



PTG Energy

(PTG.BK/PTG TB)*

Neutral · Downgraded

Price as of 12 Jul 2023	10.40
12M target price (Bt/shr)	11.40
Unchanged/Revised up(down)(%)	(41.5)
Upside/downside (%)	9.6

Key messages

We expect PTG to report a 2Q23F net profit of Bt253mn (-58% YoY, -9% QoQ). The decrease YoY and QoQ would be primarily due to lower oil marketing margin. PTG's oil marketing margin is expected to fall 23% YoY and 6% QoQ to Bt1.62/liter for the quarter as a result of a longer date adjustment for the levy on diesel into Thailand's Oil Fuel Fund since mid-May. In addition, we cut our 2023F target price to Bt11.40, from Bt19.50, based on a lower PE multiple of 16.0x (implying -1.0 S.D.), from 19.0x, to reflect our earnings downgrades and the impact of a possible increase in the minimum wage under the new government. If Thailand's minimum wage is adjusted up to Bt450/day, PTG estimates a negative impact of approximately Bt0.08-0.10/liter, resulting in 21%-27% downside risk to our latest earnings forecast for 2024F. We downgrade the counter to Neutral, from Outperform.

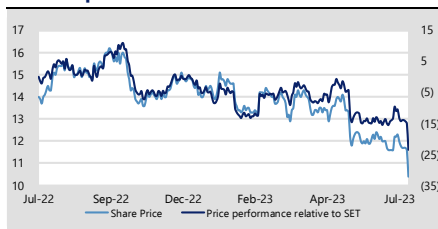
Trading data

Mkt cap (Btbn/US\$m)	17.4/499
Outstanding shares (mn)	1,670
Foreign ownership (mn)	76
3M avg. daily trading (mn)	9.7
52-week trading range (Bt)	12.90 – 16.20
Performance (%)	3M 6M 12M
Absolute	(21.8) (29.3) (26.8)
Relative	(16.5) (20.3) (24.5)

Quarterly EPS

Bt	1Q	2Q	3Q	4Q
2021	0.32	0.30	0.04	(0.05)
2022	0.10	0.36	0.11	(0.00)
2023	0.17			

Share price chart



Source: SET

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2Q23F earnings preview: Punch-drunk

Event

2Q23F earnings preview, full-year earnings revised, target price and rating downgraded.

Impact

Forecast 2Q23F earnings to decline 58% YoY and 9% QoQ

We expect PTG to report a 2Q23F net profit of Bt253mn (-58% YoY, -9% QoQ). The decrease YoY and QoQ would be primarily due to lower oil marketing margin. PTG's oil marketing margin is expected to fall 23% YoY and 6% QoQ to Bt1.62/liter for the quarter because of a longer date adjustment for the levy on diesel into Thailand's Oil Fuel Fund since mid-May, while previously the fund had adjusted the levy to match changes in crude price every day. This will impact PTG rather than other domestic competitors as the company has a high proportion of diesel sales of approximately 75% for its oil business. However, we estimate the firm's oil sales volume to grow 4% QoQ to 1,535mn liters, given the high season for agriculture in the country. We also forecast slightly higher earnings from its non-oil business thanks to i) consistently larger LPG sales volume of 155mn liters (+3% QoQ) and ii) more sales for PunThai Coffee and Max Mart, following good traffic at PTG's retail oil service stations. Its non-oil gross profit margin should also improve to 20.5%, from 20.2% in 1Q23.

Revise down our earnings projections by 31%/23% for 2023F/24F

We downgrade our earnings forecasts by 31% to Bt1.2bn in 2023F and 23% to Bt1.9bn in 2024F mainly due to a lower oil marketing margin and a softer non-oil gross profit margin. With the longer date adjustment for the levy on diesel into Thailand's Oil Fuel Fund, we lower PTG's oil marketing margin 6% to Bt1.65/liter this year and Bt1.70/liter next year. We also adjust down the non-oil gross profit margin to 21.0% for both years, down from our previous assumptions at 23.0% in 2023F and 22.0% in 2024F after we cut the company's LPG sales volume 7% to 650mn liters in 2023F and 845mn liters in 2024F, owing to slower quarterly growth from 2Q23 onward. However, we revise up our oil sales volume assumption 4% to 5,950mn liters in 2023F and 3% to 6,300mn liters in 2024F thanks to the company's good track record of approximately 3,000mn liters in 1H23F.

Valuation & action

We cut our 2023F target price to Bt11.40, from Bt19.50, based on a lower PE multiple of 16.0x (implying -1.0 S.D.), from 19.0x, to reflect the earnings downgrades and the impact of a possible increase in the minimum wage under the new government. If Thailand's minimum wage is adjusted up to Bt450/day, PTG estimates a negative impact of approximately Bt0.08-0.10/liter, resulting in 21%-27% downside risk to our latest earnings forecast for 2024F. We downgrade the counter to Neutral, from Outperform.

Risks

Volatility in oil marketing margin, oil sales volume, LPG sales volume, and biodiesel sales volume, and sales in Max Mart convenience stores.

Key financials and valuations

	Dec-20A	Dec-21A	Dec-22A	Dec-23F	Dec-24F
Revenue (Bt mn)	104,423	133,759	179,422	200,403	191,362
Gross profit (Bt mn)	10,599	10,132	12,008	12,543	13,930
EBIT (Bt mn)	3,023	2,190	2,607	2,535	3,303
Net profit (Bt mn)	1,894	1,006	934	1,193	1,889
EPS (Bt)	1.13	0.60	0.56	0.71	1.13
DPS (Bt)	0.50	0.25	0.40	0.32	0.51
EPS growth (%)	21.4	(46.9)	(7.2)	27.8	58.3
P/E (x)	14.0	25.1	25.9	14.6	9.2
P/B (x)	3.4	3.1	3.0	2.0	1.8
EV/EBITDA (x)	6.0	6.4	5.4	3.9	3.2
Net debt to equity (x)	1.1	1.0	0.8	0.6	0.5
Dividend yield (%)	3.1	1.7	2.8	3.1	4.9
Return on avg. equity (%)	25.8	12.4	11.3	13.9	20.0

Source: Company data, KGI Securities Research

Figure 1: Expect 2Q23F earnings of Bt253mn, down 58% YoY and 9% QoQ

Bt mn	2Q23F	2Q22	YoY (%)	1Q23	QoQ (%)	1H23F	1H22	YoY (%)
Revenue	50,036	46,307	8.1	50,936	(1.8)	100,972	85,277	18.4
Cost of goods sold	(46,887)	(42,877)	9.4	(47,768)	(1.8)	(94,655)	(79,271)	19.4
Gross profit	3,150	3,430	(8.2)	3,167	(0.6)	6,317	6,006	5.2
Operating expenses	(2,672)	(2,427)	10.1	(2,652)	0.8	(5,323)	(4,613)	15.4
Other incomes	90	88	2.5	87	4.3	177	177	0.0
Operating profit	568	1,091	(47.9)	602	(5.6)	1,170	1,569	(25.4)
Depreciation of fixed assets	820	783	4.7	817	0.3	1,637	1,548	5.8
Operating EBITDA	1,388	1,875	(25.9)	1,420	(2.2)	2,808	3,117	(9.9)
Non-operating income	-	-	N.A.	-	N.A.	-	-	N.A.
Non-operating expenses	(278)	(290)	(4.2)	(275)	1.0	(553)	(610)	(9.3)
Net investment income/(loss)	30	(51)	N.A.	41	(26.6)	71	(25)	N.A.
Pre-tax profit	320	749	(57.3)	368	(13.0)	688	935	(26.4)
Current taxation	(65)	(159)	(59.3)	(81)	(19.8)	(145)	(212)	(31.4)
Minorities	6	6	6.0	6	(4.4)	12	9	34.7
Extraordinary items	3	16	(80.7)	(3)	N.A.	(0)	47	N.A.
Net profit	253	601	(57.9)	278	(9.0)	530	761	(30.3)
EPS (Bt)	0.15	0.36	(57.9)	0.17	(9.0)	0.32	0.46	(30.3)
Percent	2Q23F	2Q22	YoY (ppts)	1Q23	QoQ (ppts)	1H23F	1H22	YoY (ppts)
Gross profit margin	6.3	7.4	(1.1)	6.2	0.1	6.3	7.0	(0.8)
EBITDA margin	2.8	4.0	(1.3)	2.8	(0.0)	2.8	3.7	(0.9)
Net margin	0.5	1.3	(0.8)	0.5	(0.0)	0.5	0.9	(0.4)

Source: Company data, KGI Securities Research

Figure 2: Key assumptions for 2Q23F earnings

	2Q23F	2Q22	YoY (%)	1Q23	QoQ (%)
Oil business					
Sales volume (mn liters)	1,535	1,367	12.3	1,474	4.1
Marketing margin (Bt/liter)	1.62	2.11	(23.1)	1.72	(5.7)
Non-oil business					
LPG sales volume (mn liters)	155	121	28.1	151	2.6
Revenue (Bt mn)	3,203	2,173	47.4	3,146	1.8
Gross profit margin (%)	20.7	25.3	(18.1)	20.2	2.3
PTG group					
Total gross profit (Bt mn)	3,150	3,430	(8.2)	3,167	(0.6)
- Oil (Bt mn)	2,487	2,881	(13.7)	2,531	(1.8)
- Non-oil (Bt mn)	663	549	20.7	636	4.2

Source: Company data, KGI Securities Research

Figure 3: Changes in key assumptions for 2023F-24F

Our assumptions	2023F			2024F		
	Previous	Revised	Change (%)	Previous	Revised	Change (%)
Oil business						
Sales volume (mn liters)	5,747	5,950	3.5	6,092	6,300	3.4
Marketing margin (Bt/liter)	1.75	1.65	(5.7)	1.80	1.70	(5.6)
Non-oil business						
LPG sales volume (mn liters)	700	650	(7.1)	910	845	(7.1)
Revenue (Bt mn)	13,280	12,978	(2.3)	16,142	15,333	(5.0)
Gross profit margin (%)	23.0	21.0	(8.7)	22.0	21.0	(4.5)
Income statement						
Total gross profit (Bt mn)	13,112	12,543	(4.3)	14,516	13,930	(4.0)
- Oil (Bt mn)	10,057	9,818	(2.4)	10,965	10,710	(2.3)
- Non-oil (Bt mn)	3,054	2,725	(10.8)	3,551	3,220	(9.3)
Earnings (Bt mn)	1,725	1,193	(30.8)	2,467	1,889	(23.4)

Source: Company data, KGI Securities Research

Figure 4: Key assumptions for PTG

	2020	2021	2022	2023F	2024F
<u>Oil business</u>					
Sales volume (mn liters)	4,959	5,020	5,316	5,950	6,300
Marketing margin (Bt/liter)	1.89	1.72	1.84	1.65	1.70
<u>Non-oil business</u>					
LPG sales volume (mn liters)	174	306	497	650	845
Revenue (Bt mn)	4,266	5,624	9,478	12,978	15,333
Gross profit margin (%)	28.6	26.3	23.4	21.0	21.0
<u>PTG group</u>					
Total gross profit (Bt mn)	10,599	10,132	12,008	12,543	13,930
- Oil (Bt mn)	9,380	8,652	9,786	9,818	10,710
- Non-oil (Bt mn)	1,219	1,480	2,222	2,725	3,220

Source: Company data, KGI Securities Research

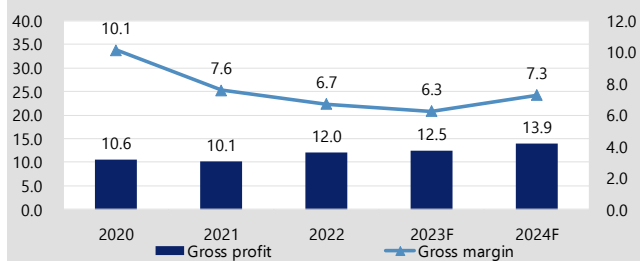
Figure 5: Company profile

PTG Energy (PTG) sells diesel and gasoline products to customer through its oil service stations under the PT trademark, which is the company's core business. The company also holds a 40% stake in biodiesel production with 500,000LPD. In addition, the firm operates other businesses, which still have small contribution, such as convenience store in PT service stations, LPG, coffee beverage, and auto care & maintenance for automobiles and commercial trucks.

Source: Company data, KGI Securities Research

Figure 7: Gross profit

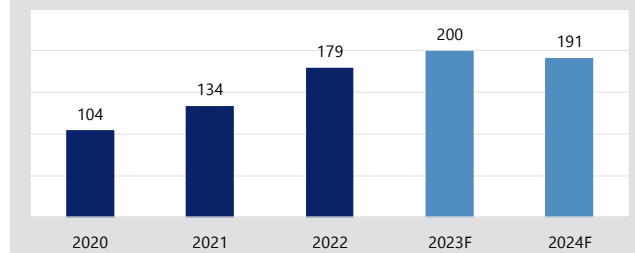
Gross profit, Bt bn (LHS); gross profit margin, percent (RHS)



Source: Company data, KGI Securities Research

Figure 6: Revenue

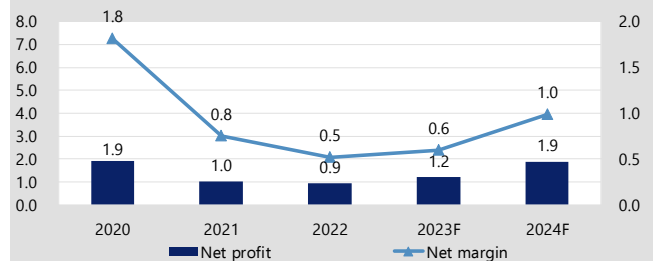
Revenue, Bt bn



Source: Company data, KGI Securities Research

Figure 8: Net profit

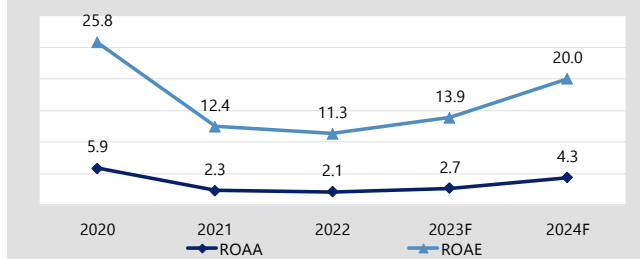
Net profit, Bt bn (LHS); net profit margin, percent (RHS)



Source: Company data, KGI Securities Research

Figure 9: Company ROAA and ROAE

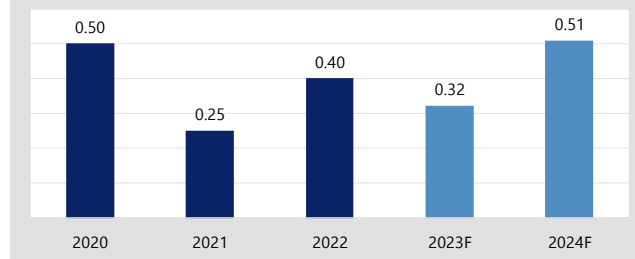
ROAA and ROAE, percent



Source: Company data, KGI Securities Research

Figure 10: Dividend

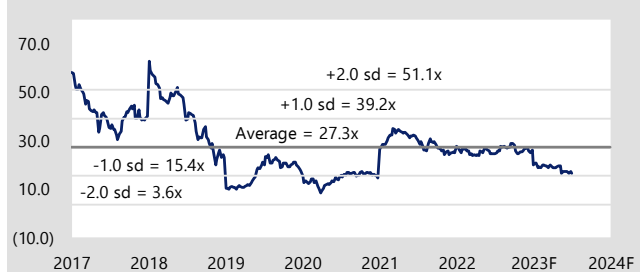
Dividend per share, Bt



Source: Company data, KGI Securities Research

Figure 11: Company trading PE

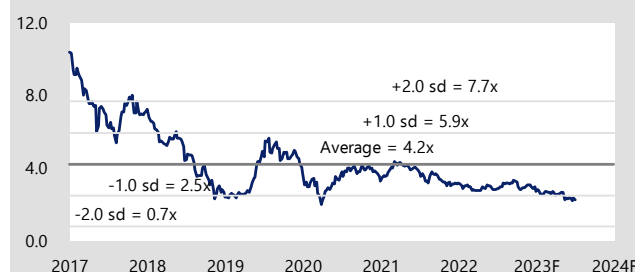
PE, times



Source: KGI Securities Research

Figure 12: Company trading PB

PB, times



Source: KGI Securities Research

Quarterly Income Statement

(B t mn)	Mar-21A	Jun-21A	Sep-21A	Dec-21A	Mar-22A	Jun-22A	Sep-22A	Dec-22A	Mar-23A	Jun-23F
Income Statement (B t mn)										
Revenue	32,264	33,310	30,585	37,600	38,969	46,307	45,171	48,975	50,936	50,036
Cost of Goods Sold	(29,435)	(30,473)	(28,195)	(35,524)	(36,394)	(42,877)	(42,047)	(46,096)	(47,768)	(46,887)
Gross Profit	2,828	2,837	2,391	2,076	2,576	3,430	3,124	2,879	3,167	3,150
Operating Expenses	(2,057)	(2,069)	(2,109)	(2,037)	(2,186)	(2,427)	(2,569)	(2,582)	(2,652)	(2,672)
Other incomes	79	81	72	98	89	88	84	103	87	90
Operating Profit	851	849	354	137	478	1,091	638	399	602	568
Depreciation of fixed assets	733	746	768	777	764	783	816	822	817	820
Operating EBITDA	1,584	1,595	1,122	913	1,243	1,875	1,454	1,221	1,420	1,388
Non-Operating Income	1	0	0	0	0	0	7	17	0	0
Interest Income	0	0	0	0	0	0	0	0	0	0
Other Non-op Income	1	0	0	0	0	0	7	17	0	0
Non-Operating Expenses	(274)	(276)	(284)	(284)	(320)	(290)	(279)	(282)	(275)	(278)
Interest Expenses	(274)	(276)	(283)	(284)	(282)	(280)	(279)	(282)	(273)	(275)
Other Non-op Expenses	0	0	(1)	0	(38)	(10)	0	0	(3)	(3)
Net Investment Income/(Loss)	78	45	35	47	27	(51)	(86)	(66)	41	30
Pre-tax Profit	656	618	104	(101)	185	749	280	69	368	320
Current Taxation	(125)	(118)	(39)	21	(53)	(159)	(88)	(61)	(81)	(65)
Minorities	0	3	2	6	3	6	4	6	6	6
Extraordinary items	0	0	0	0	32	16	(11)	(5)	(3)	3
Net Profit	531	498	63	(86)	160	601	177	(4)	278	253
EPS (B t)	0.32	0.30	0.04	(0.05)	0.10	0.36	0.11	(0.00)	0.17	0.15
Margins										
Gross profit margin	8.8	8.5	7.8	5.5	6.6	7.4	6.9	5.9	6.2	6.3
Operating EBIT margin	2.6	2.5	1.2	0.4	1.2	2.4	1.4	0.8	1.2	1.1
Operating EBITDA margin	4.9	4.8	3.7	2.4	3.2	4.0	3.2	2.5	2.8	2.8
Net profit margin	1.6	1.5	0.2	(0.2)	0.4	1.3	0.4	(0.0)	0.5	0.5
Growth										
Revenue growth	10.8	49.7	20.8	35.6	20.8	39.0	47.7	30.3	30.7	8.1
Operating EBIT growth	144.3	(6.8)	(60.3)	(84.3)	(43.8)	28.5	80.5	191.7	25.9	(47.9)
Operating EBITDA growth	51.6	(2.4)	(30.7)	(43.1)	(21.5)	17.5	29.7	33.6	14.2	(25.9)
Net profit growth	161.4	(2.4)	(87.6)	N.A.	(69.9)	20.7	180.9	95.8	73.5	(57.9)

Source: Company data, KGI Securities Research

Balance Sheet

As of 31 Dec (Bt mn)	2020	2021	2022	2023F	2024F
Total Assets	42,037	44,384	45,135	44,027	43,170
Current Assets	3,859	4,859	5,125	5,041	5,316
Cash & ST Investments	942	1,701	2,071	1,088	1,572
Inventories	2,088	2,239	2,154	2,910	2,749
Accounts Receivable	503	722	899	1,043	996
Others	326	196	0	0	0
Non-current Assets	38,179	39,525	40,010	38,986	37,853
LT Investments	2,545	2,773	2,518	2,518	2,518
Net fixed Assets	10,853	11,505	12,356	12,512	12,500
Others	24,781	25,247	25,136	23,956	22,835
Total Liabilities	34,057	36,184	36,860	35,095	33,199
Current Liabilities	8,486	12,450	13,599	13,310	12,840
Accounts Payable	3,920	6,000	6,961	8,464	7,994
ST Borrowings	3,748	5,751	5,798	4,005	4,005
Others	818	699	840	840	840
Long-term Liabilities	25,572	23,735	23,260	21,786	20,360
Long-term Debts	6,294	3,844	3,086	2,586	2,086
Others	19,277	19,890	20,174	19,199	18,273
Shareholders' Equity	7,980	8,200	8,275	8,931	9,971
Common Stock	1,670	1,670	1,670	1,670	1,670
Capital Surplus	1,227	1,270	1,164	1,164	1,164
Retained Earnings	5,083	5,260	5,441	6,098	7,137
Preferred Stock	0	0	0	0	0

Source: KGI Securities Research

Key Ratios

Year to 31 Dec (Bt mn)	2020	2021	2022	2023F	2024F
Forecast Drivers					
Growth (% YoY)					
Sales	(13.0)	28.1	34.1	11.7	(4.5)
OP	36.3	(27.5)	19.0	(2.8)	30.3
EBITDA	12.9	(11.7)	11.1	1.5	15.9
NP	21.4	(46.9)	(7.2)	27.8	58.3
EPS	21.4	(46.9)	(7.2)	27.8	58.3
Profitability (%)					
Gross Margin	10.1	7.6	6.7	6.3	7.3
Operating Margin	2.9	1.6	1.5	1.3	1.7
EBITDA Margin	5.7	3.9	3.2	2.9	3.6
Net Profit Margin	1.8	0.8	0.5	0.6	1.0
ROAA	5.9	2.3	2.1	2.7	4.3
ROAE	25.8	12.4	11.3	13.9	20.0
Stability					
Gross Debt/Equity (%)	125.8	117.0	107.4	73.8	61.1
Net Debt/Equity (%)	114.0	96.3	82.3	61.6	45.3
Interest Coverage (x)	3.1	2.1	2.2	2.3	3.1
Interest & ST Debt Coverage (x)	0.7	0.3	0.3	0.5	0.7
Cash Flow/Interest Coverage (x)	2.5	4.8	4.6	3.7	3.8
Cash Flow/Interest & ST Debt (x)	0.6	0.8	0.7	0.8	0.8
Current Ratio (x)	0.5	0.4	0.4	0.4	0.4
Quick Ratio (x)	0.2	0.2	0.2	0.2	0.2
Net Debt (Bt mn)	9,100	7,894	6,813	5,504	4,519
Per Share Data (Bt)					
EPS	1.1	0.6	0.6	0.7	1.1
CFPS	1.7	3.2	3.1	2.5	2.5
BVPS	4.7	4.8	4.9	5.3	5.9
SPS	--	--	--	--	--
EBITDA/Share	3.5	3.1	3.5	3.5	4.1
DPS	0.5	0.3	0.4	0.3	0.5
Activity					
Asset Turnover (x)	3.2	3.1	4.0	4.5	4.4
Days Receivables	1.8	2.0	1.8	1.9	1.9
Days Inventory	8.1	6.6	4.7	5.7	5.7
Days Payable	4.2	4.9	4.2	4.5	4.5
Cash Cycle	5.7	3.7	2.4	3.0	3.0

Source: KGI Securities Research

Profit & Loss

Year to 31 Dec (Bt mn)	2020	2021	2022	2023F	2024F
Revenue	104,423	133,759	179,422	200,403	191,362
Cost of Goods Sold	(93,824)	(123,627)	(167,414)	(187,860)	(177,432)
Gross Profit	10,599	10,132	12,008	12,543	13,930
Operating Expenses	(7,820)	(8,271)	(9,765)	(10,376)	(11,005)
Other incomes	243	329	363	368	379
Operating Profit	3,023	2,190	2,607	2,535	3,303
Depreciation of fixed assets	2,880	3,024	3,185	3,345	3,512
Operating EBITDA	5,903	5,214	5,792	5,880	6,815
Non-Operating Income	2	0	0	0	0
Interest Income	0	0	0	0	0
Other Non-op Income	2	0	0	0	0
Non-Operating Expenses	(1,104)	(1,118)	(1,147)	(1,140)	(1,118)
Interest Expenses	(1,104)	(1,118)	(1,123)	(1,140)	(1,118)
Other Non-op Expenses	0	0	(24)	0	0
Net Investment Income/(Loss)	376	205	(177)	120	200
Pre-tax Profit	2,296	1,277	1,283	1,515	2,385
Current Taxation	(425)	(261)	(361)	(303)	(477)
Minorities	12	10	19	19	19
Extraordinary items	35	0	31	0	0
Net Profit	1,894	1,006	934	1,193	1,889
EPS (Bt)	1.13	0.60	0.56	0.71	1.13

Source: KGI Securities Research

Cash Flow

Year to 31 Dec (Bt mn)	2020	2021	2022	2023F	2024F
Operating Cash Flow	2,811	5,336	5,121	4,167	4,214
Net Profit	1,894	1,006	934	1,193	1,889
Depreciation & Amortization	2,880	3,024	3,185	3,345	3,512
Change in Working Capital	(1,011)	1,710	869	603	(261)
Others	(953)	(403)	133	(975)	(926)
Investment Cash Flow	(1,924)	(2,384)	(2,627)	(2,320)	(2,379)
Net CAPEX	(1,884)	(2,217)	(2,314)	(3,500)	(3,500)
Change in LT Investment	0	0	0	0	0
Change in Other Assets	(40)	(166)	(312)	1,180	1,121
Free Cash Flow	927	3,119	2,807	667	714
Financing Cash Flow	(982)	(2,193)	(2,125)	(2,830)	(1,350)
Change in Share Capital	0	0	0	0	0
Net Change in Debt	646	(446)	(712)	(2,293)	(500)
Change in Other LT Liab.	(1,628)	(1,747)	(1,413)	(537)	(850)
Net Cash Flow	(95)	760	370	(983)	484

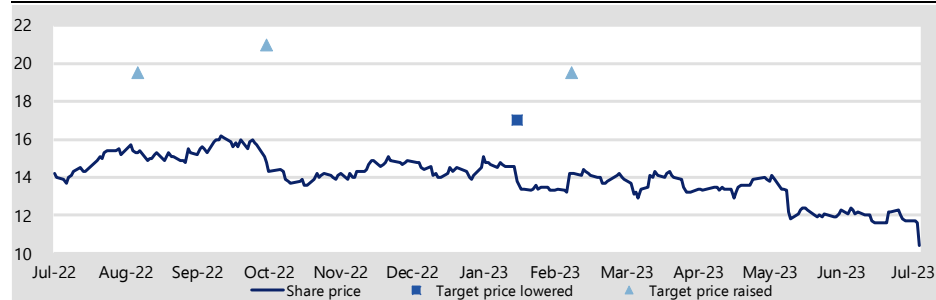
Source: KGI Securities Research

Rates of Return on Invested Capital

Year	1- $\frac{\text{COGS}}{\text{Revenue}}$	+ $\frac{\text{Depreciation}}{\text{Revenue}}$	+ $\frac{\text{Operating Exp.}}{\text{Revenue}}$	= Operating Margin
2020	87.1%	2.8%	7.5%	2.7%
2021	90.2%	2.3%	6.2%	1.4%
2022	91.5%	1.8%	5.4%	1.3%
2023F	92.1%	1.7%	5.2%	1.1%
2024F	90.9%	1.8%	5.8%	1.5%
Year	1/ $\frac{\text{Working Capital}}{\text{Revenue}}$	+ $\frac{\text{Net PPE}}{\text{Revenue}}$	+ $\frac{\text{Other Assets}}{\text{Revenue}}$	= Capital Turnover
2020	-0.04	0.10	0.24	3.37
2021	-0.06	0.09	0.19	4.59
2022	-0.05	0.07	0.14	6.18
2023F	-0.04	0.06	0.12	7.11
2024F	-0.04	0.07	0.12	6.88
Year	Operating Margin	x Capital Turnover	x Cash Tax Rate	= After-tax Return on Inv. Capital
2020	2.7%	3.4	81.7	7.3
2021	1.4%	4.6	79.4	5.1
2022	1.3%	6.2	72.1	5.6
2023F	1.1%	7.1	79.8	6.1
2024F	1.5%	6.9	79.8	8.4

Source: KGI Securities Research

PTG Energy - Recommendation & target price history



Source: KGI Securities Research

Corporate Governance Report of Thai Listed Companies



Companies with Excellent CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
AAV	ASIA AVIATION	EGCO	ELECTRICITY GENERATING	PTTEP	PTT EXPLORATION AND PRODUCTION
ADVANC	ADVANCED INFO SERVICE	GFPT	GFPT	PTTGC	PTT GLOBAL CHEMICAL
AMA	AMA MARINE	GGC	GLOBAL GREEN CHEMICALS	PYLON	PYLON
AMATA	AMATA CORPORATION	GPSC	GLOBAL POWER SYNERGY	QH	QUALITY HOUSES
ANAN	ANANDA DEVELOPMENT	HANA	HANA MICROELECTRONICS	RATCH	RATCHABURI ELECTRICITY GENERATING HOLDING
AOT	AIRPORTS OF THAILAND	HMPRO	HOME PRODUCT CENTER	RS	RS
AP	ASIAN PROPERTY DEVELOPMENT	INTUCH	SHIN CORPORATION	SCB	THE SIAM COMMERCIAL BANK
BANPU	BANPU	IRPC	IRPC	SCC	THE SIAM CEMENT
BCP	THE BANGCHAK PETROLEUM	IVL	INDORAMA VENTURES	SCCC	SIAM CITY CEMENT
BCPG	BCPG	KBANK	KASIKORNBANK	SEAFCO	SEAFCO
BDMS	BANGKOK DUSIT MEDICAL SERVICES	KCE	KCE ELECTRONICS	SMPC	SAHAMITR PRESSURE CONTAINER
BEC	BEC WORLD	KKP	KIATNAKIN BANK	SPALI	SUPALAI
BEM	BANGKOK EXPRESSWAY AND METRO	KTB	KRUNG THAI BANK	SPRC	STAR PETROLEUM REFINING
BGRIM	B. GRIMM POWER	KTC	KRUNGTHAI CARD	SVI	SVI
BPP	BANPU POWER	LH	LAND AND HOUSES	TACC	T.A.C. CONSUMER
BTS	BTS GROUP HOLDINGS	LPN	L.P.N. DEVELOPMENT	TCAP	THANACHART CAPITAL
CENTEL	CENTRAL PLAZA HOTEL	MAKRO	SIAM MAKRO	THCOM	THAICOM
CK	CH. KARNCHANG	MBK	MBK	TISCO	TISCO FINANCIAL GROUP
CKP	CK POWER	MINT	MINOR INTERNATIONAL	TOP	THAI OIL
CPALL	CP ALL	MTC	MUANGTHAI CAPITAL	TRUE	TRUE CORPORATION
CPF	CHAROEN POKPHAND FOODS	PLANB	PLAN B MEDIA	TTB	TMBTHANACHART BANK
CPN	CENTRAL PATTANA	PSH	PRUKSA HOLDING	VGI	VGI GLOBAL MEDIA
DELTA	DELTA ELECTRONICS (THAILAND)	PTG	PTG ENERGY	WHA	WHA CORPORATION
DTAC	TOTAL ACCESS COMMUNICATION	PTT	PTT	WHAUP	



Companies with Very Good CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
BAM	BANGKOK COMMERCIAL ASSET MANAGEMENT	GULF	GULF ENERGY DEVELOPMENT	SAPPE	SAPPE
BBL	BANGKOK BANK	JMT	JMT NETWORK SERVICES	SAWAD	SRISAWAD POWER 1979
CBG	CARABAO GROUP	LPH	LADPRAO GENERAL HOSPITAL	SINGER	SINGER THAILAND
CHG	CHULARAT HOSPITAL	M	MK RESTAURANT GROUP	SPA	SIAM WELLNESS GROUP
COM7	COM7	MAJOR	MAJOR CINEPLEX GROUP	TFG	THAIFOODS GROUP
DOHOME	DOHOME	MEGA	MEGA LIFESCIENCES	TKN	TAOKAENOI FOOD & MARKETING
ERW	THE ERWAN GROUP	NETBAY	NETBAY	ZEN	ZEN CORPORATION GROUP
GLOBAL	SIAM GLOBAL HOUSE	OSP	OSOTSPA		



Companies with Good CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
BCH	BANGKOK CHAIN HOSPITAL	ESSO	ESSO (THAILAND)	SF	SIAM FUTURE DEVELOPMENT
BH	BUMRUNGRAD HOSPITAL	HUMAN	HUMANICA	SISB	SISB
EKH	EKACHAI MEDICAL CARE	RBF	R&B FOOD SUPPLY	TPCH	TPC POWER HOLDING

Companies classified Not in the three highest score groups

Stock	Company name	Stock	Company name	Stock	Company name
IIG	I&I GROUP	OR	PTT OIL AND RETAIL BUSINESS	STGT	SRI TRANG GLOVES (THAILAND)
KEX	KERRY EXPRESS (THAILAND)	STEC	SINO-THAI ENGINEERING AND CONSTRUCTION		

Source: www.thai-iod.com

Disclaimer: The disclosure of the survey result of the Thai Institute of Directors Association ("IOD") regarding corporate governance is made pursuant to the policy of the Office of the Securities and Exchange Commission. The survey of the IOD is based on the information of a company listed on the Stock Exchange of Thailand and the Market for Alternative Investment disclosed to the public and able to be accessed by a general public investor. The result, therefore, is from the perspective of a third party. It is not an assessment of operation and is not based on inside information. The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey result may be changed after that date or when there is any change to the relevant information. Nevertheless, KGI Securities (Thailand) Public Company Limited (KGI) does not confirm, verify, or certify the accuracy and completeness of such survey result.

Anti-corruption Progress Indicator

Level 5: Extended

Stock	Company name	Stock	Company name	Stock	Company name
ADVANC	ADVANCED INFO SERVICE	GLOBAL	SIAM GLOBAL HOUSE	QH	QUALITY HOUSES
ANAN	ANANDA DEVELOPMENT	GPSC	GLOBAL POWER SYNERGY	RATCH	RATCHABURI ELECTRICITY GENERATING HOLDING
BBL	BANGKOK BANK	HMPRO	HOME PRODUCT CENTER	ROBINS	ROBINSON DEPARTMENT STORE
BCH	BANGKOK CHAIN HOSPITAL	IRPC	IRPC	SCC	THE SIAM CEMENT
BDMS	BANGKOK DUSIT MEDICAL SERVICES	KBANK	KASIKORN BANK	SIRI	SANSIRI
BIGC	BIG C SUPERCENTER	KCE	KCE ELECTRONICS	SPALI	SUPALAI
CK	CH. KARNCHANG	KKP	KIATNAKIN BANK	STEC	SINO-THAI ENGINEERING AND CONSTRUCTION
DCC	DYNASTY CERAMIC	KTB	KRUNG THAI BANK	TCAP	THANACHART CAPITAL
DELTA	DELTA ELECTRONICS (THAILAND)	LPH	LADPRAO GENERAL HOSPITAL	TISCO	TISCO FINANCIAL GROUP
DRT	DIAMOND ROOFING TILES	PACE	PACE DEVELOPMENT CORPORATION	TMT	THAI METAL TRADE
EGCO	ELECTRICITY GENERATING	PTT	PTT	TOP	THAI OIL
GFPT	GFPT	PTTGC	PTT GLOBAL CHEMICAL		

Level 4: Certified

Stock	Company name	Stock	Company name	Stock	Company name
AAV	ASIA AVIATION	ERW	THE ERWAN GROUP	SAPPE	SAPPE
AP	ASIAN PROPERTY DEVELOPMENT	GLOW	GLOW ENERGY	SAWAD	SRISAWAD POWER 1979
BA	BANGKOK AIRWAYS	GUNKUL	GUNKUL ENGINEERING	SCB	THE SIAM COMMERCIAL BANK
BANPU	BANPU	ILINK	INTERLINK COMMUNICATION	SCN	SCAN INTER
BCP	THE BANGCHAK PETROLEUM	KTC	KRUNGTHAI CARD	SEAFICO	SEAFICO
BH	BUMRUNGRAD HOSPITAL	LH	LAND AND HOUSES	SVI	SVI
BJCHI	BJC HEAVY INDUSTRIES	LPN	L.P.N. DEVELOPMENT	TASCO	TIPCO ASPHALT
CBG	CARABAO GROUP	MAKRO	SIAM MAKRO	TKN	TAOKAENOI FOOD & MARKETING
CENDEL	CENTRAL PLAZA HOTEL	MALEE	MALEE SAMPRAN	TMB	TMB BANK
CHG	CHULARAT HOSPITAL	MINT	MINOR INTERNATIONAL	TRT	TIRATHAI
CKP	CK POWER	MODERN	MODERNFORM GROUP	TRUE	TRUE CORPORATION
CPF	CHAROEN POKPHAND FOODS	NOK	NOK AIRLINES	TVO	THAI VEGETABLE OIL
CPN	CENTRAL PATTANA	PTTEP	PTT EXPLORATION AND PRODUCTION		
DTAC	TOTAL ACCESS COMMUNICATION	PYLON	PYLON		

Level 3: Established

Stock	Company name	Stock	Company name	Stock	Company name
BEM	BANGKOK EXPRESSWAY AND METRO	MTLS	MUANGTHAI LEASING	SPRC	STAR PETROLEUM REFINING
CPALL	CP ALL	SCI	SCI ELECTRIC		

No progress

Stock	Company name	Stock	Company name	Stock	Company name
AOT	AIRPORTS OF THAILAND	BPP	BANPU POWER	FN	FN FACTORY OUTLET
BCPG	BCPG	BTS	BTS GROUP HOLDINGS	TPCH	TPC POWER HOLDING

Source: www.cgtailand.org

Disclaimer: The disclosure of the Anti-Corruption Progress Indicators of a listed company on the Stock Exchange of Thailand, which is assessed by the relevant institution as disclosed by the Office of the Securities and Exchange Commission, is made in order to comply with the policy and sustainable development plan for the listed companies. The relevant institution made this assessment based on the information received from the listed company, as stipulated in the form for the assessment of Anti-corruption which refers to the Annual Registration Statement (Form 56-1), Annual Report (Form 56-2), or other relevant documents or reports of such listed company. The assessment result is therefore made from the perspective of a third party. It is not an assessment of operation and is not based on any inside information. Since this assessment is only the assessment result as of the date appearing in the assessment result, it may be changed after that date or when there is any change to the relevant information. Nevertheless, KGI Securities (Thailand) Public Company Limited (KGI) does not confirm, verify, or certify the accuracy and completeness of the assessment result.

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Rating	Definition
Outperform (OP)	The stock's excess return over the next twelve months is ranked in the top 40% of KGI's coverage universe in the related market (e.g. Taiwan)..
Neutral (N)	The stock's excess return over the next twelve months is ranked in the range between the top 40% and the bottom 40% of KGI's coverage universe in the related market (e.g. Taiwan)
Under perform (U)	The stock's excess return over the next twelve months is ranked in the bottom 40% of KGI's coverage universe in the related market (e.g. Taiwan).
Not Rated (NR)	The stock is not rated by KGI.
Restricted (R)	KGI policy and/or applicable law regulations preclude certain types of communications, including an investment recommendation, during the course of KGI's engagement in an investment banking transaction and in certain other circumstances. Excess return = 12M target price/current price-
Note	When an analyst publishes a new report on a covered stock, we rank the stock's excess return with those of other stocks in KGI's coverage universe in the related market. We will assign a rating based on its ranking. If an analyst does not publish a new report on a covered stock, its rating will not be changed automatically.

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