**EQUITY RESEARCH - RESULTS FLASH** 

# BANPU POWER BPP TB

THAILAND / UTILITIES - CONVENTIONAL

# RIIY

TARGET PRICE THB20.00
CLOSE THB15.30
UP/DOWNSIDE +30.7%
TP vs CONSENSUS +9.9%

# Solid HPC offsets hedging loss

- BPP's 2Q22 core NP was THB1.25b, down 65% q-q, while 2Q22
   NP came in at THB685m (-77% q-q).
- We expect strong core earnings in 2022 from HPC and newly acquired Nakoso, along with the wind farm projects in Vietnam.
- Maintain BUY and our SoTP-based TP of THB20.

## Hongsa power plant rescues 2Q22 results

BPP's 2Q22 core net profit (NP) was THB1.25b, down 65% q-q, while 2Q22 NP came in at THB685m (-77% q-q), missing our estimate by 25% and the Bloomberg consensus estimate by 28%. The key factors were 1) an NP of THB32m from BLCP due to an FX loss of THB250m despite running at a high utilisation rate; 2) a THB50m net loss (NL) from the CHP plants in China due to the higher coal price; 3) THB1.3b in equity income from the Hongsa power plant (HPC), up 101% q-q due to a high running rate at 91%; 4) an NL of THB213m from Shan Xi Lu Guang due to the higher coal cost; 5) an NP of THB76m from the Nakoso power plant; 6) an NL of USD20.7m from Temple I gas-fired power plant in the US due to a hedging loss of USD31.9m; and 7) a THB396m share of loss from Banpu Next (not listed), driven mainly by the USD1.4m NL from the EI Wind Mui Dinh wind farm in Vietnam.

## Hedging losses spill over to Temple I

Under BPP's current portfolio of power plant assets, the once-lucrative power plant BLCP saw a weaker NP due to the structural decline in its availability payments. Meanwhile, the performances of its power plants in China were mixed, with CHP and SLG turning NLs caused by the higher coal cost. The new Nakoso power plant was profitable, but the Temple I plant incurred an NL in 2Q22 due to hedging losses despite an estimated quarterly NP contribution of THB0.3b to BPP, based on our estimates.

## Temple I could see hedging losses continue in 2H22

We expect strong core earnings in 2022 from HPC and the newly acquired Nakoso, along with the new wind farm projects in Vietnam (30MW), which should offset the weaker earnings from BLCP, CHP, and SLG, which we expect to continue to contribute net losses in 2H22 due to the high coal cost. The hedging losses for the Temple I plant led to an NL contribution to BPP, which we think could continue in 2H22.

## **Maintain BUY**

We maintain BUY and our SoTP-based TP of THB20 and expect BPP's ongoing business transformation to sustain its earnings while allowing it to raise its "green" NP proportion toward 20% in 2022 vs 13% in 2020.

## **KEY STOCK DATA**

YE Dec (THB m)	2021	2022E	2023E	2024E
Revenue	7,437	7,603	8,348	8,496
Net profit	3,127	5,438	5,623	5,617
EPS (THB)	1.03	1.78	1.84	1.84
vs Consensus (%)	-	(4.8)	4.1	3.1
EBITDA	(428)	1,966	2,484	3,384
Core net profit	2,609	5,438	5,623	5,617
Core EPS (THB)	0.86	1.78	1.84	1.84
EPS growth (%)	(38.4)	108.4	3.4	(0.1)
Core P/E (x)	17.9	8.6	8.3	8.3
Dividend yield (%)	4.2	5.2	5.2	5.2
EV/EBITDA (x)	(163.3)	33.4	24.9	17.1
Price/book (x)	1.0	1.0	0.9	0.8
Net debt/Equity (%)	39.0	28.1	19.4	11.0
ROE (%)	6.0	11.5	11.2	10.5



Share price performance	1 Month	3 Month	12 Month
Absolute (%)	5.5	(5.0)	(17.3)
Relative to country (%)	1.6	(4.6)	(21.1)
Mkt cap (USD m)			1,311
3m avg. daily turnover (USD m)			0.8
Free float (%)			21
Major shareholder		BANPU	Plc (79%)
12m high/low (THB)		1	9.50/14.00
Issued shares (m)			3,051.02

Sources: Bloomberg consensus; FSSIA estimates



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Exhibit 1: Summary of 2Q22 operations

	2Q21	1Q22		2Q22		6M21	6M22	Change	2022E
	(THB m)	(THB m)	(THB m)	(q-q %)	(y-y %)	(THB m)	(THB m)	(y-y %)	(THB m)
Revenue	861	3,936	4,488	14.0	421.3	2,803	8,424	200.5	7,603
Operating costs	(972)	(3,618)	(3,926)	8.5	303.8	(2,530)	(7,544)	198.2	(4,496)
EBITDA	(111)	318	562	76.5	nm	273	880	222.1	1,966
EBITDA margin (%)	(12.9)	8.1	12.5	nm	nm	9.7	10.4	nm	36.3
Depn & amort.	(119)	(299)	(309)	3.0	158.8	(229)	(608)	165.4	(1,392)
EBIT	(231)	19	253	1,250.3	nm	44	272	516.3	574
Interest expense	(41)	(166)	(195)	17.1	380.3	(73)	(361)	395.7	(393)
Interest & invt inc	97	84	82	(1.9)	nm	189	167	(12.0)	53
Other income	(1)	(772)	(944)	22.3	nm	(2)	(1,716)	nm	250
Associates' contrib	1,175	3,232	791	(75.5)	(32.7)	1,914	4,023	110.2	5,273
Exceptional	93	(22)	340	nm	265.5	153	318	107.7	-
Pretax profit	1,093	2,375	328	(86.2)	(70.0)	2,226	2,702	21.4	5,757
Tax	19	99	34	(66.1)	77.5	(75)	133	nm	(130)
Tax rate (%)	(1.7)	(4.2)	(10.3)	nm	nm	3.3	(4.9)	nm	2.3
Minority interests	14	445	324	(27.1)	2,230.6	8	769	nm	(189)
Net profit	1,126	2,918	685	(76.5)	(39.1)	2,160	3,604	66.8	5,438
Non-recurring	76	(669)	(567)	(15.2)	(848.7)	118	(1,236)	nm	-
Core net profit	1,050	3,587	1,252	(65.1)	19.3	2,042	4,839	137.0	5,438
EPS (THB)	0.37	0.96	0.22	(76.5)	(39.1)	0.71	1.18	66.8	1.78
Core EPS (THB)	0.34	1.18	0.41	(65.1)	19.3	0.67	1.59	137.0	1.78

Sources: BPP; FSSIA estimates

Exhibit 2: 2Q22/6M22 key performance results

	2Q21	1Q22	2Q22	Char	nge	6M21	6M22	Change
Gross profit	(THB m)	(THB m)	(THB m)	(q-q %)	(y-y %)	(THB m)	(THB m)	(y-y %)
Zhengding CHP	(87)	80	(63)	nm	(28)	112	17	(84.7)
Luannan CHP	40	49	(46)	nm	nm	167	4	(97.8)
Zouping CHP	(56)	54	60	12	nm	(32)	113	nm
Temple I	0	69	527	658	nm	0	596	nm
Total gross profit	(103)	252	478	90	nm	247	730	196.2
Gross profit margin (%)*	(%)	(%)	(%)	(ppt)	(ppt)	(%)	(%)	(ppt)
Zhengding CHP	(62)	11	(27)	(38)	35	(15)	(8)	7.0
Luannan CHP	9	4	(10)	(14)	(19)	13	(3)	(16.0)
Zouping CHP	(20)	7	8	1	28	(8)	8	15.0
Temple I	0	0	18	18	18	na	9	nm
GPM for Banpu Power Group	(12)	7	11	4	23	4	9	5.5
Share of profits (including FX gain/loss)	(THB m)	(THB m)	(THB m)	(q-q %)	(y-y %)	(THB m)	(THB m)	(y-y %)
BLCP	78	(83)	32	nm	(60)	125	(52)	nm
Hongsa	1,112	642	1,293	101	16	1,931	1,935	0.2
Nakoso IGCC	47	238	76	(68)	61	47	314	570.2
SLG	(42)	(254)	(213)	(16)	411	(41)	(466)	1,024.1
Banpu Next	(20)	2,688	(396)	nm	1,889	(148)	2,292	nm
Total share of profits (including FX gain/loss)	1,175	3,232	791	(76)	(33)	1,914	4,023	110.2
Total non-recurring items	(THB m)	(THB m)	(THB m)	(q-q %)	(y-y %)	(THB m)	(THB m)	(y-y %)
Non-recurring items	(11)	(6)	(7)	17	(30)	(22)	(14)	(36.7)
Income tax – non-core business	(3)	(3)	(3)	20	(8)	(5)	(6)	10.7
Deferred tax income/expenses	(3)	134	47	(65)	nm	(8)	181	nm
Gains (losses) on derivatives	0	(772)	(943)	22	nm	(1)	(1,715)	nm

\*Note: Change in margin % is represented in ppt change

Sources: BPP; FSSIA estimates

## **Financial Statements**

Banpu Power

Profit and Loss (THB m) Year Ending Dec	2020	2021	2022E	2023E	2024E
Revenue	6,152	7,437	7,603	8,348	8,496
Cost of goods sold	(3,453)	(6,762)	(4,496)	(4,945)	(4,178)
Gross profit	2,699	675	3,107	3,403	4,318
Other operating income	-	-	-	-	-
Operating costs	(946)	(1,103)	(1,140)	(918)	(935)
Operating EBITDA	1,753	(428)	1,966	2,484	3,384
Depreciation	(402)	(581)	(1,392)	(1,392)	(1,392)
Goodwill amortisation	0	0	0	0	0
Operating EBIT	1,351	(1,008)	574	1,092	1,991
Net financing costs	279	507	(341)	(252)	(172)
Associates	3,565	2,974	5,273	5,018	4,308
Recurring non-operating income	2,988	3,215	5,523	5,268	4,558
Non-recurring items	(535)	518	0	0	0
Profit before tax	4,084	3,232	5,757	6,108	6,377
Tax	(300)	(57)	(130)	(294)	(569)
Profit after tax	3,783	3,174	5,626	5,814	5,808
Minority interests	(81)	(47)	(189)	(191)	(190)
Preferred dividends	0	0	0	0	0
Other items	-	-	-	-	-
Reported net profit	3,702	3,127	5,438	5,623	5,617
Non-recurring items & goodwill (net)	535	(518)	0	0	0
Recurring net profit	4,237	2,609	5,438	5,623	5,617
Per share (THB)					
Recurring EPS *	1.39	0.86	1.78	1.84	1.84
Reported EPS	1.21	1.03	1.78	1.84	1.84
DPS	0.65	0.65	0.80	0.80	0.80
Diluted shares (used to calculate per share data)	3,051	3,048	3,048	3,048	3,048
Growth					
Revenue (%)	8.2	20.9	2.2	9.8	1.8
Operating EBITDA (%)	nm	nm	nm	26.4	36.2
Operating EBIT (%)	nm	nm	nm	90.3	82.3
Recurring EPS (%)	41.1	(38.4)	108.4	3.4	(0.1)
Reported EPS (%)	24.7	(15.5)	73.9	3.4	(0.1)
Operating performance					
Gross margin inc. depreciation (%)	37.3	1.3	22.6	24.1	34.4
Gross margin of key business (%)	28.6	8.2	22.6	24.1	34.4
Operating EBITDA margin (%)	28.5	(5.8)	25.9	29.8	39.8
Operating EBIT margin (%)	22.0	(13.6)	7.6	13.1	23.4
Net margin (%)	68.9	35.1	71.5	67.4	66.1
Effective tax rate (%)	58.0	22.3	27.0	27.0	27.5
Dividend payout on recurring profit (%)	46.8	75.9	44.8	43.4	43.4
Interest cover (X)	(15.5)	(4.4)	17.9	25.2	38.0
Inventory days	49.3	45.6	82.8	66.2	75.7
Debtor days	62.1	55.2	63.0	57.3	56.3
Creditor days	29.9	13.5	23.1	18.5	21.1
Operating ROIC (%)	9.0	1.0	(0.4)	(0.8)	(1.5)
ROIC (%)	8.1	(0.8)	(1.8)	(1.9)	(2.0)
ROE (%)	10.6	6.0	11.5	11.2	10.5
ROA (%)	8.3	4.4	7.3	7.2	6.9
* Pre exceptional, pre-goodwill and fully diluted					
Revenue by Division (THB m)	2020	2021	2022E	2023E	2024E
Power	6,152	7,437	7,603	8,348	8,496
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Sources: Banpu Power; FSSIA estimates

## **Financial Statements**

Banpu Power

Banpu Power					
Cash Flow (THB m) Year Ending Dec	2020	2021	2022E	2023E	2024
Recurring net profit	4,237	2,609	5,438	5,623	5,6
Depreciation	402	581	1,392	1,392	1,3
Associates & minorities	3,565	2,974	5,273	5,018	4,3
Other non-cash items	· -	-	· <u>-</u>	· <u>-</u>	
Change in working capital	(3,353)	(583)	192	(272)	
Cash flow from operations	4,852	5,581	12,295	11,761	11,3
Capex - maintenance	(101)	(102)	(1,000)	(1,000)	(1,00
Capex - new investment	(3,593)	(16,288)	(500)	(500)	(50
let acquisitions & disposals	(6,094)	(7,128)	1,000	1,000	1,0
Other investments (net)	4,178	3,487	5,523	5,268	4,5
Cash flow from investing	(5,610)	(20,031)	5,023	4,768	4,0
Dividends paid	(1,983)	(1,981)	(2,286)	(2,438)	(2,43
quity finance	0	(33)	0	0	
ebt finance	(1,091)	16,070	0	0	
ther financing cash flows	(668)	860	(10,608)	(10,095)	(8,67
ash flow from financing	(3,742)	14,916	(12,894)	(12,533)	(11,11
lon-recurring cash flows	-	-	-	-	
other adjustments	0	0	0	0	
et other adjustments	0	0	0	0	
lovement in cash	(4,500)	466	4,425	3,996	4,3
ree cash flow to firm (FCFF)	(514.47)	(14,200.63)	17,712.28	16,922.06	15,832.
ree cash flow to equity (FCFE)	(2,516.46)	2,479.63	6,711.00	6,434.08	6,763.
er share (THB)					
CFF per share	(0.17)	(4.65)	5.81	5.55	5.
CFE per share	(0.82)	0.81	2.20	2.11	2.
ecurring cash flow per share	2.69	2.02	3.97	3.95	3.
alance Sheet (THB m) Year Ending Dec	2020	2021	2022E	2023E	202
angible fixed assets (gross)	13,876	31,070	31,570	32,070	32,5
ess: Accumulated depreciation	(5,875)	(7,259)	(8,651)	(10,043)	(11,43
angible fixed assets (net)	8,001	23,811	22,919	22,027	21,1
ntangible fixed assets (net)	38	42	42	42	21,1
ong-term financial assets	-		-	-	
vest. in associates & subsidiaries	26,639	33,766	33,766	33,766	33,7
ash & equivalents	2,169	2,635	7,060	11,056	15,3
/C receivable	938	1,311	1,311	1,311	1,3
nventories	505	1,186	854	939	7
Other current assets	3,907	4,750	4,856	5,332	5,4
Current assets	7,519	9,883	14,082	18,638	22,9
Other assets	7,366	7,364	7,364	7,364	7,3
otal assets	49,563	74,867	78,174	81,838	85,2
Common equity	41,109	45,635	48,787	51,972	55,1
finorities etc.	869	3,944	4,133	4,324	4,5
otal shareholders' equity	41,978	49,579	52,920	56,296	59,6
ong term debt	3,481	13,965	13,965	13,965	13,9
Other long-term liabilities	37	354	354	354	3
ong-term liabilities	3,518	14,319	14,319	14,319	14,3
/C payable	170	331	238	262	2
hort term debt	2,405	7,991	7,991	7,991	7,9
other current liabilities	1,492	2,647	2,706	2,971	3,0
urrent liabilities	4,067	10,968	10,935	11,223	11,2
otal liabilities and shareholders' equity	49,563	74,867	78,174	81,838	85,2
let working capital	3,687	4,270	4,078	4,350	4,2
nvested capital	45,731	69,254	68,170	67,550	66,5
Includes convertibles and preferred stock which is be	ing treated as debt				
er share (THB)					
ook value per share	13.47	14.97	16.01	17.05	18
angible book value per share	13.46	14.96	15.99	17.04	18
inancial strength	10.10				
et debt/equity (%)	8.9	39.0	28.1	19.4	1
let debt/total assets (%)	7.5	25.8	19.1	13.3	٠.
urrent ratio (x)	1.8	0.9	1.3	1.7	:
F interest cover (x)	(2.9)	(36.1)	22.2	28.5	4:
aluation	2020	2021	2022E	2023E	202
ecurring P/E (x) *	11.0	17.9	8.6	8.3	
ecurring P/E (x) * ecurring P/E @ target price (x) *	14.4	23.4	11.2	10.8	1
eported P/E (x)	12.6	14.9	8.6	8.3	•
vividend yield (%)	4.2	4.2	5.2	5.2	
rice/book (x)	4.2 1.1	4.2 1.0	5.2 1.0	5.2 0.9	:
rice/book (x)	1.1	1.0	1.0	0.9	
V/EBITDA (x) **	29.2	(163.3)	33.4	24.9	1
V/EBITDA (x) V/EBITDA @ target price (x) **	29.2 37.4	(196.8)	40.7	30.7	2
		1130.01	+U./	50.7	
V/invested capital (x)	1.1	1.0	1.0	0.9	

Sources: Banpu Power; FSSIA estimates

Banpu Power

## Corporate Governance report of Thai listed companies 2021

tribickouse der di Sudmat CC Committee	B yayiin ka uu alianii yayiin ka uu alianii oo ka uu ahaa oo ka ahaa oo ka ahaa oo ka	EX	CELLENT LE	EVEL – Score	range 90-100					
AAV	BCPG	CPALL	GCAP	К	MSC	PLANET	SAMART	SPI	THRE	TVD
ADVANC	BDMS	CPF	GFPT	KBANK	MST	PLAT	SAMTEL	SPRC	THREL	TVI
F	BEM	CPI	GGC	KCE	MTC	PORT	SAT	SPVI	TIPCO	TVO
Н	BGC	CPN	GLAND	KKP	MVP	PPS	SC	SSSC	TISCO	TWPC
IRA	BGRIM	CRC	GLOBAL	KSL	NCL	PR9	SCB	SST	TK	U
KP	BIZ	CSS	GPI	KTB	NEP	PREB	SCC	STA	TKT	UAC
KR	BKI	DDD	GPSC	KTC	NER	PRG	SCCC	STEC	TMT	UBIS
LT	BOL	DELTA	GRAMMY	LALIN	NKI	PRM	SCG	STI	TNDT	UV
MA	BPP	DEMCO	GULF	LANNA	NOBLE	PROUD	SCGP	SUN	TNITY	VGI
MATA	BRR	DRT	GUNKUL	LH	NSI	PSH	SCM	SUSCO	TOA	VIH
MATAV	BTS	DTAC	HANA	LHFG	NVD	PSL	SDC	SUTHA	TOP	WACOAL
NAN	BTW	DUSIT	HARN	LIT	NWR	PTG	SEAFCO	SVI	TPBI	WAVE
OT	BWG	EA	HMPRO	LPN	NYT	PTT	SEAOIL	SYMC	TQM	WHA
NP	CENTEL	EASTW	ICC	MACO	OISHI	PTTEP	SE-ED	SYNTEC	TRC	WHAUP
RIP	CFRESH	ECF	ICHI	MAJOR	OR	PTTGC	SELIC	TACC	TRU	WICE
RROW	CHEWA	ECL	III	MAKRO	ORI	PYLON	SENA	TASCO	TRUE	WINNER
SP	СНО	EE	ILINK	MALEE	OSP	Q-CON	SHR	TCAP	TSC	ZEN
UCT	CIMBT	EGCO	ILM	MBK	ОТО	QH	SIRI	TEAMG	TSR	
WC	CK	EPG	INTUCH	MC	PAP	QTC	SIS	TFMAMA	TSTE	
YUD	CKP	ETC	IP	MCOT	PCSGH	RATCH	SITHAI	TGH	TSTH	
AFS	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	
CP	COTTO	GC	JWD	MOONG	PLANB	SABINA	SPALI	THIP	TU	
VERY GOOD LEVEL – Score range 80-89										
S	ASIMAR	CHOW	FLOYD	IT	LOXLEY	OCC	RPC	SKY	TCC	TVT
UP	ASK	CI	FN	ITD	LRH	OGC	RT	SLP	TCMC	TWP
BICO	ASN	CIG	FNS	J	LST	PATO	RWI	SMIT	TEAM	UEC
.BM	ATP30	CMC	FORTH	JAS	M	РВ	S11	SMT	TFG	UMI
CE	В	COLOR	FSS	JCK	MATCH	PICO	SA	SNP	TFI	UOBKH
.CG	BA	CPL	FTE	JCKH	MBAX	PIMO	SAK	SO	TIGER	UP
DB	BAM	CPW	FVC	JMART	MEGA	PJW	SALEE	SORKON	TITLE	UPF
EONTS	BC	CRD	GEL	JMT	META	PL	SAMCO	SPA	TKN	UPOIC
					MFC				TKS	
GE	BCH	CSC	GENCO	KBS		PM	SANKO	SPC		UTP
HC	BEC	CSP	GJS	KCAR	MGT	PMTA	SAPPE	SPCG	TM	VCOM
JT	BEYOND	CWT	GYT	KEX	MICRO	PPP	SAWAD	SR	TMC	VL VD0
LL	BFIT	DCC	HEMP	KGI	MILL	PPPM	SCI	SRICHA	TMD	VPO
LLA	BJC	DCON	HPT	KIAT	MITSIB	PRIME	SCN	SSC	TMI	VRANDA
LUCON	BJCHI	DHOUSE	HTC	KISS	MK	PRIN	SCP	SSF	TMILL	WGE
MANAH	BLA	DOD	HYDRO	KOOL	MODERN	PRINC	SE	STANLY	TNL	WIIK
MARIN	BR	DOHOME	ICN	KTIS	MTI	PSG	SFLEX	STGT	TNP	WP
PCO	BROOK	DV8	IFS	KUMWEL	NBC	PSTC	SFP	STOWER	TOG	XO
.PCS	CBG	EASON	IMH	KUN	NCAP	PT	SFT	STPI	TPA	XPG
PURE	CEN	EFORL	IND	KWC	NCH	QLT	SGF	SUC	TPAC	YUASA
QUA	CGH	ERW	INET	KWM	NETBAY	RBF	SIAM	SWC	TPCS	10/10/1
SAP	CHARAN	ESSO	INSET	L&E	NEX	RCL	SINGER	SYNEX	TPS	
SEFA	CHAYO	ESTAR	INSURE	LDC	NINE	RICHY	SKE	TAE	TRITN	
SIA	CHG	ETE	IRC	LEO	NRF	RML	SKN	TAKUNI	TRT	
SIAN  Wilder markers in unwinder markers in the CV Committee Vallant CV Committee CV	CHOTI		IRCP DOD LEVEL -			ROJNA	SKR	TBSP	TSE	
	BGT	CITY	GIFT	JTS	MDX	PK	SGP	SUPER	TQR	YGG
I	BH	CMAN	GLOCON	JUBILE	MJD	PLE	SICT	SVOA	TTI	ZIGA
ΙE	BIG	СМО	GREEN	KASET	MORE	PPM	SIMAT	TC	TYCN	
J	BLAND	CMR	GSC	KCM	MUD	PRAKIT	SISB	TCCC	UKEM	
LPHAX	BM	CPT	GTB	KK	NC	PRAPAT	SK	THMUI	UMS	
MC	BROCK	CRANE	HTECH	KKC	NDR	PRECHA	SMART	TNH	UNIQ	
PP	BSBM	CSR	HUMAN	KWI	NFC	PTL	SOLAR		UPA	
								TNR		
Q	BSM	D	IHL	KYE	NNCL	RJH	SPACK	TOPP	UREKA	
RIN	BTNC	EKH	IIG	LEE	NOVA	RP	SPG	TPCH	VIBHA	
S	BYD	EMC	INGRS	LPH	NPK	RPH	SQ	TPIPL	W	
U	CAZ	EP	INOX	MATI	NUSA	RSP	SSP	TPIPP	WIN	
352	CCP	F&D	JAK	M-CHAI	PAF	SABUY	STARK	TPLAS	WORK	

#### 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.

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

<sup>\*</sup> 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

## **Anti-corruption Progress Indicator**

CERTIFIED										
2S	ВСН	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
Al	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	SEAOIL	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	
В	CIG	FPI	INTUCH	MATCH	PAP	PTT	SITHAI	TCMC	TSC	
BAFS	CIMBT	FPT	IRC	MBAX	PATO	PTTEP	SKR	TFG	TSTE	
BAM	СМ	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 QH	SNC	THANI	TTCL	
DECLARED		JDA	UNIN	IVILIA	1 00	QII	ONO	HAN	TIOL	_
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	210/1
B52	CPW	ECF	III	KUMWEL	NOVA	PIMO	SCM	TKN	VARO	
BEC	CPW	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

## Suwat Sinsadok, CFA, FRM, ERP FSS International Investment Advisory Securities Co., Ltd

The individual(s) identified above certify(ies) that (i) all views expressed in this report accurately reflect the personal view of the analyst(s) with regard to any and all of the subject securities, companies or issuers mentioned in this report; and (ii) no part of the compensation of the analyst(s) was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed herein.

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## History of change in investment rating and/or target price



Date	Rating	Target price	Date	Rating	Target price	Date	Rating	Target price
13-Aug-2019 21-Feb-2020 17-Jun-2020	HOLD HOLD HOLD	23.00 14.40 17.00	06-Aug-2020 26-Jan-2021 13-Jul-2021	HOLD BUY BUY	15.20 22.00 23.00	02-Feb-2022	BUY	20.00

Suwat Sinsadok, CFA, FRM, ERP started covering this stock from 17-Jun-2020

Price and TP are in local currency

Source: FSSIA estimates

Company	Ticker	Price	Rating	Valuation & Risks
Banpu Power	BPP TB	THB 15.30	BUY	Downside risks to our SOTP valuation are the start-up delays of its new projects and government intervention in the electricity tariff.

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 10-Aug-2022 unless otherwise stated.

## RECOMMENDATION STRUCTURE

## Stock ratings

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