

BANGKOK AVIATION FUEL SERVICES

THAILAND / ENERGY

BAFS TB

BUY

Turnaround expected in 1Q23

- BAFS reported a 4Q22 net loss of THB41m, a slight improvement from the net losses of THB43m in 3Q22 and THB274m in 4Q21.
- The key culprits were the high depreciation and interest expenses from the THB11b NFPT project.
- Maintain BUY and our SoTP-based TP of THB37.

TARGET PRICE	THB37.00
CLOSE	THB32.25
UP/DOWNSIDE	+14.7%
TP vs CONSENSUS	+2.3%

4Q22 earnings dragged down as employee salaries, benefits rise

BAFS reported a 4Q22 net loss of THB41m, a slight improvement from -THB43m in 3Q22 and -THB274m in 4Q21. The key culprits were the high depreciation and interest expenses from the THB11b North Fuel Pipeline Transportation project (NFPT). On top of that, BAFS returned to paying full salaries and other employee benefits in 4Q22 after cutting back due to the Covid-19 situation. Aviation fuel service volumes at two key airports, Suvarnabhumi (BKK) and Don Mueang (DMK), increased to 980m litres in 4Q22, up 24% q-q and up 100% y-y, as the number of flights serviced rose to 55,798 (+22% q-q, +108% y-y). BAFS has seen improving sales volumes from its aviation services, rising from 3.8mlpd in 3Q21 to 10.9mlpd in 4Q22. Note that BAFS' financial breakeven point in terms of fuel sales volume after full salaries and other employee benefits are paid is at 10.3mlpd.

Better, but not enough

Overall, 4Q22 revenue improved q-q to THB727m (+28% q-q, +56% y-y), due to the higher revenue from aviation services (+24% q-q, +104% y-y) and the higher revenue contribution from utilities (+38% q-q, -2% y-y). In 4Q22, the profit contribution from aviation services was THB101m, up from THB73m in 3Q22 and the net loss of THB36m in 4Q21. The profit contribution from utilities also improved to THB9m in 4Q22, up from a net loss of THB21m in 3Q22.

Strong growth momentum

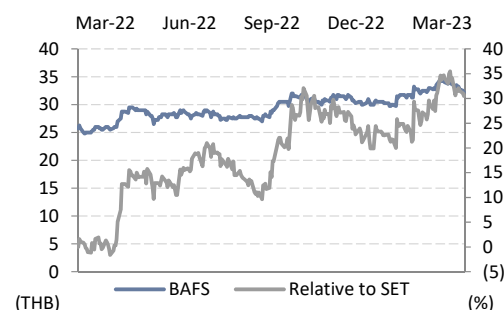
We reiterate our positive view on BAFS' net profit growth outlook and expect much stronger growth momentum in 2023-24, driven by 1) the recovery in jet fuel demand for both domestic and international flights; 2) earnings from its solar farms; and 3) rising oil sales volumes for its two oil pipeline networks. Given the economic recovery, we expect to see aviation refuelling demand exceed the pre-Covid level and hit 13-15mlpd.

Maintain BUY and our SoTP-based TP of THB37

We maintain BUY and our SoTP-based TP of THB37. We believe that BAFS' net profit is likely to turn around amid stronger growth momentum in 2023-24, especially now that the oil sales volume for its aviation refuelling business has surpassed the breakeven point of 10.3mlpd in 4Q22.

KEY STOCK DATA

YE Dec (THB m)	2022	2023E	2024E	2025E
Revenue	2,194	3,355	3,762	3,883
Net profit	(281)	398	775	847
EPS (THB)	(0.44)	0.62	1.22	1.33
vs Consensus (%)	-	nm	67.6	(17.7)
EBITDA	834	1,713	2,197	2,329
Core net profit	(281)	398	775	847
Core EPS (THB)	(0.44)	0.62	1.22	1.33
Chg. In EPS est. (%)	nm	(2.7)	(1.9)	nm
EPS growth (%)	nm	nm	94.7	9.3
Core P/E (x)	(73.1)	51.7	26.5	24.3
Dividend yield (%)	-	0.8	1.5	1.6
EV/EBITDA (x)	41.6	20.1	15.3	14.0
Price/book (x)	4.5	4.0	3.5	3.1
Net debt/Equity (%)	213.9	196.5	167.3	142.4
ROE (%)	(6.0)	8.3	14.2	13.6



Share price performance	1 Month	3 Month	12 Month
Absolute (%)	(2.3)	4.0	25.2
Relative to country (%)	0.7	4.9	30.1
Mkt cap (USD m)	582		
3m avg. daily turnover (USD m)	0.8		
Free float (%)	45		
Major shareholder	RATCH Group PCL (16%)		
12m high/low (THB)	34.75/24.10		
Issued shares (m)	637.50		

Sources: Bloomberg consensus; FSSIA estimates



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Exhibit 1: Summary of 4Q22/2022 operations

	4Q21	3Q22	4Q22			2021	2022	Change
	(THB m)	(THB m)	(THB m)	(q-q%)	(y-y%)	(THB m)	(THB m)	(y-y%)
Revenue	467	568	727	28.1	55.6	1,617	2,194	35.7
Operating costs	(350)	(294)	(411)	39.7	17.4	(1,293)	(1,360)	5.2
EBITDA	117	273	316	15.5	169.6	324	834	157.1
<i>EBITDA margin (%)</i>	<i>25.0</i>	<i>48</i>	<i>43.4</i>	<i>nm</i>	<i>nm</i>	<i>20.1</i>	<i>38</i>	<i>nm</i>
Depn & amort.	(291)	(229)	(228)	(0.4)	(21.8)	(972)	(904)	(7.1)
EBIT	(174)	44	88	97.5	nm	(648)	(69)	(89.3)
Interest expense	(121)	(135)	(141)	4.4	17.0	(425)	(545)	28.1
Interest & invt inc	4	19	21	nm	nm	0	0	nm
Other income	18	16	(36)	nm	nm	62	216	250.0
Associates' contrib	(2)	(2)	(1)	nm	nm	(9)	(4)	nm
Exceptionals	0	0	0	nm	nm	0	0	nm
Pretax profit	(276)	(59)	(70)	18.8	(74.6)	(1,020)	(402)	(60.6)
Tax	2	(10)	(12)	15.4	(766.2)	136	2	(98.9)
<i>Tax rate (%)</i>	<i>1</i>	<i>(17)</i>	<i>(16)</i>	<i>nm</i>	<i>nm</i>	<i>13</i>	<i>0</i>	<i>nm</i>
Minority interests	0	26	41	nm	nm	99	119	20.1
Net profit	(274)	(43)	(41)	(5.3)	(85.0)	(785)	(281)	(64.1)
Core net profit	(274)	(43)	(41)	(5.3)	(85.0)	(785)	(281)	(64.1)
EPS (THB)	(0.43)	(0.07)	(0.06)	(5.3)	(85.0)	(1.23)	(0.44)	(64.1)
Core EPS (THB)	(0.43)	(0.07)	(0.06)	(5.3)	(85.0)	(1.23)	(0.44)	(64.1)

Sources: BAFS; FSSIA estimates

Exhibit 2: 4Q22/2022 key performance

	4Q21	3Q22	4Q22	(q-q%)	(y-y%)	2021	2022	(y-y%)
Aviation refuelling service business								
Aviation fuel volume (m litres)	490	793	980	23.5	99.9	1,638	2,990	82.5
- Suvarnabhumi Airport	436	708	827	16.8	89.9	1,452	2,607	79.5
- Don Mueang Airport	55	85	153	79.6	178.6	186	383	105.7
Flights (flights)	26,788	45,824	55,798	21.8	108.3	83,123	172,394	107.4
Fuel pipeline transportation business								
Multi-product fuel volume of NFPT project (m litres)	171	112	22	(80.4)	(87.1)	410	330	(19.5)

Source: BAFS

Exhibit 3: 4Q22/2022 key performance breakdown

	4Q21	3Q22	4Q22	(q-q%)	(y-y%)	2021	2022	(y-y%)
Revenue breakdown by segment								
Aviation	254	416	517	24.3	103.5	837	1,572	87.8
Utilities and power	214	151	209	38.4	(2.3)	780	621	(20.4)
Business solution	0	1	0	nm	nm	0	1	nm
Total revenue	468	568	726	27.8	55.1	1,617	2,194	35.7
Profit/(loss) breakdown by segment								
Aviation	(36)	73	101	38.4	nm	(404)	158	nm
Utilities and power	(167)	(21)	9	nm	nm	(239)	(169)	(29.3)
Business solution	31	(9)	(22)	144.4	nm	(5)	(59)	1,080.0
Total profit/(loss)	(172)	43	88	104.7	nm	(648)	(70)	(89.2)

Source: BAFS

Financial Statements

Bangkok Aviation Fuel Services

Profit and Loss (THB m) Year Ending Dec	2021	2022	2023E	2024E	2025E
Revenue	1,617	2,194	3,355	3,762	3,883
Cost of goods sold	(543)	(611)	(954)	(813)	(778)
Gross profit	1,075	1,583	2,401	2,949	3,105
Other operating income	-	-	-	-	-
Operating costs	(750)	(749)	(688)	(752)	(777)
Operating EBITDA	324	834	1,713	2,197	2,329
Depreciation	(972)	(904)	(928)	(863)	(923)
Goodwill amortisation	0	0	0	0	0
Operating EBIT	(648)	(69)	785	1,333	1,406
Net financing costs	(425)	(545)	(565)	(736)	(736)
Associates	(9)	(4)	0	0	0
Recurring non-operating income	52	212	80	80	80
Non-recurring items	0	0	0	0	0
Profit before tax	(1,020)	(402)	299	677	750
Tax	136	2	(1)	(3)	(3)
Profit after tax	(884)	(401)	298	675	747
Minority interests	99	119	100	100	100
Preferred dividends	0	0	0	0	0
Other items	-	-	-	-	-
Reported net profit	(785)	(281)	398	775	847
Non-recurring items & goodwill (net)	0	0	0	0	0
Recurring net profit	(785)	(281)	398	775	847
Per share (THB)					
Recurring EPS *	(1.23)	(0.44)	0.62	1.22	1.33
Reported EPS	(1.23)	(0.44)	0.62	1.22	1.33
DPS	0.00	0.00	0.25	0.49	0.53
Diluted shares (used to calculate per share data)	637	637	637	637	637
Growth					
Revenue (%)	(10.4)	35.7	52.9	12.1	3.2
Operating EBITDA (%)	(32.5)	157.1	105.3	28.2	6.0
Operating EBIT (%)	nm	nm	nm	70.0	5.4
Recurring EPS (%)	nm	nm	nm	94.7	9.3
Reported EPS (%)	nm	nm	nm	94.7	9.3
Operating performance					
Gross margin inc. depreciation (%)	6.3	31.0	43.9	55.4	56.2
Gross margin of key business (%)	-	-	-	-	-
Operating EBITDA margin (%)	20.1	38.0	51.1	58.4	60.0
Operating EBIT margin (%)	(40.0)	(3.2)	23.4	35.4	36.2
Net margin (%)	(48.5)	(12.8)	11.9	20.6	21.8
Effective tax rate (%)	13.5	0.4	0.4	0.4	0.4
Dividend payout on recurring profit (%)	-	-	40.0	40.0	40.0
Interest cover (X)	(1.4)	0.3	1.5	1.9	2.0
Inventory days	31.3	27.1	13.3	12.0	11.7
Debtor days	44.1	50.4	52.4	69.0	90.1
Creditor days	142.0	158.0	116.5	141.3	133.4
Operating ROIC (%)	(3.1)	(0.3)	3.6	6.0	6.4
ROIC (%)	(2.3)	0.5	3.0	4.9	5.2
ROE (%)	(15.2)	(6.0)	8.3	14.2	13.6
ROA (%)	(2.5)	0.1	3.0	4.8	5.0
* Pre-exceptional, pre-goodwill and fully diluted					
Revenue by Division (THB m)					
Aviation refuelling	1,255	1,492	2,626	2,950	2,951
Fuel transportation (FPT)	56	161	194	279	334
Solar powerplants	307	541	535	533	598

Sources: Bangkok Aviation Fuel Services; FSSIA estimates

Financial Statements

Bangkok Aviation Fuel Services

Cash Flow (THB m) Year Ending Dec	2021	2022	2023E	2024E	2025E
Recurring net profit	(785)	(281)	398	775	847
Depreciation	972	904	928	863	923
Associates & minorities	(4)	0	0	0	0
Other non-cash items	-	-	-	-	-
Change in working capital	(1,477)	869	(831)	(533)	(335)
Cash flow from operations	(1,293)	1,491	496	1,105	1,435
Capex - maintenance	(559)	(599)	(573)	(523)	(473)
Capex - new investment	-	-	-	-	-
Net acquisitions & disposals	(269)	(186)	139	270	150
Other investments (net)	0	0	0	0	0
Cash flow from investing	(828)	(785)	(434)	(253)	(323)
Dividends paid	0	0	(60)	(216)	(321)
Equity finance	0	0	0	0	0
Debt finance	4,019	(586)	1,385	0	1
Other financing cash flows	(2,140)	(160)	172	124	73
Cash flow from financing	1,879	(746)	1,497	(92)	(247)
Non-recurring cash flows	-	-	-	-	-
Other adjustments	0	0	0	0	0
Net other adjustments	0	0	0	0	0
Movement in cash	(242)	(40)	1,560	759	865
Free cash flow to firm (FCFF)	(1,695.83)	1,251.16	627.61	1,587.49	1,847.91
Free cash flow to equity (FCFE)	(242.13)	(39.72)	1,619.23	975.00	1,185.85

Per share (THB)

FCFF per share	(2.66)	1.96	0.98	2.49	2.90
FCFE per share	(0.38)	(0.06)	2.54	1.53	1.86
Recurring cash flow per share	0.29	0.98	2.08	2.57	2.78

Balance Sheet (THB m) Year Ending Dec	2021	2022	2023E	2024E	2025E
Tangible fixed assets (gross)	24,523	24,751	24,843	24,936	25,029
Less: Accumulated depreciation	(8,096)	(8,738)	(9,398)	(10,123)	(10,788)
Tangible fixed assets (net)	16,427	16,014	15,446	14,813	14,241
Intangible fixed assets (net)	1,589	763	763	763	763
Long-term financial assets	-	-	-	-	-
Invest. in associates & subsidiaries	402	587	587	587	587
Cash & equivalents	562	523	2,082	2,841	3,707
A/C receivable	232	374	590	833	1,083
Inventories	50	41	29	24	26
Other current assets	2,627	1,558	2,382	2,671	2,757
Current assets	3,471	2,495	5,083	6,369	7,572
Other assets	2,759	3,866	3,866	3,866	3,866
Total assets	24,647	23,724	25,745	26,398	27,029
Common equity	4,806	4,550	5,088	5,847	6,574
Minorities etc.	1,569	1,402	1,302	1,202	1,102
Total shareholders' equity	6,376	5,951	6,390	7,049	7,676
Long term debt	12,496	11,615	13,000	13,000	13,001
Other long-term liabilities	3,857	4,012	4,012	4,012	4,012
Long-term liabilities	16,353	15,627	17,012	17,012	17,013
A/C payable	260	269	340	289	279
Short term debt	1,341	1,636	1,636	1,636	1,636
Other current liabilities	318	241	368	413	426
Current liabilities	1,919	2,146	2,344	2,338	2,341
Total liabilities and shareholders' equity	24,648	23,724	25,745	26,399	27,029
Net working capital	2,331	1,462	2,293	2,826	3,160
Invested capital	23,507	22,692	22,954	22,854	22,617

* Includes convertibles and preferred stock which is being treated as debt

Per share (THB)

Book value per share	7.54	7.14	7.98	9.17	10.31
Tangible book value per share	5.05	5.94	6.78	7.97	9.12

Financial strength

Net debt/equity (%)	208.2	213.9	196.5	167.3	142.4
Net debt/total assets (%)	53.9	53.7	48.8	44.7	40.4
Current ratio (x)	1.8	1.2	2.2	2.7	3.2
CF interest cover (x)	0.4	0.9	3.9	2.3	2.6

Valuation	2021	2022	2023E	2024E	2025E
Recurring P/E (x) *	(26.2)	(73.1)	51.7	26.5	24.3
Recurring P/E @ target price (x) *	(30.1)	(83.8)	59.3	30.4	27.9
Reported P/E (x)	(26.2)	(73.1)	51.7	26.5	24.3
Dividend yield (%)	-	-	0.8	1.5	1.6
Price/book (x)	4.3	4.5	4.0	3.5	3.1
Price/tangible book (x)	6.4	5.4	4.8	4.0	3.5
EV/EBITDA (x) **	109.1	41.6	20.1	15.3	14.0
EV/EBITDA @ target price (x) **	118.4	45.2	21.9	16.7	15.3
EV/invested capital (x)	1.5	1.5	1.5	1.5	1.4

* Pre-exceptional, pre-goodwill and fully diluted ** EBITDA includes associate income and recurring non-operating income

Sources: Bangkok Aviation Fuel Services; FSSIA estimates

Corporate Governance report of Thai listed companies 2021

EXCELLENT LEVEL – Score range 90-100										
AAV	BCPG	CPALL	GCAP	K	MSC	PLANET	SAMART	SPI	THRE	TVD
ADVANC	BDMS	CPF	GFPT	KBANK	MST	PLAT	SAMTEL	SPRC	THREL	TVI
AF	BEM	CPI	GGC	KCE	MTC	PORT	SAT	SPVI	TIPCO	TVO
AH	BGC	CPN	GLAND	KKP	MVP	PPS	SC	SSSC	TISCO	TWPC
AIRA	BGRIM	CRC	GLOBAL	KSL	NCL	PR9	SCB	SST	TK	U
AKP	BIZ	CSS	GPI	KTG	NEP	PREB	SCC	STA	TKT	UAC
AKR	BKI	DDD	GPSC	KTC	NER	PRG	SCCC	STEC	TMT	UBIS
ALT	BOL	DELTA	GRAMMY	LALIN	NKI	PRM	SCG	STI	TNDT	UV
AMA	BPP	DEMCO	GULF	LANNA	NOBLE	PROUD	SCGP	SUN	TNITY	VGI
AMATA	BRR	DRT	GUNKUL	LH	NSI	PSH	SCM	SUSCO	TOA	VIH
AMATAV	BTS	DTAC	HANA	LHFG	NVD	PSL	SDC	SUTHA	TOP	WACOAL
ANAN	BTW	DUSIT	HARN	LIT	NWR	PTG	SEAFECO	SVI	TPBI	WAVE
AOT	BWG	EA	HMPRO	LPN	NYT	PTT	SEAOL	SYMC	TQM	WHA
AP	CENTEL	EASTW	ICC	MACO	OISHI	PTTEP	SE-ED	SYNTEC	TRC	WHAUP
ARIP	CFRESH	ECF	ICHI	MAJOR	OR	PTTGC	SELIC	TACC	TRU	WICE
ARROW	CHEWA	ECL	III	MAKRO	ORI	PYLON	SENA	TASCO	TRUE	WINNER
ASP	CHO	EE	ILINK	MALEE	OSP	Q-CON	SHR	TCAP	TSC	ZEN
AUCT	CIMBT	EGCO	ILM	MBK	OTO	QH	SIRI	TEAMG	TSR	
AWC	CK	EPG	INTUCH	MC	PAP	QTC	SIS	TFMAMA	TSTE	
AYUD	CKP	ETC	IP	MCOT	PCSGH	RATCH	SITHAI	TGH	TSTH	
BAFS	CM	FPI	IRPC	METCO	PDG	RS	SMK	THANA	TTA	
BANPU	CNT	FPT	ITEL	MFEC	PDJ	S	SMPC	THANI	TTB	
BAY	COM7	FSMART	IVL	MINT	PG	S & J	SNC	THCOM	TTCL	
BBL	COMAN	GBX	JSP	MONO	PHOL	SAAM	SONIC	THG	TTW	
BCP	COTTO	GC	JWD	MOONG	PLANB	SABINA	SPALI	THIP	TU	
VERY GOOD LEVEL – Score range 80-89										
2S	ASIMAR	CHOW	FLOYD	IT	LOXLEY	OCC	RPC	SKY	TCC	TVT
7UP	ASK	CI	FN	ITD	LRH	OGC	RT	SLP	TCMC	TWP
ABICO	ASN	CIG	FNS	J	LST	PATO	RWI	SMIT	TEAM	UEC
ABM	ATP30	CMC	FORTH	JAS	M	PB	S11	SMT	TFG	UMI
ACE	B	COLOR	FSS	JCK	MATCH	PICO	SA	SNP	TFI	UOBKH
ACG	BA	CPL	FTE	JCKH	MBAX	PIMO	SAK	SO	TIGER	UP
ADB	BAM	CPW	FVC	JMART	MEGA	PJW	SALEE	SORKON	TITLE	UPF
AEONTS	BC	CRD	GEL	JMT	META	PL	SAMCO	SPA	TKN	UPOIC
AGE	BCH	CSC	GENCO	KBS	MFC	PM	SANKO	SPC	TKS	UTP
AHC	BEC	CSP	GJS	KCAR	MGT	PMTA	SAPPE	SPCG	TM	VCOM
AIT	BEYOND	CWT	GYT	KEX	MICRO	PPP	SAWAD	SR	TMC	VL
ALL	BFIT	DCC	HEMP	KGI	MILL	PPPM	SCI	SRICHA	TMD	VPO
ALLA	BJC	DCON	HPT	KIAT	MITSIB	PRIME	SCN	SSC	TMI	VRANDA
ALUCON	BJCHI	DHOUSE	HTC	KISS	MK	PRIN	SCP	SSF	TMILL	WGE
AMANAH	BLA	DOD	HYDRO	KOOL	MODERN	PRINC	SE	STANLY	TNL	WIJK
AMARIN	BR	DOHOME	ICN	KTIS	MTI	PSG	SFLEX	STGT	TNP	WP
APCO	BROOK	DV8	IFS	KUMWEL	NBC	PSTC	SFP	STOWER	TOG	XO
APCS	CBG	EASON	IMH	KUN	NCAP	PT	SFT	STPI	TPA	XPG
APURE	CEN	EFORL	IND	KWC	NCH	QLT	SGF	SUC	TPAC	YUASA
AQUA	CGH	ERW	INET	KWM	NETBAY	RBF	SIAM	SWC	TPCS	
ASAP	CHARAN	ESSO	INSET	L&E	NEX	RCL	SINGER	SYNEX	TPS	
ASEFA	CHAYO	ESTAR	INSURE	LDC	NINE	RICHY	SKE	TAE	TRITN	
ASIA	CHG	ETE	IRC	LEO	NRF	RML	SKN	TAKUNI	TRT	
ASIAN	CHOTI	FE	IRCP	LHK	NTV	ROJNA	SKR	TBSP	TSE	
GOOD LEVEL – Score range 70-79										
A	BGT	CITY	GIFT	JTS	MDX	PK	SGP	SUPER	TQR	YGG
AI	BH	CMAN	GLOCON	JUBILE	MJD	PLE	SICT	SVOA	TTI	ZIGA
AIE	BIG	CMO	GREEN	KASET	MORE	PPM	SIMAT	TC	TYCN	
AJ	BLAND	CMR	GSC	KCM	MUD	PRAKIT	SISB	TCCC	UKEM	
ALPHAX	BM	CPT	GTB	KK	NC	PRAPAT	SK	THMUI	UMS	
AMC	BROCK	CRANE	HTECH	KKC	NDR	PRECHA	SMART	TNH	UNIQ	
APP	BSBM	CSR	HUMAN	KWI	NFC	PTL	SOLAR	TNR	UPA	
AQ	BSM	D	IHL	KYE	NNCL	RJH	SPACK	TOPP	UREKA	
ARIN	BTNC	EKH	IIG	LEE	NOVA	RP	SPG	TPCH	VIBHA	
AS	BYD	EMC	INGRS	LPH	NPK	RPH	SQ	TIPL	W	
AU	CAZ	EP	INOX	MATI	NUSA	RSP	SSP	TIPIP	WIN	
B52	CCP	F&D	JAK	M-CHAI	PAF	SABUY	STARK	TPLAS	WORK	
BEAUTY	CGD	FMT	JR	MCS	PF	SF	STC	TPOLY	WPH	

Disclaimer:

The disclosure of the survey results 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 evaluation 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 results may be changed after that date. FSS International Investment Advisory Company Limited does not confirm nor certify the accuracy of such survey results.

* CGR scoring should be considered with news regarding wrong doing of the company or director or executive of the company such unfair practice on securities trading, fraud, and corruption SEC imposed a civil sanction against insider trading of director and executive

Sources: Thai Institute of Directors Association (IOD); FSSIA's compilation; data as of 26 October 2021

Anti-corruption Progress Indicator

CERTIFIED										
2S	BCH	CPALL	GC	K	MFC	PE	QLT	SNP	THCOM	TU
7UP	BCP	CPF	GCAP	KASET	MFEC	PG	QTC	SORKON	THIP	TVD
ADVANC	BCPG	CPI	GEL	KBANK	MILL	PHOL	RATCH	SPACK	THRE	TVI
AF	BE8	CPN	GFPT	KBS	MINT	PK	RML	SPALI	THREL	TVO
AI	BEYOND	CSC	GGC	KCAR	MONO	PL	RWI	SPC	TIDLOR	TWPC
AIE	BGC	DCC	GJS	KCE	MOONG	PLANB	S & J	SPI	TIPCO	U
AIRA	BGRIM	DELTA	GPI	KGI	MSC	PLANET	SAAM	SPRC	TISCO	UBE
AKP	BJCHI	DEMCO	GPSC	KKP	MST	PLAT	SABINA	SRICHA	TKS	UBIS
ALPHAX	BKI	DIMET	GSTEEL	KSL	MTC	PM	SAPPE	SSF	TKT	UEC
AMA	BLA	DRT	GUNKUL	KTB	MTI	PPP	SAT	SSP	TMD	UKEM
AMANAH	BPP	DTAC	HANA	KTC	NBC	PPPM	SC	SSSC	TMILL	UOBKH
AMATA	BROOK	DUSIT	HARN	KWC	NEP	PPS	SCB	SST	TMT	UPF
AMATAV	BRR	EA	HEMP	KWI	NINE	PR9	SCC	STA	TNITY	UV
AP	BSBM	EASTW	HENG	L&E	NKI	PREB	SCCC	STOWER	TNL	VGI
APCS	BTS	ECL	HMPRO	LANNA	NMG	PRG	SCG	SUSCO	TNP	VIH
AQUA	BWG	EGCO	HTC	LH	NNCL	PRINC	SCN	SVI	TNR	WACOAL
ARROW	CEN	EP	ICC	LHFG	NOBLE	PRM	SEAOL	SYMC	TOG	WHA
AS	CENTEL	EPG	ICHI	LHK	NOK	PROS	SE-ED	SYNTEC	TOP	WHAUP
ASIAN	CFRESH	ERW	IFEC	LPN	NSI	PSH	SELIC	TAE	TOPP	WICE
ASK	CGH	ESTAR	IFS	LRH	NWR	PSL	SENA	TAKUNI	TPA	WIIK
ASP	CHEWA	ETE	ILINK	M	OCC	PSTC	SGP	TASCO	TPP	XO
AWC	CHOTI	FE	INET	MAKRO	OGC	PT	SINGER	TBSP	TRU	ZEN
AYUD	CHOW	FNS	INSURE	MALEE	ORI	PTG	SIRI	TCAP	TRUE	
B	CIG	FPI	INTUCH	MATCH	PAP	PTT	SITHAI	TCMC	TSC	
BAFS	CIMBT	FPT	IRC	MBAX	PATO	PTTEP	SKR	TFG	TSTE	
BAM	CM	FSMART	IRPC	MBK	PB	PTTGC	SMIT	TFI	TSTH	
BANPU	CMC	FSS	ITEL	MC	PCSGH	PYLON	SMK	TFMAMA	TTA	
BAY	COM7	FTE	IVL	MCOT	PDG	Q-CON	SMPC	TGH	TTB	
BBL	COTTO	GBX	JKN	META	PDJ	QH	SNC	THANI	TTCL	
DECLARED										
AJ	CHG	DDD	ETC	JR	MAJOR	NUSA	RS	SSS	TQM	YUASA
ALT	CPL	DHOUSE	FLOYD	JTS	NCAP	NYT	SAK	STECH	TSI	ZIGA
APCO	CPR	DOHOME	GULF	KEX	NCL	OR	SCGP	STGT	VARO	
B52	CPW	ECF	III	KUMWEL	NOVA	PIMO	SCM	TKN	VCOM	
BEC	CRC	EKH	INOX	LDC	NRF	PLE	SIS	TMI	VIBHA	

Level

Certified	This level indicates practical participation with thoroughly examination in relation to the recommended procedures from the audit committee or the SEC's certified auditor, being a certified member of Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) or already passed examination to ensure independence from external parties.
Declared	This level indicates determination to participate in the Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC)

Disclaimer:

The disclosure of the Anti-Corruption Progress Indicators of a listed company on the Stock Exchange of Thailand, which is assessed by Thaipat Institute, is made in order to comply with the policy and sustainable development plan for the listed companies of the Office of the Securities and Exchange Commission. Thaipat Institute 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 Thaipat Institute that is 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, FSS International Investment Advisory Company Limited does not confirm, verify, or certify the accuracy and completeness of the assessment results.

Note: Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of 26 October 2021) are categorised into: 1) companies that have declared their intention to join CAC, and; 2) companies certified by CAC.

Sources: The Securities and Exchange Commission, Thailand; * FSSIA's compilation

GENERAL DISCLAIMER

ANALYST(S) CERTIFICATION

Siriluck Pinthusoonthorn FSS International Investment Advisory Securities Co., Ltd

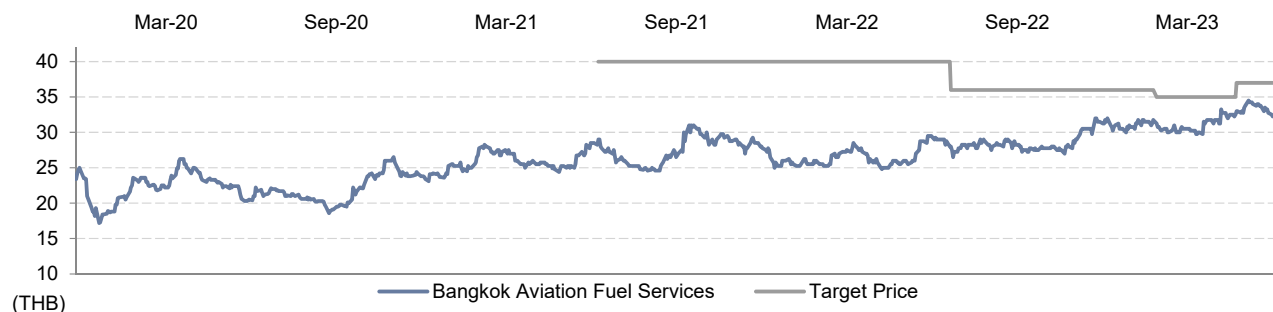
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History of change in investment rating and/or target price

Bangkok Aviation Fuel Services (BAFS TB)



Date	Rating	Target price	Date	Rating	Target price	Date	Rating	Target price
21-Jun-2021	BUY	40.00	11-Nov-2022	BUY	35.00	-	-	-
09-May-2022	BUY	36.00	25-Jan-2023	BUY	37.00			

Siriluck Pinthusoonthorn started covering this stock from 11-Nov-2022

Price and TP are in local currency

Source: FSSIA estimates

Company	Ticker	Price	Rating	Valuation & Risks
Bangkok Aviation Fuel Services	BAFS TB	THB 32.25	BUY	Downside risks to our SoTP-based target price include a slower-than-expected vaccination rate, leading to a slower tourism recovery, and uncertainty in fuel volume demand in the north which could lead to volatility in income of Fuel Pipeline Transportation Limited (FPT).

Source: FSSIA estimates

Additional Disclosures

Target price history, stock price charts, valuation and risk details, and equity rating histories applicable to each company rated in this report is available in our most recently published reports. You can contact the analyst named on the front of this note or your representative at Finansia Syrus Securities Public Company Limited

FSSIA may incorporate the recommendations and target prices of companies currently covered by FSS Research into equity research reports, denoted by an 'FSS' before the recommendation. FSS Research is part of Finansia Syrus Securities Public Company Limited, which is the parent company of FSSIA.

All share prices are as at market close on 28-Feb-2023 unless otherwise stated.

RECOMMENDATION STRUCTURE

Stock ratings

Stock ratings are based on absolute upside or downside, which we define as $(\text{target price}^* - \text{current price}) / \text{current price}$.

BUY (B). The upside is 10% or more.

HOLD (H). The upside or downside is less than 10%.

REDUCE (R). The downside is 10% or more.

Unless otherwise specified, these recommendations are set with a 12-month horizon. Thus, it is possible that future price volatility may cause a temporary mismatch between upside/downside for a stock based on market price and the formal recommendation.

* In most cases, the target price will equal the analyst's assessment of the current fair value of the stock. However, if the analyst doesn't think the market will reassess the stock over the specified time horizon due to a lack of events or catalysts, then the target price may differ from fair value. In most cases, therefore, our recommendation is an assessment of the mismatch between current market price and our assessment of current fair value.

Industry Recommendations

Overweight. The analyst expects the fundamental conditions of the sector to be positive over the next 12 months.

Neutral. The analyst expects the fundamental conditions of the sector to be maintained over the next 12 months.

Underweight. The analyst expects the fundamental conditions of the sector to be negative over the next 12 months.

Country (Strategy) Recommendations

Overweight (O). Over the next 12 months, the analyst expects the market to score positively on two or more of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.

Neutral (N). Over the next 12 months, the analyst expects the market to score positively on one of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.

Underweight (U). Over the next 12 months, the analyst does not expect the market to score positively on any of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.