

PTG Energy

(PTG.BK/PTG TB)*

Outperform • Maintained

Price as of 21 May 2024	8.65
12M target price (Bt/shr)	10.40
Unchanged/Revised up(down)(%)	Unchanged
Upside/downside (%)	20.2

Key messages

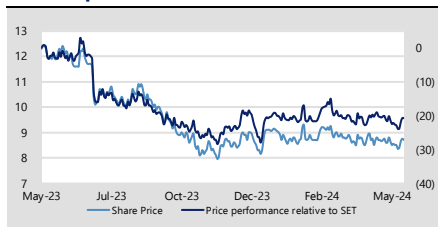
We forecast PTG's 2Q24F earnings to surge to more than Bt400mn, up YoY and QoQ, thanks to i) wider oil marketing margin and ii) greater oil sales volume. We reiterate a rating of Outperform on the counter with an unchanged 2024F target price of Bt10.40, based on 15.0x PE. We also add PTG to our portfolio of Energy top picks for the next one to two months as the company will benefit from the higher retail diesel selling price in the country since April, leading to a wider diesel oil marketing margin. However, the negative from a national minimum daily wage hike to Bt400 should be a concern after the end of July, when the sub-committees of each province will propose their suitable minimum wages to the tri-partite Wage Committee.

Trading data

Mkt cap (Btbn/US\$m)	14.5/401		
Outstanding shares (mn)	1,670		
Foreign ownership (mn)	61		
3M avg. daily trading (mn)	6.5		
52-week trading range (Bt)	7.95 – 12.40		
Performance (%)	3M	6M	12M
Absolute	(2.2)	0.6	(28.1)
Relative	(0.6)	3.2	(19.8)

Quarterly EPS

Bt	1Q	2Q	3Q	4Q
2022	0.10	0.36	0.11	(0.00)
2023	0.17	0.07	0.01	0.32
2024	0.15			

Share price chart


Source: SET

Kaweewit Thawilwithayanon, CISA
66.2658.8888 Ext. 8847
kaweewitt@kgi.co.th

Beneficiary of rising diesel price
Event

Positive view after 1Q24 analyst meeting.

Impact
Expect 2Q24F earnings to soar more than 50% YoY and QoQ

We forecast PTG's 2Q24F earnings to surge to more than Bt400mn, up YoY and QoQ thanks to i) wider oil marketing margin and ii) greater oil sales volume. The Ministry of Energy allowed Thailand's retail diesel selling price to gradually rise to Bt31.94/liter on May 17, up Bt2.00/liter from March as the Oil Fuel Fund has contributed higher loss of above Bt100bn since April, while it almost reached the highest level of Bt131.4bn on November 20, 2022 (vs. Bt110.9bn now). The increase in the retail diesel selling price would partly improve diesel oil marketing margin so we expect PTG's 2Q24F oil marketing margin to be Bt1.75/liter (+10% YoY, +13% QoQ), aligning with management's guidance of Bt1.70-1.80/liter QTD. In addition, the company estimates oil sales volume to grow more than 12% YoY and will likely mark a new all-time high thanks to stronger oil consumption during Thailand's harvest season. Non-oil business is also expected to generate slightly better earnings, given greater LPG and coffee sales volume.

Closely monitoring final decision from the tri-partite Wage Committee

The Labour Minister, Phiphat Ratchakitprakarn, plans to raise the national minimum daily wage to Bt400 in October, but the final decision will depend on the tri-partite Wage Committee. At the latest meeting on May 14, the committee assigned sub-committees for each province to study and submit appropriate minimum wages back to the tripartite Wage Committee by the end of July. If the minimum wage is revised up to Bt400/day across the country, PTG's management estimates a negative impact of Bt0.06-0.07/liter, accounting for approximately Bt300mn-350mn/year or 23-26% of our 2025F earnings forecast at Bt1.3bn. However, management aims to adjust up its retail oil selling prices to partly offset the impact. Note that the next tri-partite Wage Committee meeting is scheduled for June 19.

Valuation & action

We reiterate a rating of Outperform on the counter with an unchanged 2024F target price of Bt10.40, based on 15.0x PE. We add PTG to our portfolio of Energy top picks for the next one to two months as the company will benefit from the higher retail diesel selling price since April, leading to a wider diesel oil marketing margin. However, the negatives from a national minimum daily wage hike to Bt400 should be a concern after the end of July, when the sub-committees of each province will propose their suitable minimum wages to the tri-partite Wage Committee.

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-21A	Dec-22A	Dec-23A	Dec-24F	Dec-25F
Revenue (Bt mn)	133,759	179,422	198,811	200,733	213,185
Gross profit (Bt mn)	10,132	12,008	12,922	13,793	14,668
EBIT (Bt mn)	2,190	2,607	2,326	2,475	2,602
Net profit (Bt mn)	1,006	934	944	1,152	1,334
EPS (Bt)	0.60	0.56	0.57	0.69	0.80
DPS (Bt)	0.25	0.40	0.35	0.31	0.36
EPS growth (%)	(46.9)	(7.2)	1.1	22.0	15.9
P/E (x)	25.1	25.9	15.3	12.5	10.8
P/B (x)	3.1	3.0	1.6	1.5	1.4
E V/E BIT DA (x)	10.2	8.8	6.7	6.2	5.5
Net debt to equity (x)	3.4	3.3	2.6	2.3	2.0
Dividend yield (%)	1.7	2.8	4.0	3.6	4.2
Return on avg. equity (%)	12.4	11.3	11.0	12.5	13.4

Source: Company data, KGI Securities Research

Figure 1: Key assumptions for 1Q24 earnings

	1Q24	1Q23	YoY (%)	4Q23	QoQ (%)
Oil business					
Sales volume (mn liters)	1,720	1,474	16.7	1,547	11.2
Marketing margin (Bt/liter)	1.56	1.72	(9.4)	1.85	(16.0)
Non-oil business					
LPG sales volume (mn liters)	172	151	13.9	168	2.4
Revenue (Bt mn)	4,050	3,146	28.7	3,762	7.7
Gross profit margin (%)	21.4	20.2	5.9	20.0	7.1
PTG group					
Total gross profit (Bt mn)	3,542	3,167	11.8	3,618	(2.1)
- Oil (Bt mn)	2,675	2,531	5.7	2,865	(6.6)
- Non-oil (Bt mn)	868	636	36.4	753	15.3

Source: Company data, KGI Securities Research

Figure 2: Key assumptions for PTG

	2021	2022	2023	2024F	2025F
Oil business					
Sales volume (mn liters)	5,020	5,316	5,961	6,300	6,650
Marketing margin (Bt/liter)	1.72	1.84	1.71	1.70	1.70
Non-oil business					
LPG sales volume (mn liters)	306	497	634	735	835
Revenue (Bt mn)	5,624	9,478	13,688	15,810	17,701
Gross profit margin (%)	26.3	23.4	20.0	19.5	19.0
PTG group					
Total gross profit (Bt mn)	10,132	12,008	12,922	13,793	14,668
- Oil (Bt mn)	8,652	9,786	10,180	10,710	11,305
- Non-oil (Bt mn)	1,480	2,222	2,742	3,083	3,363

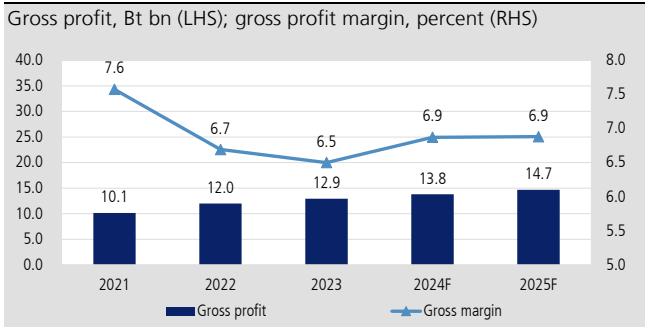
Source: Company data, KGI Securities Research

Figure 3: 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.

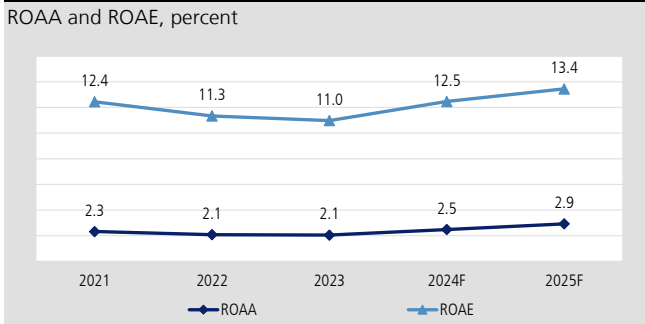
Source: Company data, KGI Securities Research

Figure 5: Gross profit



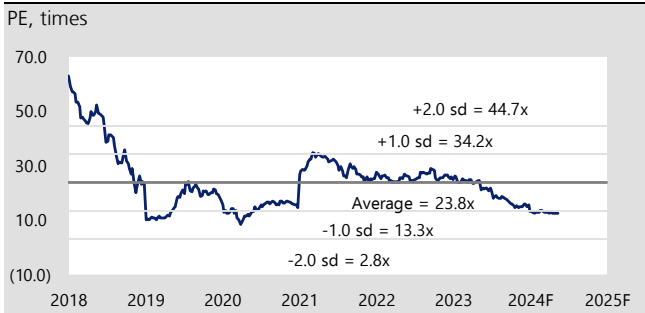
Source: Company data, KGI Securities Research

Figure 7: Company ROAA and ROAE



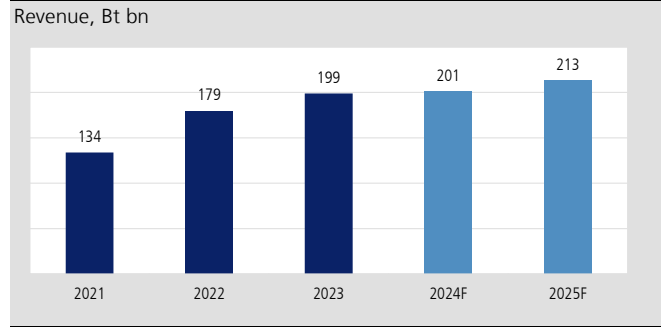
Source: Company data, KGI Securities Research

Figure 9: Company trading PE



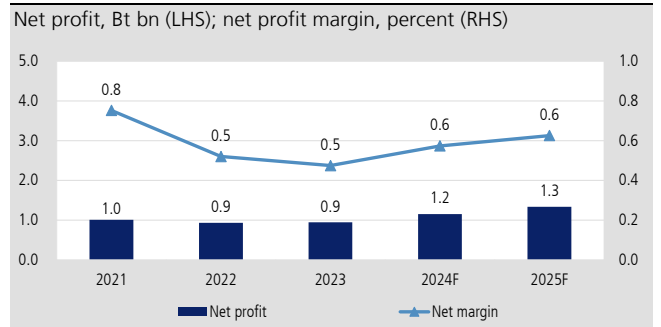
Source: KGI Securities Research

Figure 4: Revenue



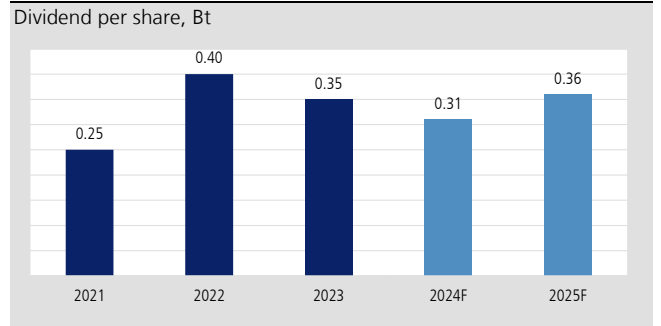
Source: Company data, KGI Securities Research

Figure 6: Net profit



Source: Company data, KGI Securities Research

Figure 8: Dividend



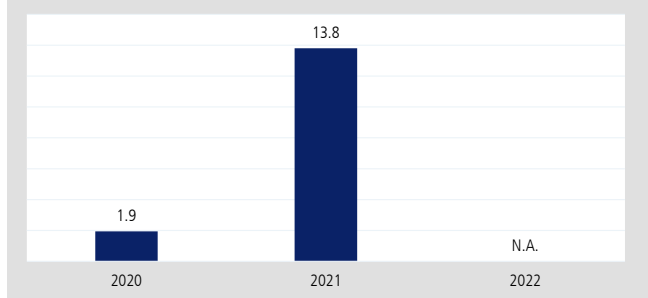
Source: Company data, KGI Securities Research

Figure 10: Company trading PB



Source: KGI Securities Research

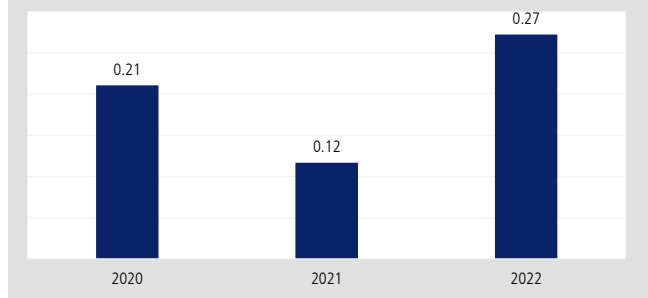
Figure 11: Total GHG emissions

 GHG emissions, mn tons of CO₂e


Source: Company data, SETSMART, KGI Securities Research

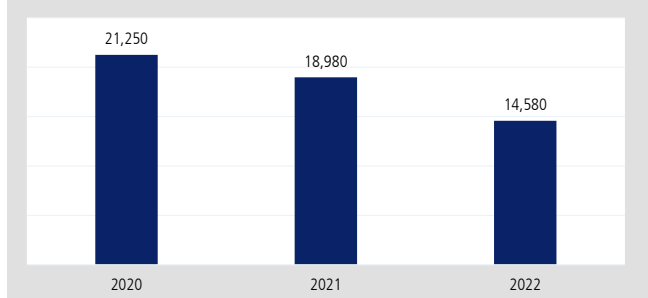
Figure 12: Total electricity consumption

Electricity consumption, GWh



Source: Company data, SETSMART, KGI Securities Research

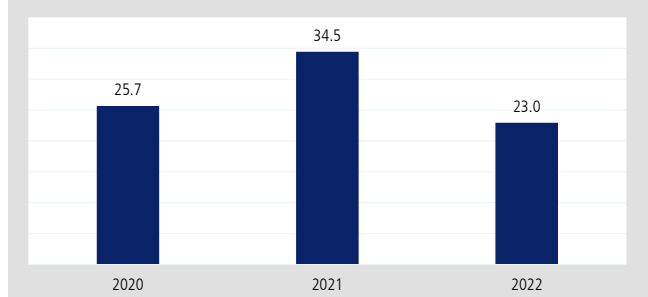
Figure 13: Total water consumption

 Water consumption, m³


Source: Company data, SETSMART, KGI Securities Research

Figure 14: Total waste

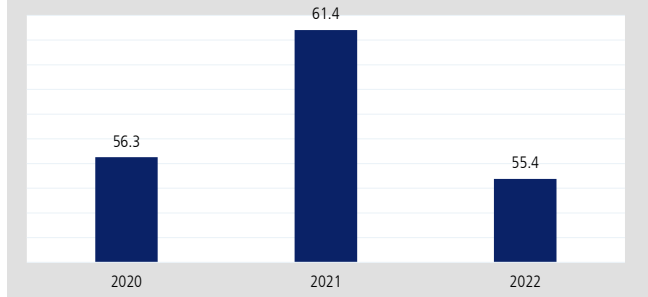
Waste generated, kg



Source: Company data, SETSMART, KGI Securities Research

Figure 15: Employee turnover

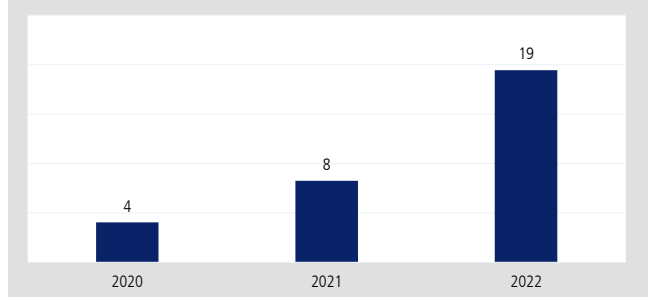
Employee turnover, percent



Source: Company data, SETSMART, KGI Securities Research

Figure 16: Average employee training hours

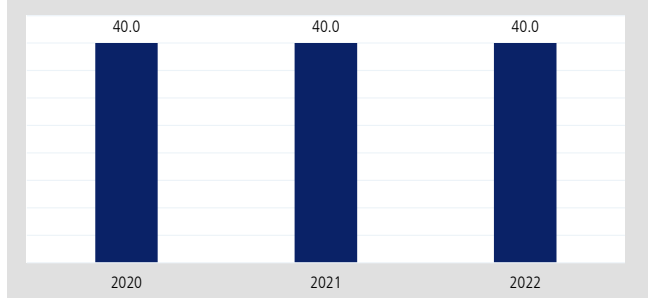
Average employee training hour, hours per person per year



Source: Company data, SETSMART, KGI Securities Research

Figure 17: Proportion of independent directors

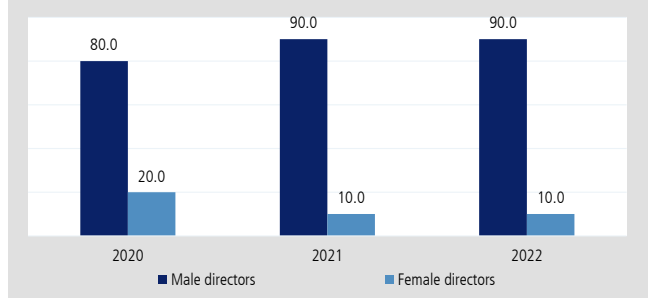
Independent directors, percent



Source: Company data, SETSMART, KGI Securities Research

Figure 18: Gender diversification of directors

Gender diversification, percent



Source: Company data, SETSMART, KGI Securities Research

Quarterly Income Statement

(Bt mn)	Mar-22A	Jun-22A	Sep-22A	Dec-22A	Mar-23A	Jun-23A	Sep-23A	Dec-23A	Mar-24A
Income Statement (Bt mn)									
Revenue	38,969	46,307	45,171	48,975	50,936	50,802	47,548	49,525	54,962
Cost of Goods Sold	(36,394)	(42,877)	(42,047)	(46,096)	(47,768)	(47,717)	(44,496)	(45,908)	(51,419)
Gross Profit	2,576	3,430	3,124	2,879	3,167	3,085	3,052	3,618	3,542
Operating Expenses	(2,186)	(2,427)	(2,569)	(2,582)	(2,652)	(2,714)	(2,787)	(2,856)	(3,022)
Other incomes	89	88	84	103	87	99	108	120	121
Operating Profit	478	1,091	638	399	602	470	373	882	642
Depreciation of fixed assets	764	783	816	822	817	824	839	859	872
Operating EBITDA	1,243	1,875	1,454	1,221	1,420	1,294	1,212	1,741	1,514
Non-Operating Income	0	0	7	17	0	3	10	10	0
Interest Income	0	0	0	0	0	0	0	0	0
Other Non-op Income	0	0	7	17	0	3	10	10	0
Non-Operating Expenses	(320)	(290)	(279)	(282)	(275)	(284)	(292)	(279)	(267)
Interest Expenses	(282)	(280)	(279)	(282)	(273)	(284)	(292)	(279)	(267)
Other Non-op Expenses	(38)	(10)	0	0	(3)	0	0	0	0
Net Investment Income/(Loss)	27	(51)	(86)	(66)	41	6	1	(14)	(2)
Pre-tax Profit	185	749	280	69	368	194	91	599	373
Current Taxation	(53)	(159)	(88)	(61)	(81)	(76)	(58)	(47)	(109)
Minorities	3	6	4	6	6	5	4	6	6
Extraordinary items	32	16	(11)	(5)	(3)	(2)	(10)	(10)	0
Net Profit	160	601	177	(4)	278	111	19	536	258
EPS (Bt)	0.10	0.36	0.11	(0.00)	0.17	0.07	0.01	0.32	0.15
Margins									
Gross profit margin	6.6	7.4	6.9	5.9	6.2	6.1	6.4	7.3	6.4
Operating EBIT margin	1.2	2.4	1.4	0.8	1.2	0.9	0.8	1.8	1.2
Operating EBITDA margin	3.2	4.0	3.2	2.5	2.8	2.5	2.5	3.5	2.8
Net profit margin	0.4	1.3	0.4	(0.0)	0.5	0.2	0.0	1.1	0.5
Growth									
Revenue growth	20.8	39.0	47.7	30.3	30.7	9.7	5.3	1.1	7.9
Operating EBIT growth	(43.8)	28.5	80.5	191.7	25.9	(56.9)	(41.6)	121.0	6.5
Operating EBITDA growth	(21.5)	17.5	29.7	33.6	14.2	(31.0)	(16.7)	42.6	6.6
Net profit growth	(69.9)	20.7	180.9	95.8	73.5	(81.5)	(89.0)	N.A.	(7.2)

Source: Company data, KGI Securities Research

Balance Sheet

As of 31 Dec (Bt mn)	2021	2022	2023	2024F	2025F
Total Assets	44,384	45,135	46,932	45,802	45,353
Current Assets	4,859	5,125	7,838	6,854	7,304
Cash & ST Investments	1,701	2,071	3,381	2,367	2,540
Inventories	2,239	2,154	3,330	3,349	3,556
Accounts Receivable	722	899	1,108	1,119	1,188
Others	196	0	20	20	20
Non-current Assets	39,525	40,010	39,094	38,948	38,049
LT Investments	2,773	2,518	2,597	3,525	3,822
Net fixed Assets	11,505	12,356	13,202	13,195	13,013
Others	25,247	25,136	23,294	22,227	21,214
Total Liabilities	36,184	36,860	38,006	36,243	35,060
Current Liabilities	12,450	13,599	16,210	16,317	16,961
Accounts Payable	6,000	6,961	10,340	10,399	11,043
ST Borrowings	6,354	6,427	5,584	5,633	5,633
Others	96	211	286	286	286
Long-term Liabilities	23,735	23,260	21,796	19,926	18,098
Long-term Debts	23,238	22,582	21,037	19,166	17,339
Others	497	679	760	760	760
Shareholders' Equity	8,200	8,275	8,926	9,559	10,293
Common Stock	1,670	1,670	1,670	1,670	1,670
Capital Surplus	1,270	1,164	1,180	1,180	1,180
Retained Earnings	5,260	5,441	6,076	6,709	7,443
Preferred Stock	0	0	0	0	0

Source: KGI Securities Research

Key Ratios

Year to 31 Dec (Bt mn)	2021	2022	2023	2024F	2025F
Forecast Drivers					
Growth (% YoY)					
Sales	28.1	34.1	10.8	1.0	6.2
OP	(27.5)	19.0	(10.8)	6.4	5.1
EBITDA	(11.7)	11.1	(2.2)	5.6	5.1
NP	(46.9)	(7.2)	1.1	22.0	15.9
EPS	(46.9)	(7.2)	1.1	22.0	15.9
Profitability (%)					
Gross Margin	7.6	6.7	6.5	6.9	6.9
Operating Margin	1.6	1.5	1.2	1.2	1.2
EBITDA Margin	3.9	3.2	2.9	3.0	2.9
Net Profit Margin	0.8	0.5	0.5	0.6	0.6
ROAA	2.3	2.1	2.1	2.5	2.9
ROAE	12.4	11.3	11.0	12.5	13.4
Stability					
Gross Debt/Equity (%)	360.9	350.6	298.2	259.4	223.2
Net Debt/Equity (%)	340.1	325.5	260.4	234.7	198.5
Interest Coverage (x)	2.1	2.2	2.1	2.3	2.6
Interest & ST Debt Coverage (x)	0.3	0.3	0.3	0.4	0.4
Cash Flow Interest Coverage (x)	4.8	4.6	5.3	3.4	4.2
Cash Flow/Interest & ST Debt (x)	0.7	0.7	0.9	0.6	0.7
Current Ratio (x)	0.4	0.4	0.5	0.4	0.4
Quick Ratio (x)	0.2	0.2	0.3	0.2	0.2
Net Debt (Bt mn)	27,890	26,938	23,240	22,432	20,432
Per Share Data (Bt)					
EPS	0.6	0.6	0.6	0.7	0.8
CFPS	3.2	3.1	3.6	2.3	2.7
BVPS	4.8	4.9	5.3	5.6	6.1
SPS	--	--	--	--	--
EBITDA/Share	3.1	3.5	3.4	3.6	3.8
DPS	0.3	0.4	0.4	0.3	0.4
Activity					
Asset Turnover (x)	3.1	4.0	4.3	4.3	4.7
Days Receivables	2.0	1.8	2.0	2.0	2.0
Days Inventory	6.6	4.7	6.5	6.5	6.5
Days Payable	4.9	4.2	5.6	5.6	5.6
Cash Cycle	3.7	2.4	3.0	3.0	3.0

Source: KGI Securities Research

Profit & Loss

Year to 31 Dec (Bt mn)	2021	2022	2023	2024F	2025F
Revenue	133,759	179,422	198,811	200,733	213,185
Cost of Goods Sold	(123,627)	(167,414)	(185,889)	(186,940)	(198,517)
Gross Profit	10,132	12,008	12,922	13,793	14,668
Operating Expenses	(8,271)	(9,765)	(11,009)	(11,719)	(12,480)
Other incomes	329	363	413	402	414
Operating Profit	2,190	2,607	2,326	2,475	2,602
Depreciation of fixed assets	3,024	3,185	3,340	3,507	3,682
Operating EBITDA	5,214	5,792	5,666	5,982	6,285
Non-Operating Income	0	0	20	0	0
Interest Income	0	0	0	0	0
Other Non-op Income	0	0	20	0	0
Non-Operating Expenses	(1,118)	(1,147)	(1,128)	(1,110)	(1,075)
Interest Expenses	(1,118)	(1,123)	(1,128)	(1,110)	(1,075)
Other Non-op Expenses	0	(24)	0	0	0
Net Investment Income/(Loss)	205	(177)	33	100	167
Pre-tax Profit	1,277	1,283	1,252	1,465	1,694
Current Taxation	(261)	(361)	(261)	(293)	(339)
Minorities	10	19	22	20	21
Extraordinary items	0	31	(26)	0	0
Net Profit	1,006	934	944	1,152	1,334
EPS (Bt)	0.60	0.56	0.57	0.69	0.80

Source: KGI Securities Research

Cash Flow

Year to 31 Dec (Bt mn)	2021	2022	2023	2024F	2025F
Operating Cash Flow	5,336	5,121	5,944	3,817	4,557
Net Profit	1,006	934	944	1,152	1,334
Depreciation & Amortization	3,024	3,185	3,340	3,507	3,682
Change in Working Capital	1,710	869	1,995	29	367
Others	(403)	133	(335)	(871)	(827)
Investment Cash Flow	(2,384)	(2,627)	(3,010)	(3,361)	(2,784)
Net CAPEX	(2,217)	(2,314)	(2,625)	(3,500)	(3,500)
Change in LT Investment	0	0	0	0	0
Change in Other Assets	(166)	(312)	(385)	139	716
Free Cash Flow	3,119	2,807	3,319	317	1,057
Financing Cash Flow	(2,193)	(2,125)	(1,624)	(1,469)	(1,601)
Change in Share Capital	0	0	0	0	0
Net Change in Debt	(446)	(712)	(511)	(951)	(1,000)
Change in Other LT Liab.	(1,747)	(1,413)	(1,113)	(518)	(601)
Net Cash Flow	760	370	1,310	(1,013)	173

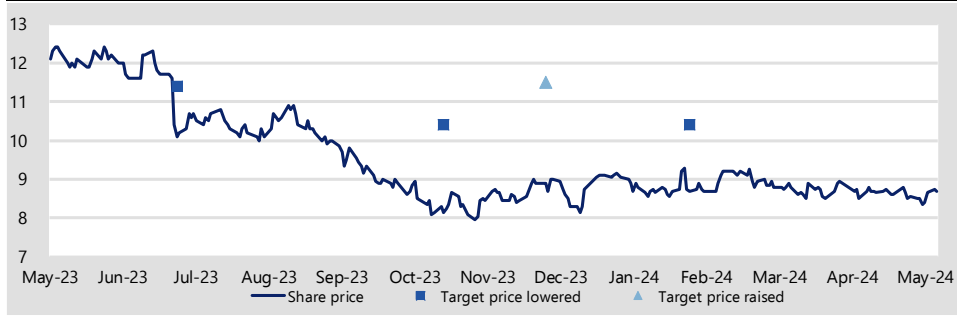
Source: KGI Securities Research

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
2021	90.2%	2.3%	6.2%	1.4%
2022	91.5%	1.8%	5.4%	1.3%
2023	91.8%	1.7%	5.5%	1.0%
2024F	91.4%	1.7%	5.8%	1.0%
2025F	91.4%	1.7%	5.9%	1.0%
Year	1/ $\frac{\text{Working Capital}}{\text{Revenue}}$	+ $\frac{\text{Net PPE}}{\text{Revenue}}$	+ $\frac{\text{Other Assets}}{\text{Revenue}}$	= Capital Turnover
2021	-0.06	0.09	0.19	4.59
2022	-0.05	0.07	0.14	6.18
2023	-0.04	0.07	0.12	7.07
2024F	-0.05	0.07	0.11	7.73
2025F	-0.05	0.06	0.10	8.68
Year	Operating Margin	x Capital Turnover	x Cash Tax Rate	= After-tax Return on Inv. Capital
2021	1.4%	4.6	79.4	5.1
2022	1.3%	6.2	72.1	5.6
2023	1.0%	7.1	78.4	5.3
2024F	1.0%	7.7	79.7	6.4
2025F	1.0%	8.7	79.8	7.1

Source: KGI Securities Research

PTG Energy - Recommendation & target price history



Source: KGI Securities Research

Company's ESG details

Environment

- PTG has continuously rolled out projects to reduce electricity consumption within its head office by regularly communicating with employees about how to save energy and use electricity via email and Intranet every Friday and organizing activities to reward lucky staff who joined and answered the given questions regarding energy saving in the workplace. As for the performance results aimed for in 2021, the company achieved reduced average annual electricity consumption per capita within the head office at 256 kWh/person compared to that of the base year (2019), representing 61.98%.
- PTG promoted minimization of water consumption at service stations, setting out an initiative of Water Purifier Invention in order to reuse water according to the 3Rs principle (Reuse, Reduce, and Recycle) for the second consecutive year through the Kaizen Project. It created a water purifier powered by solar energy to pump used water obtained from handwashing through filters for plant watering within service stations. In 2021, the company introduced the initiative to the Wang Noi 3 service station, contributing to reducing water consumption by approximately 3,564 cubic meters per year, or 297 cubic meters per month.
- PTG operates waste management based on waste disposal procedures, which are a guideline to manage waste caused by business activities in the workplace. The procedures include waste segregation, collection, and correct disposal to mitigate potential impacts on the environment. The company set a target to reduce both non-hazardous and hazardous waste by 5% in 2022 from a base year in 2021 in which the scope of reduction covers the oil depots.

Social

- PTG treats all employees equally in conformity with applicable labor laws and regulations. The Resource Management Department oversees the compliance of rules in respect of employment, work environment, wages, working hours, holidays, and workplace safety to achieve "Well-being and Contentedness" for all employees. In addition, the company requires an anti-harassment and non-discrimination policy be enforced in the workplace to prohibit executives, supervisors, or controllers from committing harassment against the group's employees with a focus that business establishments shall respect diversity and not tolerate discrimination in any aspect.
- PTG places importance on building employee engagement with the organization to ensure that it understands the needs of employees and is able to continue implementing projects and activities to boost employee engagement. The company requires an assessment of employee engagement and satisfaction towards the organization every year by assigning the People & Organization Transformation Department to be responsible for conducting an annual employee engagement assessment.
- PT Taxi Transform is a project to extend assistance to taxi customers who have been affected by the COVID-19 crisis. PTG also converts NGV taxis into LPG. The LPG cylinders installed are of recognized standards and quality, and are certified by the Department of Land Transport. There were 3,911 taxis converted to LPG, all of which also enjoyed discounts on every purchase of LPG throughout the year.
- PT Volunteer Camp "We Care Leave No one Behind" promotes good quality of life for people in the society and community by unlocking educational opportunities, promoting access to health check-ups, eye examinations and eyeglasses distribution for the elderly, high-quality education, and creating an environmentally-sound lifestyle. The company operates a volunteer camp, joining forces with PPP Green Complex Co., Ltd. at Bang Saphan District, Prachuap Khiri Khan, providing tailor-made eyeglasses for 263 elderly, and encouraging planting of 1,376 trees, with 557 community participants joining.

Governance

- PTG maintains annual "Excellent" CG scoring From Thai Institute of Directors Association (IOD).

Climate Management (Subset of environment)

- In 2021, PTG had 2020 greenhouse gas emissions data collected from the head office and oil depots certified by Thailand Greenhouse Gas Management Organization (Public Organization) (TGO), which were afterwards verified by the Water and Environment Institute for Sustainability, the Federation of Thai Industries. The company has planned to expand the corporate greenhouse gas emissions certification to its fleet offices in 2022 and service stations in 2023 to cover the entire spectrum of business operations.

Source: Company data, KGI Securities Research

SET ESG Ratings

Stock	Company name	SET ESG Ratings	Stock	Company name	SET ESG Ratings
ADVANC	ADVANCED INFO SERVICE	AAA	KTC	KRUNGTHAI CARD	AAA
AMATA	AMATA CORPORATION	AAA	LH	LAND AND HOUSES	A
AOT	AIRPORTS OF THAILAND	A	MAJOR	MAJOR CINEPLEX GROUP	AA
AP	AP (THAILAND)	AA	MEGA	MEGA LIFESCIENCES	A
BAFS	BANGKOK AVIATION FUEL SERVICES PCL.	AA	MINT	MINOR INTERNATIONAL	AA
BAM	BANGKOK COMMERCIAL ASSET MANAGEMEN	AA	MTC	MUANGTHAI CAPITAL	A
BANPU	BANPU	AAA	OR	PTT OIL AND RETAIL BUSINESS	AAA
BBGI	BBGI	AA	ORI	ORIGIN PROPERTY	AA
BBL	BANGKOK BANK	AA	OSP	OSOTSPA	AA
BCH	BANGKOK CHAIN HOSPITAL	AA	PLANB	PLAN B MEDIA	AA
BCP	BANGCHAK CORPORATION	AAA	PSH	PRUKSA HOLDING	BBB
BCPG	BCPG	AA	PTT	PTT	AAA
BDMS	BANGKOK DUSIT MEDICAL SERVICES	AA	PTTEP	PTT EXPLORATION AND PRODUCTION	AAA
BEM	BANGKOK EXPRESSWAY AND METRO	AA	PTTGC	PTT GLOBAL CHEMICAL	AAA
BGRIM	B.GRIMM POWER	AAA	RATCH	RATCH GROUP	AA
BPP	BANPU POWER	AAA	RBF	R&B FOOD SUPPLY	BBB
BTS	BTS GROUP HOLDINGS	AA	SAK	SAKSIAAM LEASING	A
CBG	CARABAO GROUP	A	SAPPE	SAPPE	BBB
CENTEL	CENTRAL PLAZA HOTEL	A	SAT	SOMBOON ADVANCE TECHNOLOGY	AA
CK	CH. KARNCHANG	A	SAWAD	SRISAWAD CORPORATION	BBB
CKP	CK POWER	AAA	SCB	SCB X	AA
COM7	COM7	A	SCC	THE SIAM CEMENT	AAA
CPALL	CP ALL	AAA	SCCC	SIAM CITY CEMENT	AA
CPAXT	CP AXTRA	AAA	SCGP	SCG PACKAGING	AAA
CPF	CHAROEN POKPHAND FOODS	AAA	SHR	S HOTELS AND RESORTS	A
CPN	CENTRAL PATTANA	AA	SICT	SILICON CRAFT TECHNOLOGY	A
EGCO	ELECTRICITY GENERATING	AA	SMPC	SAHAMITR PRESSURE CONTAINER	AA
ERW	THE ERWAN GROUP	A	SNC	SNC FORMER	A
GFPT	GFPT	BBB	SPALAI	SUPALAI	AA
GLOBAL	SIAM GLOBAL HOUSE	AA	STEC	SINO-THAI ENGINEERING AND CONSTRUCTION	A
GPSC	GLOBAL POWER SYNERGY	AA	STGT	SRI TRANG GLOVES (THAILAND)	AAA
GULF	GULF ENERGY DEVELOPMENT	AA	TCAP	THANACHART CAPITAL	A
HANA	HANA MICROELECTRONICS	AA	TFG	THAIFOODS GROUP	A
HENG	HENG LEASING AND CAPITAL	A	THCOM	THAICOM	AAA
HMPRO	HOME PRODUCT CENTER	AA	TISCO	TISCO FINANCIAL GROUP	AAA
INTUCH	INTOUCH HOLDINGS	AA	TOP	THAI OIL	AAA
IRPC	IRPC	AA	TTB	TMBTHANACHART BANK	AA
IVL	INDORAMA VENTURES	AA	UBE	UBON BIO ETHANOL	A
KBANK	KASIKORNBANK	AAA	VGI	VGI	AA
KEX	KERRY EXPRESS (THAILAND)	BBB	WHA	WHA CORPORATION	AAA
KKP	KIATNAKIN PHATRA BANK	BBB	WHAUP	WHA UTILITIES AND POWER	AAA
KTB	KRUNG THAI BANK	AAA	ZEN	ZEN CORPORATION GROUP	AA

Source: www.setsustainability.com

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.

Corporate Governance Report of Thai Listed Companies



Companies with Excellent CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
AAV	ASIA AVIATION	GFPT	GFPT	SAK	SAKSIAM LEASING
ADVANC	ADVANCED INFO SERVICE	GGC	GLOBAL GREEN CHEMICALS	SAPPE	SAPPE
AEONTS	AEON THANA SINSAP (THAILAND)	GLOBAL	SIAM GLOBAL HOUSE	SAT	SOMBOON ADVANCE TECHNOLOGY
AMA	AMA MARINE	GPSC	GLOBAL POWER SYNERGY	SCB	SCB X
AMATA	AMATA CORPORATION	GULF	GULF ENERGY DEVELOPMENT	SCC	THE SIAM CEMENT
ANAN	ANANDA DEVELOPMENT	HANA	HANA MICROELECTRONICS	SCCC	SIAM CITY CEMENT
AOT	AIRPORTS OF THAILAND	HENG	HENG LEASING AND CAPITAL	SCGP	SCG PACKAGING
AP	AP (THAILAND)	HMPRO	HOME PRODUCT CENTER	SEAFKO	SEAFKO
BAFS	BANGKOK AVIATION FUEL SERVICES PCL.	INTUCH	INTOUCH HOLDINGS	SFT	SHRINKFLEX (THAILAND)
BAM	BANGKOK COMMERCIAL ASSET MANAGEMENT	IRPC	IRPC	SHR	S HOTELS AND RESORTS
BANPU	BANPU	ITC	i-Tail Corporation	SICT	SILICON CRAFT TECHNOLOGY
BBGI	BBGI	IVL	INDORAMA VENTURES	SMPC	SAHAMITR PRESSURE CONTAINER
BBL	BANGKOK BANK	KBANK	KASIKORNBANK	SNC	SNC FORMER
BCH	BANGKOK CHAIN HOSPITAL	KCE	KCE ELECTRONICS	SNNP	SRINANAPORN MARKETING
BCP	BANGCHAK CORPORATION	KEX	KERRY EXPRESS (THAILAND)	SPALI	SUPALAI
BCPG	BCPG	KKP	KIATNAKIN PHATRA BANK	SPRC	STAR PETROLEUM REFINING
BDMS	BANGKOK DUSIT MEDICAL SERVICES	KTB	KRUNG THAI BANK	STEC	SINO-THAI ENGINEERING AND CONSTRUCTION
BEC	BEC WORLD	KTC	KRUNGTHAI CARD	STGT	SRI TRANG GLOVES (THAILAND)
BEM	BANGKOK EXPRESSWAY AND METRO	LH	LAND AND HOUSES	SUN	SUNSWEEP
BGRIM	B.GRIMM POWER	LPN	L.P.N. DEVELOPMENT	SVI	SVI
BH	BUMRUNGRAD HOSPITAL	M	MK RESTAURANT GROUP	TACC	T.A.C. CONSUMER
BPP	BANPU POWER	MAJOR	MAJOR CINEPLEX GROUP	TCAP	THANACHART CAPITAL
BTS	BTS GROUP HOLDINGS	MBK	MBK	TFG	THAIFOODS GROUP
CBG	CARABAO GROUP	MEGA	MEGA LIFESCIENCES	THCOM	THAICOM
CENTEL	CENTRAL PLAZA HOTEL	MINT	MINOR INTERNATIONAL	TIDLOR	NGERN TID LOR
CK	CH. KARNCHANG	MTC	MUANGTHAI CAPITAL	TISCO	TISCO FINANCIAL GROUP
CKP	CK POWER	OR	PTT OIL AND RETAIL BUSINESS	TKN	TAOKAENOI FOOD & MARKETING
COM7	COM7	ORI	ORIGIN PROPERTY	TOP	THAI OIL
CPALL	CP ALL	OSP	OSOTSPA	TTB	TMBTHANACHART BANK
CPAXT	CP AXTRA	PLANB	PLAN B MEDIA	UBE	UBON BIO ETHANOL
CPF	CHAROEN POKPHAND FOODS	PSH	PRUKSA HOLDING	VGI	VGI
CPN	CENTRAL PATTANA	PTT	PTT	WHA	WHA CORPORATION
DELTA	DELTA ELECTRONICS (THAILAND)	PTTEP	PTT EXPLORATION AND PRODUCTION	WHAUP	WHA UTILITIES AND POWER
DOHOM	DOHOME	PTTGC	PTT GLOBAL CHEMICAL	ZEN	ZEN CORPORATION GROUP
EGCO	ELECTRICITY GENERATING	QH	QUALITY HOUSES		
ERW	THE ERAWAN GROUP	RATCH	RATCH GROUP		



Companies with Very Good CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
BSRC	BANGCHAK SRIRACHA	JMART	JAYMART GROUP HOLDINGS	SINGER	SINGER THAILAND
BTG	BETAGRO	NTSC	Nutrition SC	TNP	THANAPIRIYA
EKH	EKACHAI MEDICAL CARE	POS	Premier Quality Starch	XO	EXOTIC FOOD
HUMAN	HUMANICA	PYLON	PYLON		



Companies with Good CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
IIG	I&I GROUP	SAWAD	SRISAWAD CORPORATION	SPA	SIAM WELLNESS GROUP
JMT	JMT NETWORK SERVICES	SMD	SAINTMED		

Companies classified Not in the three highest score groups

Stock	Company name	Stock	Company name	Stock	Company name
AU	AFTER YOU	PJW	PANJAWATTANA PLASTIC	TGE	THACHANG GREEN ENERGY
CHG	CHULARAT HOSPITAL	PLT	Pilatus Marine	TPCH	TPC POWER HOLDING
LPH	LADPRAO GENERAL HOSPITAL	PTG	PTG ENERGY	TU	THAI UNION GROUP
MENA	MENA TRANSPORT	SFLEX	STARFLEX		
NETBAY	NETBAY	SISB	SISB		

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 ERAWAN 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	SEAFSCO	SEAFSCO
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
BPCG	BPCG	BTS	BTS GROUP HOLDINGS	TPCH	TPC POWER HOLDING

Source: www.cgthailand.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.

KGI Locations

China	Shanghai	Room 2703B-2704, Tower A , Shanghai Dawning Centre,500 Hongbaoshi Road Shanghai, PRC 201103
	Shenzhen	Room 24D1, 24/F, A Unit, Zhen Ye Building, 2014 Bao'annan Road, Shenzhen, PRC 518008
Taiwan	Taipei	700 Mingshui Road, Taipei, Taiwan Telephone 886.2.2181.8888 • Facsimile 886.2.8501.1691
Hong Kong		41/F Central Plaza, 18 Harbour Road, Wanchai, Hong Kong Telephone 852.2878.6888 Facsimile 852.2878.6800
Thailand	Bangkok	195 One Bangkok Tower 4 18th - 19th floors Witthayu Road Lumpini, Pathumwan, Bangkok 10330, Thailand Telephone 66.2658.8888 Facsimile 66.2658.8014
Singapore		4 Shenton Way #13-01 SGX Centre 2 Singapore 068807 Telephone 65.6202.1188 Facsimile 65.6534.4826

KGI's Ratings

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.

Disclaimer

KGI Securities (Thailand) Plc. ("The Company") disclaims all warranties with regards to all information contained herein. In no event shall the Company be liable for any direct, indirect or any damages whatsoever resulting from loss of income or profits, arising by utilization and reliance on the information herein. All information hereunder does not constitute a solicitation to buy or sell any securities but constitutes our sole judgment as of this date and are subject to change without notice.