

Neutral Downgraded

Price as of 14 Feb 2022	21.10
12M target price (Bt/shr)	24.0
Unchanged/Revised up(down)(%)	(40.0)
Upside/downside (%)	14.1

Key messages

ประกอบการที่น่าผิดหวัง และ NPL ก้อนใหญ่ใน 4Q65 ทำ ให้เกิดความกังวลเกี่ยวกับคุณภาพสินทรัพย์ของบริษัทใน ระยะต่อไป ซึ่งจากเป้าที่ผู้บริหารตั้งไว้แสดงว่าสถานการณ์ NPL สูงน่าจะยังต่อเนื่องไปตลอด 1H66 และทำให้บริษัท ปรับมาเน้นคุมคุณภาพสินทรัพย์ และเดิบโดอย่างช้า ๆ แทน ดังนั้น เราจึงปรับลดสมมติฐานอัตราการเติบโดของ สินเชื่อ และปรับเพิ่ม credit cost ขึ้น โดยเราปรับลด ประมาณการกำไรปี 2566/2567 ลง 37%/36% และปรับลด ราคาเป้าหมายปี 2566F ลงเหลือ 24 บาท (อิงจาก PE ที่ 20x) เราปรับลดคำแนะนำจากซื้อเป็นถือ.

Trading data

Mkt cap (Bt mn/US\$		17,344/521	
Outstanding shares		822	
Foreign ownership (r		n.a.	
3M avg. daily trading		6.7	
52-week trading ran		21.1-58.75	
Performance (%)	3M	6M	12M
Absolute	-37.0	-53.9	-51.8
Relative	-38.2	-54.4	-50.4

Quarterly EPS

	1Q	2Q	3Q	4Q
2020	0.22	0.29	0.29	0.30
2021	0.31	0.37	0.33	0.27
2022	0.25	0.32	0.32	0.24

Share price chart



Source: SET

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Singer Thailand

(SINGER.BK/SINGER TB)*

ปีแห่งการเคลียร์ NPL

Event

ประชุมนักวิเคราะห์

lmpact

ผลประกอบการ 4Q65 ออกมาน่าผิดหวัง

ผลประกอบการที่น่าผิดหวังของ SINGER ใน 4Q65 ที่ 193 ล้านบาท (-26% QoQ และ -9% YoY) ต่ำกว่า ประมาณของตลาดรวม 23% ในขณะที่กำไรเต็มปีอยู่ที่ 935 ล้านบาท (+33.5%) ซึ่งไม่เพียงพอที่จะชดเชย ผลจาก share dilution จากการเพิ่มทุนจำนวนมากในปีก่อนหน้า โดย EPS ลดลง 10% นอกจากผล ประกอบการที่อ่อนแอใน 4Q65 แล้ว ตัวเลขภายในงบการเงินยังดูไม่ดีในแง่ของ NPL ก้อนใหญ่จาก สินเชื่อ H/P เครื่องใช้ไฟฟ้า ซึ่งสัดส่วน NPL อยู่ที่ประมาณ 11% (เพิ่มขึ้นจาก 7% ในสองไตรมาสก่อน หน้า) และสัดส่วน NPL ของสินเชื่อจำนำทะเบียนอยู่ที่ 1%

NPL ของสินเชื่อ H/P เครื่องใช้ไฟฟ้าสูงกว่าภาพที่เห็น

SINGER ได้ชีดเครื่องใช้ไฟฟ้าคืนจากลูกหนี้ที่ผิดนัดผ่อนส่งค่างวคมูลค่าประมาณ 1 พันล้านบาท เสมือน การตัดหนี้สูญออกจากพอร์ตสินเชื่อ และบันทึกสินค้าที่ชืดคืนเป็นสินค้าคงคลัง ซึ่งหากมีการนำสินเชื่อ จำนวนนี้บวกกลับเข้ามา ตัวเลข NPL ที่แท้จริงของสินเชื่อ H/P สำหรับเครื่องใช้ไฟฟ้าม่าจะอยู่ที่ ประมาณ 23-24% สูงกว่าที่รายงานที่ 11% ทั้งนี้ การขึดเครื่องใช้ไฟฟ้าดังกล่าวเป็นการทำเพื่อบริหาร จัดการ NPL เกิดใหม่ที่จะเพิ่มเข้ามาใน ไตรมาสต่อ ๆ ไป โดย SINGER คาดว่า NPL อาจจะถึงจุดสูงสุด ใน 2Q66-3Q66 ในขณะเดียวดันบริษัทจำเป็นต้องนำเครื่องใช้ไฟฟ้าที่ชืดคืนเหล่านี้กลับออกมาขายให้เร็ว ที่สุด มิฉะนั้นบริษัทอาจจะต้องบันทึกผลขาดทุนจากการด้อยค่าของสินทรัพย์ เราคาดว่าสินค้าที่ชืดคืน อาจจะใช้เวบามากกว่า 1 ปี เพื่อขายซึ่งมีความเสี่ยงต่อผลขาดทุนจากการขาย และทำให้การตั้งสำรองหนี้ ฯสูงขึ้น

ปีแห่งการเคลียร์ NPL และการทบทวนนโยบาย

ในกลยุทธ์ปี 2566 SINGER ปรับนโยบายมาเน้นคุมคุณภาพสินทรัพย์ ไม่เน้นสร้างการเติบโตของพอร์ต สินเชื่อ H/P เครื่องใช้ไฟฟ้า โดยจะทำการทบทวนเกณฑ์การอนุมัติสินเชื่อ และคัดกรองทีมขายเพื่อลด ความเสี่ยง NPL ในอนาคต ซึ่งแนวทางดังกล่าวทำให้เราต้องปรับสมมติฐานใหม่ที่เปลี่ยนไปจากเดิมมาก

ปรับประมาณการกำไรปี 2566/2567 ลง 37%/36% และปรับลดราคาเป้าหมายปี 2566F เหลือ 24 บาท

เราปรับ i) ลดสมมติฐานอัตราการเติบโตของยอดขายเครื่องใช้ไฟฟ้าปี 2566/2567 เป็น -5%/+10% (จาก ประมาณการเดิมที่ +15%/+20%) ii) ลดสมมติฐานอัตราการเติบโตของสินเชื่อ H/P เป็น -5%/-10% (จาก เดิมที่ +20%/20%) iii) เพิ่มค่าใช้จ่ายหนี้เสีย/สินเชื่อ (credit cost) เป็น 3%/2.5% (จากเดิมที่ปีละ 1.4%) iv) ลด yield สินเชื่อลงเหลือปีละ 16.5% (จากเดิมที่ 17%) เราคาดว่ากำไรจะพลิกมาอยู่ในโหมดของการ เติบโตได้ในปี 2567 ซึ่งเมื่อใช้ PE ที่ 20x ทำให้เราได้ราคาเป้าหมายปี 2566F ใหม่ที่ 24 บาท ดังนั้น เราจึง ปรับลดคำแนะนำจากซื้อเป็นถือ

Risks

ขยายสินเชื่อไม่ได้ และกันสำรองเพิ่มขึ้น

Key financials and valuations

	Dec-20A	Dec-21A	Dec-22A	Dec-23F	Dec-24F	Dec-25F
Revenue (Bt mn)	3,658	4,397	5,205	5,039	5,688	6,209
Net income (Bt mn)	443	701	935	926	1,183	1,358
EPS (Bt)	1.07	0.88	1.14	1.13	1.44	1.65
DPS (Bt/sh)	0.2	0.4	1.0	1.1	1.4	1.5
EPS Growth (%)	160%	-19%	30%	-1%	28%	15%
Dividend Yie l d (%)	0.5%	0.7%	4.8%	5.2%	6.4%	7.1%
Gearing (x)	1.94	0.44	0.27	0.47	0.41	0.41
P/E (x)*	28.4	53.7	18.5	18.6	14.6	12.7
P/BV (x)	4.5	2.5	1.1	1.1	1.1	1.0
ROAA (%)*	5.9%	4.2%	3.8%	5.3%	6.2%	6.4%
ROAE(%)*	17.2%	7.9%	5.8%	8.0%	9.1%	9.7%

Source: Company data, KGI Securities Research



Figure 1: SINGER's quarterly income statement

Other income Total revenues Total revenues Expenses Cost of sales of goods Cost of rendering of services Distribution costs Administrative expenses Bad and doubtful debts expense Total expenses Operating profit PPOP 26 Finance costs Profit (loss) before tax Tax expense (income) Profit (loss) for the period EPS (Bt mn) Key figure and ratio Yield 22.4 Funding cost Loan spread 17. Gross profit margin Assitibution cost/rev. ratio Admin./rev. ratio By/rev. ratio C/I ratio D/E ratio (x) Days' Inventory turnover Days' AP turnover Asset quality Gross NPL 3 3	2 76: 1 36: 5 14 4 14 2 1,153 4 39: 4 28: 7 12: 7 8 8 23 3 32: 3 10: 0 4: 0 183 1 0.37 % 21.8' % 47.9' % 47.9'	3 501 376 4 17 4 21 8 915 7 250 5 5 9 201 2 124 8 16 8 596 9 319 1 303 0 116 0 204 3 39 6 0.33 6 5.7 7 0.33	860 442 25 1 1,328 492 4 156 137 127 916 412 285 126 287 75 213 0.27	1Q22 695 462 20 34 1,211 366 9 249 153 44 821 390 346 123 267 51 215 0.27	2Q22 899 497 27 3 1,426 500 6 295 163 - 12 951 475 487 125 345 80 265 0.32	3Q22 696 610 19 12 1,336 380 6 263 163 112 925 411 299 108 303 42 261 0.32	4Q22 421 747 20 44 1,232 261 5 264 117 212 858 374 162 105 278 79 193 0.24	QoQ -39.4% 22.4% 7.3% 281.7% -7.7% -31.4% -22.4% 0.1% -28.4% 89.6% -7.2% -9.0% -45.9% -3.1% -8.0% 90.0% -25.9% -23.8%	YoY -51% 69% -21% 7008% -7% -47% 10% 69% -15% -6% -9% -43% -17% -3% 6% -9% -9%	2021 2,766 1,499 72 60 4,397 1,473 20 960 470 152 3,074 1,323 1,171 425 902 202 701 1,27	2022 2,711 2,316 86 92 5,205 1,507 26 1,071 596 356 3,556 1,650 1,293 461 1,193 251 935 1.15	YoY -2.0% 54.5% 20.3% 54.3% 18.4% 2.3% 28.4% 11.6% 26.9% 135.0% 15.7% 24.7% 10.4% 8.7% 32.2% 24.5% 33.5%
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Distribution costs Administrative expenses Bad and doubtful debts expense Bad and doubtful debts expense Total expenses Operating profit PPOP 26 Finance costs Profit (loss) before tax Tax expense (income) Profit (loss) for the period EPS (Bt mn) Key figure and ratio Yield 22.4 Funding cost Loan spread 17. Gross profit margin Astribution cost/rev. ratio 8. C/I ratio D/E ratio (x) Days' Inventory turnover Days' AP turnover Asset quality Gross NPL 3	4 289 7 123 0 8 9 823 3 329 2 321 3 100 0 48 0 183 1 0.37 % 21.86 % 47.96	9 201 2 124 3 16 8 596 9 319 1 303 0 116 0 204 3 39 8 165 7 0.33 % 20.1% % 5.7%	156 137 127 916 412 285 126 287 75 213 0.27	249 153 44 821 390 346 123 267 51 215 0.27	295 163 - 12 951 475 487 125 345 80 265 0.32	263 163 112 925 411 299 108 303 42 261	264 117 212 858 374 162 105 278 79 193	0.1% -28.4% 89.6% -7.2% -9.0% -45.9% -3.1% -8.0% 90.0% -25.9%	69% -15% 67% -6% -9% -43% -17% -3% 6% -9%	960 470 152 3,074 1,323 1,171 425 902 202 701	1,071 596 356 3,556 1,650 1,293 461 1,193 251 935	11.69 26.99 135.09 15.79 24.79 10.49 8.79 32.29 24.59
Administrative expenses Bad and doubtful debts expense Total expenses 73 Operating profit PPOP 26 Finance costs Profit (loss) before tax Tax expense (income) Profit (loss) for the period EPS (Bt mn) 0.3 Key figure and ratio Yield 22.4 Funding cost Loan spread 17. Gross profit margin Distribution cost/rev. ratio 8. C/I ratio D/E ratio (x) Days' Inventory turnover Days' AP turnover Asset quality Gross NPL 3	7 12:0 8 9 823 8 329 2 321 3 100 0 48 0 183 1 0.37 % 21.88 % 6.26 % 15.66	2 124 3 16 8 596 3 19 1 303 0 116 0 204 3 39 8 165 7 0.33 % 20.1% % 5.7% % 14.3%	137 127 916 412 285 126 287 75 213 0.27	153 44 821 390 346 123 267 51 215 0.27	163 - 12 951 475 487 125 345 80 265 0.32	163 112 925 411 299 108 303 42 261	117 212 858 374 162 105 278 79 193	-28.4% 89.6% -7.2% -9.0% -45.9% -3.1% -8.0% 90.0% -25.9%	-15% 67% -6% -9% -43% -17% -3% 6% -9%	470 152 3,074 1,323 1,171 425 902 202 701	596 356 3,556 1,650 1,293 461 1,193 251 935	26.9% 135.0% 15.7% 24.7% 10.4% 8.7% 32.2% 24.5%
Bad and doubtful debts expense Total expenses 73 Operating profit PPOP 26 Finance costs Profit (loss) before tax Tax expense (income) Profit (loss) for the period EPS (Bt mn) Ceps (Bt mn) Key figure and ratio Yield Tax expense (income) Profit (loss) for the period Profit (loss) for the period Tax expense (income) Act of the period Tax expense (income) Act of the period Tax expense (income) Act of the period Tax expense (income) Act of the period Tax expense (income) Act of the period Tax expense (income) Act of the period Tax expense (income)	0 823 3 329 2 321 3 100 0 48 0 183 1 0.37 % 21.86 % 6.26 % 47.96	3 16 596 319 303 116 0 204 3 39 3 165 7 0.33 % 20.1% 5.7% 14.3%	127 916 412 285 126 287 75 213 0.27	44 821 390 346 123 267 51 215 0.27	951 475 487 125 345 80 265 0.32	112 925 411 299 108 303 42 261	212 858 374 162 105 278 79 193	89.6% -7.2% -9.0% -45.9% -3.1% -8.0% 90.0% -25.9%	67% -6% -9% -43% -17% -3% 6% -9%	152 3,074 1,323 1,171 425 902 202 701	356 3,556 1,650 1,293 461 1,193 251 935	135.0% 15.7% 24.7% 10.4% 8.7% 32.2% 24.5%
Total expenses 73 Operating profit 26 PPOP 26 Finance costs Profit (loss) before tax 18 Tax expense (income) 44 EPS (Bt mn) 0.3 Key figure and ratio Yield 22.4 Funding cost 5.5 Loan spread 17.6 Gross profit margin 48.9 Distribution cost/rev. ratio 8.0 C/I ratio 69.0 D/E ratio (x) 1.4 Days' Inventory turnover 19 Days' AP turnover 1.5 Asset quality Gross NPL 3	9 823 3 329 2 321 3 100 0 48 0 183 1 0.37 % 21.86 % 6.26 % 15.66 % 47.96	8 596 9 319 1 303 0 116 0 204 3 39 8 165 7 0.33 % 20.1% % 5.7% % 14.3%	916 412 285 126 287 75 213 0.27	821 390 346 123 267 51 215 0.27	951 475 487 125 345 80 265 0.32	925 411 299 108 303 42 261	858 374 162 105 278 79 193	-7.2% -9.0% -45.9% -3.1% -8.0% 90.0% -25.9%	-6% -9% -43% -17% -3% 6% -9%	3,074 1,323 1,171 425 902 202 701	3,556 1,650 1,293 461 1,193 251 935	15.7% 24.7% 10.4% 8.7% 32.2% 24.5%
Operating profit 26 PPOP 26 Finance costs 7 Profit (loss) before tax 18 Tax expense (income) 7 Profit (loss) for the period EPS (Bt mn) 0.3 Key figure and ratio Yield 22.4 Funding cost 5.5 Loan spread 17.6 Gross profit margin 48.9 Distribution cost/rev. ratio 8.0 C/I ratio 69.0 D/E ratio (x) 1.4 Days' Inventory turnover 1.5 Days' AP turnover 1.5 Asset quality Gross NPL 3	3 329 2 321 3 100 0 230 0 48 0 183 1 0.37 % 21.88 % 6.26 % 15.66	319 303 303 304 316 33 39 36 165 7 0.33 6 5.7% 4 14.3%	412 285 126 287 75 213 0.27 20.1%	390 346 123 267 51 215 0.27	475 487 125 345 80 265 0.32	411 299 108 303 42 261	374 162 105 278 79 193	-9.0% -45.9% -3.1% -8.0% 90.0% -25.9%	-9% -43% -17% -3% 6% -9%	1,323 1,171 425 902 202 701	1,650 1,293 461 1,193 251 935	24.7 % 10.4 % 8.7 % 32.2 % 24.5 %
PPOP 26 Finance costs Profit (loss) before tax Tax expense (income) Profit (loss) for the period 14 EPS (Bt mn) 0.3 Key figure and ratio Yield 22.4 Funding cost 5.4 Loan spread 17.4 Gross profit margin 48.1 Distribution cost/rev. ratio 32.4 Admin./rev. ratio 69.6 D/E ratio (x) 1.4 Days' Inventory turnover 1.5 Days' AP turnover 1.5 Asset quality Gross NPL 3	2 321 3 100 0 230 0 49 0 183 1 0.37 % 21.89 % 6.29 % 47.99	303 0 116 0 204 3 39 8 165 7 0.33 % 20.1% 5.7%	285 126 287 75 213 0.27 20.1% 5.7%	346 123 267 51 215 0.27	487 125 345 80 265 0.32	299 108 303 42 261	162 105 278 79 193	-45.9% -3.1% -8.0% 90.0% -25.9%	- 43% -17% - 3% 6% - 9%	1,171 425 902 202 701	1,293 461 1,193 251 935	10.4% 8.7% 32.2% 24.5%
Finance costs Profit (loss) before tax Tax expense (income) Profit (loss) for the period EPS (Bt mn) Key figure and ratio Yield Profit margin Distribution cost/rev. ratio Admin/rev. ratio Distribution Distribution Admin/rev. ratio Bays' Inventory turnover Days' AP turnover Asset quality Gross NPL 3 18 18 18 18 18 18 18 18 18 18	3 100 0 230 0 40 0 183 1 0.37 % 21.80 % 6.20 % 15.60 % 47.90	0 116 0 204 3 39 8 165 7 0.33 % 20.1% 5.7% 14.3%	126 287 75 213 0.27 0 20.1% 5.7%	123 267 51 215 0.27	125 345 80 265 0.32	108 303 42 261	105 278 79 193	-3.1% -8.0% 90.0% -25.9%	-17% -3% 6% -9%	425 902 202 701	461 1,193 251 935	8.7% 32.2% 24.5%
Profit (loss) before tax Tax expense (income) Profit (loss) for the period EPS (Bt mn) Key figure and ratio Yield Yield 22.4 Funding cost Loan spread Gross profit margin Admin_/rev. ratio Admin_/rev. ratio C/I ratio D/E ratio (x) Days' Inventory turnover Days' AP turnover Asset quality Gross NPL 3 14 8 22.4 8 3 22.4 8 3 22.4 8 4 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	230 0 48 0 183 1 0.37 % 21.8° % 6.2° % 15.6° % 47.9°	204 3 39 3 165 7 0.33 % 20.1% 5.7% 14.3%	287 75 213 0.27 20.1% 5.7%	267 51 215 0.27	345 80 265 0.32	303 42 261	278 79 193	-8.0% 90.0% -25.9%	-3 % 6% -9 %	902 202 701	1,193 251 935	32.2% 24.5%
Tax expense (income) Profit (loss) for the period EPS (Bt mn) Key figure and ratio Yield Funding cost Loan spread Cross profit margin Distribution cost/rev. ratio Admin /rev. ratio C/I ratio D/E ratio (x) Days' Inventory turnover Days' AP turnover Asset quality Gross NPL 1.4 1.4 1.5 1.6 1.7 1.7 1.7 1.7 1.7 1.7 1.7	0 48 0 183 1 0.37 % 21.8° % 6.2° % 15.6° % 47.9°	3 39 3 165 7 0.33 % 20.1% % 5.7% 14.3%	75 213 0.27 20.1% 5.7%	51 215 0.27	265 0.32	42 261	79 193	90.0% -25.9%	6% -9%	202 701	251 935	24.5%
Profit (loss) for the period EPS (Bt mn) 0.3 Key figure and ratio Yield 22.4 Funding cost 5 Loan spread 17 Gross profit margin 48 Distribution cost/rev. ratio 32 Admin /rev. ratio 69 C/I ratio 69 D/E ratio (x) 1 Days' Inventory turnover 1 Days' AP turnover 1 Asset quality Gross NPL 3.	0 183 1 0.37 % 21.86 % 6.26 % 15.66 % 47.96	3 165 7 0.33 % 20.1% % 5.7% % 14.3%	213 0.27 20.1% 5.7%	215 0.27	265 0.32	261	193	-25.9%	-9%	701	935	
EPS (Bt mn)0.3Key figure and ratio22.4Yield22.4Funding cost5.5Loan spread17.Gross profit margin48.4Distribution cost/rev. ratio32.Admin./rev. ratio8.5C/I ratio69.5D/E ratio (x)1.3Days' Inventory turnover1.9Days' AP turnover1.7Asset quality3	0.37 % 21.89 % 6.29 % 15.69 % 47.99	7 0.33 % 20.1% % 5.7% % 14.3%	0.27 20.1% 5.7%	18.6%	0.32							33.5%
Key figure and ratio Yield 22. Funding cost 5. Loan spread 17. Gross profit margin 48. Distribution cost/rev. ratio 32. Admin./rev. ratio 69. D/E ratio (x) 1. Days' Inventory turnover 1! Days' AP turnover 1. Asset quality Gross NPL 3	% 21.8° % 6.2° % 15.6° % 47.9°	% 20.1% % 5.7% % 14.3%	20.1% 5.7%	18.6%		0.32	0.24	-23.8%	-9%	1.27	1 15	
Yield 22.4 Funding cost 5.5 Loan spread 17. Gross profit margin 48.4 Distribution cost/rev. ratio 32. Admin./rev. ratio 8.5 C/I ratio 69. D/E ratio (x) 1.4 Days' Inventory turnover 1.9 Days' AP turnover 1.4 Asset quality 3 Gross NPL 3	% 6.2° % 15.6° % 47.9°	% 5.7% % 14.3%	5.7%		17.8%						1.13	-9.6%
Funding cost 5 Loan spread 17 Gross profit margin 48 Distribution cost/rev. ratio 32 Admin./rev. ratio 69 D/E ratio (x) 1 Days' Inventory turnover 1 Days' AP turnover 1 Asset quality Gross NPL 3	% 6.2° % 15.6° % 47.9°	% 5.7% % 14.3%	5.7%		17.8%							
Loan spread 17. Gross profit margin 48. Distribution cost/rev. ratio 32. Admin./rev. ratio 69. D/E ratio (x) 1. Days' Inventory turnover 1. Days' AP turnover 1. Asset quality Gross NPL 3	% 15.69 % 47.99	% 14.3%		F 70/		19.8%	23.1%					
Gross profit margin 48. Distribution cost/rev. ratio 32. Admin./rev. ratio 69. D/E ratio (x) 1. Days' Inventory turnover 1. Asset quality Gross NPL 3	% 47.9		144%	5.7%	5.7%	5.7%	5.7%					
Distribution cost/rev. ratio 32. Admin /rev. ratio 8. C/I ratio 69. D/E ratio (x) 1. Days' Inventory turnover 19. Days' AP turnover 11. Asset quality Gross NPL 3		n/ FO 10/	, , , , , , , 0	12.9%	12.0%	14.1%	17.4%					
Distribution cost/rev. ratio 32. Admin /rev. ratio 8. C/I ratio 69. D/E ratio (x) 1. Days' Inventory turnover 19. Days' AP turnover 11. Asset quality Gross NPL 3	% 25.49	% 50.1%	42.8%	47.4%	44.4%	45.3%	38.0%					
C/I ratio 69. D/E ratio (x) 1.3 Days' Inventory turnover 19 Days' AP turnover 11 Asset quality Gross NPL 3		% 22.5%	11.7%	21.1%	20.7%	19.9%	22.2%					
D/E ratio (x) 1.3 Days' Inventory turnover 1! Days' AP turnover 1. Asset quality Gross NPL 3	% 10.79	% 13.9%	10.3%	13.0%	11.5%	12.3%	9.8%					
Days' Inventory turnover 19 Days' AP turnover 10 Asset quality Gross NPL 3	% 63.79	% 60.2%	41.8%	57.0%	57.9%	51.1%	44.4%					
Days' Inventory turnover 19 Days' AP turnover 19 Asset quality Gross NPL 3			0.44	0.43	0.39	0.32	0.27					
Days' AP turnover 1: Asset quality Gross NPL 3			122	180	141	203	419					
Asset quality Gross NPL 3			107	181	138	159	68					
Gross NPL 3	T 12.	105	107	101	130	133	00					
	8 352	2 360	422	470	488	555	687	13.7%	54%			
- Title loan	2 2		23	29	38	32	46	-15.3%	82%			
- H/P 30			399	440	450	523	641	16.1%	53%			
NPL ratio 4				3.8%	3.5%	3.7%	4.6%		·			
NPL ratio - Title loan 0	% 0.59	% 0.4%	0.4%	0.5%	0.5%	0.4%	0.5%					
NPL ratio - H/P 7.			7.3%	7.3%	6.7%	7.4%	11.1%					
Credit cost (LLP/loan)	0 8	3 16	127	44	- 12	112	212					
NPL coverage 8	% 789	% 80%	64%	66%	68%	76%	67%					
(Bt mn) 1Q	1 2Q2	1 3Q21	4Q21	1Q22	2Q22	3Q22	4Q22	QoQ	YoY			
Loan breakdown												
1.) H/P loan 5,2	2 5,928	6,332	7,094	7,897	8,910	9,407	7,403	5.6%	49%			
Total H/P loan 3,90			5,429	6,011	6,685	7,071	5,788	5.8%	47%			
	3) (250							30.2%	43%			
H/P - net 3,90			5,429	6,011	6,685	7,071	5,788	5.8%	47%			
2.) Title loan 3,5:			5,503	6,311	7,088	7,992	9,059	12.8%	71%			
Total title loan 3,5			5,533	6,346	7,124	8,031	9,109	12.7%	71%			
_ :		5) (27)	-	-				10.9%	101%			
Title loan - net 3,55			5,533	6,346	7,124	8,031	9,109	12.7%	71%			
				12,357	13,809		14,897	9.4%	59%			
							-					
Accrued interest (1,2)					(2,190)	(2,297)	(1,565)	4.9%	54%			
Total loan 7,51			10,962			15,102		9.4%	59%			
LLR (2	4) (27!			(310)	(333)	(425)	(504)	27.4%	48%			
Loan - net 7,24		9,231	10,690 127	12,047 44	13,475 (12)	14,677 112	14,394	8.9%	59%			







Bt mn	2020	2021	2022	2023F	2024F	2025F
			-		-	
Loan breakdown						
- H/P - electrical appliances	3,346	5,185	5,357	5,289	5,845	6,458
- title loan	2,972	5,505	9,037	10,916	12,007	13,208
- Others	323	438	704	219	220	220
Total	6,640	11,127	15,098	16,423	18,072	19,886
Growth						
- H/P - electrical appliances	48.0%	54.9%	3.3%	-5.3%	10.5%	10.5%
- title loan	134.5%	85.2%	64.2%	20.8%	10.0%	10.0%
- Others	50.6%	35.6%	60.9%	-68.9%	0.5%	0.0%
Total	77.4%	67.6%	35.7%	8.8%	10.0%	10.0%
Loss on repossession	156.8	-	-	37.5	57.7	65.3
Provisioning expense	140.8	151.5	356.1	419.7	369.3	406.3
Credit cost	2.1%	1.4%	2.4%	3.0%	2.5%	2.0%
NPL ratio	4.4%	3.9%	4.7%	5.0%	4.5%	4.0%
NPL cov.	98%	64%	67%	87%	83%	80%
Revenue breakdown	3,427	4,265	5,027	5,503	6,024	6,621
- from electrical appliance sales	2,455	2,766	2,711	2,833	3,116	3,428
- from interest income	972	1,499	2,316	2,671	2,908	3,193
GPM	45.1%	46.8%	44.4%	45.5%	45.5%	45.5%
Loan yield	19.0%	17.2%	18.0%	16.5%	16.5%	16.5%
Cost of fund	5.4%	5.1%	6.1%	6.4%	6.4%	6.4%
Spread	13.6%	12.2%	12.0%	10.1%	10.1%	10.1%
Spread- net provisioning exp.	11.5%	10.8%	9.6%	7.2%	7.6%	8.0%
Distribution cost	1,066	960	1,071	1,101	1,205	1,324
% to rev.	31.1%	22.5%	21.3%	20.5%	20.5%	20.5%
Admin cost	406	470	596	605	663	728
% to rev.	11.8%	11.0%	11.9%	11.5%	11.5%	11.5%
D/E	1.94	0.44	0.27	0.41	0.41	0.57
ROA	5.9%	4.2%	3.8%	5.3%	6.2%	6.4%
ROE	17.2%	7.9%	5.8%	8.0%	9.1%	9.7%
Operating exp.	1,472	1,430	1,667	1,706	1,868	2,053

Source: Bank of Thailand, KGI Securities Research

Figure 3: Key assumptions

	Pre	evious	No	ew
	2023F	2024F	2023F	2024F
Electrical appliance sales growth	+15%	+20%	-5.3%	10.5%
H/P loan growth	+20%	+20%	-5%	+10%
Credit cost	1.4%	1.4%	3.0%	2.5%
Loan yield	17.0%	17.0%	16.5%	16.5%

Source: Company data, KGI Securities Research

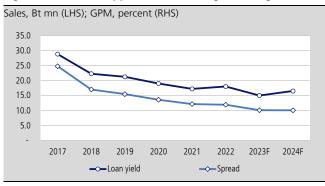


Figure 4: Company profile

Singer Thailand (SINGER) operates two business lines i) distributor of consumer products and home electrical appliances under the "Singer" brand through 47 outlet and 2,000 sales agents/representatives, around 80% of total sales are made on a H/P installment and made under subsidiary (SG Capital), and ii) title loans for truck for individual clients and fleets.

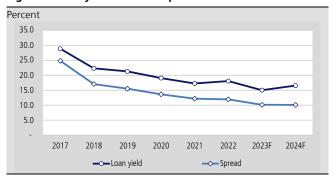
Source: Company data

Figure 6: Electrical appliance sales and gross margin



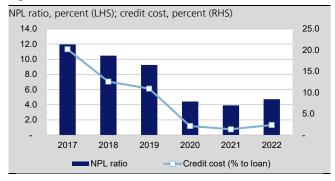
Source: Company data, KGI Securities Research

Figure 8: Loan yield and loan spread



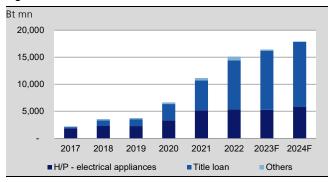
Source: Company data, KGI Securities Research

Figure 10: NPL ratio and credit cost



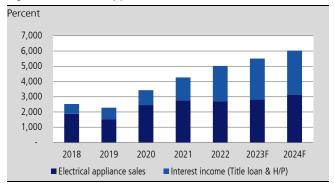
Source: KGI Securities Research

Figure 5: Loan breakdown



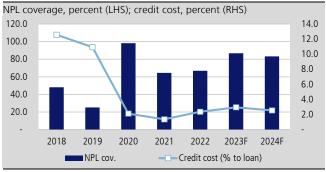
Source: Company data, KGI Securities Research

Figure 7: Electrical appliance sales breakdown



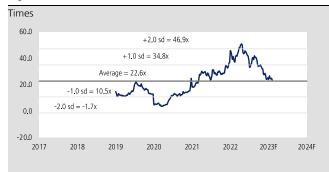
Source: Company data, KGI Securities Research

Figure 9: NPL coverage and credit cost



Source: Company data, KGI Securities Research

Figure 11: PE





SINGER - Recommendation & target price history



Date	Rating	Target	Price
25-Nov-22	Outperform	40.00	31.50
18-Nov-22	Outperform	43.00	31.75
9-Sep-22	Outperform	56.00	46.25
3-May-22	Neutral	56.00	55.25



Balance Sheet					
As of 31 Dec (Bt mn)	2021	2022	2023F	2024F	2025F
Total Assets	24,201	25,894	24,122	22,871	23,445
Current Assets	17,075	15,489	13,497	11,618	10,666
Cash & S-T Investments	11,578	7,436	7,154	4,934	2,757
Inventories	643	1,755	584	500	769
Accounts Receivable	4,769	6,149	5,714	6,139	7,095
Others	85	149	45	45	45
Non-Current Assets	7,126	10,405	10,625	11,252	12,779
L-T loans	6,358	8,949	9,464	9,835	11,327
Net Fixed Assets	475	850	850	1,100	1,130
Others	293	606	312	317	322
Total Liabilities	9,362	7,586	8,725	7,186	7,827
Current Liabilities	2,650	2,632	1,245	650	650
Accounts Payable	1,044	565	600	600	600
ST Borrowings	54	65	-	-	-
Others	1,552	2,002	645	50	50
Long-term Liabilities					
Long-term Debts	6,520	4,771	7,225	6,361	7,002
Others	193	183	255	175	175
Shareholders' Equity	14,839	17,641	15,397	15,687	15,748
Common Stock	800	822	822	822	822
Capital Surplus	11,996	12,256	12,256	12,256	12,256

Source: KGI Securities Research

Key ratios					
Year to 31 Dec	2021	2022	2023F	2024F	2025F
Growth (% YoY)					
Rev. from sales of goods	12.7%	-2.0%	-5.0%	10.0%	10.0%
Net interest income	43.7%	72.6%	0.8%	21.1%	8.9%
OP	19.7%	29.5%	-0.1%	15.5%	8.8%
Pre-provisioning profit	81%	47%	10%	18%	8%
Net profit	-58%	-33%	1%	-28%	-15%
EPS	19%	-31%	-4%	-28%	-15%
Profitability (%)					
Gross Margin	46.8%	44.4%	46.0%	45.5%	45.5%
Operating Margin	58.6%	64.4%	66.6%	67.9%	67.5%
PPOP margin	24.6%	30.7%	34.8%	36.3%	35.9%
Pre-tax profit margin	21.1%	23.6%	25.3%	28.6%	29.8%
Net profit Margin	4.7%	5.0%	5.2%	6.0%	6.0%
SG&A/revenue ratio	34.0%	33.7%	31.7%	31.6%	31.6%
ROAE	7.9%	5.8%	5.6%	7.6%	8.6%
- H/P	19.0%	17.5%	17.5%	17.5%	0.0%
Cost of fund	6.0%	6.0%	6.0%	6.0%	0.0%
Spread	9.0%	10.5%	10.5%	10.5%	0.0%
Stability					
Credit cost	3.0%	2.5%	2.0%	2.0%	0.0%
Net Debt/Equity (%)	47%	41%	41%	57%	0%
Interest Coverage (%)	3.5	4.3	5.1	5.9	5.9
Current Ratio (x)	1.82	2.04	1.55	1.62	1.36
Per Share Data (Bt)					
EPS	0.9	1.1	1.2	1.5	1.7
BVPS	18.7	19.1	19.2	20.2	20.2
DPS	0.35	1.00	1.10	1.35	1.50
Activity					
Days Payable	110	93	67	47	43
Days Inventory	163	290	165	128	136
Cash Cycle	54	197	99	81	93

Source: KGI Securities Research

Year to 31 Dec (Bt mn)	2020	2021	2022	2023F	2024F	2025F
Revenue from sales of goods	2,455	2,766	2,711	2,575	2,833	3,116
Cost of Good sold	1,347	1,473	1,507	1,391	1,544	1,698
Gross profit	1,108	1,293	1,204	1,185	1,289	1,418
Int. income (H/P and title loans)	972	1,499	2,316	2,283	2,671	2,908
Interest expense	225	425	461	414	408	444
Net interest income	748	1,074	1,854	1,869	2,263	2,464
Rev. from rendering of services	71	72	86	80	85	85
Other income	160	60	92	100	100	100
Operating profit	2,087	2,499	3,237	3,234	3,737	4,067
Distribution cost	1,066	960	1,071	972	1,101	1,205
Cost of rendering of services	37	20	26	35	35	35
Admin. Cost	406	470	596	534	605	663
Pre-provisioning profit	578	1,050	1,544	1,693	1,996	2,164
Provioning expense	141	152	356	465	420	369
Pretax profit	438	898	1,188	1,228	1,576	1,795
Current Taxation	(4)	202	251	252	331	359
Exordinary Items						
Net Profit	442	701	935	926	1,183	1,358
EPS (Bt)	1.1	0.9	1.1	1.1	1.4	1.7

Source: KGI Securities Research

Rates of Return on Invested Capital

		•			
Year to 31 Dec (Bt mn)	2021	2022	2023F	2024F	2025F
Operating Cash Flow	(2,872)	(3,507)	(3,518)	290	(370)
Net profit	701	941	976	1,245	1,436
Depreciation & Amortization	91	117	90	100	110
Change in Working Capital	(2,963)	(3,115)	(5,537)	(1,951)	(2,819)
LLP	151.5	356.1	465.3	419.7	369.3
Loss on repossession	-	-	43.8	37.5	57.7
Others	- 851.7	- 1,806.0	444.0	438.6	476.2
Investment Cash Flow	(10,024)	6,935	5,281	(170)	(170)
Net CAPEX	3,255	(409)	(70)	(70)	(70)
Change in LT Investment					
Change in Others Assets					
Free Cash Flow	(12,896)	3,428	1,763	120	(540)
Financing Cash Flow	13,407	462 -	- 1,636 -	540	363
Change in Share Capital	11,424	144	0	0	0
Net Change in Debt	2,606	(1,535)	0	(800)	641
Change in Others LT Liab.					
Net Cash Flow	511	3,891	127	(419)	(177)

Source: KGI Securities Research

Rates of Return on Invested Capital

1	- COGS	+	Depreciation	+	Operating Exp.	=	Operating
Year	Revenue	•	Revenue	Revenue Revenue			Margin (%)
2021	34.5		3.3		37.7		24.44
2022	30.0		4.3		37.1		28.64
2023F	28.6		3.5		34.7		33.21
2024F	28.1		3.5		34.2		34.25
1	/ Working Capital	+	Net PPE	+	Others Assets	=	Capital
Year	Revenue		Revenue		Revenue		Turnover (x)
2021	338.2		11.1		6.9		0.28
2022	255.8		16.9		12.1		0.35
2023F	252.2		17.5		6.4		0.36
2024F	199.3		20.0		5.8		0.44
	Operating	Χ	Capital	Х	Cash	=	After-tax Return
Year	Margin		Turnover		Tax Rate		on Inv. Capital (%
2021	24.6		0.3		22.5		1.6
2022	30.7		0.4		21.1		2.3
2023F	34.8		0.4		20.5		2.6
2024F	36.3		0.4		21.0		3.4



Corporate Governance Report of Thai Listed Companies

Stock	Company name	Stock	Company name	Stock	Company name
AAV	ASIA AVIATION	EGCO	ELECTRICITY GENERATING	PTTEP	PTT EXPLORATION AND PRODUCTION
DVANC	ADVANCED INFO SERVICE	GFPT	GFPT	PTTGC	PTT GLOBAL CHEMICAL
MA	AMA MARINE	GGC	GLOBAL GREEN CHEMICALS	PYLON	PYLON
MATA	AMATA CORPORATION	GPSC	GLOBAL POWER SYNERGY	QН	QUALITY HOUSES
NAN	ANANDA DEVELOPMENT	HANA	HANA MICROELECTRONICS	RATCH	RATCHABURI ELECTRICITY GENERATING HOLDING
тот	AIRPORTS OF THAILAND	нмрко	HOME PRODUCT CENTER	RS	RS
P	ASIAN PROPERTY DEVELOPMENT	INTUCH	SHIN CORPORATION	SCB	THE SIAM COMMERCIAL BANK
ANPU	BANPU	IRPC	IRPC	scc	THE SIAM CEMENT
СР	THE BANGCHAK PETROLEUM	IVL	INDORAMA VENTURES	sccc	SIAM CITY CEMENT
CPG	BCPG	KBANK	KASIKORNBANK	SEAFCO	SEAFCO
DMS	BANGKOK DUSIT MEDICAL SERVICES	KCE	KCE ELECTRONICS	SMPC	SAHAMITR PRESSURE CONTAINER
EC	BEC WORLD	ККР	KIATNAKIN BANK	SPALI	SUPALAI
EM	BANGKOK EXPRESSWAY AND METRO	ктв	KRUNG THAI BANK	SPRC	STAR PETROLEUM REFINING
GRIM	B.GRIMM POWER	ктс	KRUNGTHAI CARD	svi	SVI
PP	BANPU POWER	LH	LAND AND HOUSES	TACC	T.A.C. CONSUMER
TS	BTS GROUP HOLDINGS	LPN	L.P.N. DEVELOPMENT	TCAP	THANACHART CAPITAL
ENTEL	CENTRAL PLAZA HOTEL	MAKRO	SIAM MAKRO	тнсом	THAICOM
K	CH. KARNCHANG	мвк	MBK	TISCO	TISCO FINANCIAL GROUP
KP	CK POWER	MINT	MINOR INTERNATIONAL	ТОР	THAI OIL
PALL	CP ALL	мтс	MUANGTHAI CAPITAL	TRUE	TRUE CORPORATION
PF	CHAROEN POKPHAND FOODS	PLANB	PLAN B MEDIA	ттв	TMBTHANACHART BANK
PN	CENTRAL PATTANA	PSH	PRUKSA HOLDING	VGI	VGI GLOBAL MEDIA
ELTA	DELTA ELECTRONICS (THAILAND)	PTG	PTG ENERGY	WHA	WHA CORPORATION
TAC	TOTAL ACCESS COMMUNICATION	PTT	PTT	WHAUP	The second secon

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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	М	MK RESTAURANT GROUP	SPA	SIAM WELLNESS GROUP
сом7	COM7	MAJOR	MAJOR CINEPLEX GROUP	TFG	THAIFOODS GROUP
DOHOME	DOHOME	MEGA	MEGA LIFESCIENCES	TKN	TAOKAENOI FOOD & MARKETING
ERW	THE ERAWAN 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
ВСН	BANGKOK CHAIN HOSPITAL	ESSO	ESSO (THAILAND)	SF	SIAM FUTURE DEVELOPMENT
ВН	BUMRUNGRAD HOSPITAL	HUMAN	HUMANICA	SISB	SISB
EKH	EKACHAI MEDICAL CARE	RBF	R&B FOOD SUPPLY	ТРСН	TPC POWER HOLDING

Companies classified Not in the three highest score groups

mpannes classification and an estingification groups				
Company name	Stock	Company name	Stock	Company name
				• •
I&I GROUP	OR	PTT OIL AND RETAIL BUSINESS	STGT	SRI TRANG GLOVES (THAILAND)
KERRY EXPRESS (THAILAND)	STEC	SINO-THAI ENGINEERING AND CONSTRUCTION		
	Company name	Company name Stock I&I GROUP OR	Company name Stock Company name I&I GROUP OR PTT OIL AND RETAIL BUSINESS	Company name Stock Company name Stock I&I GROUP OR PTT OIL AND RETAIL BUSINESS STGT

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	KASIKORNBANK	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	SEAFCO	SEAFCO
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
CENTEL	CENTRAL PLAZA HOTEL	MALEE	MALEE SAMPRAN	TMB	TMB BANK
CHG	CHULARAT HOSPITAL	MINT	MINOR INTERNATIONAL	TRT	TIRATHAI
CKP		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.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.



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Rating		Definition
Outperforn	n (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 perf	orm (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.

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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

Excess return = 12M target price/current price-

changed automatically.