

24 Jan 18

4QFY17 profit seen up 31.9% y-y on lower amortization

Btmn	4QFY17E	3QFY17	4QFY16	% y-y	% q-q	FY17E	FY16	% y-y
Net profit	780	940	592	+31.9	-17.0	3,145	2,606	+20.7
EPS	0.05	0.06	0.04	+31.9	-17.0	0.21	0.17	+20.7

- **4QFY17 profit forecast to grow 31.9% on decreased intangible assets amortization:** We forecast BEM will report a 4QFY17 net profit of Bt780mn, up 31.9% y-y, largely helped by a drop in intangible assets amortization expenses in its rail business. Our forecast is built on assumptions that total revenue will increase 3.6% y-y as (i) revenue from expressway business will inch up 1.4% to Bt2,492mn despite free service being offered on Oct 26, driven by a 0.8% rise in average traffic volume to 111.39mn trips and a 0.7% climb in average income/vehicle to Bt22.37, (ii) revenue from rail business will soar 4.8%, buoyed by a 5.2% expansion in ridership to 27.28mn trips and 3% growth in farebox revenue to Bt25.24 although the service was also free of charge on Oct 26, and (iii) revenue from commercial development business will surge 28.3% due to new rental space additions at Ladprao station and three more stations now undergoing renovation and potential higher rental income from leading brands. In this period, costs are likely to decline on expectations that intangible assets amortization will reduce by Bt174mn following the renewal of the Blue Line concession starting from 2QFY18. SG&A expenses are expected to increase due partly to year-end staff bonus. We estimate an FY17 net profit of Bt3,145mn, lower than the previously estimated Bt3,208mn, and a 2HFY17 dividend of Bt0.07/share (FY17 dividend of Bt0.13/share).
- **Minor fare increase due to low inflation likely to benefit BEM:** The low inflation rate prompted BEM not to raise expressway fares in FY18 and hiked fares by only Bt1 at three train stations, so it will likely receive little benefit from the fare hike. BEM may also postpone the fare increase scheduled for Jul 3, 2018 until Jan 1, 2019. However, we expect revenue from commercial development business to remain on an upward trend as BEM plans to lease retail space at another one or two stations and renovate more stations which popular brands e.g., Gourmet Market and Starbucks.
- **'ACCUMULATE' rating intact with Bt8.30/share target price:** We maintain our 'ACCUMULATE' rating on BEM shares with a target price of Bt8.30/share and also leave our FY18 profit outlook unchanged at Bt3,549mn.

 (Source: PST)

Siam Tiyanont, Securities Investment Analyst #17970

Ref. No.: CO2018\_0056

# Corporate Governance - 2017



ADVANC	AKP	ANAN	AOT	AP	BAFS	BANPU	BAY	BCP	BIGC
BTS	BWG	CFRESH	CHO	CK	CNT	CPF	CPN	CSL	DELTA
DEMCO	DRT	DTAC	DTC	EASTW	EGCO	GC	GCAP	GFPT	GOLD
GPSC	GRAMMY	GUNKUL	HANA	HMPRO	ICC	ICHI	INTUCH	IRPC	IVL
JSP	KBANK	KCE	KKP	KTB	KTC	LHBANK	LPN	MBK	MCOT
MINT	MONO	NCH	NKI	NYT	OTO	PHOL	PLANB	PPS	PRANDA
PRG	PSH	PSL	PTG	PTT	PTTEP	PTTGC	PYLON	Q-CON	QH
QTC	RATCH	ROBINS	SAMART	SAMTEL	SAT	SC	SCB	SCC	SCCC
SE-ED	SIM	SIS	SITHAI	SNC	SPALI	SPRC	SSSC	STEC	SVI
SYNTEC	TCAP	THANA	THCOM	THREL	TISCO	TKT	TMB	TNDT	TOP
TRC	TRUE	TSC	TTCL	TU	TVD	UV	VGI	WACOAL	WAVE

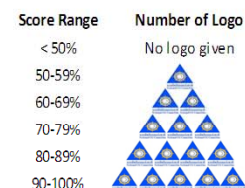


ZS	AAV	ACAP	AGE	AH	AHC	AIRA	AIT	ALT	AMANAH
AMATA	AMATAV	APCO	ARIP	ASIA	ASIMAR	ASK	ASP	AUCT	AYUD
BBL	BCPG	BDMS	BEC	BEM	BFIT	BIC	BICHI	BIA	BOL
BROOK	BRR	BTW	CEN	CENEL	CGH	CHARAN	CHEWA	CHG	CHOW
CI	CIG	CIMBT	CKP	CM	CNS	COL	COM7	CPI	CSC
CSP	CSS	DCC	EA	EASON	ECF	ECL	EE	EPG	ERW
FN	FNS	FORTH	FPI	FSMART	FVC	GBX	GEL	GLOBAL	GLOW
HARN	HOTROT	HYDRO	IJUNK	INET	IRC	IT	ITD	JWD	K
KGI	KKC	KOOL	KSL	KTIS	I&E	LALIN	LANNA	LH	LHK
LIT	LOXLEY	LRH	LST	M	MACO	MAJOR	MAKRO	MALEE	MBKET
MC	MEGA	MFC	MIFEC	MOONG	MSC	MTI	MTLS	NOBLE	NOK
NSI	NIV	NWR	OCC	OGC	OISHI	ORI	PAP	PATO	PB
PCSGH	PDI	PE	PG	PJW	PLANET	PLAT	PM	PPP	PR
PREB	PRINC	PT	RICHY	RML	RS	RWI	S	S & L	SABINA
SALEE	SAMCO	SAWAD	SOG	SCI	SCN	SEAFCD	SEAOL	SENA	SFP
SIAM	SINGER	SIRI	SMK	SMPG	SMT	SNP	SORKON	SPC	SPI
SPPT	SR	SSF	SST	STA	STPI	SUC	SUSCO	SUTHA	SWC
SYMC	SYNEX	TAE	TAKUNI	TASCO	TBSP	TCC	TEAM	TF	TFG
TGCI	THAI	THANI	THIP	THRE	TICON	TIPCO	TIW	TK	TKN
TIS	TMC	TMI	TMILL	TMT	TNITY	TNL	TOG	TPAC	TPCORP
TRT	TRU	TSE	TSR	TSTE	TSTH	TTA	TTW	TVI	TVO
TWP	TWPC	U	UAC	UMI	UP	UPF	UPOIC	UWC	VIH
VNT	WICE	WINNER	XO	YUASA	ZMICO				



AEC	AEONTS	AF	AJ	AKR	ALLA	ALLCON	AMA	AMARIN	AMC
APURE	AQUA	ARROW	AS	ASEFA	ASIAN	ASN	ATP30	AU	BA
BGI	BEAUTY	BH	BIG	BIZ	BLAND	BPP	BR	BROCK	BTC
BTNC	CBG	CCET	CCP	CGD	CITY	CMR	COLOR	COMAN	CPL
CSR	CTW	CWT	DCON	DIGI	DNA	EFORL	EKH	EPGD	ESSO
ETE	FE	FER	FOCUS	FSS	GENCO	GIFT	GIS	GIAND	GSTEL
GTB	GYT	HPT	HTC	HTECH	IFS	IHL	INSURE	IRCP	J
JMART	JMT	JUBILE	KASET	KBS	KCAR	KIAT	KWC	KYE	LDC
LEE	LPH	MATCH	MATI	M-CHAI	MDX	METCO	MGT	MILL	MID
MK	MODERN	MPG	NC	NCL	NDR	NEP	NETBAY	NPK	NPP
NUSA	OCEAN	PDG	PF	PICO	PIMO	PK	PL	PLE	PMTA
PRECHA	PRIN	PSTC	QIT	RCI	RCL	RJH	ROJNA	RPC	S11
SANKO	SAPPE	SCP	SE	SGP	SKR	SKY	SLP	SMT	SOLAR
SPA	SPCG	SPG	SPVI	SQ	SRICHA	SSC	STANLY	SUPER	SVOA
T	TACC	TCCC	TCMC	TFD	TIC	TLUXE	TM	TMD	TNP
TNR	TOPP	TPA	TPBI	TPCH	TPPL	TPOLY	TPP	TRITN	TTI
TVT	TYCN	UOBKH	UPA	UREKA	UT	VIBHA	VPO	VTE	WIK
WIN									

## Results Presentation

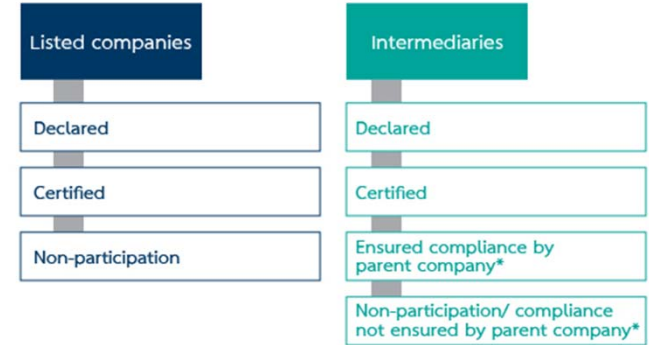


The disclosure of the survey result of the Thai Institute of Directors Association (IOD) regarding corporate governance is made pursuant to the Office of the Securities and Exchange Commission. The survey of the IOD is based on the information of a company listed on the Stock Exchange of Thailand and the Market for Alternative disclosure to the public and able to be accessed by a general public investor. The results, 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 result may be changed after that data. Phillip Securities (Thailand) of securities company does not confirm nor certify the accuracy of such survey result.

# Thai CAC (As of July 31, 2017)

Declared					Non-participation				
A	AI	AIE	AIRA	AJ	2S	AAV	ABICO	ACAP	ACC
ALUCON	AMATAV	AOT	APCO	AQUA	ADAM	AEC	AEONTS	AF	AFC
ARROW	ASIA	ASK	AU	BCH	AGE	AH	AHC	AIT	AJA
BIC	BJCHI	BLAND	BR	BROCK	AKR	ALLA	ALT	AMA	AMARIN
BRR	CEN	CGH	CHEWA	CHG	AMATA	AMC	ANAN	APCS	APEX
CHOTI	CHOW	CIG	COL	COM7	APURE	AO	ARIP	AS	ASAP
CPALL	CPF	CFR	CSC	EKH	ASEFA	ASIAN	ASIMAR	ASN	ATP30
EPCO	FC	FER	FPI	FSMART	AUCT	BA	BAT-3K	BCPG	BDMS
GEL	GFPT	GQC	GIFT	GJS	BEAUTY	BEC	BEM	BFIT	BGRIM
GLOBAL	GOLD	GPSC	GREEN	GSTEL	BGT	BH	BIG	BIZ	BKD
GUNKUL	HARN	IFS	ILINK	INET	BLISS	BM	BOL	BPP	BSEB
IRC	J	JMART	JMT	JUBILE	BSM	BTC	BTNC	BTW	BUI
JUTHA	KASET	KBS	KCAR	KTECH	CBG	CCET	CCP	CGD	CHARAN
KWC	KYE	L&E	LEE	LIT	CHO	CHUO	CI	CITY	CK
LVT	MAKRO	MATCH	MATI	MBAX	CKP	CMO	CMR	CNT	COLOR
MC	MFEC	MIDA	MILL	ML	COMAN	CPH	CPL	CRANE	CRD
MTLS	NBC	NCL	NEP	NINE	CSP	CSR	CSS	CTW	CWT
NMG	NNCL	NTV	NUSA	NWR	D	DCON	DCORP	DELTA	DIGI
OGC	PACE	PAF	PAP	PATO	DNA	DTCI	EA	EARTH	EASON
PCSGH	PIMO	PK	PL	PLANB	ECF	EE	EFORL	EIC	EMC
POST	PRINC	PRO	PSTC	PYLON	EPG	ERW	ESSO	ESTAR	ETE
OTC	ROH	ROJNA	RWI	SANKO	EVER	F&D	FANCY	FMT	FN
SAUCE	SC	SCCC	SCN	SEAOIL	FOCUS	FORTH	FTE	FVC	GC
SE-ED	SENA	SIRI	SMART	SPACK	GENCO	GL	GLAND	GRAMMY	GRAND
SPPT	SPRC	SR	SRICHA	SST	GTB	GYT	HFT	HOTPOT	HPT
STA	SUPER	SUSCO	SYWC	SYMC	HTECH	HYDRO	ICHI	ICN	IEC
TAKUNI	TBSP	TFI	THE	TICON	IHL	III	INGRS	INOX	INSURE
TIP	TKN	TLUXE	TMILL	TMT	IRCP	IT	ITD	ITEL	JAS
TNP	TPA	TRUE	TSE	TTI	JCT	JSP	JTS	JWD	KAMART
TU	TVD	TVO	TVT	TWPC	KC	KCM	KDH	KIAT	KKC
U	UPA	UREKA	UWC	VGI	KOOL	KTIS	KWG	LALIN	LDC
VIBHA	VIH	VNT	WAVE	WHA	LH	LOXLEY	LPH	LRH	LST
WICE	WIIK				LTX	M	MACO	MAJOR	MALEE
					MANRIN	MAX	M-CHAI	MCS	MDX
					MEGA	METCO	MGT	MJD	MK
					MM	MODERN	MPG	MPIC	NC
					NCH	NDR	NETBAY	NEW	NEWS
					NFC	NOBLE	NOK	NPK	NPP
					NVD	NYT	OHTL	OISHI	ORI
					OTO	PAE	PDG	PERM	PF
					PICO	PJW	PLANET	PLE	PMTA
					POLAR	POMPUI	PPM	PRAKIT	PRECHA
					PRIN	PRM	PTL	RAM	RCI
					RCL	RICH	RICHY	RJH	ROCK
					RP	RPC	RPH	RS	S
					S11	SAFARI	SALEE	SAM	SAMART
					SAMCO	SAMTEL	SAPPE	SAWAD	SAWANG
					SCI	SCP	SDC	SE	SEAFCO
					SELIC	SF	SFP	SGF	SHANG
					SIAM	SIMAT	SKN	SKR	SKY
					SLP	SMK	SMM	SMT	SOLAR
					SPA	SPALI	SPCG	SPG	SPORT
					SPVI	SO	SSC	SSP	STANLY
					STAR	STEC	STHAI	STPI	SUC
					SUTHA	SVH	SVOA	SYNEX	T
					TACC	TAPAC	TASCO	TC	TCB
					TCC	TCCC	TCJ	TCOAT	TEAM
					TFD	TFMAMA	TGPRO	TH	THAI
					THANA	THIP	THL	TIC	TIW
					TK	TKS	TM	TMC	TMI
					TMW	TNDT	TNH	TNPC	TNR
					TOA	TOPP	TPAC	TPBI	TPCH
					TPHPL	TPIPP	TPOLY	TPP	TR
					TRC	TRITN	TRT	TRUBB	TSF
					TSI	TSR	TST	TTA	TTL
					TTTTM	TTW	TUCC	TWP	TWZ
					TYCN	UAC	UBIS	UEC	UKEM
					UMI	UMS	UNIO	UP	UPF
					UPOIC	UT	UTP	UV	UVAN
					VARO	VI	VNG	VPO	VTE
					WG	WHAUP	WIN	WINNER	WORK
					WORLD	WP	WPH	WR	XO
					YCI	YNP	YUASA	ZIGA	ZMICO



\* Only parent companies subject to the Bribery Act or other similar laws that requires parent companies be accountable for bribery of its overseas subsidiaries. Parent companies' responsibilities include the establishment of policies and guidelines and the monitoring of their subsidiaries' regular compliance therewith.

## Industry Group

Name	Sector Name	Sector Index
Agro & Food Industry[AGRO]	Agribusiness	AGRI
	Food & Beverage	FOOD
Consumer Products[CONSUMP]	Fashion	FASHION
	Home & Office Products	HOME
	Personal Products & Pharmaceuticals	PERSON
Financials [FINCIAL]	Banking	BANK
	Finance & Securities	FIN
	Insurance	INSUR
Industrials [INDUS]	Automotive	AUTO
	Industrial Materials & Machinery	IMM
	Packaging	PKG
	Paper & Printing Materials	PAPER
	Petrochemicals & Chemicals	PETRO
	Steel	STEEL
Property & Construction[PROPCON]	Construction Materials	CONMAT
	Construction Services	CONS
	Property Development	PROP
	Property Fund & REITs	PF&REIT
Resources [RESOURC]	Energy & Utilities	ENERG
	Mining	MINE
Services [SERVICE]	Commerce	COMM
	Media & Publishing	MEDIA
	Health Care Services	HELTH
	Tourism & Leisure	TOURISM
	Professional Services	PROF
	Transportation & Logistics	TRANS
Technology [TECH]	Electronic Components	ETRON
	Information & Communication Technology	ICT

## PSR Rating System

Capital Gain	Recommendation
> 15%	BUY
> 5% - 15%	ACCUMULATE / TRADING BUY
> 0% - 5%	NEUTRAL
0 <=	SELL

### Remarks

We do not base our recommendations entirely on the above quantitative return bands. We consider qualitative factors like (but not limited to) a stock's risk reward profile, market sentiment, recent rate of share price appreciation, presence or absence of stock price catalysts, and speculative undertones surrounding the stock, before making our final recommendation

## Research Team

<b>Fundamental</b>	<b>Analyst Reg No.</b>	<b>Tel</b>	<b>Sector</b>
Sasikorn Charoensuwan, CFA, CAIA	Capital Market Investment Analyst #9744	662 635 1700 Ext 480	Finance&Securities, Commerce
Danai Tunyaphisitchai, CFA	Capital Market Investment Analyst #2375	662 635 1700 Ext 481	Construction Materials, Property Development, Energy
Naree Apisawaittakan	Securities Investment Analyst #17971	662 635 1700 Ext 484	Agribusiness, Food&beverage, Electronic Components, Energy, Petrochemicals, ICT
Siam Tiyanont	Securities Investment Analyst #17970	662 635 1700 Ext 483	Transportation, Media & Publishing
Adisorn Muangparnchon	Securities Investment Analyst #18577	662 635 1700 Ext 497	Banking, Securities & Finance,
Hathaichanoke Moonwong	Securities Investment Analyst #64324	662 635 1700 Ext 530	Automotive, Health Care, Tourism
Pattaporn Boonmalert	Securities Investment Analyst #95008	662 635 1700 Ext 525	Food&beverage, ICT
Athid Siriphand	Assistant Analyst		
Pachara Yenpaisarn	Assistant Analyst		
<b>Strategy</b>			
Teerada Charnyingyong	Securities Investment Analyst #9501	662 635 1700 Ext 487	
Chutikarn Santimetvirul	Derivatives Investment Analyst #37928	662 635 1700 Ext 491	
Rattawit Watcharasut	Securities Investment Analyst #88285	662 635 1700 Ext 498	
Klanarong Mongkolsirichaikul	Assistant Analyst		
Kitti Buabueng	Assistant Analyst		
Tanapon Nimittanon	Assistant Analyst		
<b>Technical</b>			
Sasima Hattakitnikorn	Securities Investment Analyst #18328	662 635 1700 Ext 490	
Krittinat Pantuwichit	Assistant Analyst		
<b>Database &amp; Production</b>			
Manunpat Yuenyongwatanakorn			
Sutiporn Oupkaew			
Kanittha Sriwong			
<b>Translation</b>			
Chaiyot Ingkhasorarat			
Chaloempong Phantupo			

# Head Office and Branches



## Domestics Offices

### Bangkok Offices

Head Office	849 Vorawat Bldg., 11st Fl., Unit 1101,1102,1104, 14th Fl., Unit 1403, 1404 and 15th Fl., 22nd Fl., Unit 2202 Silom Rd. Silom,Bangrak, Bangkok 10500
Srinakarindr	699 Modernform Tower, 17th Fl., Srinakarindr Rd., Suan Luang, Suan Luang, Bangkok 10250
Viphavadee	333 Lao Peng Nguan Tower 1, 15th Fl., Soi Chuaypuang, Viphavadi-Rangsit Rd., Jomphon, Chatuchak, Bangkok 10900
Yaowaraj	308 Kanchanadhat Bldg., 19th Fl., Yaowarat Rd., Jakawat, Sampantawong, Bangkok 10100
Bangkapi 1	3522 The Mall Office Tower-Bangkap, 8th Fl., Lad Prao Rd., Klongchan, Bangkapi, Bangkok 10240
Bangkapi 2	3522 The Mall Office Tower-Bangkap, 8th Fl., Lad Prao Rd., Klongchan, Bangkapi, Bangkok 10240
Hualumphong	320 Tang Hua Pak Bldg., 4th Fl., Rama 4 Rd., Mahaprutharam, Bangrak, Bangkok 10500
Rangsit	94 Future Park Rangsit, G Fl., Room#PLZ.G.SHP065A, Paholyothin Rd., Prachathipat, Thunyaburi, Pathumthani 12130
Siam Discovery	989 Siam Tower Building, 11th Fl., Unit A2, Rama I Rd., Pathumwan, Pathumwan, Bangkok 10330
Central World	999/9 The Offices at CentralWorld, 17 FL. Unit ML 1707, Rama I Rd, Pathumwan, Pathumwan, Bangkok 10330
Sindhorn	130-132 Sindhorn Tower 3 Building, 19 Floor, Wireless Rd., Lumpini, Pathumwan, Bangkok 10330
EmQuartier	689 Bhiraj Tower at EmQuartier, 39th floor, Unit 3909-10, Sukhumvit Rd., Klongton Nuea, Vadhana, Bangkok 10110
Amarin	496-502 Amarin Tower, 8 Floor, Unit 6-7 Ploenchit Rd., Lumpini, Pathumwan, Bangkok 10330

### Provincial Offices

Chiangmai	111/51 Moo 2 Mahidol Rd., Nong Hoi, Muang Chiang Mai, Chiang Mai 50000
Had Yai	55 Southland Rubber Bldg., 4th Fl., Ratyindee Rd., Had Yai, Had Yai, Songkla 90110
Had Yai - Petkaseam	607 Redar Group Bldg., 3rd Fl., 3D, Petkaseam Rd., Had Yai, Had Yai, Songkla 90110
KhonKaen	359/2 Kow Yoo Hah Bldg., 4th Fl., Mittapap Rd., Naimuang, Muang Khon Kaen, Khon Kaen 40000
Phitsanulok	59/15 Thai Sivarat Bldg., 2nd Fl., Baromtrilokanad 2 Rd., Naimuang, Muang Pitsanulok, Phitsanulok 65000
Chumporn	25/45 Krom Luang Chumporn Rd., Tatapao, Muang Chumporn, Chumporn 86000
Leamchabang	53/112, 53/114 Moo 9, Tungsukla, Sriracha, Chonburi 20230
Investor Center KhonKaen	252 Moo 11, Muang Kao, Muang Khon Kaen, Khon Kaen 40000

## Overseas Offices

SINGAPORE	Phillip Securities Pte Ltd Raffles City Tower Tel : (65) 6533 6001 www.poems.com.sg
HONG KONG	Phillip Securities (HK) Ltd 11/F United Centre 95 Queensway, Tel (852) 22776600 www.phillip.com.hk
MALAYSIA	Phillip Capital Management Sdn Bhd, Block B Level 3 Megan Avenue Tel (603) 21628841 www.poems.com.my
JAPAN	Phillip Securities Japan, Ltd 4-2 Nihonbashi Kabuto-cho, Chuo-ku, Tokyo Tel (81-3) 36662101
INDONESIA	PT Phillip Securities Indonesia ANZ Tower Level 23B, Tel (62-21) 57900800 www.phillip.co.id
CHINA	Phillip Financial Advisory (Shanghai) Co. Ltd Ocean Tower Unit 2318 Tel (86-21) 51699200 www.phillip.com.cn
FRANCE	King & Shaxson Capital Limited 3rd Flr, 35 Rue de la Bienfaisance Tel (33-1) 45633100 www.kingandshaxson.com
UNITED KINGDOM	King & Shaxson Capital Limited 6th Flr, Candlewick House, Tel (44-20) 7426 5950 www.kingandshaxson.com
UNITED STATES	Phillip Futures Inc The Chicago Board of Trade Building Tel +1.312.356.9000
AUSTRALIA	PhillipCapital Australia Level 37, Collins Street, Melbourne, Tel (613) 96298380 Fwww.phillipcapital.com.au
SRI LANKA	Asha Phillip Securities Ltd Level 4, Millennium House, Tel: (+94) 11 2429 100 apsl@ashaphillip.net
TURKEY	Hak Menkul Kıymetler A.Ş Dr.Cemil Bengü Cad. Tel: (+90) (212) 296 84 84 (pbx) akmenkul@hakmenkul.com.tr
INDIA	PhillipCapital (India) Private Limited No. 1, C-Block, 2nd Floor, Modern Center , Jacob Circle, K. K. Marg, Mahalaxmi Mumbai 400011 Tel: (9122) 2300 2999 Website: www.phillipcapital.in
DUBAI	PhillipCapital (India) Pvt Ltd.601, White Crown Building Dubai UAE. Mahalaxmi Mumbai 400011 Tel: (9122) 2300 2999 Website: www.phillipcapital.in
CAMBODIA	Building No71, St 163, Sangkat Toul Svay Prey I, Khan Chamkarmorn, Phnom Penh, Kingdom of Cambodia Tel: (855) 23 217 942 Website: www.kredit.com.kh

## Disclosures and Disclaimers

---



This publication is prepared and issued by Phillip Securities (Thailand) PLC., which is regulated by SEC Thailand. References to "PST" in this report shall mean Phillip Securities (Thailand) PLC unless otherwise stated. By receiving or reading this report, you agree to be bound by the terms and limitations set out below.

This publication has been provided to you for personal use only. The copyright belongs exclusively to PST. All rights are reserved. Any unauthorized use or disclosure is prohibited. No reprinting or reproduction, in whole or in part, is permitted without the PST's prior consent, except that a recipient may reprint it for internal circulation only and only if it is reprinted in its entirety. If you have received this documentation by mistake, please delete or destroy it., and notify the sender immediately.

This report is prepared and distributed by PST for information purposes only and neither the information contained herein nor any opinion expressed should be construed or deemed to be construed as solicitation or as offering advice for the purposes of the purchase or sale of any security, investment or derivatives. The information and opinions contained in the Report were considered by PST to be valid when published. The report also contains information provided to PST by third parties. The source of such information will usually be disclosed in the report. Whilst PST has taken all reasonable steps to ensure that this information is correct, PST does not offer any warranty as to the accuracy or completeness of such information. Any person placing reliance on the report to undertake trading does so entirely at his or her own risk and PST does not accept any liability as a result. Securities and Derivatives markets may be subject to rapid and unexpected price movements and past performance is not necessarily an indication to future performance.

This report does not have regard to the specific investment objectives, financial situation and the particular needs of any specific person who may receive this report. Investors must undertake independent analysis with their own legal, tax and financial advisors and reach their own decision regarding the appropriateness of investing in any securities or investment strategies discussed or recommended in this report and should understand that statements regarding future prospects may not be realized. In no circumstances it be used or considered as an offer to sell or a solicitation of any offer to buy or sell the Securities mentioned in it. The information contained in the research reports may have been taken from trade and statistical services and other sources, which we believe are reliable. Phillip Securities (Thailand) PCL or any of its group/associate/affiliate companies do not guarantee that such information is accurate or complete and it should not be relied upon as such. Any opinions, forecasts, assumptions, estimates, valuations and prices contained in this material are as of the date indicated and are subject to change at any time without prior notice.

**Important:** These disclosures and disclaimers must be read in conjunction with the research report of which it forms part. Receipt and use of the research report is subject to all aspects of these disclosures and disclaimers. Additional information about the issuers and securities discussed in this research report is available on request.

**Certifications:** The research analyst(s) who prepared this research report hereby certifies that the views expressed in this research report accurately reflect the research analyst's personal views about all of the subject issuers and/or securities, that the analyst have no known conflict of interest and no part of the research analyst's compensation was, is or will be, directly or indirectly, related to the specific views or recommendations contained in this research report.

Phillip Securities (Thailand) PCL, or persons associated with or connected to PST, including but not limited to its officers, directors, employees or persons involved in the preparation or issuance of this report, may provide an array of financial services to a large number of corporations in Thailand and worldwide, including but not limited to commercial / investment banking activities (including sponsorship, financial advisory or underwriting activities), brokerage or securities trading activities. PST, or persons associated with or connected to PST, including but not limited to its officers, directors, employees or persons involved in the preparation or issuance of this report, may have participated in or invested in transactions with the issuer(s) of the securities mentioned in this publication, and may have performed services for or solicited business from such issuers. Additionally, PST, or persons associated with or connected to PST, including but not limited to its officers, directors, employees or persons involved in the preparation or issuance of this report, may have provided advice or investment services to such companies and investments or related investments as may be mentioned in this publication.

## Disclosures and Disclaimers (Cont.)

---



PST or persons associated with or connected to PST, including but not limited to its officers, directors, employees or persons involved in the preparation or issuance of this report may, from time to time maintain a long or short position in securities referred to herein, or in related futures or options, purchase or sell, make a market in, or engage in any other transaction involving such securities, and earn brokerage or other compensation in respect of the foregoing. Investments will be denominated in various currencies including US dollars and Euro and thus will be subject to any fluctuation in exchange rates between US dollars and Euro or foreign currencies and the currency of your own jurisdiction. Such fluctuations may have an adverse effect on the value, price or income return of the investment.

To the extent permitted by law, PST, or persons associated with or connected to PST, including but not limited to its officers, directors, employees or persons involved in the preparation or issuance of this report, may at any time engage in any of the above activities as set out above or otherwise hold a interest, whether material or not, in respect of companies and investments or related investments which may be mentioned in this publication. Accordingly, information may be available to PST, or persons associated with or connected to PST, including but not limited to its officers, directors, employees or persons involved in the preparation or issuance of this report, which is not reflected in this material, and PST, or persons associated with or connected to PST, including but not limited to its officers, directors, employees or persons involved in the preparation or issuance of this report, may, to the extent permitted by law, have acted upon or used the information prior to or immediately following its publication. PST, or persons associated with or connected to PST, including but not limited its officers, directors, employees or persons involved in the preparation or issuance of this report, may have issued other material that is inconsistent with, or reach different conclusions from, the contents of this material.

**Suitability and Risks:** This research report is for informational purposes only and is not tailored to the specific investment objectives, financial situation or particular requirements of any individual recipient hereof. Certain securities may give rise to substantial risks and may not be suitable for certain investors. Each investor must make its own determination as to the appropriateness of any securities referred to in this research report based upon the legal, tax and accounting considerations applicable to such investor and its own investment objectives or strategy, its financial situation and its investing experience. The value of any security may be positively or adversely affected by changes in foreign exchange or interest rates, as well as by other financial, economic or political factors. Past performance is not necessarily indicative of future performance or results.

**Sources, Completeness and Accuracy:** The material herein is based upon information obtained from sources that PST and the research analyst believe to be reliable, but neither PST nor the research analyst represents or guarantees that the information contained herein is accurate or complete and it should not be relied upon as such. Opinions expressed herein are current opinions as of the date appearing on this material and are subject to change without notice. Furthermore, PST is under no obligation to update or keep the information current.

**Caution:** Risk of loss in trading in can be substantial. You should carefully consider whether trading is appropriate for you in light of your experience, objectives, financial resources and other relevant circumstances.

**For U.S. persons only:** This research report is a product of Phillip Securities (Thailand) PCL which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are

resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of FINRA or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account.

This report is intended for distribution by Phillip Securities (Thailand ) PCL only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor.

### **Phillip Securities (Thailand) PCL**

Registered office: 15/F, Vorawat Building, 849 Silom Road, Bangrak, Bangkok 10500 Thailand