

**AUDITOR'S INTERIM FINANCIAL INFORMATION REVIEW REPORT
AND FINANCIAL STATEMENTS
OF
PTT PUBLIC COMPANY LIMITED AND ITS SUBSIDIARIES
FOR THE THREE-MONTH AND SIX-MONTH PERIODS ENDED JUNE 30, 2016**

PTT PUBLIC COMPANY LIMITED AND ITS SUBSIDIARIES
NOTES TO INTERIM FINANCIAL STATEMENTS
FOR THE THREE-MONTH AND SIX-MONTH PERIODS ENDED JUNE 30, 2016
(UNAUDITED BUT REVIEWED)

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PTT PUBLIC COMPANY LIMITED AND ITS SUBSIDIARIES
NOTES TO INTERIM FINANCIAL STATEMENTS
FOR THE THREE-MONTH AND SIX-MONTH PERIODS ENDED JUNE 30, 2016
(UNAUDITED BUT REVIEWED)

1. General Information

PTT Public Company Limited (the Company) is incorporated as a public limited company in Thailand, and is listed on the Stock Exchange of Thailand. The address of its incorporated and registered office is as follows:

The Head Office of the Company is located at 555 Vibhavadi-Rangsit Road, Chatuchak, Bangkok, Thailand.

The Company's principal activity is the operation of its petroleum business. The Company has invested in subsidiaries, joint arrangements and associates (the Group), which are engaged in upstream petroleum and natural gas, downstream petroleum, coal and other related businesses as described in Note 25 Operating Segments.

2. Basis of Interim Financial Statements Preparation

2.1 Purpose of the Interim Financial Statements

These interim financial statements are prepared in order to provide additional information other than that included in the latest annual financial statements. Accordingly, these interim financial statements focus on the reporting of new activities, events and circumstances so as not to repeat information previously reported. These interim financial statements should therefore be read in conjunction with the latest annual financial statements.

2.2 Basis of Interim Financial Statement Preparation

These interim financial statements are prepared in accordance with Thai Accounting Standard No. 34 (revised 2015) "Interim Financial Reporting", and with generally accepted accounting principles under the Accounting Act, B.E. 2543. These are Thai Accounting Standards under the Accounting Profession Act, B.E. 2547, including interpretations and guidelines promulgated by the Federation of Accounting Profession, and applicable rules and regulations of the Securities and Exchange Commission under the Securities and Exchange Act, B.E. 2535. The content of the interim financial statements comprises the statements of financial position, statements of income, statements of comprehensive income, statements of changes in equity and statements of cash flows in the same format as that used for the annual financial statements and condensed notes.

This English translation of the financial statements has been prepared from the statutory financial statements that were issued in Thai language. In the event of a conflict or a difference in interpretation between the two languages, the Thai language statutory financial statements shall prevail.

3. Accounting Policies

3.1 Accounting Policies

In preparing the interim financial statements, the same accounting policies and computation methods used in the financial statements for the year ended December 31, 2015 are applied, except the new and revised Thai Accounting Standards, Thai Financial Reporting Standards, Thai Standing Interpretations and Thai Financial Reporting Interpretations, which are effective for accounting periods beginning on or after January 1, 2016. Such application has no any significant impact on the consolidated and the separate financial statements.

3.2 Reclassification

For the year ended December 31, 2015, the Group changed its presentation of revenues from sales and petroleum royalties under the Production Sharing Contract by offsetting sales with related petroleum royalties. However, this reclassification has no effect to the Group's net profit as stated in the interim financial statements.

The Group has reclassified the comparative financial information for the three-month and six-month periods ended June 30, 2015. The impacts to the consolidated financial information are as follows:

	Unit: Million Baht Consolidated financial statements <u>Decrease</u>
Statements of income/comprehensive income for the three-month period ended June 30, 2015	
- Total income	532.57
- Cost of sales and total expenses	532.57
Statements of income/comprehensive income for the six-month period ended June 30, 2015	
- Total income	905.43
- Cost of sales and total expenses	905.43

4. Cash and Cash Equivalents

Cash and cash equivalents as at June 30, 2016 and December 31, 2015 are as follows:

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
Cash on hand	92.79	136.42	56.26	51.60
Call deposits held at banks	93,269.15	129,806.00	23,514.16	38,762.90
Fixed deposits	61,324.08	82,687.37	7,955.58	8,738.15
Treasury bills	6,290.76	774.47	-	499.46
Promissory notes	19,790.87	6,865.73	-	-
Bank of Thailand bonds	17,795.46	19,472.47	17,795.46	19,472.47
Restricted bank deposits within 3 months	223.23	235.49	-	-
Total	198,786.34	239,977.95	49,321.46	67,524.58

Call deposits held at banks, fixed deposits, treasury bills, promissory notes, Bank of Thailand bonds, and restricted bank deposits within 3 months as at June 30, 2016 bear the interest at rates ranging from 0.10% to 13.05% per annum (December 31, 2015: interest rates range from 0.01% to 13.00% per annum).

5. Trade Accounts Receivable

Trade accounts receivable as at June 30, 2016 and December 31, 2015 are as follows:

	Unit: Million Baht			
	Consolidated		Separate	
	financial statements		financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
Trade accounts receivable - others	120,742.58	137,721.74	63,190.15	76,382.53
<u>Less Allowance for doubtful accounts</u>	<u>(2,439.88)</u>	<u>(3,499.35)</u>	<u>(2,106.02)</u>	<u>(2,135.07)</u>
Trade accounts receivable - others	118,302.70	134,222.39	61,084.13	74,247.46
Trade accounts receivable - related parties	6,613.98	8,045.18	42,486.64	51,277.12
<u>Less Allowance for doubtful accounts</u>	<u>(284.50)</u>	<u>(288.79)</u>	<u>(284.50)</u>	<u>(288.79)</u>
Trade accounts receivable - related parties (Note 8.1)	6,329.48	7,756.39	42,202.14	50,988.33
Total	<u>124,632.18</u>	<u>141,978.78</u>	<u>103,286.27</u>	<u>125,235.79</u>

Aging analysis is as follows:

	Unit: Million Baht			
	Consolidated		Separate	
	financial statements		financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
Within credit terms	120,964.85	136,308.90	101,276.98	121,407.63
Overdue				
- Within 3 months	2,065.18	4,425.61	672.06	2,698.32
- Over 3 - 6 months	473.69	850.05	364.20	729.97
- Over 6 - 12 months	977.68	352.80	890.69	322.60
- Over 12 months	2,875.16	3,829.56	2,472.86	2,501.13
	127,356.56	145,766.92	105,676.79	127,659.65
<u>Less Allowance for doubtful accounts</u>	<u>(2,724.38)</u>	<u>(3,788.14)</u>	<u>(2,390.52)</u>	<u>(2,423.86)</u>
Total	<u>124,632.18</u>	<u>141,978.78</u>	<u>103,286.27</u>	<u>125,235.79</u>

Trade accounts receivable - others as at June 30, 2016 include receivables from government agencies and state enterprises in the consolidated financial statements amounting to Baht 12,901.70 million (December 31, 2015: Baht 14,477.70 million), and in the separate financial statements amounting to Baht 12,721.56 million (December 31, 2015: Baht 14,214.00 million).

6. Other Accounts Receivable

Other accounts receivable as at June 30, 2016 and December 31, 2015 are as follows:

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
Other accounts receivable	20,580.09	26,083.41	5,214.81	7,267.29
<u>Less Allowance for doubtful accounts</u>	<u>(284.39)</u>	<u>(184.92)</u>	<u>(259.29)</u>	<u>(247.47)</u>
Other accounts receivable	20,295.70	25,898.49	4,955.52	7,019.82
Refund receivable from the Oil Stabilization Fund	6,491.95	5,635.51	6,266.07	5,471.65
Advances	11,959.86	18,331.61	802.52	498.03
Other accounts receivable – others	38,747.51	49,865.61	12,024.11	12,989.50
Other accounts receivable - related parties (Note 8.2)	1,682.28	3,639.66	1,715.44	3,145.01
Total	<u>40,429.79</u>	<u>53,505.27</u>	<u>13,739.55</u>	<u>16,134.51</u>

The refund receivable from the Oil Stabilization Fund mostly comprises compensation for locally manufactured oil and liquefied petroleum gas (LPG), or imported liquefied petroleum gas (LPG) for locally used, as well as compensation for Natural Gas for Vehicles (NGV) prices. The compensation rates are determined by the Committee of Energy Policy Administration.

7. Loans

7.1 Short-term loans as at June 30, 2016 and December 31, 2015 are as follows:

	Unit: Million Baht			
	Consolidated		Separate	
	financial statements		financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
Current portion of financial lease receivable - others	484.73	532.56	-	-
Current portion of financial lease receivable - related parties (Note 8.2)	3.59	3.53	-	-
Short-term loans - related parties (Note 8.2)	442.71	438.89	6,972.04	6,398.23
Total	931.03	974.98	6,972.04	6,398.23

7.2 Long-term loans as at June 30, 2016 and December 31, 2015 are as follows:

	Unit: Million Baht			
	Consolidated		Separate	
	financial statements		financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
Long-term financial lease receivable - others	6,187.57	6,396.08	-	-
Long-term financial lease receivable - related parties (Note 8.3)	62.31	64.13	-	-
Long-term loans - others	721.35	741.53	-	-
Long-term loans - related parties	5,325.57	3,343.97	82,955.53	82,855.84
<u>Less Allowance for doubtful accounts</u>	-	-	(48,486.91)	(49,742.26)
Long-term loans - related parties (Note 8.3)	5,325.57	3,343.97	34,468.62	33,113.58
Total	12,296.80	10,545.71	34,468.62	33,113.58

8. Related Party Transactions

The followings are significant transactions carried out with related parties:

8.1 Trade accounts receivable - related parties as at June 30, 2016 and December 31, 2015

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
Subsidiaries	-	-	37,900.55	45,266.64
Joint ventures	2,368.15	3,869.48	1,028.56	2,697.65
Associates	1,135.30	1,318.30	447.13	466.00
Other related parties	3,110.53	2,857.40	3,110.40	2,846.83
Total	6,613.98	8,045.18	42,486.64	51,277.12
<u>Less Allowance for doubtful accounts</u>	(284.50)	(288.79)	(284.50)	(288.79)
Trade accounts receivable - related parties (Note 5)	<u>6,329.48</u>	<u>7,756.39</u>	<u>42,202.14</u>	<u>50,988.33</u>

Aging analysis is as follows:

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
Within credit terms	6,011.25	7,362.06	42,085.40	50,345.70
Overdue				
- Within 3 months	306.44	380.69	115.03	641.21
- Over 3 - 6 months	9.90	13.40	-	1.21
- Over 6 - 12 months	1.35	57.27	1.34	57.27
- Over 12 months	285.04	231.76	284.87	231.73
Total	6,613.98	8,045.18	42,486.64	51,277.12
<u>Less Allowance for doubtful accounts</u>	(284.50)	(288.79)	(284.50)	(288.79)
Trade accounts receivable - related parties	<u>6,329.48</u>	<u>7,756.39</u>	<u>42,202.14</u>	<u>50,988.33</u>

8. Related Party Transactions (Continued)

8.2 Other accounts receivable, advances and short-term loans - related parties as at June 30, 2016 and December 31, 2015

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
<u>Other accounts receivable</u>				
Subsidiaries	-	-	3,638.55	3,257.25
Joint ventures	154.92	132.45	78.30	25.75
Associates	697.19	1,476.69	410.89	1,295.94
Other related parties	432.81	1,459.65	4.11	2.59
	1,284.92	3,068.79	4,131.85	4,581.53
<u>Less Allowance for doubtful accounts</u>	(60.43)	(64.99)	(2,714.59)	(2,011.82)
Total	1,224.49	3,003.80	1,417.26	2,569.71
<u>Advances</u>				
Subsidiaries	-	-	84.30	64.33
Joint ventures	60.00	60.00	60.00	60.00
Associates	200.37	-	-	-
Other related parties	197.42	575.86	153.88	450.97
Total	457.79	635.86	298.18	575.30
Total other accounts receivable (Note 6)	1,682.28	3,639.66	1,715.44	3,145.01

8. Related Party Transactions (Continued)

8.2 Other accounts receivable, advances and short-term loans - related parties as at June 30, 2016 and December 31, 2015 (Continued)

	Unit: Million Baht			
	Consolidated		Separate	
	financial statements	financial statements	financial statements	financial statements
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
<u>Current portion of financial lease receivable</u>				
Joint ventures (Note 7.1)	3.59	3.53	-	-
<u>Short-term loans</u>				
Subsidiaries	-	-	6,972.04	6,398.23
Joint ventures	352.71	348.89	-	-
Associates	90.00	90.00	-	-
Total (Note 7.1)	442.71	438.89	6,972.04	6,398.23

Movements in short-term loans - related parties are as follows:

	Unit: Million Baht			
	Consolidated		Separate	
	financial statements	financial statements	financial statements	financial statements
	2016	2015	2016	2015
Balance as at January 1	438.89	313.29	6,398.23	8,855.16
- Payment for loans granted	12.70	95.35	164.93	13,568.70
- Receipt from loans granted	-	-	(235.37)	(81.94)
- Gain (loss) on exchange rate	-	-	(63.10)	136.91
- Currency translation differences	(8.88)	7.90	-	-
Balance as at June 30	442.71	416.54	6,264.69	22,478.83
<u>Add Current portion of long-term loans</u> (Note 8.3)	-	-	707.35	153.00
Balance as at June 30 – net	442.71	416.54	6,972.04	22,631.83

Short-term loans - related parties as at June 30, 2016 in the consolidated financial statements bear the interest at rates ranging from 2.39% to 6.50% per annum (December 31, 2015: interest rates range from 3.50% to 4.20% per annum), and in the separate financial statements bear the interest at rates ranging from 2.39% to 4.50% per annum (December 31, 2015: interest rates range from 1.98% to 4.50% per annum).

8. Related Party Transactions (Continued)

8.3 Other accounts receivable, advances and long-term loans - related parties as at June 30, 2016 and December 31, 2015

	Unit: Million Baht			
	Consolidated		Separate	
	financial statements		financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
<u>Long-term other accounts receivable</u>				
Subsidiaries	-	-	3,449.00	3,538.31
Joint ventures	245.96	186.64	245.96	186.64
Total	245.96	186.64	3,694.96	3,724.95
<u>Long-term advances</u>				
Subsidiaries	-	-	152.35	156.19
Total long-term other accounts receivable	245.96	186.64	3,847.31	3,881.14
<u>Long-term financial lease receivable</u>				
Joint ventures (Note 7.2)	62.31	64.13	-	-
<u>Long-term loans</u>				
Subsidiaries	-	-	77,664.28	79,547.08
Joint ventures	5,291.25	3,308.76	5,291.25	3,308.76
Associates	34.32	35.21	-	-
Total	5,325.57	3,343.97	82,955.53	82,855.84
<u>Less Allowance for doubtful accounts*</u>	-	-	(48,486.91)	(49,742.26)
Total long-term loans (Note 7.2)	5,325.57	3,343.97	34,468.62	33,113.58

* The Company recorded allowance for doubtful accounts as at June 30, 2016 amounting to Baht 48,486.91 million (December 31, 2015: Baht 49,742.26 million) for a long-term loan to a subsidiary. The subsidiary used this loan to invest in its foreign subsidiary and associate; both of which encountered operational problems. The Company therefore recognized allowance for doubtful accounts based on assessment of the recoverable amount of the long-term loan to the subsidiary.

8. Related Party Transactions (Continued)**8.3 Other accounts receivable, advances and long-term loans - related parties as at June 30, 2016 and December 31, 2015 (Continued)**

Details of finance lease receivable - related parties as at June 30, 2016 and December 31, 2015 are as follows:

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
Finance lease receivable				
- Within 1 year	6.00	6.00	-	-
- Over 1 year but not over 5 years	79.00	82.00	-	-
Future finance income	(19.10)	(20.34)	-	-
Total finance lease receivable	<u>65.90</u>	<u>67.66</u>	<u>-</u>	<u>-</u>

Movements in long-term loans to related parties are as follows:

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	2016	2015	2016	2015
Balance as at January 1	3,343.97	8,618.51	82,855.84	76,698.07
- Payment for loans granted	2,091.10	1.98	5,747.56	1,509.00
- Receipt from loans granted	-	(2,610.72)	(3,355.62)	(3,173.49)
- Gain (loss) on exchange rate	(108.61)	63.16	(1,584.90)	1,324.40
- Currency translation differences	(0.89)	0.54	-	-
Balance as at June 30	5,325.57	6,073.47	83,662.88	76,357.98
<u>Less</u> Current portion of long-term loans (Note 8.2)	-	-	(707.35)	(153.00)
<u>Less</u> Allowance for doubtful accounts	-	(1,225.46)	(48,486.91)	(16,921.08)
Balance as at June 30 - net	<u>5,325.57</u>	<u>4,848.01</u>	<u>34,468.62</u>	<u>59,283.90</u>

Long-term loans - related parties as at June 30, 2016 in the consolidated financial statements bear the interest at rates ranging from 2.60% to 2.88% per annum (December 31, 2015: interest rates is 2.61% per annum), and in the separate financial statements bear the interest at rates ranging from 2.39% to 4.50% per annum (December 31, 2015: interest rates range from 2.08% to 4.50% per annum).

8. Related Party Transactions (Continued)

8.4 Trade accounts payable - related parties as at June 30, 2016 and December 31, 2015

	Unit: Million Baht			
	Consolidated		Separate	
	financial statements		financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
Subsidiaries	-	-	29,087.21	36,269.51
Joint ventures	865.53	817.52	295.97	309.23
Associates	374.28	352.55	336.40	307.59
Other related parties	-	2.62	-	-
Total	1,239.81	1,172.69	29,719.58	36,886.33

8.5 Other accounts payable and short-term loans - related parties as at June 30, 2016 and December 31, 2015

	Unit: Million Baht			
	Consolidated		Separate	
	financial statements		financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
<u>Other accounts payable</u>				
Subsidiaries	-	-	2,669.77	4,742.13
Joint ventures	17.31	9.41	9.99	4.14
Associates	16.79	25.43	4.45	3.98
Other related parties	51.76	106.92	37.40	49.70
Total	85.86	141.76	2,721.61	4,799.95
<u>Current portion of financial lease liability</u>				
Joint venture	426.11	437.63	426.11	437.63
<u>Short-term loans*</u>				
Subsidiaries	-	-	1,116.50	1,864.27

* The Company has liquidity management policies within the Group include the use of the cash pooling method. Inter-company loans were used for short-term financial management of cash surpluses or deficits of each affiliate. The interests on these were calculated by using market interest rates.

8. Related Party Transactions (Continued)

8.6 Long-term other accounts payable - related parties as at June 30, 2016 and December 31, 2015

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
Subsidiaries	-	-	3,572.98	4,126.56
Joint ventures	9.89	10.25	9.89	10.25
Other related parties	511.41	527.31	511.41	527.31
Total	521.30	537.56	4,094.28	4,664.12

8.7 Long-term finance lease liability - related parties as at June 30, 2016 and December 31, 2015

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
Joint venture	5,271.10	5,635.57	5,271.10	5,635.57

Details of finance lease liability - related parties as at June 30, 2016 and December 31, 2015 are as follows:

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
Finance lease liability				
- Within 1 year	491.49	505.53	491.49	505.53
- Over 1 year but not over 5 years	1,967.31	2,017.97	1,967.31	2,017.97
- Over 5 years	3,690.89	4,035.94	3,690.89	4,035.94
Future finance charges	(452.48)	(486.24)	(452.48)	(486.24)
Total finance lease liability	5,697.21	6,073.20	5,697.21	6,073.20

8. Related Party Transactions (Continued)

8.8 Revenue and expense transactions carried out with related parties

For the three-month periods ended June 30, 2016 and 2015

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	2016	2015	2016	2015
Revenues				
<u>Sales and service income</u>				
Subsidiaries	-	-	117,265.08	169,955.54
Joint ventures	4,636.99	6,044.85	2,763.94	3,533.32
Associates	2,711.08	27,529.48	79.67	22,535.24
Other related parties	4,079.45	4,090.50	4,101.58	4,103.12
<u>Interest income</u>				
Subsidiaries	-	-	655.50	641.41
Joint ventures	37.24	18.11	36.62	20.40
Associates	1.88	6.52	-	5.58
<u>Dividend income</u>				
Subsidiaries	-	-	7,848.54	4,467.86
Joint ventures	-	-	890.18	953.10
Associates	-	-	1,095.44	1,055.02
Other related parties	80.00	70.00	80.00	70.00
<u>Other income</u>				
Subsidiaries	-	-	993.67	1,491.29
Joint ventures	50.83	17.88	32.67	29.38
Associates	13.15	8,511.35	9.49	8,386.61
Other related parties	14.47	457.19	9.03	1.32
Expenses				
<u>Cost of goods purchased and service</u>				
Subsidiaries	-	-	106,709.04	135,030.29
Joint ventures	1,454.98	2,041.99	428.22	366.71
Associates	884.02	23,481.85	977.70	17,855.82
Other related parties	529.67	676.53	112.71	120.52
<u>Interest expenses</u>				
Subsidiaries	-	-	7.68	11.72
Joint ventures	16.88	18.12	16.88	18.12
<u>Other expenses</u>				
Subsidiaries	-	-	523.52	701.07
Joint ventures	0.24	388.04	0.06	18.31
Associates	25.88	67.67	0.35	42.70
Other related parties	126.53	35.35	39.93	38.71

8. Related Party Transactions (Continued)

8.8 Revenue and expense transactions carried out with related parties (Continued)

For the six-month periods ended June 30, 2016 and 2015

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	2016	2015	2016	2015
Revenues				
<u>Sales and service income</u>				
Subsidiaries	-	-	229,922.85	303,288.65
Joint ventures	9,384.99	11,533.45	5,512.10	6,548.27
Associates	4,969.69	58,580.54	158.60	48,844.80
Other related parties	7,247.71	8,436.96	7,242.50	8,432.46
<u>Interest income</u>				
Subsidiaries	-	-	1,262.93	1,231.86
Joint ventures	60.57	33.94	59.32	33.94
Associates	1.88	24.25	-	22.38
<u>Dividend income</u>				
Subsidiaries	-	-	13,259.54	9,666.71
Joint ventures	-	-	945.25	1,115.80
Associates	-	-	1,095.44	1,055.02
Other related parties	260.00	70.00	80.00	70.00
<u>Other income</u>				
Subsidiaries	-	-	2,156.46	2,656.55
Joint ventures	90.32	91.57	59.91	63.15
Associates	21.92	9,089.14	14.84	8,915.59
Other related parties	40.11	467.48	27.55	7.29
Expenses				
<u>Cost of goods purchased and service</u>				
Subsidiaries	-	-	212,119.09	262,970.36
Joint ventures	3,757.26	4,228.24	869.05	614.20
Associates	1,994.02	48,902.64	1,948.09	37,607.57
Other related parties	1,088.27	1,115.35	225.42	241.03
<u>Interest expenses</u>				
Subsidiaries	-	-	15.00	25.70
Joint ventures	33.76	36.05	33.76	36.05
<u>Other expenses</u>				
Subsidiaries	-	-	1,589.06	1,904.41
Joint ventures	5.11	699.33	0.07	30.97
Associates	45.17	135.95	2.49	78.16
Other related parties	179.07	92.96	80.66	75.80

8. Related Party Transactions (Continued)

8.8 Revenue and expense transactions carried out with related parties (Continued)

The aforementioned related party transactions exclude transactions carried out with government agencies and state enterprises.

Stipulation prices between the Company and its related parties are based on normal prices for the same types of business transactions carried out with non-related parties. Goods purchased from subsidiaries are charged at the normal prices determined by the subsidiaries with reference to global market prices.

8.9 Details of commitments to subsidiaries, joint ventures, associates and other related parties are stated in Note 29.1.

8.10 Crude oil and refined product purchase and sale transactions carried out with related parties without physical delivery, with the objective of maintaining crude oil and refined product reserves, were reversed in the financial statements.

Details of these transactions for the three-month periods ended June 30, 2016 and 2015 are as follow:

	Consolidated		Unit: Million Baht	
	financial statements		Separate	
	2016	2015	2016	2015
<u>Sales</u>				
Subsidiaries	-	-	687.30	1,262.97
Associates	-	804.95	-	804.95
<u>Purchases</u>				
Subsidiaries	-	-	729.87	1,358.64
Associates	-	804.95	-	804.95

Details of these transactions for the six-month periods ended June 30, 2016 and 2015 are as follow:

	Consolidated		Unit: Million Baht	
	financial statements		Separate	
	2016	2015	2016	2015
<u>Sales</u>				
Subsidiaries	-	-	1,334.64	3,275.90
Associates	-	1,868.30	-	1,868.30
<u>Purchases</u>				
Subsidiaries	-	-	1,391.89	3,417.78
Associates	-	1,868.30	-	1,868.30

8. Related Party Transactions (Continued)

8.11 Executive remunerations

Details of remunerations for the three-month periods ended June 30, 2016 and 2015 are as follows:

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	2016	2015	2016	2015
<u>Directors remuneration</u>				
Meeting remuneration and bonuses	135.55	96.22	15.75	17.09
<u>Managements remuneration</u>				
Salaries, bonuses, and other employee benefits	268.66	246.47	17.90	20.40
Post-employment benefits	2.65	0.74	0.25	0.56
Total	<u>406.86</u>	<u>343.43</u>	<u>33.90</u>	<u>38.05</u>

Details of remunerations for the six-month periods ended June 30, 2016 and 2015 are as follows:

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	2016	2015	2016	2015
<u>Directors remuneration</u>				
Meeting remuneration and bonuses	200.13	174.66	21.81	31.32
<u>Managements remuneration</u>				
Salaries, bonuses, and other employee benefits	538.62	502.38	34.85	40.50
Post-employment benefits	5.07	1.49	0.50	1.13
Total	<u>743.82</u>	<u>678.53</u>	<u>57.16</u>	<u>72.95</u>

Managements are those persons who have authority and responsibility for planning, directing and controlling the activities of an entity, directly or indirectly.

9. Inventories

Inventories as at June 30, 2016 and December 31, 2015 are as follows:

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
Inventories	81,548.51	68,015.36	13,879.53	13,174.99
Inventories - legal reserves	17,748.35	16,069.90	4,444.33	3,992.17
Total	<u>99,296.86</u>	<u>84,085.26</u>	<u>18,323.86</u>	<u>17,167.16</u>

10. Investments in Subsidiaries, Joint Ventures and Associates

10.1 Details of subsidiaries, joint ventures and associates of the Company

Company	Country of Incorporation	Business	Ownership interest (%)	
			June 30, 2016	December 31, 2015
<u>Subsidiaries</u>				
PTT Exploration and Production Public Co., Ltd. (PTTEP)	Thailand	Petroleum exploration and production	65.29	65.29
PTT LNG Co., Ltd. (PTTLNG)	Thailand	Natural gas	100.00	100.00
PTT Natural Gas Distribution Co., Ltd. (PTTNGD)	Thailand	Natural gas	58.00	58.00
Energy Complex Co., Ltd. (EnCo) (The Group held 100% shareholding)	Thailand	Real estate development for rent	50.00	50.00
PTT Energy Solutions Co., Ltd. (PTTES) (The Group held 100% shareholding)	Thailand	Technical and operational services	40.00	40.00
PTT Maintenance & Engineering Co., Ltd. (PTTME) (The Group held 100% shareholding)	Thailand	Factory maintenance and engineering services	40.00	40.00
Global Power Synergy Public Co., Ltd. (GPSC) (The Group held 75% shareholding)	Thailand	Generation and supply of electricity, steam and water for industries	22.58	22.58
PTT (Cambodia) Limited (PTTCL)	Cambodia	Oil marketing	100.00	100.00
PTT Oil Myanmar Co., Ltd. (PTTOM)	Myanmar	Business services	100.00	100.00
PTT Retail Business Co., Ltd. (PTTRB)	Thailand	Management services and oil marketing	100.00	100.00
Subic Bay Energy Co., Ltd. (SBECL)*	Cayman Islands	Oil marketing	-	100.00
PTT Tank Terminal Co., Ltd. (PTT TANK)	Thailand	Terminal and warehouse	100.00	100.00
Thai Lube Blending Co., Ltd. (TLBC) (The Group held 100% shareholding)	Thailand	Blending and bottling of lube oil	48.95	48.95
PTT International Trading Pte. Ltd. (PTTT)	Singapore	International trading	100.00	100.00
PTT Polymer Logistics Co., Ltd. (PTTPL) (The Group held 100% shareholding)	Thailand	Logistics services	50.00	50.00
PTT PMMA Co., Ltd. (PTTPMMA)	Thailand	Manufacturing and distributing of Poly Methyl Methacrylate	100.00	100.00
PTT Polymer Marketing Co., Ltd. (PTTPM) (The Group held 100% shareholding)	Thailand	Petrochemicals marketing	50.00	50.00
PTT Global Chemical Public Co., Ltd. (PTTGC)	Thailand	Petrochemicals and refining	49.42	49.34
Thai Oil Public Co., Ltd. (TOP) (The Group held 49.93% shareholding)	Thailand	Oil refining	49.10	49.10

* On February 17, 2016, SBECL registered its dissolution.

10. Investments in Subsidiaries, Joint Ventures and Associates (Continued)

10.1 Details of subsidiaries, joint ventures and associates of the Company (Continued)

Company	Country of Incorporation	Business	Ownership interest (%)	
			June 30, 2016	December 31, 2015
<u>Subsidiaries (Continued)</u>				
IRPC Public Co., Ltd. (IRPC)	Thailand	Petrochemicals and refining	38.51	38.51
Thai Oil Power Co., Ltd. (TP) (The Group held 100% shareholding)	Thailand	Generation and supply of electricity and steam	26.00	26.00
PTT Energy Resources Co., Ltd. (PTTER)	Thailand	International investment	100.00	100.00
PTT Green Energy Pte. Ltd. (PTTGE)	Singapore	Investing in palm oil business	100.00	100.00
PTT Regional Treasury Center Pte. Ltd. (PTTRTC)	Singapore	Treasury services	100.00	100.00
Business Services Alliance Co., Ltd. (BSA)	Thailand	Management services	100.00	100.00
PTT ICT Solutions Co., Ltd. (PTTICT) (The Group held 100% shareholding)	Thailand	Information technology and communication services	20.00	20.00
<u>Joint Ventures</u>				
Trans Thai-Malaysia (Thailand) Co., Ltd. (TTM(T))	Thailand	Natural gas	50.00	50.00
Trans Thai-Malaysia (Malaysia) Sdn. Bhd. (TTM(M))	Malaysia	Natural gas	50.00	50.00
District Cooling System and Power Plant Co., Ltd. (DCAP)	Thailand	Generation and supply of electricity and chilled water	35.00	35.00
PTT MCC Biochem Co., Ltd. (PTTMCC)	Thailand	Petrochemicals	50.00	50.00
PTT Asahi Chemicals Co., Ltd. (PTTAC)	Thailand	Petrochemicals	48.50	48.50
HMC Polymers Co., Ltd. (HMC)	Thailand	Petrochemicals	41.44	41.44
<u>Associates</u>				
Thai Petroleum Pipeline Co., Ltd. (THAPPLINE) (The Group held 49.59% shareholding)	Thailand	Oil transmission pipelines	40.40	40.40
KELOIL-PTT LPG Sdn. Bhd. (KPL)	Malaysia	Bottling and sale of LPG	40.00	40.00
Petro Asia (Thailand) Co., Ltd. (PAT)	Thailand	Oil marketing	35.00	35.00

10. Investments in Subsidiaries, Joint Ventures and Associates (Continued)

10.2 Details of joint ventures and associates of subsidiaries

Company	Country of Incorporation	Business	Ownership interest (%)	
			June 30, 2016	December 31, 2015
<u>Joint Ventures</u>				
<i>PTTEP Group</i>				
Erawan 2 FSO Bahamas Limited (Erawan 2)	Bahamas	FSO rental services	13.11	13.11
<i>GPSC Group</i>				
Thai Solar Renewable Co., Ltd. (TSR)	Thailand	Investing in other companies	40.00	40.00
Nam Lik1 Power Company Limited (NL1PC)	Laos	Generation and supply of electricity	40.00	40.00
Nava Nakorn Electricity Generating Co., Ltd. (NNEG)	Thailand	Generation and supply of electricity	30.00	30.00
<i>PTTRB Group</i>				
OGP Energy Solutions Company Limited (OGPS)	Thailand	Energy sales and management services	40.00	40.00
<i>PTTGC Group</i>				
Thai Ethoxylate Co., Ltd. (TEX)	Thailand	Manufacturing and distributing petrochemicals products	50.00	50.00
Emery Oleochemical (M) Sdn. Bhd. (EOM)	Malaysia	Manufacturing and distributing biochemicals products	50.00	50.00
Emery Specialty Chemical Sdn. Bhd. (ESC)	Malaysia	Manufacturing and distributing chemical specialties	50.00	50.00
NatureWorks LLC (NTR)	United States of America	Manufacturing and distributing bioplastic products	50.00	50.00
<i>TOP Group</i>				
TOP-NTL Pte. Ltd. (TOP-NTL)	Singapore	Fund management services	50.00	50.00
TOP-NTL Shipping Trust (TOP-NTL(BT))	Singapore	Investing in other companies	50.00	50.00
TOP-NYK MarineOne Pte. Ltd. (TOP-NYK)	Singapore	Marine transportation services	50.00	50.00
TOP Nautical Star Co., Ltd. (TOP-NS)	Thailand	Storage and marine transportation services	35.00	35.00
<i>IRPC Group</i>				
IRPC PCC Co., Ltd. (IRPC PCC)	Thailand	Supply of petrochemicals	49.99	49.99
<i>PTTER Group</i>				
FEE (Bru) Pte. Ltd. (FEEBRU)	Singapore	Coal mines	35.00	35.00
<i>PTTGE Group</i>				
Chancellor Oil Pte. Ltd. (Chancellor)	Singapore	Investing in other companies	77.56	77.56

10. Investments in Subsidiaries, Joint Ventures and Associates (Continued)

10.2 Details of joint ventures and associates of subsidiaries (Continued)

Company	Country of Incorporation	Business	Ownership interest (%)	
			June 30, 2016	December 31, 2015
<u>Associates</u>				
<i>PTTEP Group</i>				
PTTEP AP Group's associates*	Australia	Airbase services	50.00	50.00
UAQ Petroleum Limited (UAQ)	Hong Kong	Petroleum	30.00	30.00
<i>GPSC Group</i>				
Bangpa-in Cogeneration Limited (BIC)	Thailand	Generation and supply of electricity and steam	25.00	25.00
Xayaburi Power Company Limited (XPCL)	Laos	Hydroelectric power plant	25.00	25.00
<i>PTTRB Group</i>				
FST Aviation Services Limited (FST)	Hong Kong	Aircraft refuelling services	25.00	25.00
<i>PTTGC Group</i>				
PT Indo Thai Trading (ITT)	Indonesia	Petrochemicals	49.00	49.00
Vinythai Public Co., Ltd. (VNT)	Thailand	Petrochemicals	24.98	24.98
Eastern Fluid Transport Co., Ltd. (EFT)	Thailand	Infrastructure	22.65	22.65
<i>TOP Group</i>				
T.I.M Ship Management Co., Ltd. (TIM)	Thailand	Marine transportation services	33.33	33.33
Maesod Clean Energy Co., Ltd. (MCE)	Thailand	Manufacturing and distributing of Ethanol	30.00	30.00
Ubon Bio Ethanol Co., Ltd. (UBE)	Thailand	Manufacturing and distributing of Ethanol	21.28	21.28
<i>IRPC Group</i>				
UBE Chemicals (Asia) Public Co., Ltd. (UCHA)	Thailand	Manufacturing and distributing of Petrochemicals	25.00	25.00
<i>PTTER Group</i>				
East Mediterranean Gas Company S.A.E. (EMG)	Egypt	Natural gas transmission pipelines	25.00	25.00

* Associates of PTTEP AP Group consist of Mungalalu Truscott Airbase Pty Ltd. and Troughton Island Pty Ltd.

10. Investments in Subsidiaries, Joint Ventures and Associates (Continued)

10.3 Investments in joint ventures in the consolidated financial statements as at June 30, 2016 and December 31, 2015

Unit: Million Baht

Company	Ownership interest (%)		June 30, 2016		December 31, 2015		Dividends income for the six-month periods ended June 30	
	June 30, 2016	December 31, 2015	Cost method	Equity method	Cost method	Equity method	2016	2015
1. TTM(T)	50.00	50.00	5,666.80	6,215.67	5,666.80	5,950.23	39.67	147.34
2. TTM(M)	50.00	50.00	1,001.31	1,381.63	1,001.31	1,262.93	61.32	-
3. DCAP	35.00	35.00	584.50	763.36	584.50	713.33	15.40	15.36
4. PTTMCC	50.00	50.00	930.12	610.94	930.12	610.28	-	-
5. PTTAC	48.50	48.50	6,909.41	3,916.32	6,909.41	4,173.13	-	-
6. HMC	41.44	41.44	9,117.12	12,980.24	9,117.12	12,461.02	828.86	953.10
7. Erawan 2	13.11	13.11	599.58	656.35	662.37	768.57	94.40	88.57
8. TSR	40.00	40.00	1,697.00	1,705.58	1,697.00	1,721.80	170.33	108.73
9. NLIPC	40.00	40.00	272.63	255.61	237.27	189.83	-	-
10. NNEG	30.00	30.00	365.10	302.39	324.00	265.38	-	-
11. OGPS	40.00	40.00	40.00	38.50	40.00	39.83	-	-
12. TEX	50.00	50.00	210.00	712.90	210.00	660.04	-	122.33
13. EOM	50.00	50.00	4,965.77	5,006.25	4,965.77	5,255.19	-	-
14. ESC	50.00	50.00	407.04	142.82	407.04	227.16	-	-
15. NTR	50.00	50.00	4,809.30	3,431.31	4,809.30	3,704.19	-	-
16. TOP-NTL	50.00	50.00	0.25	9.45	0.25	8.03	-	-
17. TOP-NTL(BT)	50.00	50.00	24.05	20.98	24.05	14.10	-	-
18. TOP-NYK	50.00	50.00	273.88	416.89	273.88	432.64	26.48	-
19. TOP-NS	35.00	35.00	52.50	12.29	52.50	-	-	-
20. IRPC PCC	49.99	49.99	5.00	5.68	5.00	3.07	-	-
21. FEEBRU	35.00	35.00	216.53	144.22	222.12	143.76	-	-
22. Chancellor	77.56	77.56	3,198.20	1,396.98	3,280.78	1,433.36	-	-
			41,346.09	40,126.36	41,420.59	40,037.87		
<u>Less Allowance for impairment</u>			(2,725.14)	(923.94)	(2,795.20)	(947.78)		
Total			38,620.95	39,202.42	38,625.39	39,090.09	1,236.46	1,435.43

10. Investments in Subsidiaries, Joint Ventures and Associates (Continued)

10.4 Investments in associates in the consolidated financial statements as at June 30, 2016 and December 31, 2015

Unit: Million Baht

Company	Ownership interest (%)		June 30, 2016		December 31, 2015		Dividends income for the six-month periods ended June 30	
	June 30, 2016	December 31, 2015	Cost method	Equity method	Cost method	Equity method	2016	2015
1. THAPPLINE	49.59	49.59	3,952.72	4,573.84	3,952.72	5,426.00	1,342.78	261.07
2. KPL	40.00	40.00	21.49	-	21.49	-	-	-
3. PAT	35.00	35.00	131.25	-	131.25	-	-	-
4. PTTEP AP Group's associates	50.00	50.00	52.68	256.73	54.05	277.58	-	-
5. UAQ	30.00	30.00	0.01	0.01	0.01	0.01	-	-
6. BIC	25.00	25.00	673.44	493.39	673.44	490.47	20.29	20.55
7. XPCL	25.00	25.00	3,844.39	3,424.63	3,321.89	2,923.47	-	-
8. FST	25.00	25.00	0.90	1.68	0.90	1.67	-	-
9. ITT	49.00	49.00	125.28	133.23	125.28	109.69	-	-
10. VNT	24.98	24.98	3,297.00	3,992.60	3,297.00	4,019.89	118.42	29.60
11. EFT	22.65	22.65	2.00	16.26	2.00	15.81	3.85	3.85
12. TIM	33.33	33.33	1.00	-	1.00	4.51	-	-
13. MCE	30.00	30.00	202.50	17.76	202.50	42.45	-	-
14. UBE	21.28	21.28	769.55	787.32	769.55	780.65	-	-
15. UCHA	25.00	25.00	5,299.82	4,652.17	5,299.82	4,752.72	-	-
16. EMG	25.00	25.00	17,198.93	13,842.05	17,643.03	14,199.47	-	-
			35,572.96	32,191.67	35,495.93	33,044.39		
<u>Less Allowance for impairment</u>			(13,369.44)	(9,859.80)	(13,710.71)	(10,114.41)		
Total			22,203.52	22,331.87	21,785.22	22,929.98	1,485.34	315.07

10. Investments in Subsidiaries, Joint Ventures and Associates (Continued)

10.5 Investments in subsidiaries, joint ventures and associates in the separate financial statements as at June 30, 2016 and December 31, 2015

Unit: Million Baht

Company	Ownership interest (%)		Cost method		Dividends income for the six-month periods ended June 30	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015	2016	2015
<u>Subsidiaries</u>						
1. PTTEP	65.29	65.29	71,390.42	71,390.42	5,183.72	3,887.79
2. PTTLNG	100.00	100.00	9,163.60	9,163.60	861.38	622.00
3. PTTNGD	58.00	58.00	418.14	418.14	-	-
4. EnCo	50.00	50.00	900.00	900.00	35.60	27.68
5. PTTES	40.00	40.00	62.50	62.50	-	-
6. PTTME	40.00	40.00	66.40	66.40	-	-
7. GPSC	22.58	22.58	4,949.93	4,949.93	202.96	179.28
8. PTTCL	100.00	100.00	103.49	64.12	-	-
9. PTTOM	100.00	100.00	16.15	16.15	-	-
10. PTTTB	100.00	100.00	8,621.67	8,621.67	-	-
11. SBECL	-	100.00	-	1,154.81	-	-
12. PTT TANK	100.00	100.00	2,500.37	2,500.37	90.00	80.00
13. TLBC	48.95	48.95	140.00	140.00	8.68	8.96
14. PTTT	100.00	100.00	2.50	2.50	-	-
15. PTTPL	50.00	50.00	600.00	600.00	-	1,326.00
16. PTTMMA	100.00	100.00	194.70	194.70	-	-
17. PTTM	50.00	50.00	20.00	20.00	250.00	-
18. PTTGC	49.42	49.34	48,121.52	48,121.52	2,865.62	2,204.32
19. TOP	49.10	49.10	11,380.83	11,380.83	1,802.97	600.99
20. IRPC	38.51	38.51	28,467.24	28,467.24	1,731.33	629.57
21. TP	26.00	26.00	2,304.76	2,304.76	197.26	73.06
22. PTTT	100.00	100.00	33,702.67	33,702.67	-	-
23. PTTGE	100.00	100.00	11,750.64	11,750.64	-	-
24. PTTTTC	100.00	100.00	31.40	31.40	-	-
25. BSA	100.00	100.00	0.50	0.50	17.02	13.86
26. PTTICT	20.00	20.00	30.00	30.00	13.00	13.20
Investments in subsidiaries			234,939.43	236,054.87		
<u>Less</u> Allowance for impairment			(25,576.31)	(25,843.63)		
Total investments in subsidiaries			209,363.12	210,211.24	13,259.54	9,666.71

10. Investments in Subsidiaries, Joint Ventures and Associates (Continued)

10.5 Investments in subsidiaries, joint ventures and associates in the separate financial statements as at June 30, 2016 and December 31, 2015 (Continued)

Unit: Million Baht

Company	Ownership interest (%)		Cost method		Dividends income for the six-month periods ended June 30	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015	2016	2015
<u>Joint Ventures</u>						
27. TTM(T)	50.00	50.00	5,666.80	5,666.80	39.67	147.34
28. TTM(M)	50.00	50.00	1,001.31	1,001.31	61.32	-
29. DCAP	35.00	35.00	584.50	584.50	15.40	15.36
30. PTTMCC	50.00	50.00	930.13	930.13	-	-
31. PTTAC	48.50	48.50	6,909.41	6,909.41	-	-
32. HMC	41.44	41.44	9,117.12	9,117.12	828.86	953.10
Total investments in joint ventures			24,209.27	24,209.27	945.25	1,115.80
<u>Associates</u>						
33. THAPPLINE	40.40	40.40	3,173.23	3,173.23	1,095.44	212.98
34. KPL	40.00	40.00	21.49	21.49	-	-
35. PAT	35.00	35.00	131.25	131.25	-	-
Investments in associates			3,325.97	3,325.97		
<u>Less</u> Allowance for impairment			(152.74)	(152.74)		
Total investments in associates			3,173.23	3,173.23	1,095.44	212.98
Total			236,745.62	237,593.74	15,300.23	10,995.49

10. Investments in Subsidiaries, Joint Ventures and Associates (Continued)

10.6 Significant events during the period ended June 30, 2016

PTTCL

On March 31, 2015, at the Ordinary General Shareholders' Meeting of PTT (Cambodia) Limited (PTTCL) No. 1/2015, the shareholders passed a resolution to increase authorized share capital not exceed USD 2.91 million or equivalent to Baht 96 million by issuing 582,000 additional shares with a par value of KHR 20,000 each. On January 29, 2016, PTTCL called up additional authorized share capital of Baht 39.37 million. The Company made the share payment on February 15, 2016.

SBECL

On August 22, 2014, at the Board of Directors Meeting No. 8/2014 of the Company, the Board passed a resolution to approve the dissolution of Subic Bay Energy Company Limited (SBECL). On October 28, 2015, the Company received USD 25.10 million, or equivalent to Baht 887.49 million, from SBECL and recognized loss on impairment of investment amounting to Baht 267.32 million in the separate financial statements. On February 17, 2016, SBECL registered its dissolution; therefore, the Company wrote off its entire investment in SBECL and recognized loss on the disposal of the investment of Baht 143.79 million in the consolidated financial statements.

10.7 Additional information in respect of associates

The Company has not recognized its share of gain from some associates for the three-month periods ended June 30, 2016 amounting to Baht 0.57 million (2015: Baht 0.30 million) and for the six-month periods ended June 30, 2016 amounting to Baht 0.47 million (2015 : Baht 0.50 million) because, as at June 30, 2016, the Company had an unrealized allowance for its share of losses from these associates amounting to Baht 84.08 million (December 31, 2015: Baht 84.55 million).

11. Available-for-sale Investments

11.1 Details of available-for-sale investments

Company	Country of Incorporation	Business	Ownership interest (%)	
			June 30, 2016	December 31, 2015
<u>Available-for-sale Investments of the Company</u>				
<u>Investments in Equity Securities</u>				
Dhipaya Insurance Public Co., Ltd. (TIP)	Thailand	Insurance	13.33	13.33
Bangkok Aviation Fuel Services Public Co., Ltd. (BAFS)	Thailand	Aircraft refuelling services	7.06	7.06
Star Petroleum Refining Public Co., Ltd. (SPRC)	Thailand	Refining	5.41	5.41
<u>Investments in Mutual Funds</u>				
Core Flexible Fund (CORE)	Thailand	Mutual fund	32.57	32.57
CIMB - PRINCIPAL Energy and Petrochemical Index Fund (CIMB - PRINCIPAL EPIF)	Thailand	Mutual fund		
Vayupak fund 1 (VAYU1)	Thailand	Mutual fund		
<u>Available-for-sale Investments of Subsidiaries</u>				
<u>Investments in Equity Securities</u>				
<i>PTTEP Group</i>				
Wentworth Resources Limited (WRL)	Canada	Oil and natural gas exploration	1.18	1.18
<i>IRPC Group</i>				
Bangkok Union Insurance Public Co., Ltd. (BUI)	Thailand	Insurance	0.35	0.35
<i>PTTER Group</i>				
Xanadu Mines Ltd. (XML)	Mongolia	Mineral exploration	4.82	5.53
<u>Investments in Mutual Funds</u>				
<i>TOP Group</i>				
Core Flexible Fund (CORE)	Thailand	Mutual fund	16.29	16.29

11. Available-for-sale Investments (Continued)

11.2 Details of available-for-sale investments as at June 30, 2016 and December 31, 2015 are as follows:

Unit: Million Baht

Company	Ownership interest (%)		Consolidated financial statements		Separate financial statements		Dividends income for the six-month periods ended June 30	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015	2016	2015
<u>Investments in Equity Securities</u>								
TIP	13.33	13.33	312.00	312.00	312.00	312.00	80.00	70.00
BAFS	7.06	7.06	24.00	24.00	24.00	24.00	49.50	20.52
WRL	1.18	1.18	40.13	45.48	-	-	-	-
BUI	0.35	0.35	2.35	2.35	-	-	0.07	-
XML	4.82	5.53	258.17	264.84	-	-	-	-
SPRC	5.41	5.41	1,876.50	1,876.50	1,623.17	1,623.17	61.87	692.14
Total investments in equity securities			2,513.15	2,525.17	1,959.17	1,959.17		
<u>Investments in Mutual Funds</u>								
CORE	48.86	48.86	674.74	674.74	449.83	449.83	-	-
CIMB - PRINCIPAL EPIF			6,300.00	6,300.00	6,300.00	6,300.00	-	71.83
VAYU1			15.21	15.23	10.00	10.00	-	-
Total investments in mutual funds			6,989.95	6,989.97	6,759.83	6,759.83		
Total available-for-sale investments before changes in value of investments			9,503.10	9,515.14	8,719.00	8,719.00		
Allowance for changes in value			6,323.27	3,880.50	6,763.33	4,389.79		
Less Allowance for impairment			(41.57)	(42.65)	-	-		
Total			15,784.80	13,352.99	15,482.33	13,108.79	191.44	854.49

12. Other Long-term Investments

12.1 Details of other long-term investments

Company	Country of Incorporation	Business	Ownership interest (%)	
			June 30, 2016	December 31, 2015
<u>Other Long-term Investments of the Company</u>				
Petro Asia (Sanshui) Co., Ltd. (PA (Sanshui))	China	Oil marketing	25.00	25.00
Petro Asia (Maoming) Co., Ltd. (PA (Maoming))	China	Oil marketing	20.00	20.00
Intoplane Services Co., Ltd. (IPS)	Thailand	Aircraft refuelling services	16.67	16.67
Colour Vision International Co., Ltd. (Corpus)	Thailand	Finished yarn production	0.48	0.48
Fuel Pipeline Transportation Co., Ltd. (FPT)*	Thailand	Oil transmission pipelines	-	-
<u>Other Long-term Investments of Subsidiaries</u>				
<i>GPSC Group</i>				
24M Technologies, Inc. (24M)	United States of America	Research and development of battery	17.00	17.00
Ratchaburi Power Co., Ltd. (RPCL)	Thailand	Electricity generation	15.00	15.00
<i>PTTT Group</i>				
KIC Oil Terminal Sdn. Bhd. (KOT)	Malaysia	Logistics services	10.00	10.00
Kadriah Integrated Facilities Sdn. Bhd. (KIF)	Malaysia	Logistics services	10.00	10.00
Kadriah I Ltd. (K I)	Malaysia	Logistics services	10.00	10.00
Kadriah II Ltd. (K II)	Malaysia	Logistics services	10.00	10.00
<i>PTTGC Group</i>				
Alliance Petrochemical Investment (Singapore) Pte. Ltd. (API)	Singapore	Investment in other companies	15.34	15.34
Exeltium SAS (EXS)	France	Electricity business	4.00	4.00

* As at June 30, 2016, the Company holds 0.0000090% of ownership interest (December 31, 2015: the Company holds 0.00013% of ownership interest).

12 Other Long-term Investments (Continued)

12.1 Details of other long-term investments (Continued)

Company	Country of Incorporation	Business	Ownership interest (%)	
			June 30, 2016	December 31, 2015
<u>Other Long-term Investments of Subsidiaries</u> (Continued)				
<i>IRPC Group</i>				
TPI EOEG Co., Ltd. (TPIE)	Thailand	Finance service	36.31	36.31
TPI Holding Co., Ltd. (TPIH)	Thailand	Investment in other companies	35.01	35.01
Pornchai Enterprises Co., Ltd. (PEC)	Thailand	Real estate for rent	23.65	23.65
Thai Special Steel Industries Public Co.,Ltd. (TSSI)	Thailand	Steel wire manufacturing	16.24	16.24
Rayong Acetylene Co., Ltd. (RAC)	Thailand	Industrial gas manufacturing	13.04	13.04
DIA Polyacrylate Co., Ltd. (DIA)	Thailand	Plastic resin manufacturing	3.65	3.65

12. Other Long-term Investments (Continued)

12.2 Details of other long-term investments as at June 30, 2016 and December 31, 2015 are as follows:

Unit: Million Baht

Company	Ownership interest (%)		Consolidated financial statements		Separate financial statements		Dividends income for the six-month periods ended June 30	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015	2016	2015
1. PA (Sanshui)	25.00	25.00	6.06	6.06	6.06	6.06	-	-
2. PA (Maoming)	20.00	20.00	14.83	14.83	14.83	14.83	-	-
3. IPS	16.67	16.67	0.02	0.02	0.02	0.02	-	-
4. Corpus	0.48	0.48	0.60	0.60	0.60	0.60	-	-
5. FPT*	-	-	0.02	0.02	0.02	0.02	-	-
6. 24M	17.00	17.00	715.62	479.38	-	-	-	-
7. RPCL	15.00	15.00	888.75	888.75	-	-	180.00	-
8. KOT	10.00	10.00	123.61	126.80	-	-	-	-
9. KIF	10.00	10.00	51.23	52.55	-	-	-	-
10. K I	10.00	10.00	257.48	264.12	-	-	-	-
11. K II	10.00	10.00	68.82	70.60	-	-	-	-
12. API	15.34	15.34	290.24	290.24	-	-	-	-
13. EXS	4.00	4.00	282.88	282.88	-	-	-	-
14. TPIE	36.31	36.31	828.94	828.94	-	-	-	-
15. TPIH	35.01	35.01	1,415.90	1,415.90	-	-	-	-
16. PEC	23.65	23.65	1,117.06	1,117.06	-	-	-	-
17. TSSI	16.24	16.24	673.35	673.35	-	-	-	-
18. RAC	13.04	13.04	15.00	15.00	-	-	-	-
19. DIA	3.65	3.65	8.50	8.50	-	-	-	-
			6,758.91	6,535.60	21.53	21.53		
Less Allowance for impairment			(4,553.53)	(4,566.47)	(14.14)	(14.14)		
Total			2,205.38	1,969.13	7.39	7.39	180.00	-

* As at June 30, 2016, the Company holds 0.0000090% of ownership interest, totaling 66 shares, amounting to Baht 22,220.00 (December 31, 2015: the Company holds 0.00013% of ownership interest, totaling 66 shares, amounting to Baht 22,220.00).

13. Investment Properties

Details of investment properties are as follows:

	Unit: Million Baht		
	Consolidated financial statements		
	Land	Buildings and building improvements	Total
Cost			
As at January 1, 2016	5,204.67	2,308.50	7,513.17
- Additions	-	3.44	3.44
- Disposals	(0.50)	(4.01)	(4.51)
As at June 30, 2016	5,204.17	2,307.93	7,512.10
Accumulated depreciation			
As at January 1, 2016	-	(871.20)	(871.20)
- Depreciation for the period	-	(55.61)	(55.61)
- Disposals	-	2.28	2.28
As at June 30, 2016	-	(924.53)	(924.53)
Allowance for impairment			
As at January 1, 2016	(354.35)	-	(354.35)
As at June 30, 2016	(354.35)	-	(354.35)
Net book value			
As at December 31, 2015	4,850.32	1,437.30	6,287.62
As at June 30, 2016	4,849.82	1,383.40	6,233.22

13. Investment Properties (Continued)

Details of investment properties are as follows: (Continued)

Unit: Million Baht

	Separate financial statements		
	Land	Buildings and building improvements	Total
Cost			
As at January 1, 2016	3,574.41	467.63	4,042.04
- Additions	-	1.51	1.51
- Disposals	-	(3.13)	(3.13)
As at June 30, 2016	3,574.41	466.01	4,040.42
Accumulated depreciation			
As at January 1, 2016	-	(199.51)	(199.51)
- Depreciation for the period	-	(8.43)	(8.43)
- Disposals	-	1.67	1.67
As at June 30, 2016	-	(206.27)	(206.27)
Net book value			
As at December 31, 2015	3,574.41	268.12	3,842.53
As at June 30, 2016	3,574.41	259.74	3,834.15

14. Property, Plant and Equipment

Detail of property, plant and equipment are as follows:

Unit: Million Baht

	Consolidated financial statements						Total
	Land	Buildings and building improvements	Machinery and equipment	Exploration and production properties	Other assets	Construction in progress	
Cost							
As at January 1, 2016	31,069.00	238,685.22	810,411.63	906,736.85	21,551.73	163,846.46	2,172,300.89
- Additions	337.52	323.81	1,357.74	19,741.24	721.51	31,522.97	54,004.79
- Borrowing costs	-	-	-	-	-	1,646.12	1,646.12
- Reclassifications	1,909.04	25,444.30	27,169.20	2,015.55	534.29	(55,392.87)	1,679.51
- Disposals	-	(92.69)	(4,902.37)	(614.20)	(237.65)	(38.92)	(5,885.83)
- Currency translation differences	(17.75)	(161.21)	(409.98)	(23,011.08)	(22.57)	(185.41)	(23,808.00)
As at June 30, 2016	33,297.81	264,199.43	833,626.22	904,868.36	22,547.31	141,398.35	2,199,937.48

14. Property, Plant and Equipment (Continued)

Detail of property, plant and equipment are as follows: (Continued)

Unit: Million Baht

	Consolidated financial statements						
	Land	Buildings and building improvements	Machinery and equipment	Exploration and production properties	Other assets	Construction in progress	Total
Accumulated depreciation							
As at January 1, 2016	-	(129,632.44)	(342,744.96)	(519,651.56)	(12,491.54)	-	(1,004,520.50)
- Depreciation for the period	-	(5,253.49)	(17,887.82)	(35,301.07)	(1,066.24)	-	(59,508.62)
- Reclassifications	-	153.31	(589.87)	-	(86.37)	-	(522.93)
- Disposals	-	85.11	4,495.68	10.07	188.54	-	4,779.40
- Currency translation differences	-	64.08	249.56	13,371.42	15.75	-	13,700.81
As at June 30, 2016	-	(134,583.43)	(356,477.41)	(541,571.14)	(13,439.86)	-	(1,046,071.84)

14. Property, Plant and Equipment (Continued)

Detail of property, plant and equipment are as follows: (Continued)

Unit: Million Baht

	Consolidated financial statements						
	Land	Buildings and building improvements	Machinery and equipment	Exploration and production properties	Other assets	Construction in progress	Total
Allowance for impairment of assets							
As at January 1, 2016	(214.38)	(203.00)	(2,426.68)	(43,711.35)	(12.29)	(2,535.45)	(49,103.15)
- Loss on impairment	-	-	-	-	-	(42.89)	(42.89)
- Reversal of loss on impairment	-	(0.28)	(63.66)	-	-	67.07	3.13
- Disposals	-	-	665.25	-	-	-	665.25
- Reclassifications	-	-	-	(176.39)	-	-	(176.39)
- Currency translation differences	-	0.35	24.93	1,101.72	0.31	56.79	1,184.10
As at June 30, 2016	(214.38)	(202.93)	(1,800.16)	(42,786.02)	(11.98)	(2,454.48)	(47,469.95)
Net book value							
As at December 31, 2015	30,854.62	108,849.78	465,239.99	343,373.94	9,047.90	161,311.01	1,118,677.24
As at June 30, 2016	33,083.43	129,413.07	475,348.65	320,511.20	9,095.47	138,943.87	1,106,395.69

As at June 30, 2016, the Group had pledged assets amounting to Baht 33,057.77 million.

14. Property, Plant and Equipment (Continued)

Details of property, plant and equipment are as follows: (Continued)

Unit: Million Baht

	Separate financial statements					Total
	Land	Buildings and building improvements	Machinery and equipment	Other assets	Construction in progress	
Cost						
As at January 1, 2016	8,595.14	39,071.27	329,012.29	13,277.50	46,271.34	436,227.54
- Additions	-	84.16	966.40	330.61	7,183.82	8,564.99
- Borrowing costs	-	-	-	-	459.08	459.08
- Reclassifications	1,909.04	1,071.36	15,351.50	159.80	(18,679.63)	(187.93)
- Disposals	-	(63.99)	(3,702.39)	(88.36)	-	(3,854.74)
As at June 30, 2016	10,504.18	40,162.80	341,627.80	13,679.55	35,234.61	441,208.94
Accumulated depreciation						
As at January 1, 2016	-	(16,010.44)	(134,261.77)	(8,744.57)	-	(159,016.78)
- Depreciation for the period	-	(820.55)	(6,824.46)	(706.57)	-	(8,351.58)
- Reclassifications	-	(0.02)	(467.58)	(0.25)	-	(467.85)
- Disposals	-	58.92	3,370.31	64.41	-	3,493.64
As at June 30, 2016	-	(16,772.09)	(138,183.50)	(9,386.98)	-	(164,342.57)
Allowance for impairment of assets						
As at January 1, 2016	(22.07)	(4.70)	(681.67)	-	-	(708.44)
- Disposal	-	-	665.25	-	-	665.25
As at June 30, 2016	(22.07)	(4.70)	(16.42)	-	-	(43.19)
Net book value						
As at December 31, 2015	8,573.07	23,056.13	194,068.85	4,532.93	46,271.34	276,502.32
As at June 30, 2016	10,482.11	23,386.01	203,427.88	4,292.57	35,234.61	276,823.18

During the period, borrowing costs were capitalized as a part of costs of property, plant and equipment. The Group used capitalization rates ranging from 3.00% to 5.13% per annum (2015: 3.00% to 5.75% per annum).

14. Property, Plant and Equipment (Continued)

As at June 30, 2016 and December 31, 2015, details of other assets include vehicles and natural gas pipeline acquired under finance leases which were recorded as machinery and equipment are as follows:

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
Cost	10,964.83	10,919.11	10,025.75	10,003.85
<u>Less Accumulated depreciation</u>	<u>(3,991.23)</u>	<u>(3,695.33)</u>	<u>(3,441.96)</u>	<u>(3,170.95)</u>
Net book value	<u>6,973.60</u>	<u>7,223.78</u>	<u>6,583.79</u>	<u>6,832.90</u>

15. Intangible Assets

Details of intangible assets are as follows:

Unit: Million Baht

	Consolidated financial statements				Total
	Computer software	Right of use	Exploration & evaluation assets	Other Intangible assets	
Cost					
As at January 1, 2016	16,943.76	30,567.99	170,606.65	9,273.83	227,392.23
- Business acquisition	118.87	-	-	-	118.87
- Additions	405.75	1,199.39	635.88	301.71	2,542.73
- Reclassifications	108.85	391.08	(2,015.55)	(102.11)	(1,617.73)
- Disposals	(101.36)	(1.25)	(1.39)	(30.02)	(134.02)
- Currency translation differences	(70.59)	(46.90)	(560.21)	(90.85)	(768.55)
As at June 30, 2016	17,405.28	32,110.31	168,665.38	9,352.56	227,533.53
Accumulated amortization					
As at January 1, 2016	(7,645.38)	(11,456.61)	-	(4,048.09)	(23,150.08)
- Amortization for the period	(884.71)	(544.42)	-	(188.10)	(1,617.23)
- Reclassifications	57.72	-	-	(11.88)	45.84
- Disposals	20.72	-	-	23.52	44.24
- Currency translation differences	55.43	13.23	-	22.57	91.23
As at June 30, 2016	(8,396.22)	(11,987.80)	-	(4,201.98)	(24,586.00)
Allowance for impairment of assets					
As at January 1, 2016	(11.82)	(122.02)	(40,954.03)	-	(41,087.87)
- Reclassifications	-	-	176.38	-	176.38
- Currency translation differences	0.30	0.86	(1,497.87)	-	(1,496.71)
As at June 30, 2016	(11.52)	(121.16)	(42,275.52)	-	(42,408.20)
Net book value					
As at December 31, 2015	9,286.56	18,989.36	129,652.62	5,225.74	163,154.28
As at June 30, 2016	8,997.54	20,001.35	126,389.86	5,150.58	160,539.33

15. Intangible Assets (Continued)

Details of intangible assets are as follows: (Continued)

Unit: Million Baht

	Separate financial statements			Total
	Computer software	Right of use	Other Intangible assets	
Cost				
As at January 1, 2016	4,665.38	19,732.16	52.50	24,450.04
- Additions	65.36	0.07	-	65.43
- Reclassifications	111.55	221.04	-	332.59
- Disposals	(14.60)	(1.25)	-	(15.85)
As at June 30, 2016	4,827.69	19,952.02	52.50	24,832.21
Accumulated amortization				
As at January 1, 2016	(2,522.91)	(7,280.35)	(2.66)	(9,805.92)
- Amortization for the period	(313.43)	(259.99)	(1.31)	(574.73)
- Reclassifications	(0.03)	-	-	(0.03)
- Disposal	2.35	-	-	2.35
As at June 30, 2016	(2,834.02)	(7,540.34)	(3.97)	(10,378.33)
Net book value				
As at December 31, 2015	2,142.47	12,451.81	49.84	14,644.12
As at June 30, 2016	1,993.67	12,411.68	48.53	14,453.88

16. Mining Properties

Movements of mining properties are as follows:

	Unit: Million Baht
	<u>Consolidated financial statements</u>
Cost	
As at January 1, 2016	63,116.66
- Additions	256.54
- Reclassifications	19.49
- Disposal	(18.77)
- Currency translation differences	<u>(1,591.84)</u>
As at June 30, 2016	<u>61,782.08</u>
Accumulated amortization	
As at January 1, 2016	(28,395.30)
- Amortization for the period	(677.98)
- Currency translation differences	<u>719.78</u>
As at June 30, 2016	<u>(28,353.50)</u>
Allowance for impairment of assets	
As at January 1, 2016	(14,786.41)
- Currency translation differences	<u>372.19</u>
As at June 30, 2016	<u>(14,414.22)</u>
Net book value	
As at December 31, 2015	<u>19,934.95</u>
As at June 30, 2016	<u>19,014.36</u>

17. Goodwill

Movements of goodwill are as follows:

	Unit: Million Baht	
	Consolidated financial statements	
	2016	2015
Net book value as at January 1	51,408.13	56,987.28
- Business acquisition	(15.98)	29.94
- Currency translation differences	(950.32)	1,062.79
Net book value as at June 30	<u>50,441.83</u>	<u>58,080.01</u>

18. Advance Payments for Gas Purchases

Movements of advance payments for gas purchases are as follows:

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	2016	2015	2016	2015
Balance as at January 1	2,644.25	4,512.79	3,069.55	5,253.77
- Make-up Right	(574.80)	(1,144.56)	(673.40)	(1,322.56)
Balance as at June 30	<u>2,069.45</u>	<u>3,368.23</u>	<u>2,396.15</u>	<u>3,931.21</u>

The Company made advance payments for committed gas purchases according to the established minimum volumes in the Gas Sales Agreements (Take-or-Pay). The Company has the right to take certain volumes of prepaid gas (Make-up Right) in subsequent years, with no maturity period.

As at June 30, 2016, advance payments for gas purchases comprised the balance of advance payments made for gas purchases from the Yadana gas fields in Myanmar, irrespective of take-up in 2000.

19. Long-term Loans

Details of long-term loans as at June 30, 2016 and December 31, 2015 are as follows:

Current portion of long-term loans

Unit: Million Baht

	Consolidated financial statements		Separate financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
Loans - Baht currency	18,243.85	19,309.05	5,043.52	5,429.02
Loans - foreign currencies	2,596.85	2,251.98	-	-
Debentures - Baht currency	36,982.00	32,128.00	27,736.00	31,070.00
Debentures - foreign currency	20,871.02	-	12,459.24	-
Liabilities under finance leases	918.93	929.32	647.68	649.49
Total	79,612.65	54,618.35	45,886.44	37,148.51

Long-term loans

Unit: Million Baht

	Consolidated financial statements		Separate financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
Loans - Baht currency	84,452.44	88,421.46	8,829.02	11,158.03
Loans - foreign currencies	51,499.76	50,261.79	18,916.59	18,202.07
Debentures - Baht currency	216,994.31	228,874.15	133,797.47	136,433.47
Debentures - foreign currencies	173,754.03	204,074.61	50,746.61	62,951.96
Liabilities under finance leases	6,154.19	6,583.36	5,742.23	6,149.32
Total	532,854.73	578,215.37	218,031.92	234,894.85

As at June 30, 2016, Baht 2,000.00 million of the Company's loans are secured by the Ministry of Finance (December 31, 2015: Baht 3,000.00 million).

19. Long-term Loans (Continued)

19.1 Loans

Movements of loans in Baht currency and foreign currencies for the six-month period ended June 30, 2016 are as follows:

Unit: Million

	Consolidated financial statements				
	Currency				Total in Baht equivalent
	Baht	USD	EURO	JPY	
Balance as at January 1, 2016	107,730.51	1,194.91	60.38	23,000.00	160,244.28
- Additions	18,457.00	0.20	102.30	-	22,510.55
- Repayments	(23,474.18)	(20.48)	(36.75)	-	(25,614.83)
- Loss on exchange rates	-	-	-	-	436.48
- Currency translation differences	-	-	-	-	(621.90)
- Others	(17.04)	(4.37)	-	-	(161.68)
Balance as at June 30, 2016	102,696.29	1,170.26	125.93	23,000.00	156,792.90
- Current portion	(18,243.85)	(61.88)	(10.58)	-	(20,840.70)
Long-term loans	<u>84,452.44</u>	<u>1,108.38</u>	<u>115.35</u>	<u>23,000.00</u>	<u>135,952.20</u>

Unit: Million

	Separate financial statements			
	Currency			Total in Baht equivalent
	Baht	USD	JPY	
Balance as at January 1, 2016	16,587.05	310.00	23,000.00	34,789.12
- Repayments	(2,714.51)	-	-	(2,714.51)
- Loss on exchange rates	-	-	-	714.52
Balance as at June 30, 2016	13,872.54	310.00	23,000.00	32,789.13
- Current portion	(5,043.52)	-	-	(5,043.52)
Long-term loans	<u>8,829.02</u>	<u>310.00</u>	<u>23,000.00</u>	<u>27,745.61</u>

19. Long-term Loans (Continued)

19.2 Debentures

Movements of debentures in Baht currency and foreign currencies for the six-month period ended June 30, 2016 are as follows:

Unit: Million

	Consolidated financial statements			Total in Baht equivalent
	Currency			
	Baht	USD	JPY	
Balance as at January 1, 2016	261,002.15	5,335.39	36,000.00	465,076.76
- Repayments	(7,028.00)	(176.55)	-	(13,290.26)
- (Gain) Loss on exchange rates	687.02	-	-	(184.38)
- Currency translation differences	(687.76)	-	-	(3,081.97)
- Others	2.90	1.60	-	81.21
Balance as at June 30, 2016	253,976.31	5,160.44	36,000.00	448,601.36
- Current portion	(36,982.00)	(238.00)	-	(57,853.02)
Long-term debentures	<u>216,994.31</u>	<u>4,922.44</u>	<u>36,000.00</u>	<u>390,748.34</u>

Unit: Million

	Separate financial statements			Total in Baht equivalent
	Currency			
	Baht	USD	JPY	
Balance as at January 1, 2016	167,503.47	1,435.79	36,000.00	230,455.43
- Repayments	(5,970.00)	-	-	(5,970.00)
- Loss on exchange rates	-	-	-	240.23
- Others	-	0.02	-	13.66
Balance as at June 30, 2016	161,533.47	1,435.81	36,000.00	224,739.32
- Current portion	(27,736.00)	-	(36,000.00)	(40,195.24)
Long-term debentures	<u>133,797.47</u>	<u>1,435.81</u>	<u>-</u>	<u>184,544.08</u>

19. Long-term Loans (Continued)

19.3 Liabilities under finance leases

Details of liabilities under finance leases as at June 30, 2016 and December 31, 2015 are as follows:

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
Liabilities under finance leases				
- Within 1 year	1,028.17	1,044.21	736.83	742.72
- Over 1 year but not over 5 years	2,893.58	3,018.00	2,459.91	2,558.32
- Over 5 years	3,690.89	4,035.94	3,690.89	4,035.94
Future finance charges	(539.52)	(585.47)	(497.72)	(538.17)
Present value of liabilities under finance leases	<u>7,073.12</u>	<u>7,512.68</u>	<u>6,389.91</u>	<u>6,798.81</u>
Present value of liabilities under finance leases				
- Current liabilities	918.93	929.32	647.68	649.49
- Non-current liabilities	<u>6,154.19</u>	<u>6,583.36</u>	<u>5,742.23</u>	<u>6,149.32</u>
Total	<u>7,073.12</u>	<u>7,512.68</u>	<u>6,389.91</u>	<u>6,798.81</u>

20. Employee Benefit Obligations

Movements in the present value of the employee benefit obligations are as follows:

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	2016	2015	2016	2015
As at January 1	18,787.51	17,253.33	6,760.58	6,004.14
Current service cost	739.84	690.01	264.34	238.01
Interest cost	270.63	265.17	112.82	108.52
Actuarial loss from post-employment benefit obligation	5.17	-	-	-
Actuarial gain from other long-term employee benefit obligation	(0.45)	(0.11)	-	-
Actual payment	(421.75)	(188.32)	(32.25)	(27.36)
Reclassified as liabilities directly associated with the non-current assets held-for-sale	-	(6.64)	-	-
Currency translation differences	(10.46)	(59.19)	-	-
As at June 30	<u>19,370.49</u>	<u>17,954.25</u>	<u>7,105.49</u>	<u>6,323.31</u>

Expenses recognized in the statements of income and comprehensive income for the three-month periods ended June 30, 2016 and 2015 are as follows:

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	2016	2015	2016	2015
Current service cost	378.50	340.08	132.17	119.00
Interest cost	135.73	132.28	56.41	54.26
Actuarial loss	1.30	-	-	-
Total	<u>515.53</u>	<u>472.36</u>	<u>188.58</u>	<u>173.26</u>
	Consolidated financial statements		Separate financial statements	
	2016	2015	2016	2015
Cost of sales and services	177.10	159.85	29.49	26.64
Selling expenses	16.78	22.55	16.16	14.57
Administrative expenses	318.31	289.22	142.68	131.49
Management remuneration	2.65	0.74	0.25	0.56
Other comprehensive loss	0.69	-	-	-
Total	<u>515.53</u>	<u>472.36</u>	<u>188.58</u>	<u>173.26</u>

20. Employee Benefit Obligations (Continued)

Expenses recognized in the statements of income and comprehensive income for the six-month periods ended June 30, 2016 and 2015 are as follows:

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	2016	2015	2016	2015
Current service cost	739.84	690.01	264.34	238.01
Interest cost	270.63	265.17	112.82	108.52
Actuarial (gain) loss	4.72	(0.11)	-	-
Total	1,015.19	955.07	377.16	346.53
	Consolidated financial statements		Separate financial statements	
	2016	2015	2016	2015
Cost of sales and services	337.62	327.80	58.99	53.28
Selling expenses	33.31	38.44	32.33	29.14
Administrative expenses	634.02	587.34	285.34	262.98
Management remuneration	5.07	1.49	0.50	1.13
Other comprehensive loss	5.17	-	-	-
Total	1,015.19	955.07	377.16	346.53

21. Provision for Decommissioning Costs

Movements in the provision for decommissioning costs are as follows:

	Unit: Million Baht
	Consolidated financial statements
As at January 1, 2016	75,746.67
- Additions	2,486.63
- Reversal of non-occurred provision	(53.73)
- Currency translation differences	(1,920.91)
As at June 30, 2016	76,258.66
- Current portion	-
- Long-term portion	76,258.66

22. Basic Earnings per Share

Basic earnings per share for the three-month periods ended June 30, 2016 and 2015 are as follows:

	Consolidated financial statements		Separate financial statements	
	2016	2015	2016	2015
Profit attributable to owners of the parent (Baht)	24,878,993,009	23,745,659,566	22,648,568,748	21,060,446,007
Adjustment of profit (Baht)	(585,855,326)	(361,187,685)	-	-
Profit for calculation of earnings per share (Baht)	24,293,137,683	23,384,471,881	22,648,568,748	21,060,446,007
Number of weighted average of ordinary shares	2,856,299,625	2,856,299,625	2,856,299,625	2,856,299,625
Earnings per share (Baht/share)	8.51	8.19	7.93	7.37

Basic earnings per share for the six-month periods ended June 30, 2016 and 2015 are as follows:

	Consolidated financial statements		Separate financial statements	
	2016	2015	2016	2015
Profit attributable to owners of the parent (Baht)	48,547,880,303	46,329,516,971	40,930,414,401	33,143,583,584
Adjustment of profit (Baht)	(744,140,473)	(399,158,764)	-	-
Profit for calculation of earnings per share (Baht)	47,803,739,830	45,930,358,207	40,930,414,401	33,143,583,584
Number of weighted average of ordinary shares	2,856,299,625	2,856,299,625	2,856,299,625	2,856,299,625
Earnings per share (Baht/share)	16.74	16.08	14.33	11.60

23. Other Income

Details of other income for the three-month periods ended June 30, 2016 and 2015 are as follows:

	Unit: Million Baht			
	Consolidated		Separate	
	financial statements		financial statements	
	2016	2015	2016	2015
Transportation income	2,115.42	2,843.70	2,136.76	2,338.46
Dividend income	181.44	90.52	10,014.27	6,566.51
Interest income	1,556.34	1,569.49	1,077.83	974.88
Compensation for loan interest on advance payments for gas purchases	(0.50)	(0.47)	(0.50)	(0.47)
Gain on disposal of investments	-	3,095.90	-	7,905.02
Gain (loss) on derivatives	(4,070.91)	(3,210.19)	1,077.87	(975.88)
Others	992.70	97.02	1,091.02	741.91
Total	774.49	4,485.97	15,397.25	17,550.43

Details of other income for the six-month periods ended June 30, 2016 and 2015 are as follows:

	Unit: Million Baht			
	Consolidated		Separate	
	financial statements		financial statements	
	2016	2015	2016	2015
Transportation income	4,454.52	4,196.21	4,500.99	4,248.67
Dividend income	372.69	162.35	15,491.60	11,999.88
Interest income	3,160.36	3,204.25	2,172.74	2,086.74
Compensation for loan interest on advance payments for gas purchases	(0.99)	(0.94)	(0.99)	(0.94)
Gain (loss) on disposal of investments	(143.40)	3,095.90	-	7,905.02
Gain (loss) on derivatives	(4,987.32)	(1,740.11)	3,026.02	(316.09)
Others	1,918.81	1,324.08	1,792.95	1,724.15
Total	4,774.67	10,241.74	26,983.31	27,647.43

Compensation for loan interests on advance payments for gas purchases (Take-or-Pay) represents the compensation, which the Company received from the Electricity Generating Authority of Thailand (EGAT) and the Independent Power Plants (IPP) in order to absorb the interests on loans that the Company obtains to make advance payments for gas purchases.

24. Expenses by Nature

Details of expenses by nature for the three-month periods ended June 30, 2016 and 2015 are as follows:

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	2016	2015	2016	2015
Changes in finished goods and work in process	961.02	(6,233.60)	(901.78)	(1,564.80)
Goods purchased and raw materials used	301,425.01	412,655.46	318,195.07	443,071.56
Staff costs	10,003.30	10,668.76	2,278.24	2,302.95
Outsourcing	2,501.51	2,150.67	1,796.55	1,754.32
Transportation	4,565.49	6,006.10	1,851.86	2,017.70
Depreciation and amortization	31,925.73	36,671.44	4,603.12	3,994.07
Repairment	3,733.63	3,906.24	860.43	997.39
Utilities	3,234.41	4,147.71	2,989.71	3,605.48
Rental fees and property insurance premium	2,652.22	1,976.64	905.90	874.15
Doubtful accounts	0.86	584.08	295.04	685.75
Others	7,995.21	10,845.99	1,541.25	2,836.67
Total	368,998.39	483,379.49	334,415.39	460,575.24

Details of expenses by nature for the six-month periods ended June 30, 2016 and 2015 are as follows:

	Unit: Million Baht			
	Consolidated financial statements		Separate financial statements	
	2016	2015	2016	2015
Changes in finished goods and work in process	(488.15)	3,755.70	(1,108.71)	1,216.11
Goods purchased and raw materials used	583,285.70	808,286.71	620,864.62	854,608.42
Staff costs	19,720.01	20,653.83	4,617.98	4,539.69
Outsourcing	4,096.51	4,039.81	3,346.80	3,374.92
Transportation	10,085.75	11,085.74	3,962.96	3,619.64
Depreciation and amortization	63,753.30	72,834.70	9,087.03	7,903.24
Repairment	7,167.22	7,011.09	1,544.41	1,645.82
Utilities	6,383.26	8,347.44	5,962.34	7,422.75
Rental fees and property insurance premium	4,862.97	3,847.22	1,827.33	1,756.33
(Reversal of) Doubtful accounts	4.32	(2,224.62)	(569.52)	605.32
Others	16,245.63	21,424.04	2,791.13	5,289.23
Total	715,116.52	959,061.66	652,326.37	891,981.47

25. Operating Segments

These operating segments are consistent with the internal management reports provided to the Chief Operating Decision Maker (CODM), who makes decisions related to the allocation of resources to the segments and assesses their performance.

For management purposes, the Group is organized into business units based on types of products and services. The major segments of the Group are as follows:

Upstream Petroleum and Natural Gas Business Group

1. Petroleum exploration and production business:

The Group conducts petroleum exploration and production business both domestically and overseas. The Group is the operator and jointly invests with leading petroleum exploration and production companies. Most domestic projects are located in the Gulf of Thailand, while overseas projects are located in Asia Pacific, North America, Africa and the Middle East.

2. Natural gas business:

The Group conducts natural gas business including procurement, natural gas pipeline transmission, distribution, and natural gas separation. Products from the natural gas separation plants are used as feedstock for the petrochemical industry and as fuel in the household, transportation and industry sectors.

Downstream Petroleum Business Group

1. Oil business:

The Group conducts marketing of petroleum products and lube oil in both domestic and overseas markets under an efficient operating system of procurement, storage, and distribution of products as well as the retail business at service stations.

2. International trading business:

The Group conducts international trading business including the import and export of petroleum and petrochemical products as well as other related products. This includes the management of risks arising from oil trading and the procurement and distribution of petroleum and petrochemical products in international markets.

3. Petrochemical and Refining business:

The Group conducts refining business including the production and distribution of petroleum and petrochemicals products in both domestic and overseas markets.

Coal Business

The Group conducts coal mining business, involving overseas exploration, production and distribution of coals.

Other operations of the Group are included in other segments, none of which constitutes a separately reportable segment.

25. Operating Segments (Continued)Consolidated financial statements

For the three-month period ended June 30, 2016

	Upstream petroleum and natural gas		Downstream petroleum			Coal	Others	Elimination	Unit: Million Baht Total
	Petroleum exploration and production	Natural gas	Oil	International trading	Petrochemicals and Refining				
Sales - others	4,643.63	83,047.43	118,290.67	91,021.13	119,834.89	3,705.13	(95.70)	-	420,447.18
- related parties	33,650.52	31,162.60	1,277.89	91,263.07	60,750.17	-	1,119.27	(219,223.52)	-
Net sales	38,294.15	114,210.03	119,568.56	182,284.20	180,585.06	3,705.13	1,023.57	(219,223.52)	420,447.18
Gross profit (loss)*	33,216.98	19,937.37	9,830.15	1,694.62	31,853.60	1,042.60	(156.20)	(826.61)	96,592.51
EBITDA	27,820.21	16,975.03	6,941.40	2,236.56	27,748.55	782.69	(283.74)	(69.70)	82,151.00
Depreciation and amortization expenses	18,260.23	4,509.35	928.50	8.11	7,477.35	491.37	251.30	(0.48)	31,925.73
Segment operating profit (loss)	9,559.98	12,465.68	6,012.90	2,228.45	20,271.20	291.32	(535.04)	(69.22)	50,225.27
Share of profit (loss) from investments in joint ventures and associates	16.61	226.20	241.24	-	345.60	(0.08)	9.46	-	839.03
Others	-	36.99	7.77	6.48	(10.95)	-	174.69	-	214.98
Unallocated revenue and expenses:									
Interest income									1,556.34
Loss on derivatives									(4,070.91)
Loss on exchange rate									(248.16)
EBIT									48,516.55
Finance costs									(7,244.66)
EBT									41,271.89
Income taxes									(6,911.71)
Profit for the period									34,360.18
Profit attributable to:									
Owners of the parent									24,878.99
Non-controlling interests									9,481.19
Profit for the period									34,360.18

* Gross profit (loss) excludes depreciation and amortization expenses in cost of sales.

25. Operating Segments (Continued)Consolidated financial statements

For the six-month period ended June 30, 2016

								Unit: Million Baht	
	Upstream petroleum and natural gas		Downstream petroleum			Coal	Others	Elimination	Total
	Petroleum exploration and production	Natural gas	Oil	International trading	Petrochemicals and Refining				
Sales - others	9,870.69	170,673.89	230,037.12	158,753.61	231,039.62	6,968.55	43.76	-	807,387.24
- related parties	66,588.14	61,821.29	2,293.34	174,438.94	125,750.47	-	2,098.80	(432,990.98)	-
Net sales	76,458.83	232,495.18	232,330.46	333,192.55	356,790.09	6,968.55	2,142.56	(432,990.98)	807,387.24
Gross profit (loss)*	66,592.34	37,050.72	18,543.23	2,031.86	56,567.95	2,012.72	(227.91)	(1,012.71)	181,558.20
EBITDA	56,368.65	31,536.58	12,816.32	2,899.86	48,663.82	1,486.40	(158.81)	(119.29)	153,493.53
Depreciation and amortization expenses	36,763.63	8,910.98	1,808.29	16.26	14,884.85	870.55	499.75	(1.01)	63,753.30
Segment operating profit (loss)	19,605.02	22,625.60	11,008.03	2,883.60	33,778.97	615.85	(658.56)	(118.28)	89,740.23
Share of profit (loss) from investments in joint ventures and associates	35.35	677.49	490.67	-	500.90	(0.30)	(0.40)	-	1,703.71
Others	-	167.66	31.95	6.06	(16.24)	-	184.76	(143.79)	230.40
Unallocated revenue and expenses:									
Interest income									3,160.35
Loss on derivatives									(4,987.32)
Gain on exchange rate									2,100.63
EBIT									91,948.00
Finance costs									(14,479.74)
EBT									77,468.26
Income taxes									(10,709.54)
Profit for the period									66,758.72
Profit attributable to:									
Owners of the parent									48,547.88
Non-controlling interests									18,210.84
Profit for the period									66,758.72

* Gross profit (loss) excludes depreciation and amortization expenses in cost of sales.

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25. Operating Segments (Continued)

Consolidated financial statements

As at June 30, 2016

	Upstream petroleum and natural gas		Downstream petroleum			Coal	Others	Elimination	Unit: Million Baht Total
	Petroleum exploration and production	Natural gas	Oil	International trading	Petrochemicals and Refining				
Segment assets	645,291.98	409,423.24	91,184.32	60,593.87	687,949.95	31,426.87	153,348.78	-	2,079,219.01
Inter-company assets	13,629.77	10,581.53	1,502.90	27,792.56	13,866.54	3.61	35,242.83	(102,619.74)	-
Investments in joint ventures and associates	913.09	18,563.00	4,575.53	-	36,865.39	144.22	473.06	-	61,534.29
Total segment assets	659,834.84	438,567.77	97,262.75	88,386.43	738,681.88	31,574.70	189,064.67	(102,619.74)	2,140,753.30
Non-allocated assets									11,719.14
Total assets									<u>2,152,472.44</u>

25. Operating Segments (Continued)Consolidated financial statements

For the three-month period ended June 30, 2015

	Unit: Million Baht								
	Upstream petroleum and natural gas		Downstream petroleum			Coal	Others	Elimination	Total
	Petroleum exploration and production	Natural gas	Oil	International trading	Petrochemicals and Refining				
Sales - others	5,437.54	103,829.72	133,716.75	141,585.56	148,140.77	3,184.09	250.60	-	536,145.03
- related parties	42,820.60	34,551.18	721.33	130,727.29	90,948.84	-	1,030.40	(300,799.64)	-
Net sales	48,258.14	138,380.90	134,438.08	272,312.85	239,089.61	3,184.09	1,281.00	(300,799.64)	536,145.03
Gross profit (loss)*	41,487.83	18,049.91	7,680.69	1,296.27	36,638.45	818.67	(33.38)	(469.44)	105,469.00
EBITDA	34,277.21	13,741.59	4,525.34	1,077.47	33,519.82	495.76	478.90	(739.94)	87,376.15
Depreciation and amortization expenses	24,093.12	3,802.08	848.21	7.95	6,774.08	752.09	394.42	(0.51)	36,671.44
Segment operating profit (loss)	10,184.09	9,939.51	3,677.13	1,069.52	26,745.74	(256.33)	84.48	(739.43)	50,704.71
Share of profit (loss) from investments in joint ventures and associates	30.55	279.72	208.61	-	1,997.77	(0.15)	(83.23)	-	2,433.27
Reversal of (allowance for) doubtful accounts	-	109.74	(51.92)	(6.27)	(649.86)	14.23	594.58	(594.58)	(584.08)
Others	3.20	(2.44)	1.67	-	(7.46)	-	3,186.43	12.47	3,193.87
Unallocated revenue and expenses:									
Interest income									1,569.49
Loss on derivatives									(3,210.19)
Loss on exchange rate									(3,289.38)
EBIT									50,817.69
Finance costs									(7,829.22)
EBT									42,988.47
Income taxes									(8,989.31)
Profit for the period									33,999.16
Profit attributable to:									
Owners of the parent									23,745.66
Non-controlling interests									10,253.50
Profit for the period									33,999.16

* Gross profit (loss) excludes depreciation and amortization expenses in cost of sales.

25. Operating Segments (Continued)Consolidated financial statements

For the six-month period ended June 30, 2015

	Unit: Million Baht								
	Upstream petroleum and natural gas		Downstream petroleum			Coal	Others	Elimination	Total
	Petroleum exploration and production	Natural gas	Oil	International trading	Petrochemicals and Refining				
Sales - others	10,218.14	209,857.33	266,660.24	276,318.82	280,013.46	7,877.31	410.33	-	1,051,355.63
- related parties	85,672.26	68,745.09	1,559.71	234,078.60	175,241.08	-	1,957.76	(567,254.50)	-
Net sales	95,890.40	278,602.42	268,219.95	510,397.42	455,254.54	7,877.31	2,368.09	(567,254.50)	1,051,355.63
Gross profit (loss)*	82,610.64	30,747.57	14,743.42	1,726.35	61,168.92	2,677.80	(29.97)	(1,207.47)	192,437.26
EBITDA	69,968.90	22,945.09	8,540.24	1,234.26	53,874.81	1,957.41	888.40	(1,290.70)	158,118.41
Depreciation and amortization expenses	47,862.06	7,538.74	1,612.73	15.86	13,376.55	1,648.50	781.26	(1.00)	72,834.70
Segment operating profit	22,106.84	15,406.35	6,927.51	1,218.40	40,498.26	308.91	107.14	(1,289.70)	85,283.71
Share of profit (loss) from investments in joint ventures and associates	68.24	516.44	456.63	-	3,438.14	(0.28)	(154.86)	-	4,324.31
Reversal of (allowance for) doubtful accounts	-	109.74	(52.08)	(6.27)	2,173.23	-	675.01	(675.01)	2,224.62
Others	14.43	(2.84)	1.88	-	17.00	-	3,259.44	12.47	3,302.38
Unallocated revenue and expenses:									
Interest income									3,204.25
Loss on derivatives									(1,740.11)
Loss on exchange rate									(1,348.05)
EBIT									95,251.11
Finance costs									(15,721.84)
EBT									79,529.27
Income taxes									(12,439.85)
Profit for the period									67,089.42
Profit attributable to:									
Owners of the parent									46,329.52
Non-controlling interests									20,759.90
Profit for the period									67,089.42

* Gross profit (loss) excludes depreciation and amortization expenses in cost of sales.

(UNOFFICIAL TRANSLATION)

25. Operating Segments (Continued)

Consolidated financial statements

As at December 31, 2015

	Upstream petroleum and natural gas		Downstream petroleum			Coal	Others	Elimination	Unit: Million Baht
	Petroleum exploration and production	Natural gas	Oil	International trading	Petrochemicals and Refining				Total
Segment assets	682,164.43	405,877.55	88,472.60	79,988.15	668,755.36	31,752.72	144,529.17	-	2,101,539.98
Inter-company assets	17,884.47	12,773.24	1,969.17	32,077.88	20,153.89	27.16	35,676.08	(120,561.89)	-
Investments in joint ventures and associates	1,046.17	17,642.32	5,427.68	-	37,274.56	143.76	485.58	-	62,020.07
Total segment assets	701,095.07	436,293.11	95,869.45	112,066.03	726,183.81	31,923.64	180,690.83	(120,561.89)	2,163,560.05
Non-allocated assets									10,436.14
Total assets									<u>2,173,996.19</u>

Pricing among business groups is based on normal market prices except for pricing among business groups within the Company, for which net market prices, after deducting management fees for petroleum terminals and operating fees, are applied.

26. Fair Value Measurement of Financial Instruments

As at June 30, 2016 and December 31, 2015, the Group had the following assets and liabilities that were measured at fair value using different levels of inputs:

As at June 30, 2016

	Unit: Million Baht		
	Consolidated financial statements		
	Level 1	Level 2	Total
Financial assets measured at fair value			
Available-for-sale investments			
Equity instruments	5,432.34	1.41	5,433.75
Mutual funds	10,351.05	-	10,351.05
Derivatives			
Foreign currency forward contracts	-	449.27	449.27
Cross-currency swap contracts	-	7,616.44	7,616.44
Interest rate swap contracts	-	921.15	921.15
Commodity swap contracts	656.31	4,236.00	4,892.31
Other derivative contracts	-	516.09	516.09
Financial liabilities measured at fair value			
Derivatives			
Foreign currency forward contracts	-	435.92	435.92
Cross-currency swap contracts	-	6,278.06	6,278.06
Interest rate swap contracts	-	328.01	328.01
Commodity swap contracts	999.75	11,477.03	12,476.78
Other derivative contracts	-	20.97	20.97

26. Fair Value Measurement of Financial Instruments (Continued)

As at June 30, 2016 (Continued)

	Unit: Million Baht		
	Separate financial statements		
	Level 1	Level 2	Total
Financial assets measured at fair value			
Available-for-sale investments			
Equity instruments	5,276.32	-	5,276.32
Mutual funds	10,206.01	-	10,206.01
Derivatives			
Cross-currency swap contracts	-	2,237.07	2,237.07
Interest rate swap contracts	-	786.90	786.90
Financial liabilities measured at fair value			
Derivatives			
Cross-currency swap contracts	-	1,227.19	1,227.19
Interest rate swap contracts	-	148.39	148.39

26. Fair Value Measurement of Financial Instruments (Continued)

As at December 31, 2015

Unit: Million Baht

	Consolidated financial statements		
	Level 1	Level 2	Total
Financial assets measured at fair value			
Available-for-sale investments			
Equity instruments	5,043.26	-	5,043.26
Mutual funds	8,309.73	-	8,309.73
Derivatives			
Foreign currency forward contracts	-	295.51	295.51
Cross-currency swap contracts	-	6,772.58	6,772.58
Interest rate swap contracts	-	448.52	448.52
Commodity swap contracts	2,136.10	6,466.26	8,602.36
Other derivative contracts	-	601.84	601.84
Financial liabilities measured at fair value			
Derivatives			
Foreign currency forward contracts	-	479.19	479.19
Cross-currency swap contracts	-	7,099.16	7,099.16
Interest rate swap contracts	-	365.65	365.65
Commodity swap contracts	923.30	8,813.04	9,736.34
Other derivative contracts	-	27.09	27.09

26. Fair Value Measurement of Financial Instruments (Continued)

As at December 31, 2015 (Continued)

Unit: Million Baht

	Separate financial statements		
	Level 1	Level 2	Total
Financial assets measured at fair value			
Available-for-sale investments			
Equity instruments	4,939.04	-	4,939.04
Mutual funds	8,169.75	-	8,169.75
Derivatives			
Cross-currency swap contracts	-	159.11	159.11
Interest rate swap contracts	-	292.50	292.50
Financial liabilities measured at fair value			
Derivatives			
Cross-currency swap contracts	-	1,652.43	1,652.43
Interest rate swap contracts	-	176.81	176.81

Valuation techniques and inputs to Level 2 valuation

The fair values of bonds and derivatives were determined based on discounted future cash flow and valuation model techniques, using an appropriate risk-adjusted discount rate. Most of the inputs used for the valuation are observable in the relevant markets such as spot rates of foreign currencies, yield curves of the respective currencies, interest rate yield curves, yield curves of bonds and commodity price yield curves, etc.

During the current period, there was no transfer between within the fair value hierarchy.

27. Dividend Payment

On April 11, 2016, at the 2016 Annual General Shareholders' Meeting of the Company, the shareholders approved dividend payments for the year 2015 of Baht 10.00 per share, approximately amounting to Baht 28,560.92 million. On September 25, 2015, the Company paid an interim dividend for the operating results of the first half of 2015 at Baht 6.00 per share for 2,856,090,628 shares, amounting to Baht 17,136.54 million. The remaining dividends were paid as follows:

Dividends	For operating period	Dividend payment rate (Baht/share)	Number of shares (shares)	Total dividend (Million Baht)	Payment date
For the year 2015	July 1, 2015 - December 31, 2015	4.00	2,856,093,871	11,424.38	April 29, 2016

28. Proceeding regarding the Central Administrative Court's Ordering Temporary Suspension of Projects in Map Ta Phut Area

On June 19, 2009, the Stop Global Warming Association and a group of individuals totaling 43 parties (the Petitioners) filed a complaint with the Central Administrative Court (the Court) as the black case No. 908/2552, against eight government agencies, together with a motion seeking the Court injunction to temporarily suspend all operations and activities of 76 industrial projects in the Map Ta Phut area in Rayong province.

On September 29, 2009, the Court ordered the temporary injunction by requiring the eight accused government agencies to issue the order to temporarily suspend all 76 projects pending the Court's judgment or order otherwise, except for those projects or activities which received the permits before the effective date of the Constitution of Kingdom of Thailand B.E. 2550 or which were not required to prepare the Environmental Impact Assessment (EIA) reports pursuant to the Ministerial Announcement of Ministry of Natural Resources and Environment dated June 16, 2009. 25 projects of the Group were under the suspension order, and three of those 25 projects belonged to the Company.

On October 16, 2009, the Group, as an interested person, submitted a motion to appeal the Court's order to the Supreme Administrative Court.

On December 2, 2009, the Supreme Administrative Court issued an order No. 592/2552 amending the Court's injunction by requiring the eight accused government agencies to order the temporary suspension of all projects or activities listed in the complaint except for 11 projects, which clearly, according to the Supreme Administrative Court, did not severely affect the community but were projects intended to mitigate pollution or only additional installation to the existing projects. Among those 11 projects, seven of them belonged to the Group, comprising one project of the Company and six projects of the other companies in the Group. Two projects of the Company were still under the Court's order to suspend.

On December 18, 2009, the public prosecutor submitted the answer rejecting all allegations in the complaint.

On September 2, 2010, the Court rendered a judgment revoking the permit of the projects listed in the complaint which, according to the law, were categorized as project that might severely affect the community and did not comply with the procedures set forth in Section 67 paragraph 2 of the Constitution, B.E. 2550. The revocation was effective as of the date of the judgment. One project of the Group is within the scope of the judgment.

On October 1, 2010, the 43 prosecutors appealed the Court's judgment to the Supreme Administrative Court. On December 7, 2010, the eight accused government agencies by the public prosecutors submitted a reply to the appeal. The appeal is currently under the consideration of the Supreme Administrative Court.

29. Commitments and Contingent Liabilities

Details of significant changes in commitments and contingent liabilities are as follows:

29.1 Details of commitments to subsidiaries, joint ventures, associates and other related companies are as follows:

29.1.1 The Group has provided loans to its subsidiaries and joint ventures with credit limits totaling Baht 98,673.27 million. As at June 30, 2016, the Group made payments in respect of these loans totaling Baht 90,189.98 million. The remaining credit limits were Baht 8,483.29 million.

29.1.2 The Company entered into the Sponsor Support Agreements with subsidiaries and joint ventures with credit limits equal to the sum of the loan obligations to financial institutions of such subsidiaries and joint ventures. Under these agreements, as at June 30, 2016, the Company had commitments of USD 309.72 million or equivalent to Baht 10,946.62 million.

29.1.3 The Company had obligations under the Shareholder Agreements to pay for ordinary shares in proportion to its shareholding. As at June 30, 2016, the Company had remaining obligations amounting to Baht 6,570.62 million.

29.2 Commitments under operating leases - the Group as a lessee, the future minimum lease payments under uncancellable operating leases as at June 30, 2016 and December 31, 2015 are as follows:

	Unit: Million Baht			
	Consolidated		Separate	
	financial statements	financial statements	financial statements	financial statements
	June 30, 2016	December 31, 2015	June 30, 2016	December 31, 2015
Within 1 year	2,408.53	2,571.37	68.04	76.82
Over 1 year but not over 5 years	5,061.06	5,815.44	309.82	300.51
Over 5 years	7,193.45	5,217.06	1,131.68	1,048.57
Total	<u>14,663.04</u>	<u>13,603.87</u>	<u>1,509.54</u>	<u>1,425.90</u>

29.3 As at June 30, 2016, the Group had capital commitments of Baht 25,313.82 million in the consolidated financial statements.

29.4 As at June 30, 2016, the Group had outstanding letters of credit of Baht 1,999.26 million in the consolidated financial statements and Baht 1,723.88 million in the separate financial statements.

29.5 As at June 30, 2016, the Group had contingent liabilities in the form of letter of guarantee amounting to Baht 27,667.35 million in the consolidated financial statements and Baht 128.15 million in the separate financial statements.

29. Commitments and Contingent Liabilities (Continued)

29.6 A subsidiary entered into a contract to sell a product to the Company and the Company entered into a contract to resell the same product to a listed company. The term of the two contracts was 15 years, expiring on January 31, 2012. Before the expiration of the contract, the subsidiary notified the Company that the contract would not be renewed. Consequently, without product to resell, the Company had to notify the listed company that the contract would also not be renewed. The Company's notice was served to the listed company in accordance with the terms and conditions set forth in the contract. On December 3, 2009, the listed company submitted claims with the Thai Arbitration Institute (the Institute) requesting that the Company and the subsidiary, as the seller and the supplier, respectively, comply with the contracts by continuing to sell the product to the listed company or be jointly liable to pay damages.

On February 10, 2010, the subsidiary submitted motion with the Institute asking to dismiss the claims against it from the case list. The Institute issued an order to dismiss the claims relating to the subsidiary.

The Company forwarded the case to the Office of the Attorney General to submit a defense to the Institute. On April 28, 2010, the public prosecutor submitted the defense with the Institute for the Company. The tribunal finished the witness examination. Consequently, on March 25, 2016, the tribunal ruled that the Company make a partial payment for damages to the listed company. However, the Company was of the opinion that the arbitral award might be both factually and legally inconsistent. Therefore, the Company will exercise its legal right by filing a motion with the court requesting the arbitral award be revoked. On June 30, 2016, the Company by the public prosecutor filed a motion to revoke the arbitral award with the Civil Court. Currently, the case is under the consideration of the Civil Court.

29. Commitments and Contingent Liabilities (Continued)

29.7 On May 26, 2010, the contractor for an onshore natural gas pipeline construction project (the “Contractor”) submitted claims to the Thai Arbitration Institute (the Institute) seeking overdue payment and damages from the Company for the work performed in connection with the project. The Company, however, considered that the submission of the claims was incompliant with the dispute resolution procedure agreed upon under the contract. Therefore, the Company filed an opposition to the Contractor’s claim submission with the Institute and reserved right to protest such contractually incompliant claim submission in the arbitration procedure. After the claim submission, the Central Bankruptcy Court ordered the Contractor be under an absolute receivership which rendered the official receiver to have sole power in any litigation pertaining to the Contractor’s assets. Subsequently, the Contractor’s official receiver has petitioned the Institute to substitute the Contractor in the dispute against the Company. Regarding the Contractor’s bankruptcy case, the Company submitted, as a creditor, a motion for receiving a debt payment in accordance with the law. With respect to the arbitration process, the Company submitted the defense together with counterclaims seeking damages from the Contractor. Subsequently, the arbitral tribunal rendered an award ordering the Company to partially pay for the Contractor’s claims. However, the Company considered that the arbitral award is materially erroneous both in fact and in law, in which case, the Company has a right to protest against such award with the Court of competent jurisdiction requesting for the revocation of the award and therefore the Company has filed the motion to revoke the arbitral award with the Central Administrative Court. Currently the Central Administrative Court has summoned the contractor to submit its opposition and the case is now under the consideration of the Court.

On September 8, 2010, the Contractor by the official receiver submitted the claims to the Institute seeking overdue payment and damages from the Company for the work performed in connection with another pipeline construction project. The Company, however, considered that the submission of the claims was incompliant with the dispute resolution procedure agreed upon under the contract. Therefore, the Company filed an opposition to the Contractor’s claim submission with the Institute and reserved the right to protest such contractually incompliant claim submission in the arbitration procedure. In contention against the alleged claims, the Company submitted the defense together with counterclaims seeking damages from the Contractor. Currently, the arbitral tribunal has been appointed and the case is now under the consideration of the tribunal.

29.8 On September 22, 2011, six petitioners, led by the Thailand Watch Foundation filed, a lawsuit against the Company and the Ministry of Finance with the Central Administrative Court (the Court) alleging that the Company’s privatization, the share distribution and the asset evaluation were in violation of law, and therefore, asked for the Court’s judgment that the sale of the Company’s shares be null and void and the shares be resold. The petitioners also asked that the shares in oil refinery plants owned by the Company be returned to state ownership or be sold to the public in order to cease the Company’s monopoly in the oil refinery industry. In addition, the petitioners sought the Court’s order of the confiscation of the Company’s properties, which had been obtained by operation of public law or the force-sale of the Company’s gas separation plants to discontinue the monopoly. In response, the Company rejected all allegations and the Company by the public prosecutor submitted the answer and additional answer with the Court. Currently, the case is under the consideration of the Court.

29. Commitments and Contingent Liabilities (Continued)

29.9 On February 25, 2014, the contractor for an on-shore natural gas pipeline construction project (the “Contractor”) filed a lawsuit against the Company with the Civil Court on the grounds of wrongful termination and breach of contract and claimed for outstanding payment of the work and damages. On the contrary, the Company considered that all of the Company’s actions have been in accordance with the terms and conditions of the contract. Therefore, the Company forwarded the case to the Office of The Attorney General for consideration to arguing the case for the Company and the prosecutor has submitted the answer with the Court. Consequently, the Court ordered the case be transferred to the Central Administrative Court for consideration and judgment because the Civil Court and the Central Administrative Court has the corresponding opinions that this case was an administrative case. The Civil Court transferred this case to the Central Administrative Court. Currently, the case is under the consideration of the Central Administrative Court.

29.10 On August 26, 2010, PTTEP Australasia Pty Ltd (PTTEP AA) received a letter claiming for compensation in relation to an incident of oil and natural gas leak in Montara area under PTTEP Australasia project from the Government of Indonesia. PTTEP AA has submitted the letter rejecting the claim for the compensation because the evidence provided by the Government of Indonesia is considered unproven and unsubstantiated. No verifiable scientific evidence has yet been provided to support the claim.

On October 3, 2014, PTTEP AA has been notified by the lawyer acting on behalf of the West Timor Care Foundation (the “WTCF”), a representative of West Timorese coastal fishermen and seaweed farmers who claim to have been affected by the Montara spill in 2009.

Subsequently on March 11, 2016, PTTEP AA received a notification letter from a representative of seaweed farmers stated that there will be a prosecution to the court in Australia to claim for the compensation. However, on March 24, 2016, PTTEP AA submitted the letter rejecting the claim and requested for additional information related to the claim to the representative of seaweed farmers. At present, PTTEP AA has not received any response and the prosecution has not yet been made.

Currently, PTTEP considers that the claims from the Government of Indonesia, the WTCF and the representative of seaweed farmers remain unproven and unsubstantiated.

29.11 During the third quarter of 2014, the number of people in Rayong filed several lawsuits with the Civil Court and Rayong Provincial Court against PTTGC to claim the extra compensation from oil spill incident and to perform the rehabilitation of the sea and natural environmental recovery. Currently, some cases have been dismissed and the remaining cases are under the consideration of the Courts. PTTGC believes that the outcome of the consideration will not result in material damage and material financial impact to PTTGC. Therefore, PTTGC has not provided against any loss that may result from this matter in the financial statements.

30. Other Event

On April 4, 2016, the Ombudsman of Thailand submitted a complaint to the Administrative Court (the Court) against the Minister of Finance, the Minister of Energy, the Company and other defendants as the black case No. 510/2559, requesting the Court as follows:

- 1) To revoke the Cabinet Resolutions on December 18, 2007 and August 10, 2010.
- 2) To order the Minister of Finance, the Minister of Energy and the Company to conduct a separation and transfer of net assets according to the plaintiff's allegation as of September 30, 2001 amounting to Baht 68,569.69 million, including other compensations and benefits.
- 3) To revoke the separation of public assets and the preferential rights to establish the gas pipeline system according to the plaintiff's allegation.

On May 26, 2016, the Court ordered the Company to submit a defense, responding to the particular issue that was whether the Company completely transferred the assets of the Petroleum Authority of Thailand (the tenth defendant), which were public assets, to the first defendant (the Minister of Finance) in accordance with the Cabinet Resolution on December 18, 2007. Currently, the public prosecutor is preparing the defense for submitting to the Court.

Nevertheless, on December 14, 2007, the Supreme Administrative Court in red case No. Fo. 35/2550, rendered the judgment ordering the co-defendants to mutually transfer the public assets to the Minister of Finance, according to the judgment. Therefore, on December 18, 2007, the cabinet acknowledged the aforesaid judgment and ordered the Minister of Finance and the Minister of Energy to mutually conduct with the judgment. On December 26, 2008, the Supreme Administrative Court declared that the Company and all relevant organizations had completely complied with the judgment of the Supreme Administrative Court. Furthermore, the plaintiff and the co-plaintiffs had submitted a complaint regarding the separation of public assets to the Court for four times. The Court had ordered to dismiss the case and reaffirmed that the judgment of the red case No. Fo. 35/2550 was completed. Consequently, on August 10, 2010, the cabinet acknowledged the conduct of the Supreme Administrative Court judgment in accordance with the proposals of the Minister of Energy and of the Minister of Finance.

31. Events after the Reporting Period

- 31.1 On April 22, 2016, at the Board of Directors Meeting No. 4/2016 of the Company, the Board passed a resolution to decrease the authorized share capital of Trans Thai-Malaysia (Thailand) Company Limited (TTM(T)) from Baht 11,333.60 million to no less than Baht 8,600 million, through a reduction in capital of no more than Baht 2,732 million. On July 25, 2016, TTM(T) registered the decrease in its authorized share capital from Baht 11,333.60 million to Baht 8,683.60 million by decreasing 265 million ordinary shares of Baht 10 each, or amounting to Baht 2,650 million. The Company received capital return of Baht 1,325 million on July 28, 2016.
- 31.2 The Audit Committee of the Company approved these financial statements for public issuance on August 15, 2016.