

Malaysia

HOLD (no change)

Consensus ratings*: Buy 8	B Hold 5 Sell 0
Current price:	RM17.28
Target price:	RM16.75
Previous target:	RM16.75
Up/downside:	-3.1%
CGS-CIMB / Consensus:	-9.8%
Reuters:	PGAS.KL
Bloomberg:	PTG MK
Market cap:	US\$7,777m
	RM34,192m
Average daily turnover:	US\$2.60m
	RM11.04m
Current shares o/s:	1,979m
Free float:	16.0%
*Source: Bloomberg	

Key changes in this note

No change.







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Petronas Gas

Higher tax and lower margins dent earnings

- 1QFY22 core net profit came in within our and the market's expectations, declining 25% yoy on higher effective tax rate and weaker gross margin.
- Performance was weaker across all divisions due to higher operating costs and higher fuel gas cost, which dragged down margins.
- A first interim DPS of 16 sen was declared, as expected. Retain Hold given the expected weaker earnings outlook with dividend yields of >4% as buffer.

Key results highlights

PGB's 1Q22 core net profit was in line at 22% of our and Bloomberg consensus's fullyear estimates. 1Q22 core earnings (excluding forex movements) declined 25% yoy despite stronger revenue (+9% yoy), mainly dragged down by: (i) a higher effective tax rate arising from the one-off Cukai Makmur, and (ii) weaker gross margin (-11.2% pts yoy) on higher fuel gas costs which were not passed through on electricity sales and higher operating costs. Core net profit contracted 8% qoq in 1Q22, due to lower share of profit from joint venture companies and higher tax.

1Q22 gross profit dented by higher operating costs

1Q22 revenue rose 9% yoy supported by: i) utilities (+42% yoy), on higher product prices and higher electricity sales volume, and ii) gas processing (+1% yoy), following higher internal gas consumption incentive achieved, which more than offset the 1% yoy sales decline at regasification due to lower liquefied natural gas (LNG) reloading at the Regasification Terminal Sg Udang (RTSU). 1Q22 gross profit fell 14% yoy, dragged down by weaker performance across the board: i) gas processing (-4% yoy) and gas transportation (-7% yoy), due to higher operating costs, ii) regasification (-11% yoy), due to higher operating costs and higher maintenance costs, in line with level of planned activities, and (iii) utilities (-71% yoy), due to lower margins as a result of higher fuel gas costs.

First interim DPS of 16 sen for 1Q22, as expected

A first interim DPS of 16 sen (vs. 16 sen in 1Q21) was declared in 1Q22, as expected. PGB adopts a dividend policy of paying out at least 50% of its net profit. We expect PGB to sustain its ordinary FY22F DPS at similar levels to FY21 (ordinary DPS of 72 sen), representing a dividend yield of over 4%. We gather the capex guidance for FY22F is c.RM1.3bn-1.4bn, depending on project opportunities.

Reiterate Hold

Our TP is unchanged at RM16.75 based on 17.1x FY23F (its 2-year historical mean P/E). We are using a 2-year historical mean P/E as it reflects PGB's trading range during the implementation of the incentive-based regulation (IBR) period. Retain Hold given the expected weaker FY22-24F earnings vs. FY21F due to Cukai Makmur and anticipated earnings step-down in FY23F arising from IBR RP2 (2023-2025). Dividend yields of more than 4% for FY22-24F will likely provide support to its share price.

Financial Summary	Dec-20A	Dec-21A	Dec-22F	Dec-23F	Dec-24F
Revenue (RMm)	5,592	5,649	5,749	5,690	5,799
Operating EBITDA (RMm)	3,687	3,643	3,785	3,729	3,791
Net Profit (RMm)	2,010	1,989	1,867	1,938	1,968
Core EPS (RM)	1.02	1.03	0.94	0.98	0.99
Core EPS Growth	7.44%	0.51%	(8.22%)	3.83%	1.53%
FD Core P/E (x)	16.90	16.81	18.32	17.64	17.38
DPS (RM)	1.27	0.82	0.72	0.72	0.72
Dividend Yield	7.35%	4.75%	4.17%	4.17%	4.17%
EV/EBITDA (x)	9.36	9.32	8.95	8.99	8.75
P/FCFE (x)	13.15	14.82	18.92	16.20	16.01
Net Gearing	1.08%	(2.51%)	(3.83%)	(7.02%)	(10.00%)
P/BV (x)	2.71	2.61	2.53	2.43	2.34
ROE	15.6%	15.8%	14.0%	14.0%	13.7%
CGS-CIMB/Consensus EPS (x)			0.95	0.98	0.99

SOURCES: CGS-CIMB RESEARCH, COMPANY REPORTS



Operating costs (627) (405) 55% (680) -8% (1,964) EBITDA 831 935 -11% 817 2% 3,785 EBITDA margin (%) 57 70 55 66 Depn & amort. (245) (247) -1% (220) 11% (1,021) EBIT 586 688 -15% 597 -2% 2,764 Interest expense (43) (42) 3% (46) -7% (186) Interest & invt inc 22 18 23% 27 -21% - Refers to interest income from fund and other investments Associates' contrib 32 45 -29% 47 -33% 155 Exceptionals (8) (38) -79% (1) >100% - Refers mainly to forex gains/losses Pretax profit 588 671 -12% 624 -6% 2,733 Tax (151) (130) 16% 11% (738) Tax rate (%) 2	FYE Dec 31	1Q	1Q	yoy %	4Q	qoq %	Prev.	Comments
Operating costs (627) (405) 55% (680) -8% (1,964) EBITDA 831 935 -11% 817 2% 3,785 EBITDA margin (%) 57 70 55 66 Depn & amort. (245) (247) -1% (220) 11% (1,021) EBIT 586 688 -15% 597 -2% 2,764 Interest expense (43) (42) 3% (46) -7% (186) Interest & invt inc 22 18 23% 27 -21% - Refers to interest income from fund and other investments Associates' contrib 32 45 -29% 47 -33% 155 Exceptionals (8) (38) -79% (1) >100% - Refers mainly to forex gains/losses Pretax profit 588 671 -12% 624 -6% 2,733 Tax rate (%) 26 19 22 27 Higher yoy due to one-off Cukai Makmur Minority interests (27) (24) 14% (36) -25% (129	(RMm)	FY22	FY21	chg	FY21	chg	FY22F	
EBITDA 831 935 -11% 817 2% 3,785 EBITDA margin (%) 57 70 55 66 Depn & amort. (245) (247) -1% (220) 11% (1,021) EBIT 586 688 -15% 597 -2% 2,764 Interest expense (43) (42) 3% (46) -7% (186) Interest & invt inc 22 18 23% 27 -21% - Refers to interest income from fund and other investments Associates' contrib 32 45 -29% 47 -33% 155 Exceptionals (8) (38) -79% (1) >100% - Refers mainly to forex gains/losses Pretax profit 588 671 -12% 624 -6% 2,733 Tax (151) (130) 16% (136) 11% (738) Tax rate (%) 26 19 22 27 Higher yoy due to one-off Cukai Makmur Minority interests (27) (24) 14% (36) -25% (129)	Revenue	1,458	1,340	9%	1,497	-3%	5,749	Higher yoy due to stronger revenue from utilities and gas processing units
EBITDA margin (%) 57 70 55 66 Depn & amort. (245) (247) -1% (220) 11% (1,021) EBIT 586 688 -15% 597 -2% 2,764 Interest expense (43) (42) 3% (46) -7% (186) Interest & invt inc 22 18 23% 27 -21% - Refers to interest income from fund and other investments Associates' contrib 32 45 -29% 47 -33% 155 Exceptionals (8) (38) -79% (1) >100% - Refers mainly to forex gains/losses Pretax profit 588 671 -12% 624 -6% 2,733 Tax (151) (130) 16% (136) 11% (738) Tax rate (%) 26 19 22 27 Higher yoy due to one-off Cukai Makmur Minority interests (27) (24) 14% (36) -25% (129) Net profit 411 516 -20% 453 -9% 1,867 Include	Operating costs	(627)	(405)	55%	(680)	-8%	(1,964)	
Depn & amort. (245) (247) -1% (220) 11% (1,021) EBIT 586 688 -15% 597 -2% 2,764 Interest expense (43) (42) 3% (46) -7% (186) Interest & invt inc 22 18 23% 27 -21% - Refers to interest income from fund and other investments Associates' contrib 32 45 -29% 47 -33% 155 Exceptionals (8) (38) -79% (1) >100% - Refers mainly to forex gains/losses Pretax profit 588 671 -12% 624 -6% 2,733 Tax (151) (130) 16% (136) 11% (738) Tax rate (%) 26 19 22 27 Higher yoy due to one-off Cukai Makmur Minority interests (27) (24) 14% (36) -25% (129) Net profit 411 516 -20% 453 -9% 1,867 Include exceptional items Core net profit 419 555 -2	EBITDA	831	935	-11%	817	2%	3,785	
EBIT 586 688 -15% 597 -2% 2,764 Interest expense (43) (42) 3% (46) -7% (186) Interest & invt inc 22 18 23% 27 -21% - Refers to interest income from fund and other investments Associates' contrib 32 45 -29% 47 -33% 155 Exceptionals (8) (38) -79% (1) >100% - Refers mainly to forex gains/losses Pretax profit 588 671 -12% 624 -6% 2,733 Tax (151) (130) 16% (136) 11% (738) Tax rate (%) 26 19 22 27 Higher yoy due to one-off Cukai Makmur Minority interests (27) (24) 14% (36) -25% (129) Net profit 411 516 -20% 453 -9% 1,867 Include exceptional items Core net profit 419 555 -25% 454 -8% 1,867 1QFY22 core net profit was 22% of our full-year forecast	EBITDA margin (%)	57	70		55		66	
Interest expense (43) (42) 3% (46) -7% (186) Interest & invt inc 22 18 23% 27 -21% - Refers to interest income from fund and other investments Associates' contrib 32 45 -29% 47 -33% 155 Exceptionals (8) (38) -79% (1) >100% - Refers mainly to forex gains/losses Pretax profit 588 671 -12% 624 -6% 2,733 Tax (151) (130) 16% (136) 11% (738) Tax rate (%) 26 19 22 27 Higher yoy due to one-off Cukai Makmur Minority interests (27) (24) 14% (36) -25% (129) Net profit 411 516 -20% 453 -9% 1,867 Include exceptional items Core net profit 419 555 -25% 454 -8% 1,867 1QFY22 core net profit was 22% of our full-year forecast EPS (sen) 21 26 -20% 23 -9% 94	Depn & amort.	(245)	(247)	-1%	(220)	11%	(1,021)	
Interest & invt inc 22 18 23% 27 -21% - Refers to interest income from fund and other investments Associates' contrib 32 45 -29% 47 -33% 155 Exceptionals (8) (38) -79% (1) >100% - Refers mainly to forex gains/losses Pretax profit 588 671 -12% 624 -6% 2,733 Tax (151) (130) 16% (136) 11% (738) Tax rate (%) 26 19 22 27 Higher yoy due to one-off Cukai Makmur Minority interests (27) (24) 14% (36) -25% (129) Net profit 411 516 -20% 453 -9% 1,867 Include exceptional items Core net profit 419 555 -25% 454 -8% 1,867 IQFY22 core net profit was 22% of our full-year forecast EPS (sen) 21 26 -20% 23 -9% 94	EBIT	586	688	-15%	597	-2%	2,764	
Associates' contrib 32 45 -29% 47 -33% 155 Exceptionals (8) (38) -79% (1) >100% - Refers mainly to forex gains/losses Pretax profit 588 671 -12% 624 -6% 2,733 Tax (151) (130) 16% (136) 11% (738) Tax rate (%) 26 19 22 27 Higher yoy due to one-off Cukai Makmur Minority interests (27) (24) 14% (36) -25% (129) Net profit 411 516 -20% 453 -9% 1,867 Include exceptional items Core net profit 419 555 -25% 454 -8% 1,867 1QFY22 core net profit was 22% of our full-year forecast EPS (sen) 21 26 -20% 23 -9% 94	Interest expense	(43)	(42)	3%	(46)	-7%	(186)	
Exceptionals (8) (38) -79% (1) >100% - Refers mainly to forex gains/losses Pretax profit 588 671 -12% 624 -6% 2,733 Tax (151) (130) 16% (136) 11% (738) Tax rate (%) 26 19 22 27 Higher yoy due to one-off Cukai Makmur Minority interests (27) (24) 14% (36) -25% (129) Net profit 411 516 -20% 453 -9% 1,867 Include exceptional items Core net profit 419 555 -25% 454 -8% 1,867 IQFY22 core net profit was 22% of our full-year forecast EPS (sen) 21 26 -20% 23 -9% 94	Interest & invt inc	22	18	23%	27	-21%	-	Refers to interest income from fund and other investments
Pretax profit 588 671 -12% 624 -6% 2,733 Tax (151) (130) 16% (136) 11% (738) Tax rate (%) 26 19 22 27 Higher yoy due to one-off Cukai Makmur Minority interests (27) (24) 14% (36) -25% (129) Net profit 411 516 -20% 453 -9% 1,867 Include exceptional items Core net profit 419 555 -25% 454 -8% 1,867 1QFY22 core net profit was 22% of our full-year forecast EPS (sen) 21 26 -20% 23 -9% 94	Associates' contrib	32	45	-29%	47	-33%	155	
Tax (151) (130) 16% (136) 11% (738) Tax rate (%) 26 19 22 27 Higher yoy due to one-off Cukai Makmur Minority interests (27) (24) 14% (36) -25% (129) Net profit 411 516 -20% 453 -9% 1,867 Include exceptional items Core net profit 419 555 -25% 454 -8% 1,867 1QFY22 core net profit was 22% of our full-year forecast EPS (sen) 21 26 -20% 23 -9% 94	Exceptionals	(8)	(38)	-79%	(1)	>100%	-	Refers mainly to forex gains/losses
Tax rate (%) 26 19 22 27 Higher yoy due to one-off Cukai Makmur Minority interests (27) (24) 14% (36) -25% (129) Net profit 411 516 -20% 453 -9% 1,867 Include exceptional items Core net profit 419 555 -25% 454 -8% 1,867 1QFY22 core net profit was 22% of our full-year forecast EPS (sen) 21 26 -20% 23 -9% 94 <td>Pretax profit</td> <td>588</td> <td>671</td> <td>-12%</td> <td>624</td> <td>-6%</td> <td>2,733</td> <td></td>	Pretax profit	588	671	-12%	624	-6%	2,733	
Minority interests (27) (24) 14% (36) -25% (129) Net profit 411 516 -20% 453 -9% 1,867 Include exceptional items Core net profit 419 555 -25% 454 -8% 1,867 1QFY22 core net profit was 22% of our full-year forecast EPS (sen) 21 26 -20% 23 -9% 94	Tax	(151)	(130)	16%	(136)	11%	(738)	
Net profit 411 516 -20% 453 -9% 1,867 Include exceptional items Core net profit 419 555 -25% 454 -8% 1,867 IQFY22 core net profit was 22% of our full-year forecast EPS (sen) 21 26 -20% 23 -9% 94	Tax rate (%)	26	19		22		27	Higher yoy due to one-off Cukai Makmur
Core net profit 419 555 -25% 454 -8% 1,867 1QFY22 core net profit was 22% of our full-year forecast EPS (sen) 21 26 -20% 23 -9% 94	Minority interests	(27)	(24)	14%	(36)	-25%	(129)	
EPS (sen) 21 26 -20% 23 -9% 94	Net profit	411	516	-20%	453	-9%	1,867	Include exceptional items
	Core net profit	419	555	-25%	454	-8%	1,867	1QFY22 core net profit was 22% of our full-year forecast
Core EPS (sen) 21 28 -25% 23 -8% 94	EPS (sen)	21	26	-20%	23	-9%	94	
	Core EPS (sen)	21	28	-25%	23	-8%	94	

FYE Dec 31	1Q	1Q	yoy %	4Q	qoq %
(RM m)	FY22	FY21	chg	FY21	chg
Gas Processing	232	243	-4%	235	-1%
Gas Transportation	183	198	-7%	118	56%
Regasification	175	197	-11%	207	-15%
Utilities	22	75	-71%	55	-61%
Gross profit	612	712	-14%	615	0%

Key risks to our call. A key potential downside risk to our Hold call is lowerthan-expected earnings following the IBR tariff revision. Key upside risks include better-than-expected regulatory earnings, and potential flight to safety by investors due to rising market volatility.



ESG in a nutshell

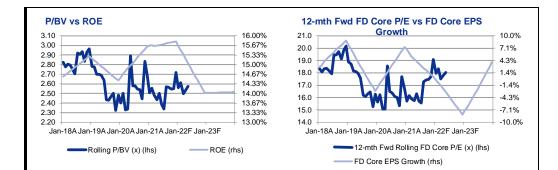
	Refinitiv ESG Scores					
ESG	B- ESG Score	A+ ESG Controversies Score	B- ESG Combined Score	C+ ESG Environment Pillar Score	B+ ESG Social Pillar Score	B- ESG Government Pillar Score

PGB is one of the pioneers among its local peers in adopting integrated reporting based on globally recognised frameworks. It is a constituent of the FTSE4Good Bursa Malaysia index.

Keep your eye on	Implications
Gas is the cleanest fossil fuel available and is fast growing, with robust demand driven by the transition away from coal into low carbon energy alternatives.	
ESG highlights	Implications
PGB is ranked among the top 26-50% in ESG ratings among public listed companies on FBM Emas that have been assessed by FTSE Russell.	There is no empirical evidence to suggest that better ESG ratings will result in better share price performance.
Trends	Implications
PGB has the lowest greenhouse gas (GHG) emissions, better gender diversity in its senior management and the lowest staff turnover among the big-cap utilities.	Providing more clarity and action items to tackle ESG issues could give investors more confidence in investing in the group.
	SOURCES: CGS-CIMB RESEARCH, REFINITIV



BY THE NUMBERS



Profit & Loss

(RMm)	Dec-20A	Dec-21A	Dec-22F	Dec-23F	Dec-24F
Total Net Revenues	5,754	5,764	5,936	5,896	6,029
Gross Profit	3,835	3,818	3,963	3,910	3,975
Operating EBITDA	3,687	3,643	3,785	3,729	3,791
Depreciation And Amortisation	-1,017	-983	-1,021	-1,013	-1,018
Operating EBIT	2,670	2,660	2,764	2,717	2,773
Financial Income/(Expense)	-220	-175	-186	-197	-208
Pretax Income/(Loss) from Assoc.	160	157	155	158	160
Non-Operating Income/(Expense)	0	0	0	0	0
Profit Before Tax (pre-El)	2,610	2,642	2,733	2,678	2,725
Exceptional Items					
Pre-tax Profit	2,610	2,642	2,733	2,678	2,725
Taxation	-528	-530	-738	-605	-616
Exceptional Income - post-tax					
Profit After Tax	2,082	2,111	1,995	2,073	2,109
Minority Interests	-73	-122	-129	-135	-142
Preferred Dividends					
FX Gain/(Loss) - post tax					
Other Adjustments - post-tax					
Net Profit	2,010	1,989	1,867	1,938	1,968
Recurring Net Profit	2,023	2,034	1,867	1,938	1,968
Fully Diluted Recurring Net Profit	2,023	2,034	1,867	1,938	1,968

Cash Flow

(RMm)	Dec-20A	Dec-21A	Dec-22F	Dec-23F	Dec-24F
EBITDA	3,687	3,643	3,785	3,729	3,791
Cash Flow from Invt. & Assoc.	65	77	77	77	77
Change In Working Capital					
(Incr)/Decr in Total Provisions					
Other Non-Cash (Income)/Expense					
Other Operating Cashflow	229	28	9	45	30
Net Interest (Paid)/Received	-99	-91	-102	-113	-124
Tax Paid	-390	-437	-738	-605	-616
Cashflow From Operations	3,492	3,220	3,031	3,134	3,159
Сарех	-964	-1,032	-1,300	-1,100	-1,100
Disposals Of FAs/subsidiaries					
Acq. Of Subsidiaries/investments					
Other Investing Cashflow	74	118	77	77	77
Cash Flow From Investing	-891	-914	-1,223	-1,023	-1,023
Debt Raised/(repaid)					
Proceeds From Issue Of Shares					
Shares Repurchased					
Dividends Paid	-2,612	-1,524	-1,425	-1,425	-1,425
Preferred Dividends					
Other Financing Cashflow	-872	-139	14	3	-8
Cash Flow From Financing	-3,484	-1,663	-1,411	-1,422	-1,433
Total Cash Generated	-883	644	397	689	702
Free Cashflow To Equity	2,601	2,306	1,808	2,111	2,135
Free Cashflow To Firm	2,821	2,481	1,993	2,308	2,343

SOURCES: CGS-CIMB RESEARCH, COMPANY REPORTS



BY THE NUMBERS... cont'd

(RMm)	Dec-20A	Dec-21A	Dec-22F	Dec-23F	Dec-24F
Total Cash And Equivalents	3,139	3,782	4,180	4,869	5,571
Total Debtors	744	890	905	896	913
Inventories	45	46	46	46	46
Total Other Current Assets	0	0	0	0	0
Total Current Assets	3,928	4,718	5,131	5,811	6,530
Fixed Assets	13,216	13,272	13,552	13,639	13,720
Total Investments	774	857	935	1,016	1,100
Intangible Assets	0	0	0	0	0
Total Other Non-Current Assets	426	339	339	339	339
Total Non-current Assets	14,416	14,468	14,826	14,994	15,159
Short-term Debt	145	168	168	168	168
Current Portion of Long-Term Debt					
Total Creditors	839	1,069	1,069	1,069	1,069
Other Current Liabilities	15	58	58	58	58
Total Current Liabilities	999	1,296	1,296	1,296	1,296
Total Long-term Debt	3,134	3,279	3,479	3,679	3,879
Hybrid Debt - Debt Component					
Total Other Non-Current Liabilities	2	32	32	32	32
Total Non-current Liabilities	3,136	3,311	3,511	3,711	3,911
Total Provisions	1,241	1,240	1,240	1,240	1,240
Total Liabilities	5,376	5,847	6,047	6,247	6,447
Shareholders' Equity	12,635	13,099	13,540	14,054	14,596
Minority Interests	334	241	370	505	646
Total Equity	12,969	13,340	13,910	14,558	15,242

Key Ratios

	Dec-20A	Dec-21A	Dec-22F	Dec-23F	Dec-24F
Revenue Growth	2.45%	1.01%	1.78%	(1.03%)	1.91%
Operating EBITDA Growth	(0.17%)	(1.21%)	3.91%	(1.46%)	1.66%
Operating EBITDA Margin	65.9%	64.5%	65.8%	65.5%	65.4%
Net Cash Per Share (RM)	-0.07	0.17	0.27	0.52	0.77
BVPS (RM)	6.39	6.62	6.84	7.10	7.38
Gross Interest Cover	12.15	15.20	14.87	13.80	13.34
Effective Tax Rate	20.2%	20.1%	27.0%	22.6%	22.6%
Net Dividend Payout Ratio	130%	77%	76%	74%	72%
Accounts Receivables Days	-	-	-	-	-
Inventory Days	11.74	8.52	8.50	8.45	8.19
Accounts Payables Days	164.2	179.0	197.8	196.5	190.5
ROIC (%)	19.2%	19.6%	20.6%	19.8%	20.1%
ROCE (%)	14.8%	15.0%	15.0%	14.1%	13.8%
Return On Average Assets	12.1%	12.2%	11.1%	11.1%	10.9%

Key Drivers					
	Dec-20A	Dec-21A	Dec-22F	Dec-23F	Dec-24F
Gas processing revenue	1,710.7	1,719.8	1,725.0	1,730.1	1,735.3
Gas transportation revenue	1,172.9	1,169.9	1,169.9	1,006.1	1,006.1
Sale of industrial utilities	1,308.6	1,345.4	1,412.7	1,483.3	1,557.5
Regasification revenue	1,400.0	1,413.5	1,441.7	1,470.6	1,500.0

SOURCES: CGS-CIMB RESEARCH, COMPANY REPORTS



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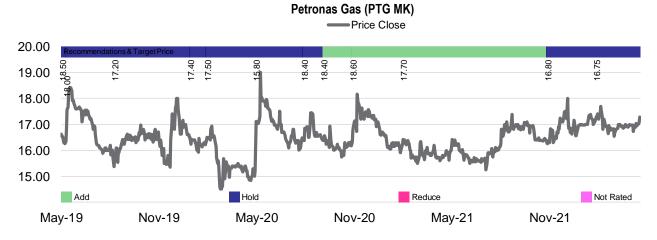
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Add	70.3%	0.8%			
Hold	22.0%	0.0%			
Reduce	7.8%	0.2%			



Spitzer Chart for stock being researched (2 year data)



Corporate Governance Report of Thai Listed Companies (CGR). CG Rating by the Thai Institute of Directors Association (Thai IOD) in 2021, Anti-Corruption 2021

ADVANC - Excellent, Certified, AMATA - Excellent, Certified, ANAN - Excellent, n/a, AOT - Excellent, n/a, AP - Excellent, Certified, ASP -Excellent, n/a, AWC - Excellent, Declared, AU - Good, n/a, BAM - Very Good, Certified, BAY - Excellent, Certified, BBL - Excellent, Certified, BCH - Very Good, Certified, BCP - Excellent, Certified, BCPG - Excellent, Certified, BDMS - Excellent, n/a, BEAUTY - Good, n/a, BEM -Excellent, n/a BH - Good, n/a, BJC - Very Good, n/a, BLA - Very Good, Certified, BTS - Excellent, Certified, CBG - Very Good, n/a, CCET - n/a, n/a, CENTEL - Excellent, Certified, CHAYO - Very Good, n/a, CHG - Very Good, n/a, CK - Excellent, n/a, COM7 - Excellent, Certified, CPALL -Excellent, Certified, CPF - Excellent, Certified, CPN - Excellent, Certified, CPNREIT - n/a, n/a, CRC - Excellent, Declared, DELTA - Excellent, Certified, DDD - Excellent, n/a, DIF - n/a, n/a, DOHOME - Very Good, Declared, DREIT - n/a, n/a, DTAC - Excellent, Certified, ECL - Excellent, Certified, EGCO - Excellent, Certified, EPG - Excellent, Certified, ERW - Very Good, Certified, GFPT - Excellent, Certified, GGC - Excellent, Certified. GLOBAL - Excellent. n/a. HANA - Excellent. Certified. HMPRO - Excellent. Certified. HUMAN - Good. n/a. ICHI - Excellent. Certified. III - Excellent, Declared, INTUCH - Excellent, Certified, IRPC - Excellent, Certified, ITD - Very Good, n/a, IVL - Excellent, Certified, JASIF - n/a, n/a, JKN - n/a, Certified, JMT - Very Good, n/a, KBANK - Excellent, Certified, KCE - Excellent, Certified, KEX - Very Good, Declared, KKP - Excellent, Certified, KSL - Excellent, Certified, KTB - Excellent, Certified, KTC - Excellent, Certified, LH - Excellent, n/a, LPN - Excellent, Certified, M - Very Good, Certified, MAKRO - Excellent, Certified, MC - Excellent, Certified, MEGA - Very Good, n/a, MINT - Excellent, Certified, MTC - Excellent, Certified, NETBAY - Very Good, n/a, NRF - Very Good, Declared, OR - Excellent, n/a, ORI - Excellent, Certified, OSP - Excellent, n/a, PLANB -Excellent, Certified, PRINC - Very Good, Certified, PR9 - Excellent, Declared, PSH - Excellent, Certified, PTT - Excellent, Certified, PTTEP -Excellent, n/a, PTTGC - Excellent, Certified, QH - Excellent, Certified, RAM - n/a, n/a, RBF - Very Good, n/a, RS - Excellent, Declared, RSP -Good, n/a, S - Excellent, n/a, SAK - Very Good, Declared, SAPPE - Very Good, Certified, SAWAD - Very Good, n/a, SCB - Excellent, Certified, SCC - Excellent, Certified, SCGP - Excellent, Declared, SECURE - n/a, n/a, SHR - Excellent, n/a, SIRI - Excellent, Certified, SPA - Very Good, n/a, SPALI - Excellent, Certified, SPRC - Excellent, Certified, SSP - Good, Certified, STEC - Excellent, n/a, SVI - Excellent, Certified, SYNEX -Very Good, Certified, TCAP - Excellent, Certified, THANI - Excellent, Certified, TIDLOR - n/a, Certified TISCO - Excellent, Certified, TKN - Very Good, n/a, TOP - Excellent, Certified, TRUE - Excellent, Certified, TTB - Excellent, Certified, TU - Excellent, Certified, TVO - Excellent, Certified, VGI - Excellent, Certified, WHA - Excellent, Certified, WHART - n/a, n/a, WICE - Excellent, Certified, WORK - Good, n/a.

- CG Score 2021 from Thai Institute of Directors Association (IOD)

- Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of August 5, 2021) are categorised into: companies that have declared their intention to join CAC, and companies certified by CAC.

Recommendation Framework				
Stock Ratings	Definition:			
Add	The stock's total return is expected to exceed 10% over the next 12 months.			
Hold	The stock's total return is expected to be between 0% and positive 10% over the next 12 months.			
Reduce	The stock's total return is expected to fall below 0% or more over the next 12 months.			
The total expected return of a stock is defined as the sum of the: (i) percentage difference between the target price and the current price and (ii) the forward net dividend yields of the stock. Stock price targets have an investment horizon of 12 months.				
Sector Ratings	Definition:			
Overweight	An Overweight rating means stocks in the sector have, on a market cap-weighted basis, a positive absolute recommendation.			
Neutral	A Neutral rating means stocks in the sector have, on a market cap-weighted basis, a neutral absolute recommendation.			
Underweight	An Underweight rating means stocks in the sector have, on a market cap-weighted basis, a negative absolute recommendation.			
Country Ratings	Definition:			
Overweight	An Overweight rating means investors should be positioned with an above-market weight in this country relative to benchmark.			
Neutral	A Neutral rating means investors should be positioned with a neutral weight in this country relative to benchmark.			
Underweight	An Underweight rating means investors should be positioned with a below-market weight in this country relative to benchmark.			

