

ELECTRICITY GENERATING

EGCO TB

THAILAND / UTILITIES - CONVENTIONAL

BUY

UNCHANGED

Weak hydro earnings hurt 4Q21

- 4Q21 NP of THB923m (-15% q-q, -49% y-y); 4Q21 core NP was THB326m, down 88% q-q but up from an NL of THB383m in 4Q20.
- XPCL's and NTPC's NPs plunged significantly in 4Q21 due to the seasonally lower water levels.
- Maintain BUY and our SoTP-based TP of THB245.

TARGET PRICE	THB245.00
CLOSE	THB179.50
UP/DOWNSIDE	+36.5%
TP vs CONSENSUS	+3.7%

KEY STOCK DATA

YE Dec (THB m)	2021	2022E	2023E	2024E
Revenue	35,903	36,906	37,949	24,206
Net profit	4,104	17,081	17,231	10,228
EPS (THB)	7.80	32.44	32.73	19.43
vs Consensus (%)	-	41.4	39.0	-
EBITDA	8,821	14,848	15,153	8,244
Core net profit	6,935	17,081	17,231	10,228
Core EPS (THB)	13.17	32.44	32.73	19.43
Chg. In EPS est. (%)	nm	0.0	4.2	nm
EPS growth (%)	(11.8)	146.3	0.9	(40.6)
Core P/E (x)	13.6	5.5	5.5	9.2
Dividend yield (%)	5.8	4.7	4.7	4.7
EV/EBITDA (x)	20.6	11.7	10.8	19.2
Price/book (x)	0.8	0.8	0.7	0.7
Net debt/Equity (%)	75.7	62.2	49.0	43.4
ROE (%)	6.4	14.3	13.1	7.3

Weak 4Q21 results due to weak hydropower earnings

EGCO posted a 4Q21 net profit (NP) of THB923m, down 15% q-q and 49% y-y. Excluding an FX gain of THB557m and other non-operating items, 4Q21 core NP was THB326m, down 88% q-q but up from a net loss (NL) of THB383m in 4Q20 – missing our forecast by 15% and BBG consensus by 27%. Key drivers were weaker NPs from BLCPL, GPG, XPCL, NTPC, SBPL, and its SPPs, which were partly offset by strong earnings from KEGCO, Paju, Quezon, and VSPPs. 4Q21 revenue rose to THB11.3b (+53% y-y, +30% q-q) due to a y-y higher electricity average selling price and a higher sale volume, mostly from KEGCO.

A mixed bag of operating performance in 4Q21

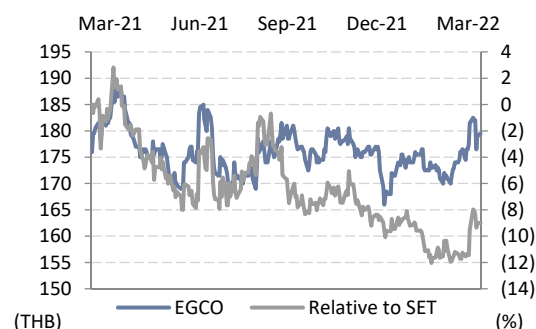
EGCO's 4Q21 core NP of THB326m was dragged down by the share of profits from XPCL (THB26m), NTPC (THB115m), SPPs (THB265m), BLCPL (THB18m), NTPC (THB115m), IPPs overseas (THB243m), SPPs (THB265m), and SBPL (THB13m). Meanwhile, KEGCO (THB651m), Paju (THB135m), Quezon (THB966m), VSPPs (THB307m), and other businesses (THB610m) had stronger profits. XPCL's and NTPC's NPs plunged significantly in 4Q21 due to the seasonally lower water levels.

Earnings growth from new projects in 2022

We project EGCO's core NP to improve in 2022, driven by 1) Paju's 1.8GW gas-fired power plant in South Korea, given the upcoming higher seasonal demand; 2) XPCL (EGCO holds 12.5%)'s 1.28GW hydropower plant and NTPC due to the high water levels driving up capacity factors; 3) Gangdong (EGCO holds 49%)'s 19.8MW fuel cell power plant in South Korea (COD in Oct-20); 4) Yunlin's 640MW offshore wind farm in Taiwan (Yunlin, 25%, COD 3Q21); 5) Thai Pipeline Network (TPN, 44.6%, COD 4Q21); 6) Apex, acquired in 4Q21, which does renewable projects in the US; and 7) Nam Theun 1's 644MW hydropower plant (NT1PC, EGCO holds 25%) in Laos (COD in 2Q22).

A good defensive power play

We maintain BUY and our SoTP-based TP of THB245. While the FX impact could continue to result in highly volatile reported quarterly NPs, we think EGCO's core NP should remain resilient in 2022-23 thanks to the projected earnings recoveries for its power plants.



Share price performance	1 Month	3 Month	12 Month
Absolute (%)	5.6	8.1	6.2
Relative to country (%)	3.3	0.7	(5.7)
Mkt cap (USD m)	2,895		
3m avg. daily turnover (USD m)	6.9		
Free float (%)	50		
Major shareholder	EGAT (25%)		
12m high/low (THB)	190.00/165.50		
Issued shares (m)	526.47		

Sources: Bloomberg consensus; FSSIA estimates



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Exhibit 1: Summary of 4Q21/2021 operations

	4Q20	3Q21	4Q21			2020	2021	Chg.
	(THB m)	(THB m)	(THB m)	(q-q %)	(y-y %)	(THB m)	(THB m)	(y-y %)
Revenue	7,435	8,743	11,345	29.8	52.6	33,578	35,903	6.9
Operating costs	(5,566)	(6,488)	(8,897)	37.1	59.8	(22,126)	(24,436)	10.4
EBITDA	1,868	2,255	2,448	8.6	31.0	8,838	8,821	(0.2)
<i>EBITDA margin (%)</i>	25.1	25.8	21.6	<i>nm</i>	<i>nm</i>	26.3	24.6	<i>nm</i>
Deprn & amort.	(784)	(798)	(800)	0.4	2.1	(3,131)	(3,124)	(0.2)
EBIT	1,084	1,458	1,648	13.0	52.0	5,707	5,697	(0.2)
Interest expense	741	(3,735)	(364)	(90.3)	<i>nm</i>	(4,221)	(8,248)	95.4
Interest & invt inc	-	-	-	<i>nm</i>	<i>nm</i>	-	-	<i>nm</i>
Other income	1,810	515	692	34.6	(61.7)	1,729	2,659	53.8
Associates' contrib	(131)	2,387	571	(76.1)	<i>nm</i>	5,699	7,499	31.6
Exceptional	(1,514)	931	(1,467)	<i>nm</i>	(3.1)	868	(2,831)	<i>nm</i>
Pretax profit	1,990	1,556	1,081	(30.5)	(45.7)	9,782	4,776	(51.2)
Tax	(173)	(470)	(144)	(69.4)	(17.1)	(1,022)	(659)	(35.5)
<i>Tax rate (%)</i>	8.7	30.2	13.3	<i>nm</i>	<i>nm</i>	10.4	13.8	<i>nm</i>
Minority interests	(13)	-	(15)	<i>nm</i>	15.9	(27)	(13)	(50.8)
Net profit	1,804	1,085	923	(15.0)	(48.9)	8,733	4,104	(53.0)
Non-recurring	2,187	(1,704)	597	<i>nm</i>	(72.7)	868	(2,831)	<i>nm</i>
Core net profit	(383)	2,789	326	(88.3)	<i>nm</i>	7,865	6,935	(11.8)
EPS (THB)	3.43	2.06	1.75	(15.0)	(48.9)	16.59	7.80	(53.0)
Core EPS (THB)	(0.73)	5.30	0.62	(88.3)	<i>nm</i>	14.94	13.17	(11.8)

Sources: EGCO; FSSIA estimates

Exhibit 2: 4Q21/2021 key performance

Operating profit	4Q20	3Q21	4Q21	(q-q%)	(y-y%)	2020	2021	(y-y%)
IPP (Domestic)								
KEGCO	245	103	651	532.0	165.7	1,353	1,264	(6.6)
BLCP	(126)	102	18	(82.4)	<i>nm</i>	448	359	(19.9)
GPG	129	272	110	(59.6)	(14.7)	1,080	934	(13.5)
IPP (Overseas)								
Paju ES	64	107	135	26.2	110.9	1,227	952	(22.4)
XPCL	40	277	26	(90.6)	(35.0)	110	439	299.1
Quezon	757	865	966	11.7	27.6	3,243	3,676	13.4
NTPC	176	641	115	(82.1)	(34.7)	1,269	1,367	7.7
SBPL	221	353	13	(96.3)	(94.1)	624	793	27.1
IPP (Other Overseas)								
NT1PC, BRWF, SEG, SEGSD, GDFC and Yunlin	(43)	588	243	(58.7)	<i>nm</i>	766	1,327	73.2
SPP								
EGCO Cogen, RG, BPU, KLU, CWF, GYG, NKCC and NED	223	382	265	(30.6)	18.8	1,172	1,258	7.3
VSPP								
SPP2, SPP3, SPP4, SPP5, TWF, Solarco and GPS	260	266	307	15.4	18.1	1,182	1,246	5.4
Other Businesses								
ESCO, PEPOI, QMS, MME, EE and TPN	108	262	610	132.8	464.8	239	1,150	381.2

Source: EGCO

Financial Statements

Electricity Generating

Profit and Loss (THB m) Year Ending Dec	2020	2021	2022E	2023E	2024E
Revenue	33,578	35,903	36,906	37,949	24,206
Cost of goods sold	(22,126)	(24,436)	(19,844)	(20,519)	(14,509)
Gross profit	11,451	11,467	17,062	17,430	9,697
Other operating income	-	-	-	-	-
Operating costs	(2,613)	(2,646)	(2,214)	(2,277)	(1,452)
Operating EBITDA	8,838	8,821	14,848	15,153	8,244
Depreciation	(3,131)	(3,124)	(2,662)	(2,724)	(2,787)
Goodwill amortisation	0	0	0	0	0
Operating EBIT	5,707	5,697	12,186	12,429	5,457
Net financing costs	(3,360)	(7,178)	(4,784)	(4,303)	(3,800)
Associates	4,838	6,428	8,316	8,018	6,841
Recurring non-operating income	6,567	9,088	11,116	10,608	9,431
Non-recurring items	868	(2,831)	0	0	0
Profit before tax	9,782	4,776	18,518	18,734	11,088
Tax	(1,022)	(659)	(1,247)	(1,298)	(698)
Profit after tax	8,760	4,117	17,271	17,436	10,390
Minority interests	(27)	(13)	(190)	(205)	(162)
Preferred dividends	0	0	0	0	0
Other items	-	-	-	-	-
Reported net profit	8,733	4,104	17,081	17,231	10,228
Non-recurring items & goodwill (net)	(868)	2,831	0	0	0
Recurring net profit	7,865	6,935	17,081	17,231	10,228
Per share (THB)					
Recurring EPS *	14.94	13.17	32.44	32.73	19.43
Reported EPS	16.59	7.80	32.44	32.73	19.43
DPS	8.50	10.50	8.50	8.50	8.50
Diluted shares (used to calculate per share data)	526	526	526	526	526
Growth					
Revenue (%)	(10.5)	6.9	2.8	2.8	(36.2)
Operating EBITDA (%)	(4.6)	(0.2)	68.3	2.1	(45.6)
Operating EBIT (%)	(8.0)	(0.2)	113.9	2.0	(56.1)
Recurring EPS (%)	(20.9)	(11.8)	146.3	0.9	(40.6)
Reported EPS (%)	(33.1)	(53.0)	316.2	0.9	(40.6)
Operating performance					
Gross margin inc. depreciation (%)	24.8	23.2	39.0	38.8	28.5
Gross margin of key business (%)	24.8	23.2	39.0	38.8	28.5
Operating EBITDA margin (%)	26.3	24.6	40.2	39.9	34.1
Operating EBIT margin (%)	17.0	15.9	33.0	32.8	22.5
Net margin (%)	23.4	19.3	46.3	45.4	42.3
Effective tax rate (%)	20.7	-39.9	12.2	12.1	16.4
Dividend payout on recurring profit (%)	56.9	79.7	26.2	26.0	43.8
Interest cover (X)	3.7	2.1	4.9	5.4	3.9
Inventory days	-	-	-	-	-
Debtor days	45.8	60.3	81.2	101.6	188.6
Creditor days	43.5	51.5	73.0	64.3	79.0
Operating ROIC (%)	7.3	13.3	18.0	17.4	7.1
ROIC (%)	5.2	10.3	9.6	9.4	5.7
ROE (%)	7.6	6.4	14.3	13.1	7.3
ROA (%)	5.0	7.4	8.9	8.7	5.6
* Pre-exceptional, pre-goodwill and fully diluted					
Revenue by Division (THB m)					
Electricity generation	32,654	34,975	35,989	37,032	23,288
Other business	924	928	917	917	917

Sources: Electricity Generating; FSSIA estimates

Financial Statements

Electricity Generating

Cash Flow (THB m) Year Ending Dec	2020	2021	2022E	2023E	2024E
Recurring net profit	7,865	6,935	17,081	17,231	10,228
Depreciation	3,131	3,124	2,662	2,724	2,787
Associates & minorities	4,838	6,428	8,316	8,018	6,841
Other non-cash items	-	-	-	-	-
Change in working capital	(3,935)	(5,219)	(3,286)	(2,413)	(521)
Cash flow from operations	11,900	11,267	24,772	25,560	19,335
Capex - maintenance	(3,131)	(2,602)	(2,662)	(2,724)	(2,787)
Capex - new investment	(3,032)	(369)	(338)	(276)	(213)
Net acquisitions & disposals	(9,331)	(23,140)	0	0	0
Other investments (net)	10,714	(4,670)	8,316	8,018	6,841
Cash flow from investing	(4,780)	(30,781)	5,316	5,018	3,841
Dividends paid	(3,253)	(3,252)	(5,528)	(4,475)	(4,475)
Equity finance	0	0	0	0	0
Debt finance	3,108	16,375	(10,000)	(10,000)	(10,000)
Other financing cash flows	(10,226)	7,051	(16,441)	(15,830)	(13,521)
Cash flow from financing	(10,370)	20,175	(31,969)	(30,305)	(27,996)
Non-recurring cash flows	-	-	-	-	-
Other adjustments	0	0	0	0	0
Net other adjustments	0	0	0	0	0
Movement in cash	(3,251)	661	(1,881)	273	(4,819)
Free cash flow to firm (FCFF)	11,340.31	(11,265.35)	35,051.36	35,041.16	27,139.49
Free cash flow to equity (FCFE)	1.90	3,912.76	3,647.06	4,747.68	(344.40)

Per share (THB)	2020	2021	2022E	2023E	2024E
FCFF per share	21.54	(21.40)	66.58	66.56	51.55
FCFE per share	0.00	7.43	6.93	9.02	(0.65)
Recurring cash flow per share	30.08	31.32	53.30	53.13	37.72

Balance Sheet (THB m) Year Ending Dec	2020	2021	2022E	2023E	2024E
Tangible fixed assets (gross)	76,050	80,369	83,369	86,369	89,369
Less: Accumulated depreciation	(26,300)	(30,772)	(33,434)	(36,158)	(38,945)
Tangible fixed assets (net)	49,750	49,597	49,935	50,211	50,424
Intangible fixed assets (net)	10,907	9,699	9,699	9,699	9,699
Long-term financial assets	-	-	-	-	-
Invest. in associates & subsidiaries	96,612	119,752	119,752	119,752	119,752
Cash & equivalents	17,237	17,898	16,017	16,289	11,470
A/C receivable	4,811	7,060	9,371	11,748	13,264
Inventories	0	0	0	0	0
Other current assets	12,864	13,538	13,916	14,309	9,127
Current assets	34,911	38,495	39,304	42,347	33,861
Other assets	22,257	24,388	24,388	24,388	24,388
Total assets	214,438	241,932	243,079	246,397	238,124
Common equity	102,243	113,441	124,994	137,749	143,503
Minorities etc.	591	596	786	991	1,153
Total shareholders' equity	102,834	114,037	125,780	138,741	144,655
Long term debt	76,716	89,747	79,747	69,747	59,747
Other long-term liabilities	18,597	11,129	11,129	11,129	11,129
Long-term liabilities	95,313	100,876	90,876	80,876	70,876
A/C payable	2,510	4,380	3,557	3,678	2,601
Short term debt	11,170	14,514	14,514	14,514	14,514
Other current liabilities	2,610	8,125	8,352	8,588	5,478
Current liabilities	16,290	27,019	26,423	26,780	22,593
Total liabilities and shareholders' equity	214,438	241,932	243,079	246,397	238,124
Net working capital	12,555	8,093	11,378	13,792	14,313
Invested capital	192,081	211,529	215,153	217,842	218,576

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

Per share (THB)	2020	2021	2022E	2023E	2024E
Book value per share	194.21	215.48	237.42	261.65	272.58
Tangible book value per share	173.49	197.05	219.00	243.23	254.15

Financial strength	2020	2021	2022E	2023E	2024E
Net debt/equity (%)	68.7	75.7	62.2	49.0	43.4
Net debt/total assets (%)	32.9	35.7	32.2	27.6	26.4
Current ratio (x)	2.1	1.4	1.5	1.6	1.5
CF interest cover (x)	1.9	1.6	1.8	2.2	1.0

Valuation	2020	2021	2022E	2023E	2024E
Recurring P/E (x) *	12.0	13.6	5.5	5.5	9.2
Recurring P/E @ target price (x) *	16.4	18.6	7.6	7.5	12.6
Reported P/E (x)	10.8	23.0	5.5	5.5	9.2
Dividend yield (%)	4.7	5.8	4.7	4.7	4.7
Price/book (x)	0.9	0.8	0.8	0.7	0.7
Price/tangible book (x)	1.0	0.9	0.8	0.7	0.7
EV/EBITDA (x) **	18.8	20.6	11.7	10.8	19.2
EV/EBITDA @ target price (x) **	22.7	24.5	14.0	13.1	23.4
EV/invested capital (x)	0.9	0.9	0.8	0.8	0.7

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

Sources: Electricity Generating; FSSIA estimates

Corporate Governance report of Thai listed companies 2020

EXCELLENT LEVEL										
AAV	ADVANC	AF	AIRA	AKP	AKR	ALT	AMA	AMATA	AMATAV	ANAN
AOT	AP	ARIP	ARROW	ASP	BAFS	BANPU	BAY	BCP	BCPG	BDMS
BEC	BEM	BGRIM	BIZ	BKI	BLA	BOL	BPP	BRR	BTS	BWG
CENTEL	CFRESH	CHEWA	CHO	CIMBT	CK	CKP	CM	CNT	COL	COMAN
COTTO	CPALL	CPF	CPI	CPN	CSS	DELTA	DEMCO	DRT	DTAC	DTC
DV8	EA	EASTW	ECF	ECL	EGCO	EPG	ETE	FNS	FPI	FPT
FSMART	GBX	GC	GCAP	GEL	GFPT	GGC	GPSC	GRAMMY	GUNKUL	HANA
HARN	HMPRO	ICC	ICHI	III	ILINK	INTUCH	IRPC	IVL	JKN	JSP
JWD	K	KBANK	KCE	KKP	KSL	KTB	KTC	LANNA	LH	LHFG
LIT	LPN	MAKRO	MALEE	MBK	MBKET	MC	MCOT	METCO	MFEC	MINT
MONO	MOONG	MSC	MTC	NCH	NCL	NEP	NKI	NOBLE	NSI	NVD
NYT	OISHI	ORI	OTO	PAP	PAP	PCSGH	PDJ	PG	PHOL	PLANB
PLAT	PORT	PPS	PR9	PREB	PRG	PRM	PSH	PSL	PTG	PTT
PTTEP	PTTGC	PYLON	Q-CON	QH	QTC	RATCH	RS	S	S & J	SAAM
SABINA	SAMART	SAMTEL	SAT	SC	SCB	SCC	SCCC	SCG	SCN	SDC
SEAFCO	SEAOIL	SE-ED	SELIC	SENA	SIRI	SIS	SITHAI	SMK	SMPC	SNC
SONIC	SORKON	SPALI	SPI	SPRC	SPVI	SSSC	SST	STA	SUSCO	SUTHA
SVI	SYMC	SYNTEC	TACC	TASCO	TCAP	TFMAMA	THANA	THANI	THCOM	THG
THIP	THRE	THREL	TIP	TIPCO	TISCO	TK	TKT	TTB	TMILL	TNDT
TNL	TOA	TOP	TPBI	TQM	TRC	TRC	TSC	TSR	TSTE	TSTH
TTCL	TTW	TU	TVD	TVI	TVO	TWPC	U	UAC	UBIS	UV
VGI	VIH	WACOAL	WAVE	WHA	WHAUP	WICE	WINNER	TRUE		

VERY GOOD LEVEL										
2S	ABM	ACE	ACG	ADB	AEC	AEONTS	AGE	AH	AHC	AIT
ALLA	AMANAHA	AMARIN	APCO	APCS	APURE	AQUA	ASAP	ASEFA	ASIA	ASIAN
ASIMAR	ASK	ASN	ATP30	AUCT	AWC	AYUD	B	BA	BAM	BBL
BFIT	BGC	BJC	BJCHI	BROOK	BTW	CBG	CEN	CGH	CHARAN	CHAYO
CHG	CHOTI	CHOW	CI	CIG	CMC	COLOR	COM7	CPL	CRC	CRD
CSC	CSP	CWT	DCC	DCON	DDD	DOD	DOHOME	EASON	EE	ERW
ESTAR	FE	FLOYD	FN	FORTH	FSS	FTE	FVC	GENCO	GJS	GL
GLAND	GLOBAL	GLOCON	GPI	GULF	GYT	HPT	HTC	ICN	IFS	ILM
IMH	INET	INSURE	IRC	IRCP	IT	ITD	ITEL	J	JAS	JCK
JCKH	JMART	JMT	KBS	KCAR	KGI	KIAT	KOOL	KTIS	KWC	KWM
L&E	LALIN	LDC	LHK	LOXLEY	LPH	LRH	LST	M	MACO	MAJOR
MBAX	MEGA	META	MFC	MGT	MILL	MITISB	MK	MODERN	MTI	MVP
NETBAY	NEX	NINE	NTV	NWR	OCC	OGC	OSP	PATO	PB	PDG
PDI	PICO	PIMO	PJW	PL	PM	PPP	PRIN	PRINC	PSTC	PT
QLT	RCL	RICHY	RML	RPC	RWI	S11	SALEE	SAMCO	SANKO	SAPPE
SAWAD	SCI	SCP	SE	SEG	SFP	SGF	SHR	SIAM	SINGER	SKE
SKR	SKY	SMIT	SMT	SNP	SPA	SPC	SPCG	SR	SRICHA	SSC
SSF	STANLY	STI	STPI	SUC	SUN	SYNEX	T	TAE	TAKUNI	TBSP
TCC	TCMC	TEAM	TEAMG	TFG	TIGER	TITLE	TKN	TKS	TM	TMC
TMD	TMI	TMT	TNITY	TNP	TNR	TOG	TPA	TPAC	TPCORP	TPOLY
TPS	TRITN	TRT	TRU	TSE	TVT	TWP	UEC	UMI	UOBKH	UP
UPF	UPOIC	UT	UTP	UWC	VL	VNT	VPO	WIJK	WP	XO
YUASA	ZEN	ZIGA	ZMICO							

GOOD LEVEL										
7UP	A	ABICO	AJ	ALL	ALUCON	AMC	APP	ARIN	AS	AU
B52	BC	BCH	BEAUTY	BGT	BH	BIG	BKD	BLAND	BM	BR
BROCK	BSBM	BSM	BTNC	CAZ	CCP	CGD	CITY	CMAN	CMO	CMR
CPT	CPW	CRANE	CSR	D	EKH	EP	ESSO	FMT	GIFT	GREEN
GSC	GTB	HTECH	HUMAN	IHL	INOX	INSET	IP	JTS	JUBILE	KASET
KCM	KKC	KUMWEL	KUN	KWG	KYE	LEE	MATCH	MATI	M-CHAI	MCS
MDX	MJD	MM	MORE	NC	NDR	NER	NFC	NNCL	NPK	NUSA
OCEAN	PAF	PF	PK	PLE	PMTA	POST	PPM	PRAKIT	PRECHA	PRIME
PROUD	PTL	RBF	RCI	RJH	ROJNA	RP	RPH	RSP	SF	SFLEX
SGP	SISB	SKN	SLP	SMART	SOLAR	SPG	SQ	SSP	STARK	STC
SUPER	SVOA	TC	TCCC	THMUI	TIW	TNH	TOPP	TPCH	TIPIP	TPLAS
TTI	TYCN	UKEM	UMS	VCOM	VRANDA	WIN	WORK	WPH		

Description

Score Range

Excellent

90-100

Very Good

80-89

Good

70-79

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; ** delisted

Source: Thai Institute of Directors Association (IOD); FSSIA's compilation

Anti-corruption Progress Indicator 2020

CERTIFIED										
2S	ADVANC	AI	AIE	AIRA	AKP	AMA	AMANAHA	AP	AQUA	ARROW
ASK	ASP	AYUD	B	BAFS	BANPU	BAY	BBL	BCH	BCP	BCPG
BGC	BGRIM	BJCHI	BKI	BLA	BPP	BROOK	BRR	BSBM	BTS	BWG
CEN	CENTEL	CFRESH	CGH	CHEWA	CHOTI	CHOW	CIG	CIMBT	CM	CMC
COL	COM7	CPALL	CPF	CPI	CPN	CSC	DCC	DELTA	DEMCO	DIMET
DRT	DTAC	DTC	EASTW	ECL	EGCO	FE	FNS	FPI	FPT	FSS
FTE	GBX	GC	GCAP	GEL	GFPT	GGC	GJS	GPSC	GSTEEL	GUNKUL
HANA	HARN	HMPRO	HTC	ICC	ICHI	IFS	INET	INSURE	INTUCH	IRPC
ITEL	IVL	K	KASET	KBANK	KBS	KCAR	KCE	KGI	KKP	KSL
KTB	KTC	KWC	L&E	LANNA	LHFG	LHK	LPN	LRH	M	MAKRO
MALEE	MBAX	MBK	MBKET	MC	MCOT	MFC	MFEC	MINT	MONO	MOONG
MPG	MSC	MTC	MTI	NBC	NEP	NINE	NKI	NMG	NNCL	NSI
NWR	OCC	OCEAN	OGC	ORI	PAP	PATO	PB	PCSGH	PDG	PDI
PDJ	PE	PG	PHOL	PL	PLANB	PLANET	PLAT	PM	PPP	PPPM
PPS	PREB	PRG	PRINC	PRM	PSH	PSL	PSTC	PT	PTG	PTT
PTTEP	PTTGC	PYLON	Q-CON	QH	QLT	QTC	RATCH	RML	RWI	S & J
SABINA	SAT	SC	SCB	SCC	SCCC	SCG	SCN	SEAOIL	SE-ED	SELIC
SENA	SGP	SIRI	SITHAI	SMIT	SMK	SMPC	SNC	SNP	SORKON	SPACK
SPC	SPI	SPRC	SRICHA	SSF	SSSC	SST	STA	SUSCO	SVI	SYNTEC
TAE	TAKUNI	TASCO	TBSP	TCAP	TCMC	TFG	TFI	TFMAMA	THANI	THCOM
THIP	THRE	THREL	TIP	TIPCO	TISCO	TKT	TTB	TMD	TMILL	TMT
TNITY	TNL	TNP	TNR	TOG	TOP	TPA	TPCORP	TPP	TRU	TSC
TSTH	TTCL	TU	TVD	TVI	TVO	TWPC	U	UBIS	UEC	UKEM
UOBKH	UWC	VGI	VIH	VNT	WACOAL	WHA	WHAUP	WICE	WIJK	XO
ZEN	TRUE									

DECLARED										
7UP	ABICO	AF	ALT	AMARIN	AMATA	AMATAV	ANAN	APURE	B52	BKD
BM	BROCK	BUI	CHO	CI	COTTO	DDD	EA	EFORL	EP	ERW
ESTAR	ETE	EVER	FSMART	GPI	ILINK	IRC	J	JKN	JMART	JMT
JSP	JTS	KWG	LDC	MAJOR	META	NCL	NOBLE	NOK	PK	PLE
ROJNA	SAAM	SAPPE	SCI	SE	SHANG	SINGER	SKR	SPALI	SSP	STANLY
SUPER	SYNEX	THAI	TKS	TOPP	TRITN	TTA	UPF	UV	WIN	ZIGA

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 June 24, 2019) are categorised into: 1) companies that have declared their intention to join CAC, and; 2) companies certified by CAC.

Source: 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

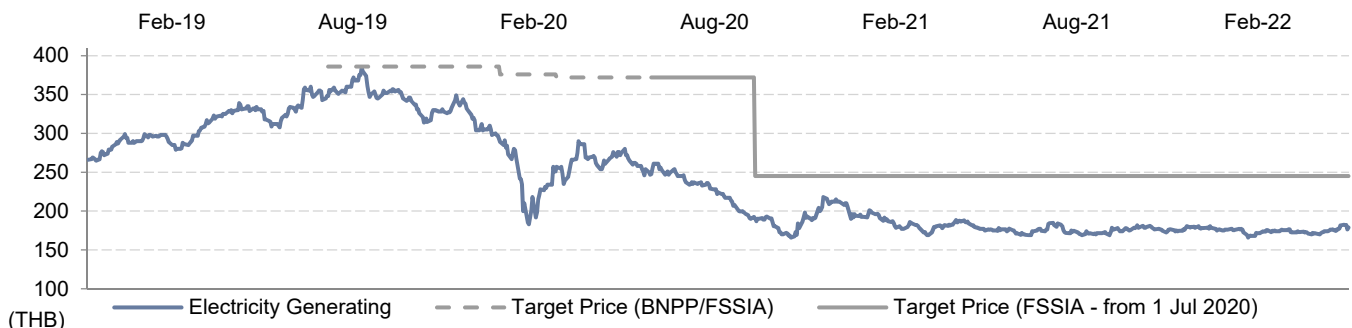
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History of change in investment rating and/or target price

Electricity Generating (EGCO TB)



Date	Rating	Target price	Date	Rating	Target price	Date	Rating	Target price
25-Sep-2019	BUY	386.00	10-Apr-2020	BUY	372.00	-	-	-
21-Feb-2020	BUY	376.00	28-Sep-2020	BUY	245.00			

Suwat Sinsadok, CFA, FRM, ERP started covering this stock from 10-Apr-2020

Price and TP are in local currency

Source: FSSIA estimates

Company	Ticker	Price	Rating	Valuation & Risks
Electricity Generating	EGCO TB	THB 179.50	BUY	Downside risks to our SoTP-based TP include 1) lower-than expected demand for electricity in Thailand; 2) delays in project commencement or commercial operation dates (COD); and 3) government intervention in electricity tariff subsidies.

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 Finasia 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 Finasia Syrus Securities Public Company Limited, which is the parent company of FSSIA.

All share prices are as at market close on 28-Feb-2022 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.