

16 NOVEMBER 2020

THAILAND / UTILITIES - RENEWABLES

## ENERGY ABSOLUTE EA TB

BUY

UNCHANGED

TARGET PRICE	THB51.00
CLOSE	THB45.00
UP/DOWNSIDE	+13.3%
TP vs CONSENSUS	+9.9%

## กระแสลมอ่อนทำให้ 3Q20 อ่อนแอ

## กระแสลมอ่อนทำให้ผลประกอบการ 3Q20 อ่อนแอ

EA รายงานกำไรสุทธิ 3Q20 ที่ 1.12 พัน ลบ. ลดลง 33% y-y และ 2.6% q-q กำไรดังกล่าวต่ำกว่าที่เราคาด 14% และต่ำกว่าตลาดคาด 11% เนื่องจากระดับการผลิตที่ลดลงตามฤดูกาลของโรงไฟฟ้าพลังงานลม กำไรสุทธิจากการดำเนินงานลดลงมาอยู่ที่ 1.09 พัน ลบ. ลดลง 38% y-y และ 4% q-q จากกำไรที่อ่อนแอของโรงไฟฟ้าพลังงานลม ซึ่งชดเชยได้บางส่วนจากกำไรสุทธิที่เพิ่มขึ้นของโรงไฟฟ้าพลังแสงอาทิตย์และไบโอดีเซล

## กำไรสุทธิจากโรงไฟฟ้าพลังแสงอาทิตย์ไบโอดีเซล และ PCM ช่วยชดเชยกำไรสุทธิที่อ่อนแอของโรงไฟฟ้าพลังงานลม

ใน 3Q20 ยอดขายไฟฟ้าลดลงอย่างรุนแรง y-y จากปริมาณขายไฟฟ้าของโรงไฟฟ้าพลังงานลมขนาด 157GW ที่ลดลง 43% y-y อย่างไรก็ตามตัวเลขที่ลดลงดังกล่าวถูกชดเชยบางส่วนด้วยรายได้ของโรงไฟฟ้าพลังแสงอาทิตย์ที่เพิ่มขึ้น 5% y-y จากปริมาณขายไฟฟ้าที่เพิ่มขึ้น 6% y-y เป็น 149GWh แม้ว่าปริมาณขายไบโอดีเซลจะลดลง 10% y-y มาอยู่ที่ 45 ล้านลิตร จากผลกระทบของ COVID-19 ราคาขายกลับเพิ่มขึ้น 25% y-y มาอยู่ที่ 21.6 บาท/ลิตร ปริมาณขายกลีเซอรินเพิ่ม 12% y-y เป็น 3.8 ล้านลิตร พร้อมราคาขายที่เพิ่มขึ้น 22% y-y เป็น 17 บาท/กก. จากความต้องการผลิตภัณฑ์ทำความสะอาดที่สูงขึ้นหลังการแพร่ระบาด COVID-19 ค่าใช้จ่ายดอกเบี้ยเพิ่มเป็น 421.3 ลบ. สูงขึ้น 10% y-y และ 3% q-q จากภาระหนี้ที่เพิ่มขึ้น y-y เพื่อใช้เป็นเงินทุนในโครงการโรงไฟฟ้าพลังงานลมและการออกพันธบัตรเพื่อใช้ในโครงการดังกล่าว

## กำไรสุทธิมีแนวโน้มโตดีขึ้น

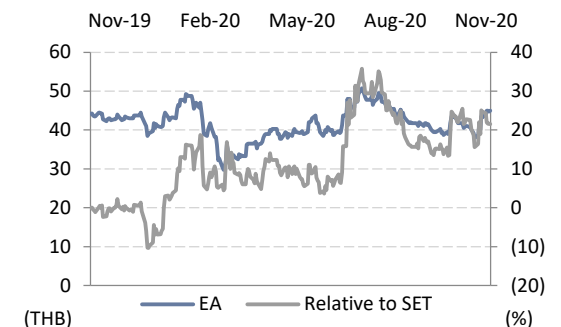
เราเชื่อว่ากำไรสุทธิของ EA จะดีขึ้นต่อเนื่องใน 4Q20 โดยได้แรงหนุนจากโครงการโรงไฟฟ้าพลังงานลมขนาด 376MW เนื่องจากเราคาดว่ากระแสลมจะเพิ่มสูง q-q เป็น 5-6 ไมล์/วินาทีจาก 4-5 ไมล์/วินาที ใน 3Q20 เรามองว่าการเติบโตของกำไรสุทธิของ EA จะเร่งตัวขึ้นนับตั้งแต่ 4Q20 โดยได้แรงขับเคลื่อนจาก 1) กำไรสุทธิที่กำลังดีขึ้นจากรุกเบิกไบโอดีเซลตามความต้องการที่กำลังเพิ่มขึ้นจากนโยบาย B10 ของรัฐฯ ในเดือน ม.ค. 2020; 2) กำไรสุทธิที่กำลังเพิ่มขึ้นจากโรงไฟฟ้าพลังงานลมตามกระแสลมที่แรงขึ้นตามฤดูกาล; และ 3) การเริ่มโครงการเพื่อการเติบโตแบบ S-curve หลายโครงการ ประกอบด้วย การเริ่มดำเนินงานเชิงพาณิชย์ของโรงงาน (Phase Change Material หรือ PCM) ใน 3Q20 โครงการเรือโดยสารไฟฟ้า (E-ferry) ใน ส.ค. 2020 การเริ่มส่งมอบรถยนต์ไฟฟ้าใน 1Q21 การดำเนินงานเชิงพาณิชย์ของโรงงานผลิตแบตเตอรี่ขนาด 1GWh (ระยะที่ 1) ใน 1H21 และการก่อสร้างสถานีชาร์จสำหรับรถยนต์ไฟฟ้าที่มีอย่างต่อเนื่อง ณ สิ้น 3Q20 EA มีสถานีชาร์จจำนวน 405 สถานี รวม 2,000 หัวชาร์จ (40% เป็นแบบด่วนด้วยไฟฟ้ากระแสตรง)

## ยังเป็นหุ้นเด่นในกลุ่มพลังงานหมุนเวียนของไทย

เราคงคำแนะนำซื้อที่ราคาเป้าหมาย 51 บาท (SOTP) ซึ่งได้รวมโครงการใหม่ ๆ ของบริษัทฯ ไว้เรียบร้อยแล้ว EA เป็นหุ้นเด่นของเราในกลุ่มพลังงานหมุนเวียนโดยมีเหตุผลสนับสนุนจากแนวโน้มกำไรสุทธิที่ดีของบริษัทฯ ผ่านโครงการใหม่ที่จะให้การเติบโตในรูปแบบ S-Curve

## KEY STOCK DATA

YE Dec (THB m)	2019	2020E	2021E	2022E
Revenue	14,887	14,527	24,179	33,496
Net profit	6,082	4,795	7,342	8,819
EPS (THB)	1.63	1.29	1.97	2.36
vs Consensus (%)	-	(9.7)	12.4	14.8
EBITDA	9,706	9,058	11,854	14,432
Core net profit	6,082	4,795	7,342	8,819
Core EPS (THB)	1.63	1.29	1.97	2.36
EPS growth (%)	55.8	(21.2)	53.1	20.1
Core P/E (x)	27.6	35.0	22.9	19.0
Dividend yield (%)	1.3	1.8	2.2	3.3
EV/EBITDA (x)	20.7	22.6	17.1	13.8
Price/book (x)	7.2	6.5	5.5	4.7
Net debt/Equity (%)	128.4	125.8	99.5	74.6
ROE (%)	29.3	19.5	26.1	26.9



Share price performance	1 Month	3 Month	12 Month	
Absolute (%)		5.9	(2.2)	3.4
Relative to country (%)		(3.0)	(3.6)	23.1
Mkt cap (USD m)				5,561
3m avg. daily turnover (USD m)				12.2
Free float (%)				40
Major shareholder	Mr. Somphote Ahunai (23%)			
12m high/low (THB)				51.50/27.50
Issued shares (m)				3,730.00

Sources: Bloomberg consensus; FSSIA estimates



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The President of Finansia Syrus Securities PCL is also EA's Independent Director and on EA's Audit Committee.

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บทวิเคราะห์ฉบับนี้แปลมาจากบทวิเคราะห์ของ FSSIA ฉบับวันที่ 16 พฤศจิกายน 2020

## Exhibit 1: Summary of 3Q20/9M20 operations

	3Q19	2Q20	3Q20		9M19	9M20	Chg.	2020E	Comments	
	(THB m)	(THB m)	(THB m)	(q-q %)	(y-y %)	(THB m)	(THB m)	(y-y %)	(THB m)	
<b>Revenue</b>	<b>4,103</b>	<b>4,128</b>	<b>3,773</b>	<b>(8.6)</b>	<b>(8.0)</b>	<b>10,804</b>	<b>12,634</b>	<b>16.9</b>	<b>14,527</b>	<b>Lower due to lower revenue from wind farms</b>
Operating costs	(1,321)	(1,883)	(1,629)	(13.5)	23.4	(3,858)	(5,889)	52.6	(4,452)	Higher y-y due to higher costs from wind farms and biodiesel
<b>EBITDA</b>	<b>2,783</b>	<b>2,245</b>	<b>2,144</b>	<b>(4.5)</b>	<b>(22.9)</b>	<b>6,945</b>	<b>6,745</b>	<b>(2.9)</b>	<b>9,058</b>	<b>Lower due to lower wind farm profits</b>
EBITDA margin (%)	67.8	54.4	56.8	nm	nm	64.3	53.4	(17.0)	62.4	
Deprn & amort.	(683)	(753)	(682)	(9.4)	(0.1)	(1,816)	(2,016)	11.0	(2,416)	
EBIT	2,100	1,492	1,462	(2.0)	(30.4)	5,129	4,729	(7.8)	6,642	
Interest expense	(383)	(408)	(421)	3.4	10.2	(986)	(1,262)	28.0	(1,631)	Higher due to debt raised for new wind farms
Interest & invt inc	-	-	-	nm	nm	-	-	nm	-	
Other income	15	47	28	(41.2)	91.6	43	104	nm	100	
Associates' contrib	(6)	(2)	(3)	86.4	(47.5)	(13)	(19)	49.5	(5)	
Exceptionals	(84)	(3)	25	nm	nm	92	82	nm	-	
<b>Pretax profit</b>	<b>1,642</b>	<b>1,127</b>	<b>1,090</b>	<b>(3.3)</b>	<b>(33.6)</b>	<b>4,265</b>	<b>3,634</b>	<b>(14.8)</b>	<b>5,111</b>	<b>Lower due to lower power profits</b>
Tax	6	(7)	(4)	(43.0)	nm	11	(12)	nm	(18)	
Tax rate (%)	(0.4)	0.6	0.4	nm	nm	(0.5)	(0.1)	(73.1)	0.4	
Minority interests	31	30	33	11.5	5.8	56	98	75.4	(311)	
<b>Net profit</b>	<b>1,679</b>	<b>1,149</b>	<b>1,119</b>	<b>(2.6)</b>	<b>(33.3)</b>	<b>4,332</b>	<b>3,720</b>	<b>(14.1)</b>	<b>4,795</b>	<b>13.7% below our estimate / 10.6% below consensus</b>
Non-recurring	(74)	7	25	253.0	nm	102	102	0.0	-	
<b>Core net profit</b>	<b>1,753</b>	<b>1,142</b>	<b>1,094</b>	<b>(4.2)</b>	<b>(37.6)</b>	<b>4,230</b>	<b>3,619</b>	<b>(14.5)</b>	<b>4,795</b>	
EPS (THB)	0.45	0.31	0.30	(2.6)	(33.3)	1.16	1.00	(14.1)	1.29	
Core EPS (THB)	0.47	0.31	0.29	(4.2)	(37.6)	1.13	0.97	(14.5)	1.29	

Sources: EA; FSSIA estimates

## Exhibit 2: 3Q20/9M20 key performance

	Unit	3Q19	2Q20	3Q20	Change		9M19	9M20	Chg.
					(q-q %)	(y-y %)			(y-y%)
<b>Biodiesel</b>									
- Revenue	THB m	862	1,396	970	(30.5)	12.5	2,505	3,850	53.7
- Sales volume	m litre	50	48	45	(6.9)	(9.7)	150	143	(4.9)
- Average selling price	THB/litre	17.4	29.0	21.6	(25.3)	24.6	16.7	27.0	61.6
<b>Glycerin</b>									
- Revenue	THB m	47	94	64	(32.0)	35.7	174	208	19.4
- Sales volume	m kg	3	5	3.8	(21.8)	11.5	11	12	9.1
- Average selling price	THB/kg	14.0	19.5	17.0	(13.1)	21.5	16.1	17.6	9.4
<b>Solar power</b>									
- Revenue	THB m	1,380	1,705	1,448	(15.1)	4.9	4,561	4,680	2.6
- Sales volume	GWh	140	175	149	(14.9)	6.3	465	479	2.9
- Average selling price	THB/kWh	9.9	9.7	9.7	(0.2)	(1.3)	9.8	9.8	(0.3)
- Availability factor*	%	23	29	24	4.3	(1.4)	25	26	(0.7)
<b>Wind power</b>									
- Revenue	THB m	1,738	905	968	6.9	(44.3)	3,366	3,111	(7.6)
- Sales volume	GWh	274	146	157	7.7	(42.6)	534	502	(6.1)
- Average selling price	THB/kWh	6.3	6.2	6.2	(0.8)	(3.0)	6.3	6.2	(1.6)
- Availability factor*	%	32	17	19	(1.3)	13.8	21	20	1.3

\* Note: Change is represented in ppt change

Sources: EA; FSSIA estimates

## Financial Statements

### Energy Absolute

Profit and Loss (THB m) Year Ending Dec	2018	2019	2020E	2021E	2022E
Revenue	11,552	14,887	14,527	24,179	33,496
Cost of goods sold	(3,835)	(4,235)	(4,452)	(10,633)	(16,719)
<b>Gross profit</b>	<b>7,717</b>	<b>10,652</b>	<b>10,075</b>	<b>13,546</b>	<b>16,777</b>
Other operating income	-	-	-	-	-
Operating costs	(805)	(946)	(1,017)	(1,693)	(2,345)
<b>Operating EBITDA</b>	<b>6,912</b>	<b>9,706</b>	<b>9,058</b>	<b>11,854</b>	<b>14,432</b>
Depreciation	(1,833)	(2,517)	(2,416)	(2,494)	(3,694)
Goodwill amortisation	0	0	0	0	0
<b>Operating EBIT</b>	<b>5,079</b>	<b>7,189</b>	<b>6,642</b>	<b>9,360</b>	<b>10,738</b>
Net financing costs	(920)	(1,226)	(1,631)	(1,743)	(1,645)
Associates	(6)	(14)	0	0	0
Recurring non operating income	(140)	53	100	101	101
Non recurring items	1,072	0	0	0	0
<b>Profit before tax</b>	<b>5,091</b>	<b>6,016</b>	<b>5,111</b>	<b>7,718</b>	<b>9,194</b>
Tax	(29)	11	(5)	(55)	(45)
<b>Profit after tax</b>	<b>5,061</b>	<b>6,027</b>	<b>5,106</b>	<b>7,662</b>	<b>9,149</b>
Minority interests	(86)	55	(311)	(320)	(330)
Preferred dividends	0	0	0	0	0
Other items	-	-	-	-	-
<b>Reported net profit</b>	<b>4,975</b>	<b>6,082</b>	<b>4,795</b>	<b>7,342</b>	<b>8,819</b>
<b>Non recurring items &amp; goodwill (net)</b>	<b>(1,072)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Recurring net profit</b>	<b>3,904</b>	<b>6,082</b>	<b>4,795</b>	<b>7,342</b>	<b>8,819</b>
<b>Per share (THB)</b>					
Recurring EPS *	1.05	1.63	1.29	1.97	2.36
Reported EPS	1.33	1.63	1.29	1.97	2.36
DPS	0.40	0.60	0.80	1.00	1.50
Diluted shares (used to calculate per share data)	3,730	3,730	3,730	3,730	3,730
<b>Growth</b>					
Revenue (%)	(0.2)	28.9	(2.4)	66.4	38.5
Operating EBITDA (%)	8.1	40.4	(6.7)	30.9	21.8
Operating EBIT (%)	4.4	41.5	(7.6)	40.9	14.7
Recurring EPS (%)	2.3	55.8	(21.2)	53.1	20.1
Reported EPS (%)	30.3	22.2	(21.2)	53.1	20.1
<b>Operating performance</b>					
Gross margin inc depreciation (%)	50.9	54.6	52.7	45.7	39.1
Gross margin of key business (%)	50.9	54.6	52.7	45.7	39.1
Operating EBITDA margin (%)	59.8	65.2	62.4	49.0	43.1
Operating EBIT margin (%)	44.0	48.3	45.7	38.7	32.1
Net margin (%)	33.8	40.9	33.0	30.4	26.3
Effective tax rate (%)	0.6	-0.2	0.1	0.7	0.5
Dividend payout on recurring profit (%)	38.2	36.8	62.2	50.8	63.4
Interest cover (X)	5.4	5.9	4.1	5.4	6.6
Inventory days	21.8	46.9	63.7	46.3	53.4
Debtor days	74.0	67.1	90.6	71.7	70.3
Creditor days	56.8	70.3	85.9	62.4	72.0
Operating ROIC (%)	10.5	12.1	9.3	(3.1)	(3.4)
ROIC (%)	9.5	11.2	8.7	(2.9)	(3.2)
ROE (%)	23.8	29.3	19.5	26.1	26.9
ROA (%)	9.1	10.8	9.0	9.3	10.6

\* Pre exceptional, pre-goodwill and fully diluted

Revenue By Division (THB m)	2018	2019	2020E	2021E	2022E
Methyl ester Biodiesel products	3,213	6,570	6,570	6,570	6,570
Pure glycerine products	298	350	360	361	361
Electricity from solar and wind power	7,692	7,957	7,231	8,252	15,759
Head office and others	341	100	100	101	101
Project consultation regarding alternative electric energy	50	(90)	(90)	(89)	(89)
Battery and EV	(42)	0	356	8,984	10,794

Sources: Energy Absolute; FSSIA estimates

## Financial Statements

### Energy Absolute

Cash Flow (THB m) Year Ending Dec	2018	2019	2020E	2021E	2022E
Recurring net profit	3,904	6,082	4,795	7,342	8,819
Depreciation	1,833	2,517	2,416	2,494	3,694
Associates & minorities	(6)	(14)	0	0	0
Other non-cash items	-	-	-	-	-
Change in working capital	7,992	(9,651)	(846)	(1,039)	(1,596)
<b>Cash flow from operations</b>	<b>13,722</b>	<b>(1,067)</b>	<b>6,366</b>	<b>8,797</b>	<b>10,918</b>
Capex - maintenance	(1,833)	(2,517)	(2,416)	(2,494)	(3,694)
Capex - new investment	(12,368)	(3,784)	(4,984)	(1,006)	(194)
Net acquisitions & disposals	922	(68)	0	0	0
Other investments (net)	(984)	(49)	0	0	0
<b>Cash flow from investing</b>	<b>(14,263)</b>	<b>(6,418)</b>	<b>(7,400)</b>	<b>(3,500)</b>	<b>(3,888)</b>
Dividends paid	(746)	(746)	(2,238)	(2,984)	(3,730)
Equity finance	0	0	0	0	0
Debt finance	1,525	12,725	(180)	5,946	(10,990)
Other financing cash flows	734	56	311	321	718
<b>Cash flow from Financing</b>	<b>1,513</b>	<b>12,035</b>	<b>(2,107)</b>	<b>3,283</b>	<b>(14,002)</b>
Non-recurring cash flows	-	-	-	-	-
Other adjustments	0	0	0	0	0
<b>Net other adjustments</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Movement in cash</b>	<b>972</b>	<b>4,550</b>	<b>(3,141)</b>	<b>8,580</b>	<b>(6,973)</b>
Free cash flow to firm (FCFF)	545.96	(6,098.64)	596.16	7,040.44	8,673.98
Free cash flow to equity (FCFE)	1,718.50	5,296.19	(903.17)	11,564.31	(3,243.20)

#### Per share (THB)

FCFF per share	0.15	(1.64)	0.16	1.89	2.33
FCFE per share	0.46	1.42	(0.24)	3.10	(0.87)
Recurring cash flow per share	1.54	2.30	1.93	2.64	3.35

Balance Sheet (THB m) Year Ending Dec	2018	2019	2020E	2021E	2022E
Tangible fixed asset (gross)	53,646	59,819	67,219	70,719	74,219
Less: Accumulated depreciation	(6,059)	(8,448)	(10,864)	(13,359)	(17,053)
<b>Tangible fixed assets (Net)</b>	<b>47,587</b>	<b>51,371</b>	<b>56,355</b>	<b>57,361</b>	<b>57,166</b>
<b>Intangible fixed assets (Net)</b>	<b>937</b>	<b>3,683</b>	<b>3,683</b>	<b>3,683</b>	<b>3,683</b>
Long-term financial assets	-	-	-	-	-
Invest. In associates & subsidiaries	33	100	100	100	100
Cash & equivalents	5,479	10,029	6,888	15,468	8,495
A/C receivable	2,295	3,175	4,034	5,464	7,445
Inventories	330	758	796	1,902	2,991
Other current assets	47	71	69	115	160
<b>Current assets</b>	<b>8,150</b>	<b>14,033</b>	<b>11,788</b>	<b>22,949</b>	<b>19,091</b>
Other assets	2,501	1,033	1,033	1,033	1,033
<b>Total assets</b>	<b>59,208</b>	<b>70,220</b>	<b>72,958</b>	<b>85,126</b>	<b>81,073</b>
Common equity	18,139	23,365	25,922	30,280	35,369
Minorities etc.	1,379	1,502	1,813	2,133	2,463
<b>Total Shareholders' equity</b>	<b>19,518</b>	<b>24,866</b>	<b>27,735</b>	<b>32,413</b>	<b>37,832</b>
Long term debt	26,139	36,977	36,798	42,744	31,753
Other long-term liabilities	1,049	2,306	2,306	2,306	2,306
<b>Long-term liabilities</b>	<b>27,187</b>	<b>39,283</b>	<b>39,103</b>	<b>45,049</b>	<b>34,059</b>
A/C payable	611	1,021	1,073	2,563	4,031
Short term debt	3,081	4,968	4,968	4,968	4,968
Other current liabilities	8,810	81	79	132	182
<b>Current liabilities</b>	<b>12,503</b>	<b>6,070</b>	<b>6,120</b>	<b>7,663</b>	<b>9,181</b>
<b>Total liabilities and shareholders' equity</b>	<b>59,208</b>	<b>70,220</b>	<b>72,958</b>	<b>85,126</b>	<b>81,073</b>
Net working capital	(6,750)	2,902	3,748	4,787	6,383
Invested capital	44,308	59,089	64,918	66,963	68,365

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

#### Per share (THB)

Book value per share	4.86	6.26	6.95	8.12	9.48
Tangible book value per share	4.61	5.28	5.96	7.13	8.50

#### Financial strength

Net debt/Equity (%)	121.6	128.4	125.8	99.5	74.6
Net debt/total assets (%)	40.1	45.5	47.8	37.9	34.8
Current ratio (x)	0.7	2.3	1.9	3.0	2.1
CF interest cover (x)	16.3	8.4	3.5	8.2	(0.9)

Valuation	2018	2019	2020E	2021E	2022E
<b>Recurring P/E (x) *</b>	<b>43.0</b>	<b>27.6</b>	<b>35.0</b>	<b>22.9</b>	<b>19.0</b>
<b>Recurring P/E @ target price (x) *</b>	<b>48.7</b>	<b>31.3</b>	<b>39.7</b>	<b>25.9</b>	<b>21.6</b>
Reported P/E (x)	33.7	27.6	35.0	22.9	19.0
Dividend yield (%)	0.9	1.3	1.8	2.2	3.3
Price/book (x)	9.3	7.2	6.5	5.5	4.7
Price/tangible book (x)	9.8	8.5	7.5	6.3	5.3
EV/EBITDA (x) **	27.9	20.7	22.6	17.1	13.8
EV/EBITDA @ target price (x) **	31.2	23.0	25.1	18.9	15.3
EV/invested capital (x)	4.4	3.4	3.2	3.0	2.9

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

Sources: Energy Absolute; FSSIA estimates

## Corporate Governance report of Thai listed companies 2019

EXCELLENT LEVEL										
AAV	ADVANC	AIRA	AKP	AKR	AMA	AMATA	AMATAV	ANAN	AOT	AP
ARROW	BAFS	BANPU	BAY	BCP	BCPG	BOL	BRR	BTS	BTW	BWG
CFRESH	CHEWA	CHO	CK	CKP	CM	CNT	COL	COMAN	CPALL	CPF
CPI	CPN	CSS	DELTA	DEMCO	DRT	DTAC	DTC	EA	EASTW	ECF
EGCO	GBX	GC	GCAP	GEL	GGP	GGC	GOLD	GPSC	GRAMMY	GUNKUL
HANA	HARN	HMPRO	ICC	ICHI	III	ILINK	INTUCH	IRPC	IVL	JKN
JSP	K	KBANK	KCE	KKP	KSL	KTB	KTC	KTIS	LH	LHFG
LIT	LPN	MAKRO	MALEE	MBK	MBKET	MC	MCOT	MFEC	MINT	MONO*
MTC	NCH	NCL	NKI	NSI	NVD	NYT	OISHI	OTO	PAP	PCSGH
PDJ	PG	PHOL	PJW	PLANB	PLANET	PORT	PPS	PR9	PREB	PRG
PRM	PSH	PSL	PTG	PTT	PTTEP	PTTGC	PYLON	Q-CON	QH	QTC
RATCH	ROBINS**	RS	S	S & J	SABINA	SAMART	SAMTEL	SAT	SC	SCB
SCC	SCCC	SCN	SDC	SEAFCO	SEAOL	SE-ED	SELIC	SENA	SIS	SITHAI
SNC	SORKON	SPALI	SPI	SPRC	SSSC	STA	STEC	SVI	SYNTEC	TASCO
TCAP	THAI	THANA	THANI	THCOM	THIP	THREL	TIP	TISCO	TK	TKT
TMB	TMILL	TNDT	TOA	TOP	TRC	TRU	TRUE	TSC	TSR	TSTH
TTA	TTCL	TTW	TU	TVD	TVO	U	UAC	UV	VGI	VIH
WACOAL	WAVE	WHA	WHAUP	WICE	WINNER					
VERY GOOD LEVEL										
2S	ABM	ADB	AF	AGE	AH	AHC	AIT	ALLA	ALT	AMANA
AMARIN	APCO	APCS	AQUA	ARIP	ASAP	ASIA	ASIAN	ASIMAR	ASK	ASN
ASP	ATP30	AUCT	AYUD	B	BA	BBL	BDMS	BEC	BEM	BFIT
BGC	BGRIM	BIZ	BJC	BJCHI	BLA	BPP	BROOK	CBG	CEN	CENDEL
CGH	CHG	CHOTI	CHOW	CI	CIMBT	CNS	COLOR	COM7	COTTO	CRD
CSC	CSP	DCC	DCON	DDD	DOD	EASON	ECL	EE	EPG	ERW
ESTAR	ETE	FLOYD	FN	FNS	FORTH	FPI	FPT	FSMART	FSS	FVC
GENCO	GJS	GL	GLOBAL	GLOW**	GULF	HPT	HTC	HYDRO	ICN	IFS
INET	INSURE	IRC	IRCP	IT	ITD***	ITEL	J	JAS*	JCK	JCKH
JMART	JMT	JWD	KBS	KCAR	KGI	KIAT	KOOL	KWC	KWM	L&E
LALIN	LANNA	LDC	LHK	LOXLEY	LRH	LST	M	MACO	MAJOR	MBAX
MEGA	METCO	MFC	MK	MODERN	MOONG	MPG	MSC	MTI	NEP	NETBAY
NEX	NINE	NOBLE	NOK	NTV	NWR	OCC	OGC	ORI	OSP	PATO
PB	PDG	PDI	PL	PLAT	PNR	PPP	PRECHA	PRIN	PRINC	PSTC
PT	QLT	RCL	RICHY	RML	RWI	S11	SAAM	SALEE	SAMCO	SANKO
SAPPE	SAWAD	SCG	SCI	SCP	SE	SFP	SIAM	SINGER	SIRI	SKE
SKR	SKY	SMIT	SMK	SMP	SMT	SNP	SONIC	SPA	SPC	SPCG
SPVI	SR	SRICHA	SSC	SSF	SST	STANLY	STPI	SUC	SUN	SUSCO
SUTHA	SWC	SYMC	SYNEX	T	TACC	TAE	TAKUNI	TBSP	TCC	TCMC
TEAM	TEAMG	TFG	TFMAMA	THG	THRE	TIPCO	TITLE	TIW	TKN	TKS
TM	TMC	TMD	TMI	TMT	TNITY	TNL	TNP	TNR	TOG	TPA
TPAC	TPBI	TPCORP	TPOLY	TRITN	TRT	TSE	TSTE	TVI	TVT	TWP
TWPC	UBIS	UEC	UMI	UOBKH	UP	UPF	UPOIC	UT	UWC	VNT
WIIK	XO	YUASA	ZEN	ZMICO						
GOOD LEVEL										
A	ABICO	ACAP***	AEC	AEONTS	AJ	ALUCON	AMC	APURE	AS	ASEFA
AU	B52	BCH	BEAUTY	BGT	BH	BIG	BLAND	BM	BR	BROCK
BSBM	BSM	BTNC	CCET	CCP	CGD	CHARAN	CHAYO	CITY	CMAN	CMC
CMO	CMR	CPL	CPT	CSR	CTW	CWT	D	DIMET	EKH	EMC
EPCO	ESSO	FE	FTE	GIFT	GLAND	GLOCON	GPI	GREEN	GTB	GYT
HTECH	HUMAN	IHL	INGRS	INOX	JTS	JUBILE	KASET	KCM	KKC	KWG
KYE	LEE	LPH	MATCH	MATI	M-CHAI	MCS	MDX	META	MGT	MJD
MM	MVP	NC	NDR	NER	NNCL	NPK	NUSA	OCEAN	PAF	PF
PICO	PIMO	PK	PLE	PMTA	POST	PPM	PROUD	PTL	RCI	RJH
ROJNA	RPC	RPH	SF	SGF	SGP	SKN	SLP	SMART	SOLAR	SPG
SQ	SSP	STI	SUPER	SVOA	TCCC	THE	THMUI	TIC	TIGER	TNH
TOPP	TPCH	TPIPP	TPLAS	TQM	TTI	TYCN	UTP	VCOM	VIBHA	VPO
WIN	WORK	WP	WPH	ZIGA						
Score Range	Number of Logo					Description				
90-100						Excellent				
80-89						Very Good				
70-79						Good				
60-69						Satisfactory				
50-59						Pass				
Less than 50	No logo given					-				

**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

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

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

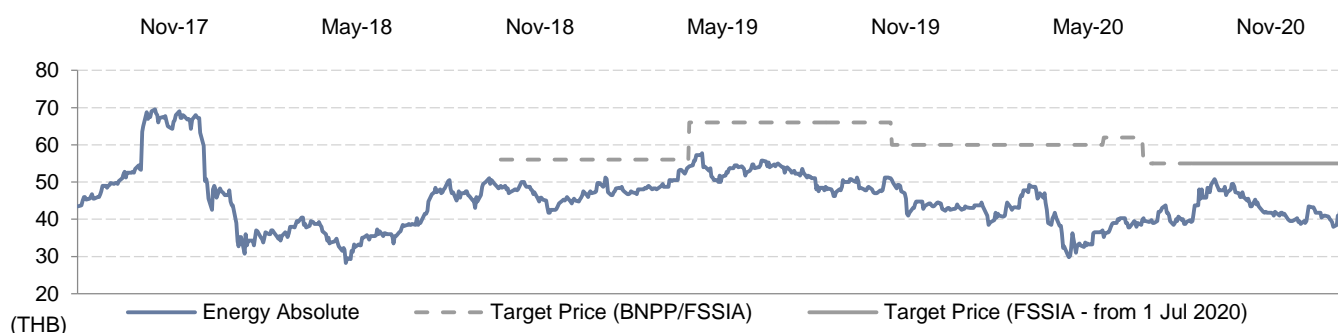
The individual(s) identified above certify(ies) that (i) all views expressed in this report accurately reflect the personal view of the analyst(s) with regard to any and all of the subject securities, companies or issuers mentioned in this report; and (ii) no part of the compensation of the analyst(s)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

#### Energy Absolute (EA TB)



Date	Rating	Target price	Date	Rating	Target price	Date	Rating	Target price
15-Nov-2018	BUY	56.00	16-Apr-2020	BUY	62.00	17-Jul-2020	BUY	55.00
26-Apr-2019	BUY	66.00	20-May-2020	BUY	55.00	09-Nov-2020	BUY	51.00
17-Oct-2019	BUY	60.00	09-Jul-2020	BUY	55.00			

Suwat Sinsadok Started covering this stock from 15-Nov-2018

Price and TP are in local currency

Source: FSSIA estimates

Company	Ticker	Price	Rating	Valuation & Risks
Energy Absolute	EA TB	THB 45.00	BUY	Downside risks to our SoTP-based TP include: 1) lower-than-expected demand for electricity in Thailand; 2) lower crude prices; and 3) lower-than-expected demand for batteries.

Source: FSSIA estimates

### Additional Disclosures

Target price history, stock price charts, valuation and risk details, and equity rating histories applicable to each company rated in this report is available in our most recently published reports. You can contact the analyst named on the front of this note or your representative at Finansia Syrus Securities Public Company Limited

FSSIA may incorporate the recommendations and target prices of companies currently covered by FSS Research into equity research reports, denoted by an 'FSS' before the recommendation. FSS Research is part of Finansia Syrus Securities Public Company Limited, which is the parent company of FSSIA.

All share prices are as at market close on 13-Nov-2020 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.