

12 NOVEMBER 2021

THAILAND / OIL & GAS

PTG ENERGY PTG TB

BUY

UNCHANGED

TARGET PRICE	THB18.30
CLOSE	THB14.80
UP/DOWNSIDE	+23.6%
TP vs CONSENSUS	-8.2%

Marketing margin knockout

Margin and demand squeeze led to disappointing 3Q21 results

PTG posted a poor 3Q21 net profit (NP) of THB65m, down 87% both y-y and q-q, below BBG's consensus estimate of THB135m and our estimate of THB120m, dragged down by 1) a lower oil sales volume of 1,106m litres (ml) (-10% y-y, -14% q-q), mainly from its retail channel at 1,070ml (-9% y-y, -13% q-q), which accounted for over 90% of PTG's total sales volume, despite the 23 new stations added in 3Q21; and 2) a 3% q-q weaker marketing margin (MM) of THB1.7-1.8/litre from THB1.8-1.9/litre in 2Q21 due to the higher fixed cost per litre and higher oil cost. 3Q21 share of profits from biodiesel was THB35m, up 84% y-y due to the global supply shortage.

Higher revenue on rising oil price amid a lower sales volume

Revenue rose by 21% y-y in 3Q21 to THB30.6b, driven by a higher retail oil price to offset the 14% q-q lower sales volume due to the impact from the resurgence of Covid-19. Gross profits from non-oil businesses (LPG, food & beverages (F&B) and convenience stores), accounted for 12.7% of the total gross profit in 3Q21, comprising 5.3% from LPG sales (+6% q-q sales volume), 2.9% from F&B, mainly from PunThai Coffee, and 4.5% from Max Mart convenience stores and other businesses.

Concern over lower marketing margin

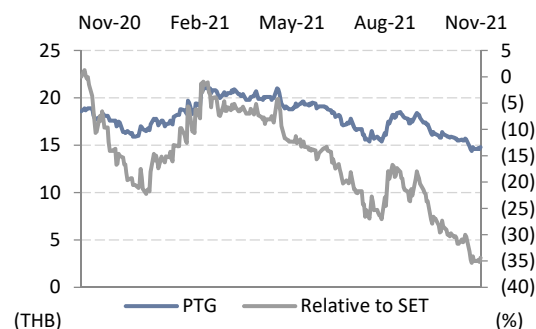
Given the lockdown easing in 4Q21, we expect a recovery in PTG's sales volume to 1.3b litres, up 20-30% q-q. However, we expect a weaker MM in the range of THB1.53-1.62/litre in 4Q21 vs THB1.7/litre in 3Q21 due to the government's diesel price cap policy that will likely outweigh the impact of the higher demand for PTG's oil stations and non-oil businesses from the economic reopening. We estimate that PTG should see a net loss of THB63m from the government's price cap policy (5-31 Oct 2021), though it will likely increase in Nov-Dec 2021. As every THB0.1/litre lower MM could result in a THB0.1b net loss for PTG, based on our calculation, we think PTG's net profit in 4Q21 could see a downside of up to THB0.2b-0.3b.

Look beyond poor 4Q21E into solid, normalised 2022

We maintain our BUY rating and our SoTP-TP of THB18.3. While we turn more cautious on its 4Q21 NP outlook due to the government's price cap policy, we think PTG will see a significant earnings recovery in 2022 on the back of higher demand and an improving MM.

KEY STOCK DATA

YE Dec (THB m)	2020	2021E	2022E	2023E
Revenue	104,590	133,935	145,475	159,391
Net profit	1,894	1,609	1,873	2,253
EPS (THB)	1.13	0.96	1.12	1.35
vs Consensus (%)	-	(2.7)	(2.6)	(0.4)
EBITDA	5,831	5,453	5,712	6,096
Core net profit	1,857	1,572	1,836	2,216
Core EPS (THB)	1.11	0.94	1.10	1.33
EPS growth (%)	19.0	(15.3)	16.8	20.7
Core P/E (x)	13.3	15.7	13.5	11.2
Dividend yield (%)	-	1.0	1.4	1.4
EV/EBITDA (x)	5.9	5.9	5.2	4.4
Price/book (x)	3.1	2.9	2.6	2.3
Net debt/Equity (%)	121.2	86.3	52.4	17.8
ROE (%)	25.6	19.0	20.0	21.5



Share price performance	1 Month	3 Month	12 Month
Absolute (%)	(7.5)	(5.1)	(20.0)
Relative to country (%)	(7.4)	(10.9)	(34.1)
Mkt cap (USD m)	752		
3m avg. daily turnover (USD m)	10.6		
Free float (%)	48		
Major shareholder	Ratchakrit Holding (25%)		
12m high/low (THB)	21.90/14.30		
Issued shares (m)	1,670.00		

Sources: Bloomberg consensus; FSSIA estimates



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Exhibit 1: Summary of 3Q21/9M21 operations

	3Q20	2Q21	----- 3Q21 -----			9M20	9M21	Chg.	2021E
	(THB m)	(THB m)	(THB m)	(q-q %)	(y-y %)	(THB m)	(THB m)	(y-y %)	(THB m)
Revenue	25,315	33,310	30,585	(8.2)	20.8	76,693	96,159	25.4	133,935
Operating costs	(23,741)	(31,756)	(29,490)	(7.1)	24.2	(72,518)	(91,961)	26.8	(128,481)
Interest & invt inc	46	42	24	(42.4)	(48.0)	123	101	(17.9)	0
Associates' contrib	33	45	35	(23.0)	4.2	210	158	(24.7)	0
Exceptionals	1	0	1	177.7	23.0	2	2	22.9	0
EBITDA	1,654	1,641	1,155	(29.6)	(30.2)	4,509	4,459	(1.1)	5,453
<i>EBITDA margin (%)</i>	6.5	4.9	3.8	<i>nm</i>	<i>nm</i>	5.9	4.6	<i>nm</i>	4.1
Depn & amort.	(728)	(746)	(768)	2.9	5.4	(2,147)	(2,247)	4.6	(3,238)
EBIT	925	894	389	(56.5)	(57.9)	2,362	2,213	(6.3)	2,215
Interest expense	(280)	(276)	(283)	2.5	1.2	(820)	(833)	1.6	(354)
Pretax profit	645	618	106	(82.9)	(83.6)	1,542	1,380	(10.5)	1,941
Tax	(132)	(118)	(39)	(66.5)	(70.3)	(311)	(282)	(9.6)	(369)
<i>Tax rate (%)</i>	20.5	19.0	37.1	95.3	81.0	20.2	20.4	1.0	19.0
Minority interests	(4)	(3)	(2)	(42.4)	(56.5)	(8)	(5)	(42.4)	0
Net profit	509	498	65	(87.0)	(87.2)	1,223	1,094	(10.5)	1,609
Core profit	508	497	64	(87.1)	(87.4)	1,221	1,092	(10.6)	1,572
EPS (THB)	0.30	0.30	0.04	(87.0)	(87.2)	0.73	0.66	(10.5)	0.96
Core EPS (THB)	0.30	0.30	0.04	(87.1)	(87.4)	0.73	0.65	(10.6)	0.94

Sources: PTG; FSSIA estimates

Exhibit 2: 3Q21/9M21 key performance

	3Q20	2Q21	3Q21	(q-q %)	(y-y %)	9M20	9M21	(y-y %)	
Oil sales volume by channel (m litre)									
Retail channel	1,181	1,225	1,070	(12.7)	(9.4)	3,227	3,593	11.3	
Wholesale channel	51	65	36	(44.6)	(29.4)	213	149	(30.0)	
Total	1,232	1,290	1,106	(14.3)	(10.2)	3,441	3,741	8.7	
Proportion* (%)									
Retail channel	96	95	97	(1.9)	(0.9)	95	96	(0.7)	
Wholesale channel	4	5	3	1.9	0.9	5	4	0.7	
LPG sales volume by channel (m litre)									
Auto LPG	43	47	45	(4.3)	4.7	109	136	24.8	
Household and industrial LPG	3	19	25	31.6	733.3	4	55	1,275.0	
Total	46	66	70	6.1	52.2	113	191	69.0	
Proportion* (%)									
Auto LPG	93	71	64	6.6	29.2	97	71	25.5	
Household and industrial LPG	7	29	36	(6.6)	(29.2)	3	29	(25.5)	
Number of outlets (outlets)									
Oil stations	1,877	1,902	1,925	1.2	2.6				
LPG stations	201	212	217	2.4	8.0				
EV charging stations	0	5	5	-	<i>nm</i>				
Punthai Coffee	273	288	289	0.3	5.9				
Coffee World (Domestic and international)	57	56	45	(19.6)	(21.1)				
Max Mart	212	241	250	3.7	17.9				
Autobacs	16	21	23	9.5	43.8				
Maxnitron Lube Change	47	41	43	4.9	(8.5)				
Max Camp	11	35	36	2.9	227.3				
Average sales volume per station (litre/station/month)	209,732	214,686	185,281	(13.7)	(11.7)				
Biodiesel share of profits	19	33	35	6.1	84.2	194	146	(24.7)	

* Note: Change in % is represented in ppt change

Sources: PTG; FSSIA estimates

Financial Statements

PTG Energy

Profit and Loss (THB m) Year Ending Dec	2019	2020	2021E	2022E	2023E
Revenue	120,183	104,590	133,935	145,475	159,391
Cost of goods sold	(107,111)	(90,939)	(119,964)	(130,477)	(143,107)
Gross profit	13,072	13,650	13,970	14,997	16,285
Other operating income	-	-	-	-	-
Operating costs	(7,907)	(7,820)	(8,517)	(9,285)	(10,189)
Operating EBITDA	5,164	5,831	5,453	5,712	6,096
Depreciation	(3,015)	(2,885)	(3,238)	(3,303)	(3,369)
Goodwill amortisation	0	0	0	0	0
Operating EBIT	2,149	2,946	2,215	2,410	2,728
Net financing costs	(335)	(1,104)	(354)	(226)	(80)
Associates	40	376	0	0	0
Recurring non-operating income	108	452	80	84	88
Non-recurring items	0	0	0	0	0
Profit before tax	1,923	2,294	1,941	2,267	2,736
Tax	(359)	(388)	(332)	(394)	(483)
Profit after tax	1,563	1,906	1,609	1,873	2,253
Minority interests	(3)	(12)	0	0	0
Preferred dividends	0	0	0	0	0
Other items	-	-	-	-	-
Reported net profit	1,561	1,894	1,609	1,873	2,253
Non-recurring items & goodwill (net)	0	(37)	(37)	(37)	(37)
Recurring net profit	1,561	1,857	1,572	1,836	2,216
Per share (THB)					
Recurring EPS *	0.93	1.11	0.94	1.10	1.33
Reported EPS	0.93	1.13	0.96	1.12	1.35
DPS	0.00	0.00	0.15	0.20	0.20
Diluted shares (used to calculate per share data)	1,670	1,670	1,670	1,670	1,670
Growth					
Revenue (%)	11.3	(13.0)	28.1	8.6	9.6
Operating EBITDA (%)	53.8	12.9	(6.5)	4.7	6.7
Operating EBIT (%)	144.8	37.1	(24.8)	8.8	13.2
Recurring EPS (%)	149.8	19.0	(15.3)	16.8	20.7
Reported EPS (%)	149.8	21.4	(15.0)	16.4	20.3
Operating performance					
Gross margin inc. depreciation (%)	8.4	10.3	8.0	8.0	8.1
Gross margin of key business (%)	0.1	0.1	0.1	0.1	0.1
Operating EBITDA margin (%)	4.3	5.6	4.1	3.9	3.8
Operating EBIT margin (%)	1.8	2.8	1.7	1.7	1.7
Net margin (%)	1.3	1.8	1.2	1.3	1.4
Effective tax rate (%)	19.1	22.1	19.0	19.0	19.0
Dividend payout on recurring profit (%)	-	-	15.9	18.2	15.1
Interest cover (X)	6.7	3.1	6.5	11.0	35.2
Inventory days	6.8	8.6	7.4	8.0	8.0
Debtor days	-	-	-	-	-
Creditor days	-	-	-	-	-
Operating ROIC (%)	17.8	21.7	17.3	22.3	32.4
ROIC (%)	10.8	9.0	4.4	5.0	5.9
ROE (%)	25.8	25.6	19.0	20.0	21.5
ROA (%)	8.2	8.2	4.4	4.9	5.7
* Pre exceptional, pre-goodwill and fully diluted					
Revenue by Division (THB m)					
Sales of petroleum products and others	116,535	101,970	119,659	137,608	151,368
Sales of consumable products	2,415	1,500	1,500	1,500	1,500
Others	1,233	1,120	12,776	6,367	6,523

Sources: PTG Energy; FSSIA estimates

Financial Statements

PTG Energy

Cash Flow (THB m) Year Ending Dec	2019	2020	2021E	2022E	2023E
Recurring net profit	1,561	1,857	1,572	1,836	2,216
Depreciation	3,015	2,885	3,238	3,303	3,369
Associates & minorities	69	76	80	84	88
Other non-cash items	-	-	-	-	-
Change in working capital	(1,354)	(853)	292	(89)	(76)
Cash flow from operations	3,291	3,965	5,182	5,134	5,597
Capex - maintenance	(873)	(928)	(981)	(1,133)	(1,282)
Capex - new investment	-	-	-	-	-
Net acquisitions & disposals	-	-	-	-	-
Other investments (net)	(2,392)	(810)	(1,047)	(503)	37
Cash flow from investing	(3,265)	(1,738)	(2,029)	(1,636)	(1,244)
Dividends paid	(334)	(835)	(835)	(868)	(1,002)
Equity finance	0	0	0	0	0
Debt finance	1,063	1,045	(2,612)	(2,500)	(3,000)
Other financing cash flows	(725)	(2,534)	(201)	(192)	(191)
Cash flow from financing	4	(2,324)	(3,649)	(3,561)	(4,193)
Non-recurring cash flows	-	-	-	-	-
Other adjustments	0	0	0	0	0
Net other adjustments	0	0	0	0	0
Movement in cash	29	(97)	(496)	(63)	159
Free cash flow to firm (FCFF)	360.06	3,330.60	3,507.16	3,724.38	4,432.37
Free cash flow to equity (FCFE)	363.08	738.03	339.27	805.71	1,161.07
Per share (THB)					
FCFF per share	0.22	1.99	2.10	2.23	2.65
FCFE per share	0.22	0.44	0.20	0.48	0.70
Recurring cash flow per share	2.78	2.89	2.93	3.13	3.40
Balance Sheet (THB m) Year Ending Dec					
Tangible fixed assets (gross)	17,970	17,365	19,365	21,365	23,365
Less: Accumulated depreciation	(6,511)	(6,511)	(9,563)	(13,084)	(17,069)
Tangible fixed assets (net)	11,458	10,853	9,802	8,280	6,296
Intangible fixed assets (net)	214	229	229	229	229
Long-term financial assets	-	-	-	-	-
Invest. in associates & subsidiaries	2,570	2,195	2,195	2,195	2,195
Cash & equivalents	1,038	942	446	384	542
A/C receivable	0	0	0	0	0
Inventories	2,217	2,088	2,754	2,996	3,286
Other current assets	1,595	829	1,188	1,515	1,877
Current assets	4,850	3,859	4,389	4,894	5,705
Other assets	3,559	24,902	24,902	24,902	24,902
Total assets	22,652	42,037	41,516	40,500	39,327
Common equity	6,648	7,884	8,658	9,663	10,913
Minorities etc.	60	96	96	96	96
Total shareholders' equity	6,707	7,980	8,754	9,759	11,010
Long term debt	3,857	6,282	3,500	4,000	2,000
Other long-term liabilities	474	19,289	19,289	19,289	19,289
Long-term liabilities	4,330	25,572	22,789	23,289	21,289
A/C payable	0	0	0	0	0
Short term debt	5,711	4,330	4,500	1,500	500
Other current liabilities	5,904	4,156	5,473	5,952	6,528
Current liabilities	11,614	8,486	9,973	7,452	7,028
Total liabilities and shareholders' equity	22,652	42,037	41,516	40,500	39,327
Net working capital	(2,092)	(1,239)	(1,531)	(1,441)	(1,365)
Invested capital	15,710	36,940	35,597	34,164	32,256
* Includes convertibles and preferred stock which is being treated as debt					
Per share (THB)					
Book value per share	3.98	4.72	5.18	5.79	6.53
Tangible book value per share	3.85	4.58	5.05	5.65	6.40
Financial strength					
Net debt/equity (%)	127.2	121.2	86.3	52.4	17.8
Net debt/total assets (%)	37.7	23.0	18.2	12.6	5.0
Current ratio (x)	0.4	0.5	0.4	0.7	0.8
CF interest cover (x)	2.1	1.7	2.0	4.6	15.5
Valuation					
Recurring P/E (x) *	15.8	13.3	15.7	13.5	11.2
Recurring P/E @ target price (x) *	19.6	16.5	19.4	16.6	13.8
Reported P/E (x)	15.8	13.0	15.4	13.2	11.0
Dividend yield (%)	-	-	1.0	1.4	1.4
Price/book (x)	3.7	3.1	2.9	2.6	2.3
Price/tangible book (x)	3.8	3.2	2.9	2.6	2.3
EV/EBITDA (x) **	6.4	5.9	5.9	5.2	4.4
EV/EBITDA @ target price (x) **	7.6	6.9	7.0	6.3	5.4
EV/invested capital (x)	2.1	0.9	0.9	0.9	0.8
* Pre-exceptional, pre-goodwill and fully diluted ** EBITDA includes associate income and recurring non-operating income					

Sources: PTG Energy; 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	ICI	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	SEOIL	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	MITSIB	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 FSS International Investment Advisory Securities Co., Ltd

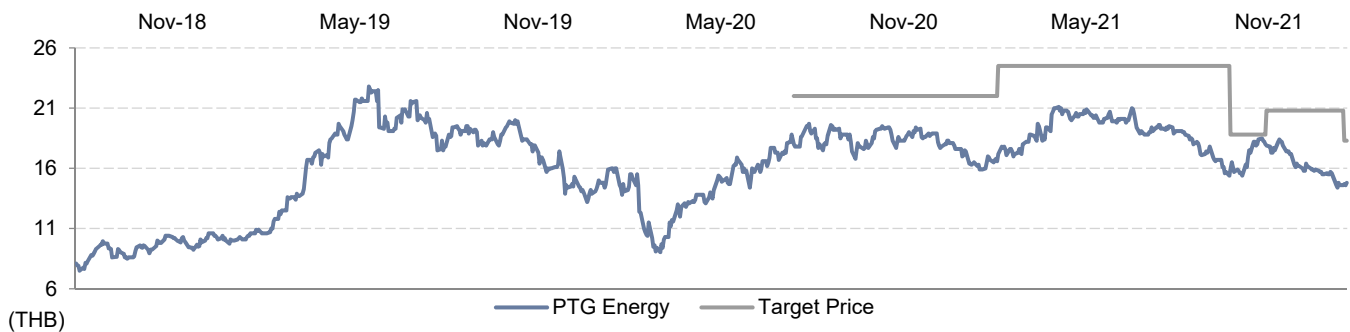
The individual(s) identified above certify(ies) that (i) all views expressed in this report accurately reflect the personal view of the analyst(s) with regard to any and all of the subject securities, companies or issuers mentioned in this report; and (ii) no part of the compensation of the analyst(s) 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

PTG Energy (PTG TB)



Date	Rating	Target price	Date	Rating	Target price	Date	Rating	Target price
22-Jul-2020	BUY	22.00	24-Feb-2021	BUY	24.50	02-Sep-2021	BUY	20.80
09-Sep-2020	BUY	22.00	01-Mar-2021	BUY	24.50	07-Oct-2021	BUY	20.80
14-Jan-2021	BUY	24.50	02-Aug-2021	BUY	18.80	08-Nov-2021	BUY	18.30

Suwat Sinsadok started covering this stock from 22-Jul-2020

Price and TP are in local currency

Source: FSSIA estimates

Company	Ticker	Price	Rating	Valuation & Risks
PTG Energy	PTG TB	THB 14.80	BUY	The downside risks to our SoTP-based TP include 1) a government cap on oil prices; and 2) weaker demand for diesel and gasoline.

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 11-Nov-2021 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.