Berli Jucker

BJC

Berli Jucker Bloomberg BJC TB Public Company Limited Reuters BJC.BK



2Q19: Beat estimates on impressive margin

2Q19 net profit was Bt1.5bn (+9% YoY and +2% QoQ) and core profit was Bt1.8bn (+37% YoY and +20% QoQ), beating estimates on a wider gross margin and lower tax rate. Factoring these in raises our earnings by 4% in 2019F and 3% in 2020F. Last year's abnormally low effective tax rate leads us to expect lower core earnings growth YoY in 2H19F. NEUTRAL with a new DCF TP of Bt54 (from Bt53).

2Q19 net profit was Bt1.5bn, +9% YoY and +2% QoQ, 10% above our estimate and 15% above consensus from a wider gross margin and lower tax rate. Excluding Bt274mn extra loss (Bt245mn after-tax provisions for employee benefits, Bt29mn FX loss), 2Q19 core profit was Bt1.8bn, +37% YoY and +20% QoQ. The jump YoY was supplied by better sales, wider gross margin and lower effective tax rate. BJC announced a 1H19 DPS of Bt0.18 (XD on August 28).

Sales breakdown. Of 2Q19 sales, 72% came from the modern retail supply chain (BIGC, MSC), 12% from the packaging supply chain (PSC), 12% from the consumer supply chain (CSC) and 5% from the healthcare and technical supply chain (H&TSC).

Revenue up. 2Q19 revenue grew 4% YoY to Bt40bn on better sales in all units. Revenue from MSC grew 3% YoY, with store expansion offsetting SSS contraction of 0.3% YoY (SSS growth was +0.4% YoY if excluding B2B sales). In 2Q19, it opened 63 mini BigC stores but closed 25, giving it 147 large stores (Big C Supercenter, Extra, and Jumbo), 61 Big C Markets, 835 Mini Big Cs, and 140 Pure Drug stores. Revenue from CSC grew 9% YoY from better food and non-food and international trading sales. Revenue from H&TSC grew 4% YoY from consolidation of White Group. Revenue from PSC grew 2% YoY from higher aluminum can sales (+3% YoY in 2Q19 from -17% YoY in 1Q19) as orders from new customers offset the decline of orders from an old customer and a rise in glass packaging sales (+2% YoY).

Wider margin. Gross margin widened 120bps YoY to 19.9% with a better margin for MSC and CSC outpacing the weaker margin for PSC and H&TSC. Margin rose at MSC (+130bps YoY) from a drop in B2B sales to 6.3% in 2Q19 from 7.1% in 2Q18, lower damage and shrinkage expenses and lower inventory provision expenses on good stock management and at CSC (+140bps YoY) from lower raw material prices of palm oil, crude coconut oil and pulp prices. Margin dropped at PSC (-110bps YoY) from lower economies of scale for the new can sizes and more low-margin export sales, followed by H&TSC (-90bps YoY). EBIT margin rose 50bps YoY to 8.8% from a wider gross margin and higher other income (+3% YoY) that offset higher SG&A/sales (+60bps YoY), most at MSC from higher personnel & utilities expenses.

Lower tax. 2Q19 effective tax rate was 12% (vs 22% in 2Q18 and 15% in 1Q19), from more benefit from the group tax restructuring after the acquisition of BIGC.

Forecasts and valuation

Year to 31 Dec	Unit	2017	2018	2019F	2020F	2021F
Revenue	(Btmn)	149,158	156,142	162,822	170,221	177,585
EBITDA	(Btmn)	20,040	21,032	21,817	22,865	23,798
Core profit	(Btmn)	5,122	6,444	7,038	7,653	8,248
Reported profit	(Btmn)	5,211	6,650	6,782	7,653	8,248
Core EPS	(Bt)	1.28	1.61	1.76	1.91	2.06
DPS	(Bt)	0.57	0.73	0.70	0.77	0.82
P/E, core	(x)	38.4	30.6	28.0	25.7	23.9
EPS growth, core	(%)	35.5	25.6	9.2	8.7	7.8
P/BV, core	(x)	1.8	1.7	1.7	1.7	1.7
ROE	(%)	4.6	5.7	6.1	6.6	7.0
Dividend yield	(%)	1.2	1.5	1.4	1.6	1.7
FCF yield	(x)	1.3	3.0	3.8	4.5	4.9
EV/EBIT	(x)	27.6	26.1	25.2	23.9	22.7
EBIT growth, core	(%)	33.5	6.5	3.2	4.9	4.2
EV/CE	(x)	1.3	1.3	1.3	1.3	1.3
ROCE	(%)	(0.6)	(0.7)	(0.8)	(0.8)	(0.9)
EV/EBITDA	(x)	17.4	16.7	16.1	15.2	14.5
EBITDA growth	(%)	28.7	5.0	3.7	4.8	4.1

Source: SCBS Investment Research

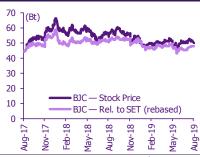
NEUTRAL

Stock data

Last close (Aug 14) (Bt)	49.25
12-m target price (Bt)	54.00
Upside (Downside) to TP (%)	9.64
Mkt cap (Btbn)	197.27
Mkt cap (US\$mn)	6,405

Risk rating	L
Mkt cap (%) SET	1.18
Sector % SET	10.08
Shares issued (mn)	4,005
Par value (Bt)	1.00
12-m high / low (Bt)	61.5 / 44.8
Avg. daily 6m (US\$mn)	10.99
Foreign limit / actual (%)	49 / 12
Free float (%)	25.7
Dividend policy (%)	≥ 50

Price performance



Source: SET, SCBS Investment Research

Share performance

(%)	1M	3M	12M
Absolute	(2.5)	(4.4)	(10.5)
Relative to SET	4.3	(3.1)	(6.3)
Source: SET, SCBS Inves	tment Rese	arch	

Expected total return (ETR)

	(=)	
Target price	(Bt)	54.00
12-month dividend	(Bt)	0.70
Capital gain	(%)	9.64
Dividend yield	(%)	1.43
Total return	(%)	11.07

Source: SET, SCBS Investment Research

Analyst

Sirima Dissara, CFA

Fundamental Investment Analyst on Securities (66-2) 949-1004 sirima.dissara@scb.co.th



Financial statement Profit and Loss Statement FY December 31

FY December 31	Unit	2014	2015	2016	2017	2018	2019F	2020F	2021F
Total revenue	(Btmn)	41,695	42,893	125,330	149,158	156,142	162,822	170,221	177,585
Cost of goods sold	(Btmn)	(32,363)	(33,071)	(102,735)	(120,706)	(126,173)	(130,970)	(136,780)	(142,558)
Gross profit	(Btmn)	9,333	9,822	22,595	28,452	29,968	31,852	33,441	35,027
SG&A	(Btmn)	(7,011)	(7,179)	(24,324)	(30,686)	(32,263)	(34,425)	(36,145)	(37,913)
Other income	(Btmn)	693	1,500	11,204	14,885	15,771	16,478	17,289	18,081
Interest expense	(Btmn)	(556)	(493)	(5,203)	(4,528)	(4,719)	(4,951)	(4,897)	(4,796)
Pre-tax profit	(Btmn)	2,459	3,650	4,272	8,122	8,757	8,954	9,688	10,398
Corporate tax	(Btmn)	(398)	(400)	(983)	(2,260)	(1,569)	(1,343)	(1,453)	(1,560)
Equity a/c profits	(Btmn)	(26)	87	181	24	(110)	(74)	(81)	(90)
Minority interests	(Btmn)	(367)	(661)	(1,015)	(764)	(634)	(499)	(500)	(501)
Core profit	(Btmn)	1,668	2,676	2,455	5,122	6,444	7,038	7,653	8,248
Extra-ordinary items	(Btmn)	12	116	851	88	206	(256)	0	0
Net Profit	(Btmn)	1,679	2,792	3,307	5,211	6,650	6,782	7,653	8,248
EBITDA	(Btmn)	4,996	6,263	15,570	20,040	21,032	21,817	22,865	23,798
Core EPS (Bt)	(Btmn)	1.05	1.68	0.95	1.28	1.61	1.76	1.91	2.06
Net EPS (Bt)	(Bt)	1.05	1.75	1.28	1.31	1.66	1.70	1.91	2.06
DPS (Bt)	(Bt)	0.60	0.84	0.50	0.57	0.73	0.70	0.77	0.82
Balance Sheet									
FY December 31	Unit	2014	2015	2016	2017	2018	2019F	2020F	2021F
Total current assets	(Btmn)	17,763	18,380	35,993	38,542	43,360	41,835	43,244	44,466
Total fixed assets	(Btmn)	25,665	26,320	272,708	276,517	279,661	279,712	279,019	278,001
Total assets	(Btmn)	43,428	44,701	308,701	315,059	323,021	321,547	322,263	322,467
Total loans	(Btmn)	14,332	14,975	152,476	157,180	160,917	156,122	153,622	150,272
Total current liabilities	(Btmn)	18,204	15,313	51,851	50,254	90,286	75,191	85,196	66,912
Total long-term liabilities	(Btmn)	7,208	8,637	145,701	153,631	117,651	130,299	119,999	137,127
Total liabilities	(Btmn)	25,411	23,950	197,553	203,886	207,937	205,490	205,195	204,039
Paid-up capital	(Btmn)	1,592	1,592	3,990	3,996	4,003	4,570	4,570	4,570
Total equity	(Btmn)	18,017	20,750	111,148	111,173	115,084	116,057	117,068	118,428
BVPS (Bt)	(Bt)	11.31	13.03	42.87	27.85	28.77	29.02	29.27	29.61
Cash Flow Statement									
FY December 31	Unit	2014	2015	2016	2017	2018	2019F	2020F	2021F
Core Profit	(Btmn)	1,668	2,676	2,455	5,122	6,444	7,038	7,653	8,248
Depreciation and amortization	(Btmn)	1,982	2,121	6,095	7,389	7,556	7,912	8,279	8,604
Operating cash flow	(Btmn)	4,396	4,693	17,938	17,380	17,636	15,448	16,383	17,299
Investing cash flow	(Btmn)	(3,284)	(1,611)	(208,512)	(14,846)	(11,641)	(7,963)	(7,586)	(7,586)
Financing cash flow	(Btmn)	(1,352)	(3,151)	192,912	(1,390)	(4,683)	(10,521)	(9,142)	(10,238)
Net cash flow	(Btmn)	(240)	(69)	2,338	1,145	1,312	(3,035)	(346)	(525)
Key Financial Ratios									
FY December 31	Unit	2014	2015	2016	2017	2018	2019F	2020F	2021F
Gross margin	(%)	22.4	22.9	18.0	19.1	19.2	19.6	19.6	19.7
Operating margin	(%)	5.6	6.2	(1.4)	(1.5)	(1.5)	(1.6)	(1.6)	(1.6)
EBITDA margin	(%)	12.0	14.6	12.4	13.4	13.5	13.4	13.4	13.4
EBIT margin	(%)	7.2	9.7	7.6	8.5	8.6	8.5	8.6	8.6
Net profit margin	(%)	4.0	6.5	2.6	3.5	4.3	4.2	4.5	4.6
ROE	(%)	9.3	13.8	3.7	4.6	5.7	6.1	6.6	7.0
ROA	(%)	3.8	6.1	1.4	1.6	2.0	2.2	2.4	2.6
Not D/E	(4)	0.7	0.7	1.2	1.4	1.2	1.2	1.2	1 2

Main Assumptions

Net D/E

Interest coverage

Payout Ratio

Debt service coverage

FY December 31	Unit	2014	2015	2016	2017	2018	2019F	2020F	2021F
SSS growth (MSC)	(%)	(1.5)	(3.0)	(12.8)	(5.6)	1.0	0.5	1.5	1.5
New stores, all formats (MSC)	(Stores)	77	98	63	180	154	209	157	157
Ending stores, all formats (MSC)	(Stores)	636	734	797	977	1,131	1,340	1,497	1,654
New stores, hypermarket (MSC)	(Stores)	4	2	6	9	7	8	6	6
Ending stores, hypermarket (MSC)	(Stores)	123	125	131	140	147	155	161	167
Gross profit margin (MSC)	(%)	15.0	13.7	14.7	16.7	16.5	17.1	17.2	17.3

0.7

12.7

0.8

47.9

1.3

3.0

0.6

39.2

1.4

4.4

0.9

43.7

1.3

4.5

0.3

43.9

1.3

4.4

0.5

40.0

1.3

4.7

0.4

1.3

5.0

0.7

40.0

0.7

9.0

0.6

56.9

(x)

(x) (x)

(%)

Thu, Aug 15, 2019 2



Financial statement

Profit	and	LOSS	Stater	nent

FY December 31	Unit	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18	1Q19	2Q19
Total revenue	(Btmn)	37,067	39,307	37,069	39,024	38,823	41,226	38,389	40,435
Cost of goods sold	(Btmn)	(29,799)	(31,505)	(30,055)	(31,707)	(31,414)	(32,998)	(30,969)	(32,368)
Gross profit	(Btmn)	7,268	7,802	7,014	7,317	7,409	8,228	7,421	8,067
SG&A	(Btmn)	(7,662)	(8,169)	(7,597)	(8,030)	(8,096)	(8,539)	(8,227)	(8,571)
Other income	(Btmn)	3,661	4,018	3,737	3,925	3,923	4,186	3,929	4,044
Interest expense	(Btmn)	(1,116)	(1,174)	(1,146)	(1,170)	(1,193)	(1,211)	(1,197)	(1,245)
Pre-tax profit	(Btmn)	2,151	2,477	2,008	2,042	2,043	2,664	1,925	2,294
Corporate tax	(Btmn)	(576)	(558)	(506)	(456)	(195)	(412)	(289)	(274)
Equity a/c profits	(Btmn)	7	0	(6)	(76)	(39)	10	6	(81)
Minority interests	(Btmn)	(203)	(188)	(184)	(195)	(115)	(140)	(146)	(138)
Core profit	(Btmn)	1,378	1,731	1,312	1,316	1,694	2,122	1,496	1,802
Extra-ordinary items	(Btmn)	9	132	133	80	(11)	3	8	(274)
Net Profit	(Btmn)	1,387	1,863	1,445	1,396	1,683	2,126	1,504	1,528
EBITDA	(Btmn)	5,156	5,571	5,020	5,109	5,110	5,794	5,005	5,443
Core EPS (Bt)	(Btmn)	0.35	0.43	0.33	0.33	0.42	0.53	0.37	0.45
Net EPS (Bt)	(Bt)	0.35	0.47	0.36	0.35	0.42	0.53	0.38	0.38
Balance Sheet FY December 31	Unit	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18	1Q19	2Q19
Total current assets	(Btmn)	35,789	38,542	38,491	38,190	38,876	43,360	43,120	41,138
Total fixed assets	(Btmn)	276,767	276,517	276,842	276,968	278,273	279,661	279,656	278,863
Total assets	(Btmn)	312,556	315,059	315,332	315,159	317,148	323,021	322,775	320,002
Total loans	(Btmn)	158,278	157,180	156,973	157,453	159,195	160,917	160,572	158,288
Total current liabilities	(Btmn)	53,030	50,254	61,514	59,247	85,047	90,286	83,156	93,724
Total long-term liabilities	(Btmn)	150,483	153,631	141,574	143,673	118,985	117,651	123,203	110,681
Total liabilities	(Btmn)	203,513	203,886	203,088	202,920	204,032	207,937	206,359	204,406
Paid-up capital	(Btmn)	3,993	3,996	3,997	4,000	4,002	4,003	4,003	4,005
Total equity	(Btmn)	109,043	111,173	112,245	112,239	113,117	115,084	116,416	115,596
BVPS (Bt)	(Bt)	27.31	27.84	28.08	28.07	28.27	28.76	29.10	28.89
Cash Flow Statement									
FY December 31	Unit	3017	4017	1018	2018	3018	4018	1019	2Q19
Core Profit	(Btmn)	1,387	1,863	1,445	1,396	1,683	2,126	1,504	1,528
Depreciation and amortization	(Btmn)	1,889	1,920	1,867	1,896	1,874	1,919	1,883	1,903
Operating cash flow	(Btmn)	4,738	6,792	2,637	4,214	4,790	5,995	3,925	5,258
Investing cash flow	(Btmn)	(7,650)	(3,453)	(2,205)	(2,136)	(3,002)	(4,298)	(2,150)	5,912
Financing cash flow	(Btmn)	3,490	(1,668)	(1,653)	(1,899)	(1,035)	(96)	(1,096)	(5,513)
Net cash flow	(Btmn)	577	1,671	(1,033)	1 79	753	1,601	679	5,656
itee casil liow	(Dillill)	377	1,071	(1,221)	1/3	733	1,001	0/9	3,030
Key Financial Ratios		204-	4045	1015	2015	2012	1015	1015	2010
FY December 31	Unit	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18	1Q19	2Q19

FY December 31	Unit	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18	1Q19	2Q19
Gross margin	(%)	19.6	19.8	18.9	18.8	19.1	20.0	19.3	19.9
Operating margin	(%)	(1.1)	(0.9)	(1.6)	(1.8)	(1.8)	(0.8)	(2.1)	(1.2)
EBITDA margin	(%)	13.9	14.2	13.5	13.1	13.2	14.1	13.0	13.5
EBIT margin	(%)	8.8	9.3	8.5	8.2	8.3	9.4	8.1	8.8
Net profit margin	(%)	3.7	4.7	3.9	3.6	4.3	5.2	3.9	3.8
ROE	(%)	5.0	6.3	4.7	4.7	6.0	7.4	5.2	6.2
ROA	(%)	1.8	2.2	1.7	1.7	2.1	2.7	1.9	2.2
Net D/E	(x)	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3
Interest coverage	(x)	4.6	4.7	4.4	4.4	4.3	4.8	4.2	4.4
Debt service coverage	(x)	0.8	1.0	0.6	0.6	0.3	0.4	0.4	0.3

Main Assumptions

FY December 31	Unit	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18	1Q19	2Q19
SSS growth (MSC)	(%)	9.2	3.8	0.3	(0.5)	2.5	1.8	1.0	(0.3)
New stores, all formats (MSC)	(Stores)	59	73	26	27	28	73	14	38
Ending stores, all formats (MSC)	(Stores)	904	977	1,003	1,030	1,058	1,131	1,145	1,183
New stores, hypermarket (MSC)	(Stores)	3	5	2	1	2	2	0	0
Ending stores, hypermarket (MSC)	(Stores)	135	140	142	143	145	147	147	147
Gross profit margin (MSC)	(%)	17.7	17.3	15.9	16.1	16.8	17.2	16.3	17.4

Thu, Aug 15, 2019 3



Figure 1: Earnings review

P & L (Btmn)	2Q18	3Q18	4Q18	1Q19	2Q19	% Chg YoY	% Chg QoQ
Total revenue	39,024	38,823	41,226	38,389	40,435	3.6	5.3
Gross profit	7,317	7,409	8,228	7,421	8,067	10.2	8.7
SG&A expense	(8,030)	(8,096)	(8,539)	(8,227)	(8,571)	6.7	4.2
Net other income/expense	3,925	3,923	4,186	3,929	4,044	3.0	2.9
Interest expense	(1,170)	(1,193)	(1,211)	(1,197)	(1,245)	6.4	4.0
Pre-tax profit	2,042	2,043	2,664	1,925	2,294	12.3	19.2
Corporate tax	(456)	(195)	(412)	(289)	(274)	(40)	(5.3)
Equity a/c profits	(76)	(39)	10	6	(81)	6.3	(1,385.1)
Minority interests	(195)	(115)	(140)	(146)	(138)	(28.8)	(5.0)
EBITDA	5,109	5,110	5,794	5,005	5,443	6.5	8.7
Core profit	1,316	1,694	2,122	1,496	1,802	36.9	20.4
Extra. Gain (Loss)	80	(11)	3	8	(274)	(442.5)	(3,726.6)
Net Profit	1,396	1,683	2,126	1,504	1,528	9.4	1.6
Net EPS	0.35	0.42	0.53	0.38	0.38	9.4	1.6
B/S (Btmn)							
Total assets	315,159	317,148	323,021	322,775	320,002	1.5	(0.9)
Total liabilities	202,920	204,032	207,937	206,359	204,406	0.7	(0.9)
Total equity	112,239	113,117	115,084	116,416	115,596	3.0	(0.7)
BVPS (Bt)	28.07	28.27	28.76	29.10	28.89	2.9	(0.7)
Financial ratio (%)							
Gross margin	18.8	19.1	20.0	19.3	19.9	1.2	0.6
EBITDA margin	13.1	13.2	14.1	13.0	13.5	0.4	0.4
Net profit margin	3.6	4.3	5.2	3.9	3.8	0.2	(0.1)
SG&A expense/Revenue	20.6	20.9	20.7	21.4	21.2	0.6	(0.2)

Source: SCBS Investment Research

Figure 2: Key statistics

	2Q18	3Q18	4Q18	1Q19	2Q19	% Chg YoY	% Chg QoQ
Sales (Bt mn)	39,024	38,823	41,226	38,389	40,435	3.6	5.3
- PSC	4,880	5,040	5,851	4,896	4,989	2.2	1.9
- CSC	4,332	4,342	4,578	4,728	4,734	9.3	0.1
- H&TSC	1,997	2,022	2,603	1,998	2,079	4.1	4.1
- MSC	28,010	27,655	28,532	27,047	28,990	3.5	7.2
GPM (%)	18.8	19.1	20.0	19.3	19.9	1.2	0.6
- PSC	22.2	20.8	21.3	22.7	21.1	(1.1)	(1.6)
- CSC	20.2	20.3	20.8	21.9	21.6	1.4	(0.3)
- H&TSC	31.9	32.1	33.1	32.0	31.0	(0.9)	(1.0)
- MSC	16.1	16.8	17.2	16.3	17.4	1.3	1.1
EBIT margin (%)	8.2	8.3	9.4	8.1	8.8	0.5	0.6
- PSC	17.3	14.3	15.7	15.0	15.7	(1.6)	0.7
- CSC	8.0	7.2	6.5	8.0	8.8	0.8	0.8
- H&TSC	10.5	12.2	17.1	14.4	11.6	1.1	(2.8)
- MSC	6.8	7.4	7.4	6.4	7.1	0.3	0.7

Source: SCBS Investment Research

Figure 3: Valuation summary (price as of Aug 14, 2019)

_																						
	Rating	Price	Target	ETR	P	/E (x)	EPS growth (%)		(%)	P/BV (x)		ROE (%)		Div. Yield (%)			EV/EBITDA (x)				
		(Bt/Sh)	(Bt/Sh)	(%)	18A	19F	20F	18A	19F	20F	18A	19F	20F	18A	19F	20F	18A	19F	20F	18A	19F	20F
BJC	Neutral	49.25	54.0	11.1	30.6	28.0	25.7	26	9	9	1.7	1.7	1.7	6	6	7	1.5	1.4	1.6	16.7	16.1	15.2
CPALL	Buy	83.50	98.0	18.8	39.0	37.1	32.8	16	5	13	9.3	7.5	6.7	28	24	23	1.3	1.4	1.6	21.6	20.2	18.3
GLOBAL	Buy	15.30	19.0	25.5	40.0	32.1	33.8	(4)	25	(5)	4.8	4.3	4.0	13	14	12	1.1	1.3	0.9	26.1	21.7	22.0
HMPRO	Buy	17.10	19.5	16.4	39.7	34.5	30.6	16	15	13	11.3	10.3	9.4	29	31	32	2.0	2.3	2.6	22.6	20.3	18.5
MAKRO	Neutral	35.50	40.0	15.4	27.6	28.7	27.7	14	(4)	3	9.5	8.8	8.2	37	32	31	2.7	2.7	2.7	16.8	17.0	16.6
ROBINS	Buy	62.75	70.0	13.9	23.3	21.4	19.0	7	11	9	3.7	3.4	3.1	16	17	17	2.2	2.3	2.6	12.9	12.3	11.1
Average					33.4	30.3	28.3	13	10	7	6.7	6.0	5.5	22	21	20	1.8	1.9	2.0	19.5	17.9	16.9

Source: SCBS Investment Research

Thu, Aug 15, 2019 4



Disclaimer

The information in this report has been obtained from sources believed to be reliable. However, its accuracy or completeness is not guaranteed. Any opinions expressed herein reflect our judgment at this date and are subject to change without notice. This report is for information only. It is not to be construed as an offer, or solicitation of an offer to sell or buy any securities. We accept no liability for any loss arising from the use of this document. We or our associates may have an interest in the companies mentioned therein.

SCB Securities Company Limited ("SCB") is a wholly-owned subsidiary of The Siam Commercial Bank Public Company Limited ("SCB"). Any information related to SCB is for sector comparison purposes.

SCB Securities Company Limited ("SCBS") acts as market maker and issuer of Derivative Warrants on the ordinary shares ADVANC, AOT, BANPU, BDMS, BEM, BH, BJC, CBG, CENTEL, DTAC, EA, ESSO, GFPT, INTUCH, IRPC, IVL, KCE, KTC, MINT, MTC, ORI, PLANB, PRM, PTT, PTTEP, PTTGC, ROBINS, RS, SAWAD, SGP, STA, TKN, TOP, VGI, WORK

Before making an investment decision over a derivative warrant, an investor should carefully read the prospectus for the details of the said derivative warrants. Any opinion, news, research, analyse, price, statement, forecast, projection and/or other information contained in this document (the "Information") is provided as general purpose information only, and shall not be construed as a recommendation to any person of an offer to buy or sell, or the solicitation of an offer to buy or sell, any securities. SCBS and/or its directors, officers, employees, and agents shall not be liable for any direct, incidental, special or consequential loss or damage, resulting from the use of, or reliance on, the Information, including without limitation, damages for loss of profits. The investor should use the Information in association with other information and opinion, including his/her own judgment in making investment decision. The Information is obtained from sources believed to be reliable, and SCBS cannot guarantee the accuracy, completeness and/or correctness of the Information.

SCBS reserves the right to modify the Information from time to time at its sole discretion without giving any notice. This document is delivered to intended recipient(s) only and is not permitted to reproduce, retransmit, disseminate, sell, distribute, republish, circulate or commercially exploit the Information in any manner without the prior written consent of SCBS.

This document is prepared by SCB Securities Company Limited ("SCBS") which is wholly-owned by The Siam Commercial Bank Public Company Limited ("SCB"). SCB has acted as Financial Advisor, Lead Arranger of Global Power Synergy Public Company Limited. Any opinions, news, research, analyses, prices, statements, forecasts, projections and/or other information contained in this document (the "Information") is provided as general information purposes only, and shall not be construed as individualized recommendation of an offer to buy or sell or the solicitation of an offer to buy or sell any securities. SCBS and/or its directors, officers and employees shall not be liable for any direct, indirect, incidental, special or consequential loss or damage, resulting from the use of or reliance on the Information, including without limitation to, damages for loss of profits. The investors shall use the Information in association with other information and opinion, including their own judgment in making investment decision. The Information is obtained from sources believed to be reliable, and SCBS cannot guarantee the accuracy, completeness and/or correctness of the Information.

This document is prepared by SCB Securities Company Limited ("SCBS") which is wholly-owned by The Siam Commercial Bank Public Company Limited ("SCB"). SCB Asset Management Company Limited ("SCBM") which is wholly-owned by The Siam Commercial Bank Public Company Limited ("SCB"). SCB has acted as Financial Advisor of Digital Telecommunications Infrastructure Fund. SCBAM has acted as Fund Manager of Digital Telecommunications Infrastructure Fund. Any opinions, news, research, analyses, prices, statements, forecasts, projections and/or other information contained in this document (the "Information") is provided as general information purposes only, and shall not be construed as individualized recommendation of an offer to buy or sell or the solicitation of an offer to buy or sell any securities. SCBS and/or its directors, officers and employees shall not be liable for any direct, incidental, special or consequential loss or damage, resulting from the use of or reliance on the Information, including without limitation to, damages for loss of profits. The investors shall use the Information in association with other information and opinion, including their own judgment in making investment decision. The Information is obtained from sources believed to be reliable, and SCBS cannot guarantee the accuracy, completeness and/or correctness of the Information.

Futures and Options trading carry a high level of risk with the potential for substantial losses, and are not suitable for all persons. Before deciding to trade Futures and Options, you should carefully consider your financial position, investment objectives, level of experience, and risk appetite if Futures and Options trading are appropriate. The possibility exists that you could sustain a loss of some or all of your initial investment. You should be aware of all the risks associated with Futures and Options trading, and you are advised to rely on your own judgment while making investment decision and/or should seek advice from professional investment advisor if you have any doubts.

This document is delivered to intended recipient(s) only and is not permitted to reproduce, retransmit, disseminate, sell, distribute, republish, circulate or commercially exploit the Information in any manner without the prior written consent of SCBS.

Copyright©2012 SCB Securities Company Limited. All rights reserved.

Thu, Aug 15, 2019 5



CG Rating 2018 Companies with CG Rating

ADVANC, AKP, AMATA, AMATAV, ANAN, AOT, AP, BAFS, BANPU, BAY, BCP, BCPG, BRR, BTS, BWG, CFRESH, CHO, CK, CKP, CM, CNT, COL, CPF, CPI, CPN, CSL, CSS, DELTA, DEMCO, DRT, DTAC, DTC, EA, EASTW, EGCO, GC, GEL, GFPT, GGC*, GOLD, GPSC, GRAMMY, GUNKUL, HANA, HMPRO, ICC, ICHI, INTUCH, IRPC, IVL, JSP, KBANK, KCE, KKP, KSL, KTB, KTC, LHFG, LIT, LPN, MAKRO, MBK, MCOT, MINT, MONO, MTC, NCL, NKI, NVD, NYT, OISHI, OTO, PCSGH, PDJ, PG, PHOL, PLANB, PLANET, PPS, PRG, PSH, PSL, PTG, PTT, PTTEP, PTTGC, PYLON, Q-CON, QH, QTC, RATCH, ROBINS, S & J, SABINA, SAMART, SAMTEL, SAT, SC, SCB, SCC, SCCC, SDC, SE-ED, SIS, SITHAI, SNC, SPALI, SPRC, SSSC, STEC, SVI, SYNTEC, TASCO, TCAP, THAI, THANA, THANA TMB, TNDT, TOP, TRC, TRU, TRUE, TSC, TSTH, TTCL, TU, TVD, UAC, UV, VGI, VIH, WACOAL, WAVE, WHA, WINNER

2S, AAV, ACAP, AGE, AH, AHC, AIRA, AIT, AKR, ALLA, ALT, AMA, AMANAH, APCO, AQUA, ARIP, ARROW, ASIA, ASIMAR, ASK, ASN, ASP, ATP30, AU, AUCT, AYUD, BA, BBL, BDMS, BEC, BEM, BFIT, BGRIM, BIZ, BJC, BJCHI, BLA, BOL, BPP, BROOK, BTW, CBG, CEN, CENTEL, CGH, CHEWA, CHG, CHOW, CI, CIMBT, CNS, COM7, COMAN, CPALL, CSC, CSP, DCC, DCORP, DDD, EASON, ECF, ECL, EE, EPG, ERW, ETE, FN, FNS, FORTH, FPI, FSMART, FVC, GBX, GCAP, GLOBAL, GLOW, GULF, HARN, HPT, HTC, HYDRO, ICN, ILINK, INET, IRC, ITD*, JAS, JCKH, JKN, JWD, K, KBS, KCAR, KGI, KKC, KOOL, KTIS, L&E, LANNA, LDC, LH, LHK, LOXLEY, LRH, LST, M, MACO, MAJOR, MALEE, MBKET, MC, MEGA, METCO, MFC, MFEC, MK, MOONG, MSC, MTI, NCH, NEP, NINE, NOBLE, NOK, NSI, NTV, NWR, OCC, OGC, ORI, PAP, PATO, PB, PDI, PJW, PLAT, PM, PORT, PPP, PREB, PRECHA, PRINC, PRM, PT, QLT, RICHY, RML, RS, RWI, S, S11, SALEE, SANKO, SAWAD, SCG, SCI, SCN, SE, SEAFCO, SEAOIL, SELIC, SENA, SFP, SIAM, SINGER, SIRI, SKE, SMK, SMPC, SMT, SNP, SORKON, SPC, SPI, NEX, SPVI, SR, SSF, SST, STA, SUC, SUSCO, SUTHA, SWC, SYMC, SYNEX, TACC, TAE, TAKUNI, TBSP, TCC, TEAM, TFG, TFMAMA, THRE, TICON, TIPCO, TK, TKN, TKS, TM, TMC, TMI, TMILL, TMT, TNITY, TNL, TNP, TNR, TOA, TOG, TPA, TPAC, TPBI, TPCORP, TRITN, TRT, TSE, TSR, TSTE, TTA, TTW, TVI, TVO, TWP, TWPC, U, UMI, UOBKH, UP, UPF, UPOIC, UT, UWC, VNT, WHAUP, WICE, WIIK, XO, YUASA, ZMICO

7UP, ABICO, ABM, AEC, AEONTS, AF, AJ, ALUCON, AMARIN, AMC, AS, ASAP, ASEFA, ASIAN, BCH, BEAUTY, BGT, BH, BIG, BLAND, BM, BR, BROCK, BSBM, BTNC, CCET, CCP, CGD, CHARAN, CHAYO, CITY, CMO, CMR, COLOR, CPL, CPT, CRD, CSR, CTW, CWT, D, DCON, B52, DIMET, EKH, EMC, EPCO, ESSO, ESTAR, FE, FLOYD, PROUD, FSS, FTE, GENCO, GIFT, GJS, GLAND, GPI, GREEN, GTB, GYT, HTECH, IFS, IHL, III, INOX, INSURE, IRCP, IT, ITEL, J, JCK, JMART, JMT, JTS, JUBILE, KASET, KCM, KIAT, KWC, KWG, KYE, LALIN, LEE, LPH, MATCH, MATL, MBAX, M-CHAI, MDX, META, MILL, MJD, MM, MODERN, MPG, NC, NDR, NETBAY, NNCL, NPK, OCEAN, PAF, PDG, PF, PICO, PIMO, PK, PL, PLE, PMTA, PPPM, PRIN, PSTC, PTL, RCI, RCL, RJH, ROJNA, RPC, RPH, SAMCO, SAPPE, SCP, SF, SGF, SGP, SKN, SKY, SLP, SMIT, SOLAR, SPA, SPCG, SPG, SQ, SRICHA, SSC, SSP, STANLY, STPI, SUN, SUPER, SVOA, T, TCCC, TCMC, THE, THG, THMÚI, SEG, TITLE, TIW, TMD, TOPP, TPCH, TPIPP, TPOLY, TTI, TVT, TYCN, UEC, UMS, UNIQ, VCOM, VIBHA, VPO, WIN, WORK, WP, WPH, ZIGA

Corporate Governance Report

The disclosure of the survey result 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 base 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 date. SCB Securities Company Limited does not conform nor certify the accuracy of such survey result.

To recognize well performers, the list of companies attaining "Good", "Very Good" and "Excellent" levels of recognition (Not including listed companies qualified in the "no announcement of the results" clause from 1 January 2017 to 19 October 2018) is publicized.

CSL was voluntarily delisted from the Stock Exchange of Thailand effectively on July 26, 2018

* บริษัทหรือกรรมการหรือผู้บริหารของบริษัทที่มีข่าวด้านก^ารกำกับดูแลกิจการ เช่น การกระทำผิดเกี่ยวกับหลักทรัพย์ การทุจริต คอร์รัปขัน เป็นต้น ซึ่งการใช้ข้อมูล CGR ควรตระหนักถึง ข่าวดังกล่าวประกอบด้วย

Anti-corruption Progress Indicator

Certified (ได้รับการรับรอง)

ADVANC, AKP, AMANAH, AP, APCS, ASK, ASP, AYUD, BAFS, BANPU, BAY, BBL, BCH, BCP, BCPG, BGRIM, BJCHI, BKI, BLA, BROOK, BRR, BSBM, BTS, BWG, CENTEL, CFRESH, CHEWA, CIG, CM, CNS, COM7, CPALL, CPF, CPI, CPN, CSC, DCC, DEMCO, DIMET, DRT, DTAC, DTC, EASTW, ECL, EGCO, EPCO, FE, FNS, FPT, FSS, GBX, GC, GCAP, GEL, GFPT, GGC, GJS, GLOW, GOLD, GPSC, GSTEEL, GUNKUL, HANA, HARN, HMPRO, HTC, ICC, IFEC, IFS, INET, INTUCH, IRPC, IVL, K, KASET, KBANK, KBS, KCAR, KCE, KGI, KKP, KSL, KTB, KTC, KWC, L&E, LANNA, LHFG, LHK, LPN, M, MAKRO, MALEE, MBAX, MBK, MBKET, MC, MCOT, MFC, MINT, MONO, MOONG, MSC, MTI, NBC, NINE, NKI, NMG, NNCL, NSI, OCC, OCEAN, OGC, PATO, PB, PCSGH, PDG, PDI, PDJ, PE, PG, PHOL, PL, PLANET, PLAT, PM, PPP, PPPM, PPS, PREB, PRG, PRINC, PSH, PSTC, PT, PTG, PTTEP, PTTGC, Q-CON, QH, QLT, RATCH, RML, ROBINS, S & J, SABINA, SAT, SC, SCB, SCC, SCCC, SCG, SCN, SE-ED, SELIC, SENA, SGP, SINGER, SIRI, SIS, SITHAI, SMIT, SMK, SMPC, SNC, SNP, SORKON, SPACK, SPC, SPI, SPRC, SRICHA, SSF, SSI, SSSC, STA, SUSCO, SVI, SYNTEC, TAE, TASCO, TCAP, TCMC, TFG, TFI, TFMAMA, THANI, THCOM, THRE, THREL, TIP, TIPCO, TISCO, TKT, TMB, TMD, TMILL, TMT, TNITY, TNL, TNP, TOG, TOP, TPA, TPCORP, TRU, TRUE, TSC, TSTH, TTCL, TU, TVD, TVI, TWPC, U, UBIS, UOBKH, VGI, VNT, WACOAL, WHA, WICE, WIIK

Declared (ประกาศเจตนารมณ์)

A, ABICO, AIE, AJ, AMATA, AMATAV, ANAN, AOT, APCO, ARROW, ASIAN, B, BJC, BLAND, BLISS, BM, BPP, BR, BUI, CEN, CGH, CHG, CHO, CHOTI, CI, CIMBT, CITY, COL, CPR, DDD, EFORL, EKH, ESTAR, ETE, FLOYD, FN, FPI, FTE, GPI, GYT, ICHI, ILINK, INSURE, IRC, ITEL, JAS, JTS, KWG, LDC, LEE, LIT, LRH, MATCH, MATI, META, MFEC, MILL, MTC, NCL, NEP, NWR, ORI, PAP, PK, PLANB, POST, PRM, PRO, PSL, PYLON, QTC, ROJNA, RWI, SAPPE, SCI, SHANG, SPALI, SST, STANLY, SUPER, SWC, SYMC, SYNEX, TAKUNI, THE, THIP, TKN, TMC, TNR, TOPP, TPP, TRITN, TTI, TVO, UEC, UKEM, UPA, UREKA, UV, UWC, VIH, XO, YUASA

2S, 7UP, AAV, ABM, ACAP, ACC, ACG, ADAM, ADB, AEC, AEONTS, AF, AFC, AGE, AH, AHC, AI, AIRA, AIT, AJA, AKR, ALL, ALLA, ALT, ALUCON, AMA, AMARIN, AMC, APEX, APURE, AQ, AQUA, ARIN, ARIP, AS, ASAP, ASEFA, ASIA, ASIMAR, ASN, ATP30, AU, AUCT, BA, BAT-3K, BCT, BDMS, BEAUTY, BEC, BEM, BFIT, BGC, BGT, BH, BIG, BIZ, BKD, BOL, BROCK, BSM, BTNC, BTW, CAZ, CBG, CCET, CCP, CGD, CHARAN, CHAYO, CHOW, CHUO, CK, CKP, CMAN, CMC, CMO, CMR, CNT, COLOR, COMAN, COTTO, CPH, CPL, CPT, CRANE, CRD, CSP, CSR, CSS, CTW, CWT, D, DCON, DCORP, DELTA, B52, DOD, DOHOME, DTCI, EA, EARTH, EASON, ECF, EE, EIC, EMC, EPG, ERW, ESSO, EVER, F&D, FANCY, PRIME, FMT, PROUD, FORTH, FSMART, FVC, GENCO, GIFT, GL, GLAND, GLOBAL, GRAMMY, GRAND, GREEN, GSC, GTB, GULF, HFT, HPT, HTECH, HUMAN, HYDRO, ICN, IHL, III, ILM, INGRS, INOX, IRCP, IT, ITD, J, JCK, JCKH, JCT, JKN, JMART, JMT, JSP, JUBILE, JUTHA, GSC, GTB, GULF, HFT, HPT, HTECH, HUMAN, HYDRO, ICN, IHL, III, ILM, INGRS, INOX, IRCP, IT, ITD, J, JCK, JCKH, JCT, JKN, JMART, JMT, JSP, JUBILE, JUTHA, JWD, KAMART, KC, KCM, KDH, KIAT, KKC, KOOL, KTECH, KTIS, KUMWEL, KWM, KYE, LALIN, LH, LOXLEY, LPH, LST, MACO, MAJOR, MANRIN, MAX, M-CHAI, MCS, MDX, MEGA, METCO, MGT, MIDA, MITSIB, MJD, MK, ML, MM, MODERN, MORE, MPG, MPIC, MVP, NC, NCH, NDR, NER, NETBAY, NEW, NEWS, NFC, NOBLE, NOK, NPK, NPPG, NTV, NUSA, NVD, NYT, OHTL, OISHI, OSP, OTO, PACE, PAE, PAF, PERM, PF, PICO, PIMO, PJW, PLE, PMTA, POLAR, POMPUI, PORT, PPM, PRP, PRAKIT, PRECHA, PRIN, PTL, RAM, RCI, RCL, RICH, RICHY, RJH, ROCK, ROH, RP, RPC, RPH, RS, RSP, S, S11, SAAM, SAFARI, SALEE, SAM, SAMART, SAMCO, SAMTEL, SANKO, SAUCE, SAWAD, SAWANG, SCP, SDC, SE, SEAFCO, SEAOIL, SF, SFP, SGF, SIAM, SIMAT, SISB, SKE, SKN, SKR, SKY, SLP, SMART, STARK, SMT, SOLAR, SONIC, SPA, SPCG, SPG, SPORT, NEX, SPVI, SQ, SR, SSC, SSP, STAR, STEC, STHAI, STI, STPI, SUC, SUN, SUTHA, SVH, SVOA, T, TACC, TAPAC, TBSP, TC, TCC, TCCC, TCJ, TCOAT, TEAM, TEAMG, TGPRO, TH, THAI, THANA, THG, THL, THMUI, SEG, TIGER, TITLE, TIW, TK, TKS, TM, TMI, TMW, TNDT, TNH, TNPC, TOA, TPAC, TPBI, TPCH, TPIPP, TPLAS, TPOLY, TQM, TR, TRC, TRT, TRUBB, TSE, TSF, TSI, TSR, TSTE, TTA, TTT, TTW, TVT, TWP, TWZ, TYCN, UAC, UMI, UMS, UNIQ, UP, UPF, UPOIC, UT, UTP, UVAN, VARO, VCOM, VI, VIBHA, VL, VNG, VPO, VRANDA, WAVE, WG, WHAUP, WIN, WINNER, WORK, WORLD, WP, WPH, WR, YCI. ZEN, ZIGA, ZMICO WR, YCI, ZEN, ZIGA, ZMICO

Explanations

Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of November 30, 2018) are categorised into: companies that have declared their intention to join CAC, and companies certified by CAC

Thu, Aug 15, 2019 6