Risk management is integral to the whole business of the Group. The Group has a system of controls in place to create an acceptable balance between the cost of risks occurring and the cost of managing the risks. The management continually monitors the Group's risk management process to ensure that an appropriate balance between risk and control is achieved.

*Capital management*

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

*Interest rate risk*

Interest rate risk is the risk that future movements in market interest rates will affect the results of the Group's operations and its cash flows because debt securities and loan interest rates are mainly floated. The Group is primarily exposed to interest rate risk from its borrowings (Note 19). The Group mitigates this risk by ensuring that the majority of its debt securities and borrowings are at fixed interest rates and uses derivative financial instruments, principally interest rate swaps, to manage exposure to fluctuations in interest rates on specific debt securities and borrowings.

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The effective interest rates of interest-bearing financial liabilities as at 31 December and the periods in which those liabilities mature or re-price were as follows:

	Effective interest rate (% per annual)	Consolidated financial statements				Total
		Within 1 year	After 1 year but within 5 years	After 5 years		
(in million Baht)						
<b>2016</b>						
<b>Current</b>						
Loans from Financial institutions	0.3 – 4.2	9,141.40	-	-	9,141.40	
Debenture	3.7	2,000.00	-	-	2,000.00	
<b>Non-current</b>						
Loans from Financial institutions	0.3 – 4.2	-	6,353.92	8,103.91	14,457.83	
Debenture	3.7 – 5.3	-	6,495.62	7,491.95	13,987.57	
<b>Total</b>		<b>11,141.40</b>	<b>12,849.54</b>	<b>15,595.86</b>	<b>39,586.80</b>	
<b>2015</b>						
<b>Current</b>						
Loans from Financial institutions	2.6 – 5.2	1,026.32	-	-	1,026.32	
<b>Non-current</b>						
Loans from Financial institutions	2.2 – 5.2	-	13,335.02	3,312.67	16,647.69	
Debenture	3.7 – 5.3	-	5,995.49	9,988.72	15,984.21	
<b>Total</b>		<b>1,026.32</b>	<b>19,330.51</b>	<b>13,301.39</b>	<b>33,658.22</b>	
	Effective interest rate (% per annual)	Separate financial statements				Total
		Within 1 year	After 1 year but within 5 years	After 5 years		
(in million Baht)						
<b>2016</b>						
<b>Current</b>						
Loans from Financial institutions	1.8 – 4.2	7,489.40	-	-	7,489.40	
Debenture	3.7	2,000.00	-	-	2,000.00	
<b>Non-current</b>						
Loans from Financial institutions	1.7 – 4.2	-	1,200.62	2,200.61	3,401.23	
Debenture	4.3 – 5.3	-	6,495.59	7,491.98	13,987.57	
<b>Total</b>		<b>9,489.40</b>	<b>7,696.21</b>	<b>9,692.59</b>	<b>26,878.20</b>	
<b>2015</b>						
<b>Current</b>						
Loans from Financial institutions	3.3 – 4.2	880.84	-	-	880.84	
<b>Non-current</b>						
Loans from Financial institutions	2.2 – 4.2	-	11,710.46	2,340.77	14,051.23	
Debenture	3.7 – 5.3	-	5,995.48	9,988.73	15,984.21	
<b>Total</b>		<b>880.84</b>	<b>17,705.94</b>	<b>12,329.50</b>	<b>30,916.28</b>	

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***Foreign currency risk***

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

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

		<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	<i>Note</i>	2016	2015	2016	2015
		<i>(in million Baht)</i>			
<b>USD and others</b>					
Cash and cash equivalents	6	2,909.95	942.72	627.38	98.10
Trade accounts receivable	8	1,315.53	1,098.00	988.38	898.45
Receivable from oil hedging contracts		9.79	33.71	9.79	7.70
Trade accounts payable	20	(1,090.54)	308.61	(306.71)	-
Other current liabilities		(112.59)	(9.62)	(100.24)	(9.62)
Short term loans	19	(7,189.25)	-	(7,189.25)	-
Long term loans	19	(4,264.04)	(7,200.63)	-	(7,200.63)
<b>Gross statement of financial position exposure</b>		<b><u>(8,421.15)</u></b>	<b><u>(5,444.43)</u></b>	<b><u>(5,970.58)</u></b>	<b><u>(6,206.00)</u></b>
<b>Currency forwards</b>		<b><u>(535.76)</u></b>	<b><u>(1,109.05)</u></b>	<b><u>(535.76)</u></b>	<b><u>(1,109.05)</u></b>

***Credit risk***

Credit risk is the potential financial loss resulting from the failure of a customer or counterparty to settle its financial and contractual obligations to the Group as and when they fall due.

Management has a credit policy in place and the exposure to credit risk is monitored on an ongoing basis. Credit evaluations are performed on all customers requiring credit over a certain amount. At the reporting date there were no significant concentrations of credit risk. The maximum exposure to credit risk is represented by the carrying amount of each financial asset in the balance sheet. However, due to the large number of parties comprising the Group's customer base, Management does not anticipate material losses from its debt collection.

***Liquidity risk***

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

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*Fair values of financial assets and liabilities*

As at 31 December 2016 and 2015, fair value of financial assets and liabilities is taken to approximately the carrying value, except the following items;

	<b>Consolidated financial statements</b>						
	Carrying value			Fair value			
	Current	Non-current	Total	Level 1	Level 2	Level 3	Total
	<i>( in million Baht )</i>						
<b>31 December 2016</b>							
<b>Financial assets</b>							
Equity securities available for sale	-	429.19	429.19	429.19	-	-	429.19
Cross currency and interest rate swap contracts	-	-	-	-	43.04	-	43.04
Crude and product oil price hedging contracts	-	-	-	-	35.56	-	35.56
<b>Financial liabilities</b>							
Debentures	2,000.00	13,987.57	15,987.57	-	17,117.54	-	17,117.54
Long-term loans (fixed rate)	300.15	2,401.23	2,701.38	-	2,762.67	-	2,762.67
Forward exchange contracts	65.59	-	65.59	-	57.64	-	57.64
Cross currency and interest rate swap contracts	-	-	-	-	219.54	-	219.54
Crude and product oil price hedging contracts	-	-	-	-	290.42	-	290.42
	Carrying value			Fair value			
	Current	Non-current	Total	Level 1	Level 2	Level 3	Total
	<i>( in million Baht )</i>						
<b>31 December 2016</b>							
<b>Financial assets</b>							
Crude and product oil price hedging contracts	-	-	-	-	35.56	-	35.56
<b>Financial liabilities</b>							
Debentures	2,000.00	13,987.57	15,987.57	-	17,117.54	-	17,117.54
Long-term loans (fixed rate)	300.15	2,401.23	2,701.38	-	2,762.67	-	2,762.67
Forward exchange contracts	65.59	-	65.59	-	57.64	-	57.64
Cross currency and interest rate swap contracts	-	-	-	-	42.59	-	42.59
Crude and product oil price hedging contracts	-	-	-	-	290.42	-	290.42

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	<b>Consolidated financial statements</b>						
	Carrying value			Fair value			
	Current	Non-current	Total	Level 1	Level 2	Level 3	Total
	<i>( in million Baht )</i>						
<b>31 December 2015</b>							
<b><i>Financial assets</i></b>							
Equity securities available for sale	-	192.04	192.04	192.04	-	-	192.04
Cross currency and interest rate swap contracts	-	-	-	-	40.12	-	40.12
<b><i>Financial liabilities</i></b>							
Debentures	-	15,984.21	15,984.21	-	17,296.84	-	17,296.84
Long-term loans (fixed rate)	300.15	2,701.38	3,001.53	-	3,059.57	-	3,059.57
Forward exchange contracts	100.20	-	100.20	-	93.52	-	93.52
Cross currency and interest rate swap contracts	-	-	-	-	82.94	-	82.94
Crude and product oil price hedging contracts	-	-	-	-	249.32	-	249.32

	<b>Separate financial statements</b>						
	Carrying value			Fair value			
	Current	Non-current	Total	Level 1	Level 2	Level 3	Total
	<i>( in million Baht )</i>						
<b>31 December 2015</b>							
<b><i>Financial assets</i></b>							
Crude and product oil price hedging contracts	-	-	-	-	443.55	-	443.55
<b><i>Financial liabilities</i></b>							
Debentures	-	15,984.21	15,984.21	-	17,296.84	-	17,296.84
Long-term loans (fixed rate)	300.15	2,701.38	3,001.53	-	3,059.57	-	3,059.57
Forward exchange contracts	100.20	-	100.20	-	93.52	-	93.52
Cross currency and interest rate swap contracts	-	-	-	-	82.94	-	82.94
Crude and product oil price hedging contracts	-	-	-	-	692.87	-	692.87

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Level 2 fair values for simple over-the-counter derivative financial instruments are based on broker quotes. Those quotes are tested for reasonableness by discounting expected future cash flows using market interest rate for a similar instrument at the measurement date. Fair values reflect the credit risk of the instrument and include adjustments to take account of the credit risk of the Group and counterparty when appropriate.

**38 Commitments with non-related parties**

	<b>Consolidated financial statements</b>		<b>Separate financial statements</b>	
	2016	2015	2016	2015
	<i>(in million Baht)</i>			
<b>Capital commitment</b>				
Construction projects	1,828.16	882.00	47.07	18.84
<b>Total</b>	<b>1,828.16</b>	<b>882.00</b>	<b>47.07</b>	<b>18.84</b>
<b>Non-cancellable operating lease commitments</b>				
Within one year	2,112.34	2,148.92	504.43	523.29
After one year but within five years	2,230.84	4,140.92	1,907.30	2,176.96
After five years	2,780.40	2,051.57	2,736.04	2,051.57
<b>Total</b>	<b>7,123.58</b>	<b>8,341.41</b>	<b>5,147.77</b>	<b>4,751.82</b>
<b>Other commitment</b>				
Bank guarantees	660.21	1,018.25	623.52	1,016.55
<b>Total</b>	<b>660.21</b>	<b>1,018.25</b>	<b>623.52</b>	<b>1,016.55</b>

The Company entered into 12.56 million barrels oil price hedging contracts with foreign oil traders for the periods between January 2017 and December 2018.

The Company entered into foreign currency selling forward contracts cover the period to December 2018 amounting to USD 28.20 million equivalents to Baht 950.93 million.

The Company entered into foreign currency buying forward contracts cover the period to June 2017 amounting to USD 11.61 million equivalents to Baht 415.17 million.

The Company entered into an interest rate swap contract for the following loan agreements by swap from float rate to fixed rate as stipulated in the agreements. The details are as follows:

Facility <i>(in million Baht)</i>	Due date
1,000	30 December 2018

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**39 Contingent liabilities and contingent assets**

The Company (the fifth defendant) was co-accused with the Ministry of Finance (the first defendant) for alleged land right transgression and a demand for Baht 1,055 million in compensation. The land in question is located at the pier of the Refinery that the Company lodged against the Ministry of Finance. On 3 June 2009, the Appeal court upheld the civil court verdict to dismiss the case. This was re-appealed with the Supreme Court and currently under petition to Supreme Court.

The Company has utilized the tax privilege on the allowance for corporate income tax calculation for its 2006 tax payment which was in accordance with the announcement of the Director General of the Revenue Department regarding the corporate income tax (No. 156) "Criteria, procedures and conditions for the exemption of corporate income tax for the companies that registered its shares in the Stock Exchange of Thailand according to the Securities and Exchange Acts for payments of investment or extension, modification, addition or improvement of assets but not the repair of assets according to Section 65 Tri (5) of the Revenue Codes" and change in inventory costing method from first in first out to weighted average cost which was approved by The Revenue Department. The Revenue Department has examined and assessed the additional income tax payment totaling Baht 50 million that had previously been submitted by the Company and filed for appeal. Subsequently on 20 July 2011, the Revenue Department issued its verdict ruling to dismiss the return of the tax payment. The Company has submitted a petition to the Central Tax Court to revoke the Revenue Department's ruling and the Central Tax Court ruled in favour of the Company. Subsequently, the Revenue Department re-appealed to The Supreme Court and the matter is currently under the Supreme Court's proceeding.

During the second quarter of 2016, the Company (the first defendant) was co-accused with another company (the second defendant) for alleged breach of a lubricant product distribution contract for a claim totalling Baht 45.64 million. Subsequently, the plaintiff filed additional claim against the Company for alleged breach of a contract as a result of ceasing lubricant product distribution for a claim totalling Baht 688.28 million. Currently, both cases are under consideration of the civil court. The Company confirmed that it has correctly complied with the conditions.

**40 Events after the reporting period**

At the Board of Directors' meeting held on 16 February 2017, the Board approved to submit for approval at the Annual General Meeting of the Shareholders, a full year 2016 dividend payment at the rate of Baht 1.8 per share, of which Baht 0.8 per share was paid as an interim dividend on 20 September 2016 as disclosed in note 36. Thus, the remaining dividend will be at the rate of Baht 1.0 per share payable to the shareholders entitled to receive dividends. This dividend is subject to the approval of the Shareholders at the Annual General Meeting to be held on 5 April 2017.

At the Board of Directors' meeting held on 17 January 2017, the Board approved the additional investment by BCP Innovation Pte. Ltd. (subsidiary of the Company) in Lithium Americas Corp., a listed company in the stock exchange of Canada, which is developing Lithium mining projects. The subsidiary will purchase 50 million shares of Lithium Americas Corp. at the price of CAD 0.85 per share, the total investment value is CAD 42.50 million.

On 25 February 2017, the company within NIDO Petroleum Ltd. Group, an indirect subsidiary of the Company, signed a binding rig contract with Golden Close Maritime Corp. Ltd to drill petroleum well in Philippines

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On 27 January 2017, BCPG Public Company Limited (subsidiary of the company) has signed a Term Sheet with CAIF III Pte. Ltd. to acquire the entire interest in CapAsia ASEAN Wind Holdings Cooperatief U.A., holding Company in Netherlands holding 40% equity in PetroWind Energy Inc. (“PWEL”) which incorporated in the Philippines and operating wind power project with 36 Megawatts wind power project and a development of 14 Megawatts wind power project which located in Nabas, the Philippines. The transaction is subject to the signing of Share Purchase Agreement and the completion of the conditions precedence under the agreement, including the approval from relevant Government agencies.

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

A number of new and revised TFRS have been issued but are not yet effective and have not been applied in preparing these financial statements. Those new and revised TFRS that may be relevant to the Group’s operations, which become effective for annual financial periods beginning on or after 1 January 2017, are set out below. The Group does not plan to adopt these TFRS early.

<b>TFRS</b>	<b>Topic</b>
TAS 1 (revised 2016)	Presentation of Financial Statements
TAS 2 (revised 2016)	Inventories
TAS 7 (revised 2016)	Statement of Cash Flows
TAS 8 (revised 2016)	Accounting Policies, Changes in Accounting Estimates and Errors
TAS 10 (revised 2016)	Events after the Reporting Period
TAS 12 (revised 2016)	Income Taxes
TAS 16 (revised 2016)	Property, Plant and Equipment
TAS 17 (revised 2016)	Leases
TAS 18 (revised 2016)	Revenue
TAS 19 (revised 2016)	Employee Benefits
TAS 21 (revised 2016)	The Effects of Changes in Foreign Exchange Rates
TAS 23 (revised 2016)	Borrowing Costs
TAS 24 (revised 2016)	Related Party Disclosures
TAS 26 (revised 2016)	Accounting and Reporting by Retirement Benefit Plans
TAS 27 (revised 2016)	Separate Financial Statements
TAS 28 (revised 2016)	Investments in Associates and Joint Ventures
TAS 33 (revised 2016)	Earnings per Share
TAS 34 (revised 2016)	Interim Financial Reporting
TAS 36 (revised 2016)	Impairment of Assets
TAS 37 (revised 2016)	Provisions, Contingent Liabilities and Contingent Assets
TAS 38 (revised 2016)	Intangible Assets
TAS 40 (revised 2016)	Investment Property
TAS 104 (revised 2016)	Troubled Debt Restructuring
TAS 105 (revised 2016)	Accounting for Investments in Debt and Equity Securities
TAS 107 (revised 2016)	Financial Instruments: Disclosure and Presentation
TFRS 2 (revised 2016)	Share-based Payment
TFRS 3 (revised 2016)	Business Combinations
TFRS 5 (revised 2016)	Non-current Assets Held for Sale and Discontinued Operations
TFRS 6 (revised 2016)	Exploration for and Evaluation of Mineral Resources
TFRS 8 (revised 2016)	Operating Segments
TFRS 10 (revised 2016)	Consolidated Financial Statements
TFRS 12 (revised 2016)	Disclosure of Interests in Other Entities
TFRS 13 (revised 2016)	Fair Value Measurement
TSIC 15 (revised 2016)	Operating Leases – Incentives



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TFRS	Topic
TSIC 27 (revised 2016) TFRIC 1 (revised 2016)	Evaluating the Substance of Transactions in the Legal Form of a Lease Changes in Existing Decommissioning, Restoration and Similar Liabilities
TFRIC 10 (revised 2016)	Interim Financial Reporting and Impairment
TFRIC 13 (revised 2016)	Customer Loyalty Programmes
TFRIC 21 (revised 2016)	Levies
FAP Announcement no. 5/2559	Accounting guidance for derecognition of financial assets and financial liabilities

The Group has made a preliminary assessment of the potential initial impact on the consolidated and separate financial statements of these new and revised TFRS and expects that there will be no material impact on the financial statements in the period of initial application.