### **3 FEBRUARY 2022**



# SPOTLIGHT ON THAILAND

### **Published Reports**

- BANPU POWER (BPP TB) A victim of coal price hike in China; Maintain BUY TP THB20.00
- AAPICO HITECH (AH TB) Portugal becoming an overhang; Downgrade to HOLD TP THB28.00

### News Comments/Key takeaways

- BBL (HOLD; TP THB134) Neutral view on BBL 2022's financial guidance
- WHA (WHA TB, BUY, TP THB4.4) Key takeaways for 2022 business outlook

### **Economics**

- COVID-19 cases as of 2 Feb globally reaches 384,900,836 with new 2,860,689 cases and 10,446 new deaths. There are 74,358,975 currently infected patients, with 91,922 (0.1%) cases in serious condition.
- Test & Go gets off to good start, 23k-plus travellers register on first day
- Phuket ups tests on foreign visitors
- Economy expected to make headway in H1, Ministry upbeat on tourism prospects
- EC orders provincial office, Move sparks speculation of early general election
- EC draws up 400 seats for next poll
- Inflation forecast 1.5-2.5% in 2022

### **Corporate News**

- DE Fund allots B2.5bn for digital development
- Fuel demand hit by last year's outbreaks
- Push for bubbles amid tourism drive, Talks continue after revival of Test & Go
- Rice forecast up almost 15%
- Southeast Life eager to promote stability, Capital adequacy ratio stands at 236%
- Border trade projected to increase 7%
- WHA sees years of robust growth ahead
- Digital strategy key to banking growth
- OPEC+ backs another modest oil output hike despite surging prices
- UAE reports new drone attack as US to send warship, jets

	FHFGOIVIF	7,459	1.5	4.7	(20)
's	SG FSSTI	Closed	0.1	4.0	
	Taiwan TWSE	Closed	(0.2)	(3.0)	(3,606)
or 2022	VN VNINDEX	Closed	0.6	(1.3)	(128)
	MSCI Emerging	1,213	(0.1)	(1.5)	
	Nikkei 225	27,534	1.7	(4.4)	
	FTSE 100	7,583	0.6	2.7	
	CAC 40	7,115	0.2	(0.5)	
	DAX	15,614	(0.0)	(1.7)	
0,836	Dow Jones	35,629	0.6	(2.0)	
ere are	Nasdaq	14,418	0.5	(7.8)	
1%)	S&P 500	4,589	0.9	(3.7)	
,	Brent	89.47	0.3	15.0	
gister on	Dubai	Closed	0.9	14.5	
giotor on	WTI	88.26	(0.5)	16.8	
	GOLD	1,806.80	0.1	(1.2)	
	Trade data	Buy	Sell	Net	Share (%)
ipbeat on	(THB m)	(THB m)	(THB m)	(THB m)	(THB m)
	Foreign	23,406	24,601	(1,194)	39
of early	Retail	25,457	25,585	(127)	42
, <b>,</b>	Prop Trade	6,367	6,346	21	10
	Local Institution	6,097	4,796	1,301	9
	Total Trade	61,327	61,327	0	100
	Rates	Last close	1M ago	End last yr	1yr ago
		2/2/2022	1/3/2022	12/31/2021	2/2/2021
	THB/USD	33.20	33.41	33.41	29.99
	Inflation *	2.17	2.71	(0.27)	(0.27)
	MLR **	5.31	5.31	5.31	5.31
	1Y Fixed *	0.43	0.43	0.43	0.49
<b>6</b> 4	Govt bond 10Y	2.10	1.89	1.89	1.36
fter	Commodity	Last close	1M ago	End last yr	1yr ago
		0/0/0000	12/31/2021	12/31/2021	1/29/2021
	(USD/bbl)	2/2/2022	12/31/2021	12/31/2021	1/20/2021
	(USD/bbl) Brent	2/2/2022 89.47	77.78	77.78	57.46
luacv					
quacy	Brent	89.47	77.78	77.78	57.46
luacy	Brent Dubai	89.47 87.53	77.78 76.48	77.78 76.48	57.46 54.28
quacy	Brent Dubai WTI	89.47 87.53 88.26	77.78 76.48 76.08	77.78 76.48 75.21	57.46 54.28 55.69
luacy	Brent Dubai WTI Gold	89.47 87.53 88.26 1,807	77.78 76.48 76.08 1,801	77.78 76.48 75.21 1,829	57.46 54.28 55.69 1,834
quacy	Brent Dubai WTI Gold Baltic Dry	89.47 87.53 88.26 1,807 1,440	77.78 76.48 76.08 1,801 2,217	77.78 76.48 75.21 1,829 2,217	57.46 54.28 55.69 1,834 1,380

Index

as of

1 668

Closed

Closed

59.558

6.708

Closed

Closed

7,459

2-Feb-22

Change

-1D

(%)

04

(1.0)

1.1

1.2

1.2

1.9

(0.5)

1.3

Change

YTD

(%)

0.6

(7.6)

1.7

2.2

1.9

(10.6)

(3.5)

4.7

Net Foreign

(USD m)

YTD

435

(4,830)

(3,275)

448

(20)

 $^{\star}$  chg y-y% last at end of most recent month end;  $^{\prime\star\star}$  Avg of 4 major banks;

Sources: Bloomberg, except coal from BANPU

Indices

Thailand SET

China SHCOMP

Hona Kona HSI

India SENSEX

Indonesia JCI

Korea KOSPI

MY FBMKLCI

PH PCOMP

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### **Published Reports**

### BANPU POWER (BPP TB) - A victim of coal price hike in China; Maintain BUY TP THB20.00

### Strong net profits in 2022-23 should follow a poor 2021

While we turn less bullish on BPP's net profit in 2021 due to the longer-than-expected planned shutdown and the margins of its coal-fired power plants in China being squeezed as a result of the spike in the coal price, we expect its earnings to rebound in 2022-23. Key potential catalysts would be the improving margins of coal-fired power plants in China after the government allows the electricity tariff to increase, earnings growth from acquired projects, and an improving equivalent availability factor (EAF) for the Hongsa coal-fired power plant in Laos after the heavy maintenance shutdown scheduled in 1H21.

#### Transformation underway

We project that BPP's earnings will gradually see lower contributions from coal due to the company's move toward renewable, high-efficiency, low emissions power plants. BPP has grown its asset portfolio via the acquisition of multiple assets overseas and new organic projects, adding a total equity capacity of 1.83GW from 2019-22 via its JV, Banpu NEXT (not listed), owned 50-50 by BPP and BANPU.

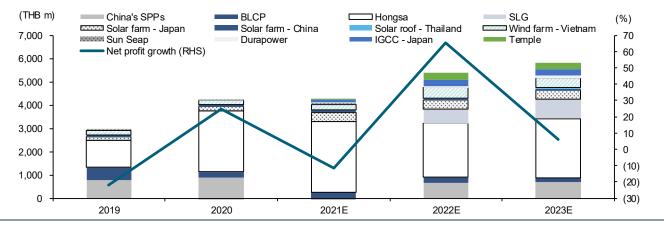
#### Expect a weak 4Q21 net profit

We expect BPP to post a 4Q21 net profit of THB527m, down 12% q-q but up from a net loss of THB369m in 4Q20. We project its core net profit to rise to THB874m in 4Q21, up 138% q-q and 199% y-y. Our key expectations are 1) improving operations for Hongsa power plant with a 90% EAF to contribute equity income of THB0.9b to BPP; 2) equity income of THB0.1b from BLCP; 3) net losses of THB0.4b combined from the three SPPs in China and SLG as a result of the mismatch between the coal cost hike and the increase in the electricity tariff; 4) Nakoso IGCC power plants should generate THB0.1b in 4Q21, while we expect the Temple I coal-fired power plant, acquired in Dec-21, to earn THB30m.

#### Maintain BUY; TP lowered to THB20

We maintain BUY but lower our SOTP-based TP from THB23 to THB20 to reflect the cuts in our EPS forecasts. We cut our EPS forecasts for 2021-23 by 8-39% to reflect our higher oil price and lower utilisation rate assumptions, as we think the impact of the high coal price and the margin mismatch will continue into 2022-23.

#### Exhibit 1: Net profit breakdown by project



#### Sources: BPP; FSSIA estimates

#### Exhibit 2: 4Q21E results preview

	4Q20	3Q21		4Q21E	
	(THB m)	(THB m)	(THB m)	(q-q%)	(y-y%)
Revenue	1,673	1,048	3,189	204.4	90.6
Operating costs	(1,959)	(1,077)	(733)	(31.9)	(62.6)
EBITDA	(286)	(29)	729	nm	nm
EBITDA margin (%)	(17.1)	(2.8)	22.9	nm	nm
Depn & amort.	(161)	(124)	(1,039)	737.8	543.8
EBIT	(447)	(153)	(310)	103.0	(30.6)
Interest expense	(83)	(44)	(106)	142.1	27.1
Interest & invt inc	89	95	(241)	(352.9)	nm
Other income	151	(1)	545	(78,947.9)	261.8
Associates' contrib	59	460	991	115.3	1,584.6
Exceptionals	(26)	250	(403)	(261.3)	1,446.6
Pretax profit	(258)	608	475	(22.0)	nm
Тах	(91)	(8)	98	nm	nm
Tax rate (%)	(35.1)	1.3	(20.6)	nm	nm
Minority interests	(20)	(4)	(45)	992.4	126.1
Net profit	(369)	596	527	(11.6)	nm
Non-recurring	(661)	229	(346)	(251.4)	(47.6)
Core net profit	292	368	874	137.5	198.8
EPS (THB)	(0.12)	0.20	0.17	(12.5)	nm
Core EPS (THB)	0.10	0.12	0.28	135.9	196.9

Sources: BPP; FSSIA estimates

## **FINANSIA**

#### 3 FEBRUARY 2022

### AAPICO HITECH (AH TB) - Portugal becoming an overhang; Downgrade to HOLD TP THB28.00

#### Expect unattractive 4Q21 results

We expect AH's earnings in 4Q21 to recover by 71% q-q but still drop by 20% y-y to THB217m. We expect the company's revenue to pick up by 28% q-q to THB5.4b thanks to 1) a 4% q-q uptick in the auto parts business after Thailand's car production grew significantly in 4Q21; and 2) a 136% q-q increase in the car dealership business after AH opened its new Mazda showroom, as well as the recovery of car sales in Thailand and Malaysia. However, we expect the company's 4Q21 GPM to be at 10.2%, not yet recovering to its normal level of 11-12% due to 1) a higher proportion of sales from the low-margin car dealership business; and 2) sluggish performance from the Portugal factory, which could incur a loss.

#### Weak performance in Portugal could be a future overhang

Its auto parts factory in Portugal has been a key drag for AH since 3Q21 due to 1) the semiconductor shortage that is worse than in Thailand; 2) the long holiday periods in 3Q and 4Q; and 3) the higher steel price. The production volume has continued to slow down, according to AH. With new car registrations in Europe remaining weak, the Portugal factory's performance could be AH's short-term overhang.

#### Minor revisions on earnings estimates

Due to the weaker-than-expected Portugal performance, which may recover gradually though slower than we previously expected, we trim our core earnings forecast in 2021 down by 4% to THB877m. For 2022, we revise our earnings down by 3% to THB1.1b. Though there are minor changes to its revenue mix, we reduce our 2022E GPM to 11.4% from our previous expectation of 12% due to the weak performance in Portugal and the higher proportion of low-margin car dealership sales.

#### Downgrade to HOLD with a new TP of THB28

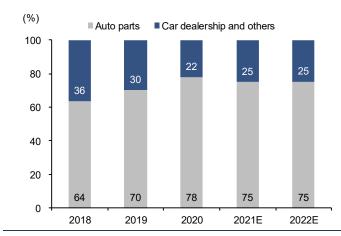
Although the performance of its operations in Thailand, Malaysia, and China may post a strong recovery in 2022, thanks to new orders, higher car production levels and sales volumes, Portugal, however (contributes almost 20% of AH's total revenue), still has an unclear outlook. As a result, we downgrade our recommendation on AH to HOLD from Buy with a new TP of THB28 from THB29 to reflect our earnings estimate cut in 2022. Our TP is pegged to 9x 2022E P/E (+1SD of its mean P/E). Though we think AH has a good outlook, Portugal could be a limitation.

#### Exhibit 3: Assumption and forecast changes

	Ne	w	Prev	ious	Chan	ge
	2021E	2022E	2021E	2022E	2021E	2022E
	(THB m)	(THB m)	(THB m)	(THB m)	(%)	(%)
Auto parts	14,875	16,082	14,366	17,468	4	(8)
Car dealership and others	5,198	6,524	4,683	5,273	11	24
Revenue	20,073	22,606	19,558	22,293	3	1
Gross profit	2,188	2,577	2,308	2,675	(5)	(4)
Other income	506	553	506	553	0	0
EBITDA	1,459	1,680	1,538	1,717	(5)	(2)
Net profit	1,117	1,108	910	1,143	23	(3)
Core profit	877	1,108	910	1143	(4)	(3)
Margin	(%)	(%)	(%)	(%)	(ppt)	(ppt)
GPM	10.9	11.4	11.8	12.0	(0.9)	(0.6)
NPM (Core)	4.4	4.9	4.7	5.1	(0.3)	(0.2)

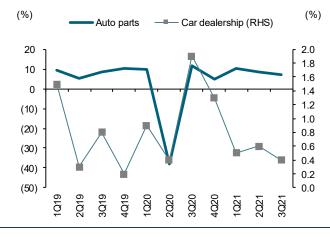
Source: FSSIA estimates

### Exhibit 4: Revenue portion by business



Source: AH

### Exhibit 5: EBIT margin by business



Source: AH

### News Comments/Key takeaways

### BBL (HOLD; TP THB134) - Neutral view on BBL 2022's financial guidance

This afternoon BBL released its 2022 financial guidance including: 1) 4-6% y-y loan growth; 2) 2.1% NIM; 3) flat fee income growth; 4) low 50s cost to income; 5) credit cost of THB26b; and 6) less than 4.0% in NPL ratio.

#### Comment;

- We read this target as neutral as it is in-line with our forecasts. We, currently, project its 2022 net profit of THB29.2b (+10% y-y) vs consensus of THB30.9b. Thus, we see no upside risk to our current forecast.
- We maintain our HOLD call as we think its medium-term ROE and net profit growth will continue to be lower than other big banks thanks to its overly conservative risk management and aging digital expansion strategy. Its cheap valuation and the most defensive balance sheet in the banking space are not enough to catch our attention.
- It will hold analyst meeting tomorrow at 10.30 am.

### Exhibit 6: BBL's 2022 financial target

	2021	202	2E
	Actual	BBL	FSSIA
NIM (%)	2.1	Around 2.1	2.0
Loan growth (%)	9.3	4-6	4.0
Fee growth (%)	18.2	Flat growth	2.0
Cost to income ratio (%)	50.0	Low 50s	52.0
Provision (THB m)	34,134	26,000	25,484
Reported NPL ratio (%)	3.2	Less than 4	4.0

Sources: BBL; FSSIA's estimates

### WHA (WHA TB, BUY, TP THB4.4) - Key takeaways for 2022 business outlook

- Management target IE presales at 1,250 rai (950 rai from Thailand and 300 rai from Vietnam), growing 46% y-y from 855 rai in 2021 and above our estimate at 900 rai. Note that, our forecast has not included 100 rai of non-IE presales. We see upside risk of IE presales in Thailand which could exceed 1,000 rai as WHA has potentially 1,500 rai which currently under negotiation.
- Presales in Thailand suddenly rose to c230 rai in 4Q21 (vs 285 rai from IE land and 340 rai from non IE land in 9M21) after Thailand reopening since Nov-21.
- For IE presales in Vietnam, we expect 300 rai presales should mainly recognize in late-2022 due to land supply constraint.
   WHA has 300 rai land available for sales in Nghe AN phase 1 while phase 2 of 1,300-1,400 rai should ready to sale by late 2022.
- Logistic business should continue deliver solid performance in 2022. WHA signed long/short term tenant for 166k sqm/177k sqm respectively (vs 2021 target at 175k/50k sqm). WHA target to sign 185k/100k sqm for long/short term tenant in 2022 which in line with our estimate. For asset monetization, WHA plans to divest total area of 180k sqm to its REITs, comparable to 2021 at 184k sqm but with lower GPM at 25-30% vs (c40% GPM in 2021).
- For property tax, expenses related to property tax (100% applied) would be THB100m vs THB10m in 2021 (90% discount), implying a 3% downside risk to our 2022E net profit of THB3.3b.



### **Economic news**

COVID-19 cases as of 2 Feb globally reaches 384,900,836 with new 2,860,689 cases and 10,446 new deaths. There are 74,358,975 currently infected patients, with 91,922 (0.1%) cases in serious condition.

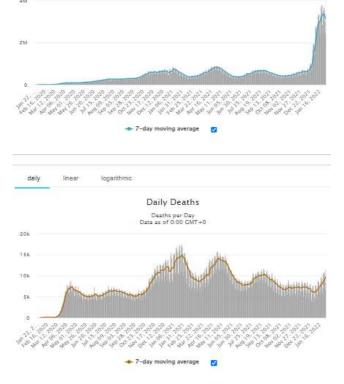
#### Country Total New Total New Cases Cases Deaths Deaths World 384,900,836 2,860,689 5,716,219 10,446 19.872.989 315.363 131.588 276 France 1 2 Germany 10.303.100 223.322 118.883 174 3 USA 76.752.951 204.456 916 213 1 954 4 Brazil 25 793 112 167.979 628 960 828 5 India 41 795 478 164 593 498 987 991 6 12,128,796 141,883 332 690 678 Russia 7 118,994 147,320 395 Italy 11,235,745 110,682 217 8 Turkey 11,833,165 87,831 88,085 534 9 UK 17,515,199 157,409 224 10 Spain 10,125,348 86,222 93,857 11 Japan 2,811,050 80,222 18,871 79 12 Netherlands 4,605,248 66,969 21,303 10 13 Czechia 3,100,462 57,195 37,281 17 14 Poland 4,981,321 56,051 105,753 318 15 Portugal 2,745,383 54,693 20,024 56 16 Denmark 1,762,628 52,009 3,790 20 17 Argentina 8,472,848 45,070 121,834 321 18 Mexico 4,985,689 43,099 306,920 829 19 Australia 2,620,063 39,677 3,905 70 20 Austria 1,920,882 39,410 14,143 16 21 Iran 6,446,404 38,160 132,563 59 22 Romania 2,292,345 35,802 60,242 107 23 Ukraine 35,014 100,599 204 4,130,277 24 29,844 39,742 9 Chile 2,221,276 25 Belgium 28,962 29,083 31 3,184,201 22 47 Thailand 2,456,551 8,587 22,210 South Africa 3,612,809 4,502 95,463 175 63

#### Exhibit 7: Top 25 countries by new cases

#### Daily New Cases Cases per Day Data as of 0:00 GMT+0

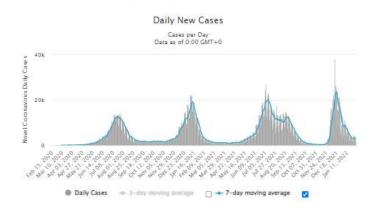
Exhibit 8: Global by new cases and deaths

logarithmic



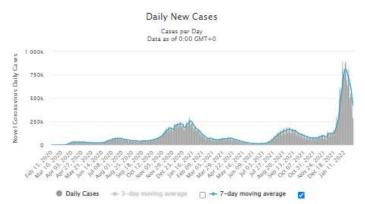
#### Source: worldometers.info

Daily New Cases in South Africa

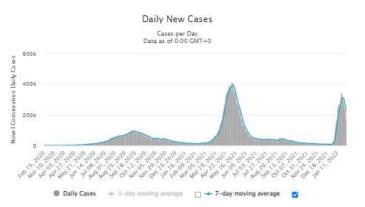


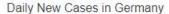
#### Source: worldometers.info

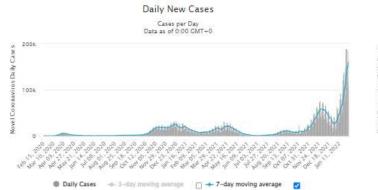
Daily New Cases in the United States



#### Daily New Cases in India





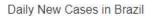


Daily New Cases

us Daily Case

Daily New Cases in France

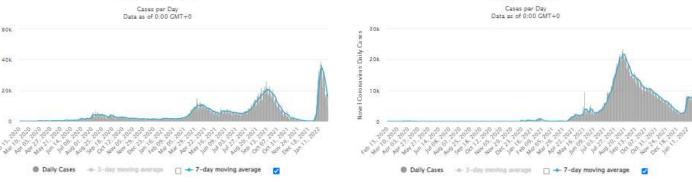








Daily New Cases in Thailand



- Test & Go gets off to good start, 23k-plus travellers register on first day BANGKOK POST: More than 23,000 travellers registered for entry under the Test & Go programme on Tuesday, the first day the suspended travel scheme resumed. Government spokesman Thanakorn Wangboonkongchana said that a total of 29,194 foreigners applied for the Thailand Pass on Tuesday. Of them, 23,660 registered for the "Test & Go" scheme and the number of registrations is expected to increase, he said.
- Phuket ups tests on foreign visitors BANGKOK POST: Prompted by large numbers of tourists testing positive for Covid-19 upon arrival, Phuket on Wednesday switched to imposing a repeat RT-PCR Covid-19 test on international tourists arriving under the quarantine-free Test & Go scheme. Phuket has now issued a new order requiring all Test & Go tourists to undergo a repeat RT-PCR Covid-19 test on the fifth day of their stay in Thailand, in addition to the first test upon arrival, said provincial chief health officer Dr Koosak Kookiatkul on Wednesday. "This means Test & Go tourists coming to Phuket will have to pay for their two Covid-19 tests and book their hotel rooms on the first and fifth days in advance," Dr Koosak said.
- Economy expected to make headway in H1, Ministry upbeat on tourism prospects BANGKOK POST: The Thai economy is likely to start recovering in the first half of this year thanks to the government's better control of Covid-19 infections, the state's economic stimulus measures as well as accelerated infrastructure development, says Deputy Prime Minister Supattanapong Punmeechaow. According to Mr Supattanapong, the resumption of the Test & Go tourism scheme on Feb 1 will also help revitalise the tourism industry. The Tourism and Sports Ministry expects the resumption of the Test & Go tourism scheme should allow the country to attract at least 8 million tourists this year. "Some 2,500 passengers from 46 flights arrived at Suvarnabhumi airport on Feb 1, the first day the Test & Go scheme resumed," he said.



Daily New Cases in the Philippines

- EC orders provincial office, Move sparks speculation of early general election BANGKOK POST: The Election Commission has instructed its offices in all provinces to prepare to re-demarcate electoral boundaries to accommodate the increased number of MPs under the amended constitution. The instruction was given in an urgent letter dated Feb 1, signed by EC deputy secretary-general Kittipong Boriboon on behalf of the secretary-general, and sent to all provincial offices. It has generated speculation of an early general election.
- EC draws up 400 seats for next poll BANGKOK POST: The Election Commission (EC) has finished drawing up 400 constituencies across the country for the next general election, with Bangkok allocated the most seats at 33. The EC sent out urgent letters dated Feb 1 to provincial election offices, informing them of the 400 newly demarcated constituencies, according to an EC source. The letter, signed by acting EC secretary-general, Kittipong Boriboon, was to have them prepare essential groundwork for future elections which have switched from a single-ballot to a dual-ballot system.
- Inflation forecast 1.5-2.5% in 2022 BANGKOK POST: The Joint Standing Committee on Commerce, Industry and Banking expects inflation to run at 1.5-2.5% this year, and 3% in first half due to rising oil prices. Supant Mongkolsuthree, chairman of the Federation of Thai Industries, said on Wednesday that tension between Russia and Ukraine could prompt Russia to reduce its crude oil and natural gas production in response to pressure from opposing countries. That would raise the price of both oil and goods, especially energy and fresh food.

### **Corporate news**

- DE Fund allots B2.5bn for digital development BANGKOK POST: Some 2.5 billion baht will be set aside for digital development projects subject to be financed by the Digital Economy and Society Development Fund (DE Fund) in fiscal 2022, according to Digital Economy and Society (DES) Minister Chaiwut Thanakamanusorn. Interested parties wishing to pitch their projects can submit their proposals for consideration from Feb 15 to March 31, especially in the areas of fintech, health tech, government tech, innovation tech, agriculture tech, digital and manpower. Funding for digital projects, Mr Chaiwut said, is vital to accelerate the country's digital transformation in sync with the new economy and normalcy.
- Fuel demand hit by last year's outbreaks BANGKOK POST: Last year's Covid-19 outbreaks caused Thai fuel consumption to decline by 3.5% to an average of 133 million litres a day, down from 138 million litres a day in 2020, according to the Department of Energy Business. All types of fuel used in the transport sector saw lower consumption following road and air travel restrictions, but liquefied petroleum gas (LPG) and fuel oil or heavy oil used by industries and marine transport increased, said Nantika Thangsuphanich, director-general at the department. She said jet fuel declined by 35% to an average of 4.86 million litres a day, down from 7.5 million litres.
- Push for bubbles amid tourism drive, Talks continue after revival of Test & Go BANGKOK POST: The Tourism and Sports Ministry plans to continue travel bubble discussions with short-haul destinations following this week's resumption of the Test & Go scheme. The Tourism Council of Thailand (TCT) is calling for a more relaxed RT-PCR testing regime to bring back at least 5 million tourists this year. The country wants to continue travel bubble initiatives, particularly with nearby countries that generate enormous cross-border traffic, such as Laos, Cambodia and Malaysia, said Phiphat Ratchakitprakarn, the tourism and sports minister.
- Rice forecast up almost 15% Rice exporters forecast shipments to rise by 14.8% this year to 7 million tonnes driven by sufficient water supply. Higher demand is anticipated thanks to a global economic recovery, while a favourable foreign exchange rate should make Thai rice competitive, according to Charoen Laothammatas, president of the Thai Rice Exporters Association. For the 2021/2022 harvest season, the association expects rice production to increase to 30-32 million tonnes of paddy rice or 20 million of milled rice, up from 27-28 million tonnes of paddy rice or 17 million tonnes in the 2020/2021 season. A widespread drought is unlikely this year, as happened two years ago, he said.
- Southeast Life eager to promote stability, Capital adequacy ratio stands at 236% BANGKOK POST: Southeast Life Insurance recorded 34% growth in policy premiums for the first 11 months of 2021 and 70% growth in operating results in the third quarter last year, the highest in the life insurance industry, affirming the company's financial stability. According to the company's statement, it has a capital adequacy ratio of 236% with net assets of more than 55.6 billion baht, which is significantly higher than the Office of the Insurance Commission's requirement of 120%.
- Border trade projected to increase 7% BANGKOK POST: The government expects cross-border trade to grow by 5-7% to 1.08-1.1 trillion baht this year, driven by the global recovery, economic and demand growth in neighbouring countries, as well as the baht's weakness. The Laos-China high-speed train project, which opened on Dec 3, 2021, and the Commerce Ministry's acceleration of reopening border checkpoints should also help improve overall cross-border trade activities this year, according to Commerce Minister Jurin Laksanawisit.
- WHA sees years of robust growth ahead BANGKOK POST: SET-listed WHA Corporation, Thailand's largest developer
  of built-to-suit logistics facilities, expects its total revenue to rise to 21 billion baht by 2026, driven by organic growth, notably
  business expansion projects. The company predicts double-digit annual revenue increases up to 2026, with 2022 earnings
  expected to increase by 10%, said Jareeporn Jarukornsakul, WHA chairman and group chief executive. In 2021 the
  company's total revenue, including its share of profits in power businesses, increased by 28% year-on-year to 12 billion
  baht.
- Digital strategy key to banking growth BANGKOK POST: Hyper-personalised and customer-centric services, digital lending and forging partnerships with fintech firms to introduce innovative services are key areas that can increase growth in the banking sector, according to Malaysia-based bank tech service provider Silverlake Axis. "About 30% of the Thai population use mobile wallets now. Thai banks will need to level up by transforming their business models to enable different platforms to integrate with their systems," Andrew Tan, group managing director of Silverlake Axis, told the

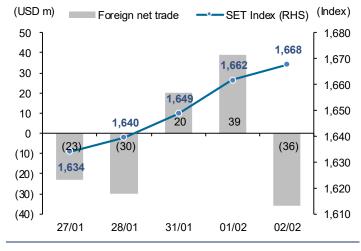


Bangkok Post. Thailand's banking industry is quite developed, which provides a solid framework for effective integration of digital services, he said. A solid and modernised system coupled with a stable and sustainable business model could position banks at the forefront of the digital payments revolution. He said the business model with the most potential is extremely personalised to customers in order to open up new revenue streams. Banks need to be innovative by using real-time data analytics to analyse shifts in customer behavioural patterns and putting in place strategies that can meet these shifts.

- OPEC+ backs another modest oil output hike despite surging prices BANGKOK POST: LONDON: Top oil-producing countries led by Saudi Arabia and Russia announced another modest increase in output on Wednesday despite soaring crude prices and geopolitical tensions rattling the markets. The 23-nation OPEC+ group said in a statement that it will increase production by 400,000 barrels per day in March, the same amount as in previous months. The group, which includes the 13 members of the Saudi-led Organization of the Petroleum Exporting Countries (OPEC) and their 10 allies, including Russia, has resisted US pressure to further boost production to tame prices. OPEC+ said in its statement following a ministerial videoconference that the decision was made "in view of current oil market fundamentals and the consensus on the outlook".
- UAE reports new drone attack as US to send warship, jets BANGKOK POST: DUBAI The United Arab Emirates on Wednesday said it prevented another drone attack over its territory, after Washington said it will send a warship and fighter jets to help defend its Gulf ally as conflict with Yemeni rebels intensifies. The UAE, a major financial hub and part of the Saudi-led coalition fighting Yemen's Iran-backed Huthi rebels for seven years, announced the "interception and destruction" of three "hostile" drones on Wednesday, the fourth similar attack targeting the wealthy state in three weeks. Although the latest attack was not immediately claimed, it follows missile and drone assaults the Huthis said they carried out this year. Three people have been killed.



#### Exhibit 9: Foreign fund flow and SET Index



### Exhibit 10: Foreign participation



Source: Bloomberg

#### Exhibit 11: Index performance

	SET Ir	idex				Inde	x perform	ance (% chan	ge)		
	Index	(%chg)	Energy	Bank	Comu	Commerce	Food	Property	Construct	Transport	Petrochem
% of SET Index			22%	10%	9%	10%	6%	6%	4%	8%	3%
Current	1,667.75	0.4	(0.1)	0.1	0.9	0.3	(0.3)	0.5	(0.2)	(0.2)	0.5
-5D	1,643.44	1.5	(0.2)	0.4	1.9	3.4	0.4	3.2	0.9	2.5	(0.8)
-1M	1,657.62	0.6	1.5	3.8	0.9	0.8	(0.7)	3.0	(0.4)	1.6	3.0
-3M	1,617.89	3.1	4.5	7.7	18.9	(3.7)	(1.6)	3.6	(2.2)	(2.9)	1.6
-6M	1,525.11	9.4	13.2	35.0	31.7	5.8	(4.1)	19.9	(6.9)	4.8	10.1
-1Y	1,486.25	12.2	8.6	21.6	42.6	9.2	4.4	17.7	5.0	2.1	9.8
WTD	1,639.51	1.7	1.0	1.0	1.7	2.1	0.4	1.5	(0.3)	1.2	0.0
MTD	1,648.81	1.1	0.6	0.3	2.1	0.5	0.5	0.7	(0.1)	0.8	0.1
QTD	1,657.62	0.6	1.5	3.8	0.9	0.8	(0.7)	3.0	(0.4)	1.6	3.0
End of 2021	1,657.62	0.6	1.5	3.8	0.9	0.8	(0.7)	3.0	(0.4)	1.6	3.0

Source: Bloomberg

Source: Bloomberg

### Exhibit 12: Trade by investor types

	SET Ir	1dex	Exchange	SET	Index		Equity trading	g / Net position	ition Bond		
	Index	Change	rate	Average da	ily turnover	Foreign	Retail	PropTrade	Local Inst	Net foreign	
		(y-y%)	(USD:THB)	(THB m)	(USD m)	(USD m)	(USD m)	(USD m)	(USD m)	(USD m)	
2018	1,563.88	(10.8)	32.32	56,370	1,744	(8,913)	3,571	(478)	5,799	8,855	
2019	1,579.84	1.0	31.06	52,468	1,689	(1,496)	(662)	477	1,681	(502)	
2020	1,449.35	(8.3)	31.29	67,335	2,152	(8,287)	6,873	459	953	(1,005)	
2021	1,657.62	14.4	32.00	88,443	2,764	(1,632)	3,630	435	(2,330)	6,550	
2022YTD	1,667.75	0.6	33.22	85,072	2,561	435	172	96	(703)	2,417	
1Q21	1,587.21	41.0	30.26	93,653	3,095	(987)	1,622	129	(764)	128	
2Q21	1,587.79	18.6	31.36	94,016	2,998	(1,482)	1,973	85	(574)	2,442	
3Q21	1,605.68	29.8	32.92	86,406	2,625	(8)	(178)	189	97	632	
4Q21	1,657.62	14.4	33.38	79,917	2,394	845	213	32	(1,089)	3,348	
1Q22	1,667.75	5.1	33.21	73,962	2,227	435	172	96	(703)	2,417	
Oct-21	1,623.43	35.9	33.49	81,653	2,438	474	(106)	175	(542)	305	
Nov-21	1,568.69	11.4	33.10	86,676	2,619	(324)	826	(214)	(288)	1,429	
Dec-21	1,657.62	14.4	33.56	71,422	2,128	695	(507)	71	(259)	1,614	
Jan-22	1,648.81	12.4	33.22	87,540	2,635	432	220.92	104.12	(756.47)	2,434	
Feb-22	1,667.75	11.4	33.21	60,383	1,818	3	(48.78)	(7.94)	53.50	(17)	
2022YTD	1,667.75	0.6	33.22	85,072	2,561	435	172	96	(703)	2,417	
27/01/2022	1,634.17		33.20	93,867	2,828	(23)	120	(34)	(63)	16	
28/01/2022	1,639.51		33.36	77,730	2,330	(30)	6	(5)	29	(100)	
31/01/2022	1,648.81		33.30	68,341	2,053	20	(29)	21	(11)	(186)	
01/02/2022	1,661.75		33.21	59,440	1,790	39	(45)	(9)	14	(226)	
02/02/2022	1,667.75		33.20	61,327	1,847	(36)	(4)	1	39	208	

Source: Bloomberg

#### SPOTLIGHT ON THAILAND

### Exhibit 13: Upcoming events

Date Time	Event		Survey	Actual	Prior
02/03/2022 22:30	CPI YoY	Jan	2.47%		2.17%
02/03/2022 22:30	CPI NSA MoM	Jan	0.40%		-0.38%
02/03/2022 22:30	CPI Core YoY	Jan	0.38%		0.29%
02/03/2022 02/09	Consumer Confidence Economic	Jan			40.1
02/03/2022 02/09	Consumer Confidence	Jan			46.2
02/04/2022 02:30	Forward Contracts	28-Jan			\$32.8b
02/04/2022 02:30	Foreign Reserves	28-Jan			\$244.8b
02/09/2022 02:00	BoT Benchmark Interest Rate	09-Feb	0.50%		0.50%
02/17/2022 02/24	Car Sales	Jan			86145
02/20/2022 21:30	GDP YoY	4Q			-0.30%
02/20/2022 21:30	GDP SA QoQ	4Q			-1.10%
02/22/2022 22:30	Customs Exports YoY	Jan			24.20%
02/22/2022 22:30	Customs Imports YoY	Jan			33.40%
02/22/2022 22:30	Customs Trade Balance	Jan			-\$354m
02/24/2022 02/28	Mfg Production Index ISIC NSA YoY	Jan			6.83%
02/24/2022 02/28	Capacity Utilization ISIC	Jan			66.3
02/28/2022 02:00	BoP Current Account Balance	Jan			-\$1378m
02/28/2022 02:30	Exports YoY	Jan			23.00%
02/28/2022 02:30	Exports	Jan			\$24546m
02/28/2022 02:30	Imports YoY	Jan			28.20%
02/28/2022 02:30	Imports	Jan			\$21712m
02/28/2022 02:30	Trade Balance	Jan			\$2835m
02/28/2022 02:30	BoP Overall Balance	Jan			\$2347m
02/28/2022 19:30	Markit Thailand PMI Mfg	Feb			51.7
03/01/2022 02:30	Business Sentiment Index	Feb			47.2

Source: Bloomberg

### Exhibit 14: Management trading

Company	Management	Securities	Transaction	Shares	Price (THB)	Action	Value (THBm)
Nusasiri (NUSA)	Siriya Thepcharoen	Common Shares	2/2/2022	32,352,940	1.38	Buy	44.65
Thai Sugar Terminal (TSTE)	Prapas Chutimaworapan	Common Shares	1/28/2022	5,500	7.00	Buy	0.04
Thonburi Healthcare (THG)	Aurchat Kanjanapitak	Common Shares	2/1/2022	3,369,600	40.25	Sell	135.63
Khon Kaen Sugar Industry (KSL)	Sukum Tokaranyaset	Common Shares	1/28/2022	450,000	3.77	Buy	1.70
Richy Place 2002 (RICHY)	Somsak Ataboonwongse	Common Shares	2/1/2022	300,000	1.45	Sell	0.44
Richy Place 2002 (RICHY)	Somsak Ataboonwongse	Warrant	2/1/2022	300,000	0.45	Sell	0.14
Thai Textile Industry (TTI)	Kamjorn Cheunchujitr	Common Shares	2/1/2022	10,000	25.00	Buy	0.25
Hwafong Rubber (HFT)	Chih-Yao Chuang	Warrant	1/24/2022	18,500	7.85	Buy	0.15
Hwafong Rubber (HFT)	Chih-Yao Chuang	Warrant	1/27/2022	28,500	8.00	Buy	0.23
Hwafong Rubber (HFT)	Chih-Yao Chuang	Warrant	1/27/2022	30,000	8.00	Buy	0.24
Hwafong Rubber (HFT)	Chih-Yao Chuang	Warrant	1/27/2022	39,000	8.00	Buy	0.31
Hwafong Rubber (HFT)	Chih-Yao Chuang	Warrant	1/27/2022	30,000	8.00	Buy	0.24
Hwafong Rubber (HFT)	Chih-Yao Chuang	Warrant	1/27/2022	27,800	8.00	Buy	0.22
Hwafong Rubber (HFT)	Chih-Yao Chuang	Warrant	1/27/2022	21,900	8.00	Buy	0.18
Hwafong Rubber (HFT)	Chih-Yao Chuang	Warrant	1/27/2022	26,500	8.00	Buy	0.21
Hwafong Rubber (HFT)	Chih-Yao Chuang	Warrant	1/27/2022	23,000	8.00	Buy	0.18
Hwafong Rubber (HFT)	Chih-Yao Chuang	0020Warrant	1/27/2022	23,300	8.00	Buy	0.19
Hwafong Rubber (HFT)	Chih-Yao Chuang	Warrant	1/27/2022	30,000	8.00	Buy	0.24
Hydrotek (HYDRO)	Somprasong Panjalak	Common Shares	2/1/2022	4,500,000	1.75	Sell	7.88

Source: SEC

### Exhibit 15: Upcoming XM

Symbol	X-Date	Announce Date	Meeting Date	Type of Meeting	Agenda	Venue
INET	03/02/2022	21/01/2022	07/03/2022	EGM	The issuance of debentures	INET Hall, IT Floor, Thai Summit Tower, Internet Thailand Public Company Limited, 1768 New Petchaburi Road, Bangkapi, Huai Khwang, Bangkok.
NUSA	03/02/2022	21/01/2022	04/03/2022	EGM	Capital increase, Acquisition and disposition of assets	Via Electronics Meeting (E-Meeting)
TLHPF	04/02/2022	24/01/2022	-	Others	To consider and approve the Company's proposal to adjust the rental payment terms	-
ANAN	07/02/2022	24/01/2022	10/03/2022	EGM	Capital increase, The issuance of convertible securities	Via Electronics Meeting (E-Meeting)
COTTO	07/02/2022	25/01/2022	25/03/2022	AGM	Cash dividend payment, Changing the director(s)	Via Electronics Meeting (E-Meeting)
POLAR	07/02/2022	21/01/2022	04/03/2022	EGM	Capital increase, Paid up capital reduction	Via Electronics Meeting (E-Meeting)
SCGP	08/02/2022	25/01/2022	29/03/2022	AGM	Cash dividend payment	Via Electronics Meeting (E-Meeting)
TAPAC	08/02/2022	26/01/2022	25/02/2022	AGM	Cash dividend payment, Changing the director(s)	Electronic Meeting method (e-AGM)
VGI	08/02/2022	25/01/2022	04/03/2022	EGM	Capital increase, The issuance of convertible securities	Surasak Ballroom, 11th Floor, Eastin Grand Hotel Sathorn Bangkok, No. 33/1 South Sathorn Road, Yannawa, Sathorn, Bangkok
SCC	09/02/2022	26/01/2022	30/03/2022	AGM	Cash dividend payment	Via Electronics Meeting (E-Meeting)
PTTEP	10/02/2022	27/01/2022	28/03/2022	AGM	Cash dividend payment,Changing the director(s), Agenda Item 1 To acknowledge the 2021 performance results and 2022 work plan of the company, Agenda Item 2 To approve the financial statements for the year ended December 31, 2021	PTTEP Meeting Room, Energy Complex Building A, 555/1 Vibhavadi Rangsit Road, Sub-district Chatuchak, District Chatuchak, Bangkok 10900
DTAC	11/02/2022	28/01/2022	25/03/2022	AGM	Cash dividend payment,Changing the director(s)	Electronic media according to the Emergency Decree on Electronic Meeting B.E. 2563 and other related laws and regulations
GCAP	11/02/2022	28/01/2022	03/03/2022	EGM	Capital increase, The issuance of convertible securities	Via Electronics Meeting (E-Meeting)
SINGER	11/02/2022	28/01/2022	10/03/2022	EGM	Capital increase	Via Electronics Meeting (E-Meeting)
JKN	14/02/2022	01/02/2022	14/03/2022	EGM	Capital increase, The issuance of convertible securities, Amendment of the Company's objectives	Via Electronics Meeting (E-Meeting)
SCB	14/02/2022	31/01/2022	04/04/2022	AGM	Cash dividend payment	Via electronic means, in accordance with the Emergency Decree on Electronic Meetings B.E. 2563 (2020) and other related laws and regulations
MVP	17/02/2022	24/01/2022	11/03/2022	EGM	Capital increase, Revision of Memorandum of Association, Clause 3. (Objectives) of the Company	The Seminar room, 12th floor, The Sittipol 1919 Co., Ltd., No.999 Rama 3 Road, Bangphongphang, Yannawa, Bangkok 10120
HUMAN	01/03/2022	28/01/2022	31/03/2022	EGM	Capital increase,Acquisition and disposition of assets,Connected transaction,Changing the director(s)	Via Electronics Meeting (E-Meeting)
ALPHAX	03/03/2022	11/01/2022	28/03/2022	EGM	Capital increase, Acquisition and disposition of assets	Via Electronics Meeting (E-Meeting)
PLANB	09/03/2022	26/01/2022	11/04/2022	AGM	Capital increase	Via Electronics Meeting (E-Meeting)
OHTL	14/03/2022	28/01/2022	28/04/2022	AGM	Omitted dividend payment	By electronic means only (E-Meeting) - Tajeen Room, Mandarin Oriental, Bangkok, 48 Soi Burapa, Charoenkrung Road, Khet Bangrak, Bangkok

#### Source: SET

### Exhibit 16: Upcoming XR

Symbol	X-Date	Announce Date	Rights for	Subscription Price	Unit	Subscription Ratio (Holding:New)	Subscription Period	Allotted Shares (Shares)
JUTHA	03/02/2022	30/09/2021	Warrants	-	Baht	2.5 : 1	-	884500822
JUTHA-P	03/02/2022	30/09/2021	Warrants	-	Baht	2.5 : 1	-	1020000
EE	04/02/2022	15/11/2021	Warrants	-	Baht	2 : 1	-	139000000
POLAR	07/02/2022	21/01/2022	Common	0.01	Baht	1:2	04/04/2022 - 08/04/2022	17029903440
VGI	08/02/2022	25/01/2022	Common	5	Baht	10 : 3	23/03/2022 - 29/03/2022	2583349712
VGI	08/02/2022	25/01/2022	Warrants	-	Baht	1:1	-	2583349712
YGG	11/02/2022	15/11/2021	Warrants	-	Baht	4 : 1	-	90000000
YGG	11/02/2022	15/11/2021	Common	0.5	Baht	1:2	02/03/2022 - 08/03/2022	36000000
BC	15/02/2022	13/05/2021	Common	1.8	Baht	5.1 : 1	14/03/2022 - 18/03/2022	10000000
EVER	17/02/2022	15/11/2021	Warrants	-	Baht	3 : 1	-	1618261515
EFORL	18/02/2022	20/12/2021	Warrants	0.4	Baht	5 : 1	-	799572989
EFORL	18/02/2022	20/12/2021	Warrants	-	Baht	2 : 1	-	399786494
SENA	07/03/2022	20/01/2022	Warrants	-	Baht	4 : 1	-	359425138

Source: SET

### Exhibit 17: Upcoming XD

Symbol	X-Date	Announce Date	Dividend (per Share)	Unit	Operation Period	Source of Dividend	Payment Date	Par
TSC	03/02/2022	23/11/2021	0.6	Baht	01/10/2020 - 30/09/2021	NP	-	1
BTS	07/02/2022	25/01/2022	0.15	Baht	01/04/2021 - 30/09/2021	Both	24/02/2022	4
TAPAC	08/02/2022	26/01/2022	0.01	Baht	01/11/2020 - 31/10/2021	NP	24/03/2022	1
IRC	08/02/2022	24/11/2021	0.8845	Baht	01/10/2020 - 30/09/2021	NP	28/02/2022	1
METCO	09/02/2022	26/11/2021	14	Baht	-	RE	25/02/2022	10
DIF	10/02/2022	31/01/2022	0.261	Baht	01/10/2021 - 31/12/2021	NP	04/03/2022	10
POPF	10/02/2022	31/01/2022	0.27	Baht	01/10/2021 - 31/12/2021	Both	04/03/2022	10
PPF	10/02/2022	31/01/2022	0.175	Baht	01/10/2021 - 31/12/2021	NP	04/03/2022	10
SIRIP	10/02/2022	31/01/2022	0.05	Baht	01/10/2021 - 31/12/2021	NP	04/03/2022	10
TLHPF	10/02/2022	31/01/2022	0.69	Baht	01/07/2021 - 31/12/2021	Both	01/03/2022	10
PTTEP	10/02/2022	27/01/2022	3	Baht	-	RE	18/04/2022	1
RAM	10/02/2022	28/01/2022	0.2	Baht	-	RE	25/02/2022	0.1
DTAC	11/02/2022	28/01/2022	1.05	Baht	01/07/2021 - 31/12/2021	NP	20/04/2022	2
THG	11/02/2022	26/01/2022	0.4	Baht	01/01/2021 - 30/09/2021	NP	25/02/2022	1
YGG	11/02/2022	15/11/2021	2.90323 : 1	Share	01/01/2021 - 30/09/2021	Both	03/03/2022	0.5
SCB	14/02/2022	31/01/2022	2.63	Baht	01/01/2021 - 31/12/2021	NP	22/04/2022	10
SCB-P	14/02/2022	31/01/2022	2.63	Baht	01/01/2021 - 31/12/2021	NP	22/04/2022	10
KSL	03/03/2022	17/01/2022	0.03	Baht	-	RE	18/03/2022	0.5
сотто	01/04/2022	25/01/2022	0.047	Baht	01/01/2021 - 31/12/2021	NP	22/04/2022	1
SCGP	05/04/2022	25/01/2022	0.4	Baht	01/01/2021 - 31/12/2021	NP	25/04/2022	1
SCC	07/04/2022	26/01/2022	10	Baht	01/07/2021 - 31/12/2021	NP	26/04/2022	1

Source: SET

### Exhibit 18: New securities

Derivative Warrants	Trade Date	Underlying	Issuer	DW Type	Market	Maturity Date	Exercise Price (Baht)
ACE06C2206A	3/2/2022	ACE	KKPS	Call	SET	18/06/2022	4.25
AWC06C2206A	3/2/2022	AWC	KKPS	Call	SET	25/06/2022	5.9
BAM06C2206K	3/2/2022	BAM	KKPS	Call	SET	25/06/2022	26.25
BAM24C2205A	3/2/2022	BAM	FSS	Call	SET	20/05/2022	27.5
BDMS24C2206A	3/2/2022	BDMS	FSS	Call	SET	9/6/2022	28.25
CPN24C2205A	3/2/2022	CPN	FSS	Call	SET	12/5/2022	71.5
EPG13C2206A	3/2/2022	EPG	KGI	Call	SET	23/06/2022	14.5
GUNK06C2206A	3/2/2022	GUNKUL	KKPS	Call	SET	11/6/2022	9
IVL06C2206A	3/2/2022	IVL	KKPS	Call	SET	18/06/2022	62
JMAR41C2205A	3/2/2022	JMART	JPM	Call	SET	11/5/2022	65
SCGP13C2206A	3/2/2022	SCGP	KGI	Call	SET	14/06/2022	82
SPAL06C2206A	3/2/2022	SPALI	KKPS	Call	SET	25/06/2022	29.5
SPAL24C2206A	3/2/2022	SPALI	FSS	Call	SET	9/6/2022	30.25
STA19C2206A	3/2/2022	STA	YUANTA	Call	SET	9/6/2022	41
STGT06C2206A	3/2/2022	STGT	KKPS	Call	SET	18/06/2022	36.5
TOP24C2205A	3/2/2022	TOP	FSS	Call	SET	20/05/2022	68.75
TU06C2206K	3/2/2022	TU	KKPS	Call	SET	25/06/2022	27
WHA06C2206A	3/2/2022	WHA	KKPS	Call	SET	25/06/2022	4.35

Source: SET