



PTT AND ITS AFFILIATES

Company	Nature of Business	Shareholding percentage
Subsidiaries : Natural Gas Business Group		
1. PTT Exploration and Production Plc. (PTTEP) Office : PTTEP Office Bldg. 555 Vibhavadi-Rangsit Rd., Chatuchak, Bangkok 10900, Thailand Tel : (662) 537-4000 Fax : (662) 537-4444 Website : www.pttep.com	Participate in petroleum exploration and production projects both in Thailand and overseas. Currently, PTTEP and its subsidiaries have invested in altogether 17 projects	62.84
Oil Business Group		
2. PTT Philippines Inc. (PTTPI) Office : 19th Fl., Tower One Bldg., Unit B Ayala Triangle, Ayala Avenue, Makati City, Metro Manila, Philippines Tel: (632) 8486273-6 Fax : (632) 8486271	Engage in wholesale and retail petroleum marketing through PTT Service Stations and other non-oil business in the Philippines.	100.00
3. PTT International Trading Pte., Ltd. (PTTT) Office : 391 B Orchard Road, #93 - 10A, Ngee-Anh City, Tower B, Singapore Tel : (656) 734-6540 Fax : (656) 734-3397	Involve in international oil trading, sell oil to offshore facilities and participate in the bidding for oil sale to international industrial market and duty free market.	100.00
4. PTT (Cambodia) Company Limited (PTTCL) Office : 182 Norodom Boulevard, Sangkat Tunlebasac, Khan Chamkamorn, Phnom Penh, Cambodia Tel : 855-23-362819, 362821, 362822 Fax : 855-23-213987 E-mail : pttcambodia@bigpond.com.kh	Market and distribute PTT products, provide refueling service and asset management	100.00
Petrochemical Business Group		
5. Thai Olefins Company Limited (TOC) Office : 2nd Fl., PTTEP Office Bldg. 555 Vibhavadi-Rangsit Rd., Chatuchak, Bangkok 10900, Thailand Tel : (662) 537-5615 Fax : (662) 537-5648 Website : www.toc.co.th	Manufacture and distribute olefins to intermediate petrochemical plants in Mab Ta Phut Industrial Estate	63.03

Company	Nature of Business	Shareholding percentage
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Associated : Natural Gas Business Group

<p>6. PTT Natural Gas Distribution Co., Ltd. (PTT NGD)</p> <p>Office : 23rd Fl. RasaTower Bldg. 555 Phaholyothin Rd., Ladyao, Chatuchak, Bangkok 10900, Thailand Tel : (662) 937-0620-4 Fax : (662) 937-0627 Website : www.pttngd.co.th</p>	<p>Operate pipeline distribution network to supply natural gas to potential customers located in industrial areas around Bangkok Metropolitan and nearby through its pipeline distribution network</p>	<p>49.00</p>
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Oil Business Group

<p>7. PTT Mart Co., Ltd. (PTT Mart)</p> <p>Office : 2 Moo 15 Phra khanong, Khlongtoey, Bangkok 10250, Thailand Tel : (662) 239-7888 Fax : (662) 239-7855, 7877</p>	<p>Operate convenience store under am/pm brand name at service station (business closed)</p>	<p>49.00</p>
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<p>8. Thai Lube Blending Co., Ltd. (TLBC)</p> <p>Office : 8th Fl., PTT. Phra khanong Tower 2 Arjnarong Rd., Phra khanong, Khlongtoey, Bangkok 10250, Thailand Tel : (662) 712-2000 Ext 7838 Fax : (662) 712-2000 Ext 7822</p>	<p>Blend and bottle the lube oil under the trademark of PTT and TOTAL and provide the lube oil blending services for other companies</p>	<p>48.95</p>
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<p>9. Vietnam LPG Co., Ltd. (VLPg)</p> <p>Office : Dongnai Port, Long Binh Tan Ward, Bien Hoa City, Donghai Province, S.R.Vietnam Tel : (8461) 831578, 831-988-9 Fax : (8461) 832008</p>	<p>Operate an LPG Depot and bottling plant, and provide other services related to LPG in Vietnam</p>	<p>45.00</p>
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<p>10. Keloil-PTT LPG Sdn.Bhd. (KELOIL)</p> <p>Office : Lot 1663, Mukim Senak, 16020 Tawang, Bachok Kelantan Darulnaim, Malaysia Tel : (609) 7769061, 3 Fax : (609) 7769064</p>	<p>Operate LPG bottling and wholesale to serve industrial customers in Malaysia</p>	<p>40.00</p>
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<p>11. PetroAsia (Thailand) Co., Ltd. (PA (Thailand))</p> <p>Office : 27th Fl., Fortune-House Tower 1 Ratchadapisek Road, Dindaeng, Bangkok 10320, Thailand Tel : (662) 641-1616, 1629 Fax : (662) 641-1666</p>	<p>Operate oil service stations and retail petroleum products received from PTT</p>	<p>35.00</p>
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Company	Nature of Business	Shareholding percentage
<p>12. Thai Petroleum Pipeline Co., Ltd. (Thappline)</p> <p>Office : 2/8 Moo 11 Lumlukka Rd., Tambol Ladsawai Lumlukka, Patumthani 12150, Thailand Tel : (662) 991-9130-59 Fax : (662) 991-9162 Website : www.thappline.co.th</p>	<p>Provide oil transportation service through pipeline system from Sriracha to Lamlukka Depot, Don Muang International Airport and Saraburi Depot</p>	30.60
<p>13. PetroAsia (Sanshui) Co., Ltd. (PA (Sanshui))</p> <p>Office : He Kou Cargo Railway Station West Side, Sanshui, Guangdong 528100, P.R.C. Tel : (86-757) 767-2328 Fax : (86-757) 767-2338</p>	<p>Operate oil depots, LPG storage and petroleum retail and wholesale in China</p>	25.00
<p>14. PetroAsia (Huizhou) Co., Ltd. (PA (Huizhou))</p> <p>Office : 50 E-Ling Nari Rd., Huizhou, Guangdong, P.R.C. Tel : (86-752) 227-1386</p>	<p>Operate oil depots, LPG storage and petroleum retail and wholesale in China</p>	25.00
Petrochemical Business Group		
<p>15. Aromatics (Thailand) Public Company Limited (ATC)</p> <p>Office : 2nd Fl., PTTEP Office Bldg. 555 Vibhavadi-Rangsit Rd., Chatuchak, Bangkok 10900, Thailand Tel : (662) 537-5710-1 Fax : (662) 936-3097 Website : www.aromatics.co.th</p>	<p>Manufacture and distribute aromatics used in petrochemical industry</p>	46.33
<p>16. National Petrochemical Public Company Limited (NPC)</p> <p>Office : 30-35th Fl., Sun Tower B Bldg. 123 Vibhavadi-Rangsit Rd., Chatuchak, Bangkok 10900, Thailand Tel : (662) 617-7800 Fax : (662) 617-7888 Website : www.npc.co.th</p>	<p>Manufacture olefins (ethylene and propylene) and by-products to intermediate petrochemical plants in Mab Ta Phut Industrial Estate</p>	37.94
<p>17. Thai Paraxylene Company Limited (TPX)</p> <p>Office : 105/12 Moo 2, Tambol Tungsukkala, Sriracha, Chonburi 20230, Thailand Tel : (6638) 351317-9 Fax : (6638) 351320</p>	<p>Manufacture and distribute aromatics products, e.g. paraxylene</p>	23.48

Company	Nature of Business	Shareholding percentage
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18. National Fertilizer Public Company Limited (NFC)	Manufacture and distribute fertilizer	20.44
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Company Limited (NFC)

Office : 17-19th Fl., Laopengnguan Tower 1,
333 Vibhavadi-Rangsit Rd., Chatuchak, Bangkok
10900, Thailand
Tel : (662) 618-8100
Fax : (662) 618-8295
Website : www.nfc.co.th

Refinery Business Group

19. Thai Oil Company Limited (TOCL)	Operate an oil refinery for domestic use and export, invest in petrochemical, power generation and chartering businesses.	49.99
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Office : 12th Fl., Sun Tower B Bldg.
123 Vibhavadi-Rangsit Rd., Chatuchak,
Bangkok 10900, Thailand
Tel : (662) 617-8300 Fax : (662) 617-8299
Website : www.thaioil.co.th

20. Rayong Refinery Company Limited (RRC)	Operate an oil refinery for domestic use and export	36.00
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Office : 1 I-3B Road, Mab Ta Phut Industrial
Estate PO.Box 100, Mab Ta Phut, Rayong
21150, Thailand
Tel : (6638) 699000, 201
Fax : (6638) 699999

21. Star Petroleum Refining Company Limited (SPRC)	Operate an oil refinery for domestic and export	36.00
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Office : 1 I-3B Road, Mab Ta Phut
Industrial Estate PO.Box 100,
Mab Ta Phut, Rayong 21150, Thailand
Tel : (6638) 699000, 201
Fax : (6638) 699999

22. Thai Lube Base Public Company Limited (TLB)	Manufacture lube base oil and bitumen	30.00
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Office : 2nd Fl., PTTEP Office Bldg.
555 Vibhavadi-Rangsit Rd., Chatuchak,
Bangkok 10900, Thailand
Tel : (662) 537-3377, 5713
Fax : (662) 537-5714
Website : www.thailube.co.th

23. Bangchak Petroleum Public Company Limited (BCP)	Operate an oil refinery and distribute oil products and consumer products	24.29
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Office : 210 Sukhumvit Road Soi 64,
Bangchak, Phra Khanong,
Bangkok 10260, Thailand
Tel : (662) 335-4999
Fax : (662) 335-4009
Website : www.bangchak.co.th

Company	Nature of Business	Shareholding percentage
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Joint Venture : Natural Gas Business Group

<p>24. Trans Thai-Malaysia (Thailand) Limited (TTM (T))</p> <p>Office : 2nd Fl., PTTEP Office Bldg. 555 Vibhavadi-Rangsit Rd., Chatuchak, Bangkok 10900, Thailand Tel : (662) 537-3737, 5760 Fax : (662) 537-5761-6 Website : www.ttm-jda.com</p>	<p>Provide pipeline transportation service of natural gas from JDA to use in Thailand and Thai-Malaysia border, service of separation of natural gas and transportation of LPG to Thai-Malaysia border</p>	<p>50.00</p>
<p>25. Trans Thai-Malaysia (Malaysia) Sdn. Bhd. (TTM (M))</p> <p>Office : level 49, Tower 1, Petronas Twin Towers, Kuala Lumpur City Centre, 50088 Kuala Lumpur, Malaysia Tel : (663) 207-5000 Fax : (663)207-6654, 381-3563</p>	<p>Provide pipeline transportation service of natural gas and LPG to use in Malaysia</p>	<p>50.00</p>

Oil Business Group

<p>26. Subic Bay JV (Philippines)</p> <p>Office : Bldg.8344, Sulu Rd., Upper Cubi Point, Subic Bay Freeport Zone 2222 ,Philippines Tel : (6347) 2528888, 2528800 Fax : (6347) 2528880, 2528856</p>	<p>Engage in international petroleum trading in Southeast Asia and rent, lease and sell vehicles e.g. ship and pipeline, etc., for the transportation of petroleum product to customers.</p>	<p>50.00</p>
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Others : Oil Business Group

<p>27. Intoplane Services Company Limited (IPS)</p> <p>Office : 171/2 Moo 10 Vibhavadi-Rangsit Rd., Si Kan, Donmuang, Bangkok 10210, Thailand Tel : (662) 565-3811 Ext. 251 Fax : (662) 565-3823</p>	<p>Provide aircraft refueling services</p>	<p>16.67</p>
<p>28. PetroAsia (Shantou) Co., Ltd (PA (Shantou))</p> <p>Office : 23rd Fl., Evergreen Commercial Center, Unit A, Jin Sha East Rd., Shantou, Guangdong, P.R.C. Tel : (86-754) 816-6799 Fax : (86-754) 816-6806</p>	<p>Operate oil depots, LPG storage and petroleum retail and wholesale in China</p>	<p>15.00</p>
<p>29. Bangkok Aviation Fuel Services Plc. (BAFS)</p> <p>Office : 171/2 Moo 10 Vibhavadi-Rangsit Rd., Si Kan, Donmuang, Bangkok 10210, Thailand Tel : (662) 565-3811-8 Fax : (662) 565-3825 Website : www.bafsthai.com</p>	<p>Operate fuel depots and aircraft refueling services</p>	<p>7.06</p>

Company	Nature of Business	Shareholding percentage
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30. Fuel Pipeline Transportation Company Limited (FPT) Office : 424 Moo 11 Vibhavadi-Rangsit Rd., Si Kan, Donmuang, Bangkok 10210, Thailand Tel : (662) 574-6180 Ext. 217 Fax : (662) 565-3656	Provide oil transportation services from Bangchak Refinery to Don Maung Airport and Bang Pa-In Depot	2.76
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Other Businesses:

31. Dhipaya Insurance Public Company Limited (TIP) Office : 63/2 Rama 9 Road, Huay Khwang, Bangkok 10320, Thailand Tel : (662) 248-0059 Fax : (662) 248-7850, 73 Website : www.dhipaya.co.th	Operate non-life insurance and invest under the insurance law	13.33
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REVENUES STRUCTURE OF PTT AND ITS SUBSIDIARIES

Products/Services	Operated by	%	2000		2001		2002		
			Shareholding	million baht	%	million baht	%	million baht	%
1. Natural Gas Products	PTT (Natural Gas Business Group)			83,786.86	22.73	119,538.04	31.13	119,334.79	29.20
	PTT (Oil Business Group) *			21,668.46	5.88	22,152.41	5.77	21,310.38	5.21
	PTTEP	60.97		15,151.22	4.11	21,674.98	5.64	23,341.74	5.71
		(yr 02 : 62.84)							
	Less Revenues from PTTEP Natural Gas sales to PTT			(14,490.68)	(3.93)	(20,682.17)	(5.39)	(21,662.14)	(5.30)
	Less Petroleum Royalties			(2,606.75)	(0.71)	(3,199.08)	(0.83)	(3,423.65)	(0.84)
Total Revenues from Natural Gas Products				103,509.11	28.08	139,484.18	36.33	138,901.12	33.98
2. Oil Products	PTT (Oil Business Group)			252,792.70	68.59	220,561.82	57.44	224,535.52	54.93
	PTTEP	60.97		6,543.60	1.78	6,506.11	1.69	6,890.68	1.69
		(yr 02 : 62.84)							
	Less Revenues from PTTEP Crude sales to PTT			(5,346.25)	(1.45)	(5,569.55)	(1.45)	(6,532.17)	(1.60)
	PTT Philippines, Inc.	100.00		395.85	0.11	546.55	0.14	424.34	0.10
	PTT International Trading Pte., Ltd.	100.00				2,029.38	0.53	7,003.04	1.71
	PTT (Cambodia) Co., Ltd.	100.00						381.23	0.09
Total Revenues from Oil Products				254,385.90	69.02	224,074.31	58.36	232,702.64	56.93
3. Petrochemical Products	PTT (Oil Business Group)			13,559.78	3.68	14,343.35	3.74	14,906.20	3.65
	Thai Olefins Co., Ltd.	63.03						13,242.26	3.24
Total Revenues from Petrochemical Products				13,559.78	3.68	14,343.35	3.74	28,148.46	6.89
4. Others									
4.1 Other Income				4,072.15	1.10	5,460.10	1.42	6,348.41	1.55
4.2 Gain (Loss) on Exchange Rate				(2,434.10)	(0.66)	3,013.62	0.78	468.22	0.11
Total Revenues from Other Income				1,638.5	0.44	8,473.72	2.21	6,816.63	1.67
5. Share of Net Income (loss) of Associated Company				(4,512.49)	(1.22)	(2,399.25)	(0.62)	2,162.76	0.53
Grand Total				368,580.35	100.00	383,976.31	100.00	408,731.61	100.00

* Revenues from LPG sales