**Company Update** 

Upside : 102.0%

# **Energy Absolute Pcl** (EATB)

# New expansion potential

We see a possibility that EA's 2 hydropower projects under study on the Thai-Lao border could get PPAs since they are in locations where they could divert water from the Mekong River in line with the government's plans. We estimate Bt5/share for the projects but leave this as upside as the projects are in the initial stage. Reaffirm BUY.

## MOU studying two hydropower projects in Laos

EA announced that it and three partners have signed an MOU with the Lao government to complete the feasibility study to develop two hydropower projects within two years. The projects are 1) Saravan downstream, and 2) Phamong with a combined 3-3.5GW of capacity to sell electricity to the domestic market and export abroad. The three partners are Chaleun Sekong Energy, Lao PDR; Vega Digital Thailand; and PSL Service Sole, Lao PDR. Both projects would be run-of-the river plants on the border between Thailand and Laos. EA plans to hold 50% in the two projects and use internal cash flows to fund the investments.

## Sound rationale to obtain PPAs, in our view

We expect the projects to gain support from the Thai government due to clear benefits: 1) Thailand's 2018 Power Development Plan sets aside 9GW of hydropower generation to be bought from Laos (5.9MW has secured PPA contracts) with 2GW for projects that can utilize water. We see the projects being able to divert water from the Mekong River in the peak season to reservoirs in Thailand for agriculture usage in the northeastern provinces and for Eastern Economic Corridor (EEC) industrial uses; 2) the projects would be 50% owned by the Thai government once the concessions end as they traverse the two countries' borders, unlike most others which are all in Lao territory.

# Leaving projects as potential upside to our TP

We leave the potential valuation as upside since the projects are in the initial stage and there will be many hurdles including an environmental impact assessment (EIA) and approval by the Mekong River Commission. Nonetheless, we estimate the two projects, if they can secure PPAs, would yield Bt5/share to EA assuming a 50% shareholding in them, capex of USD2.0/MW, a D/E ratio of 3:1, a plant factor of 50%, an EiRR of 13%, and the projects starting commercial operation in 2030. Our SOTP-based 12-month TP is set at Bt100.

# **Reaffirming our BUY call**

If the two projects secure PPAs from EGAT, we estimate they would provide Bt6bn in profit p.a. to EA. EA remains our top pick in the sector on its new S-curve earning cycle from its planned Liion battery gigafactory and related commercial e-transport (the eferry's first run for the House panel on energy took place last week with battery production and e-taxis scheduled for initial launch in 4Q20. 2021 is still targeted to be the first full year of the operation of its batteries, e-ferries, e-taxis and e-buses. We reaffirm our BUY rating on the stock.



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### **COMPANY VALUATION**

Y/E Dec (Bt m)	2019A	2020F	2021F	2022F
Sales	14,887	17,747	32,388	54,384
Net profit	6,082	6,360	8,811	12,867
Consensus NP	_	6,283	7,403	8,808
Diff frm cons (%)	_	1.2	19.0	46.1
Norm profit	5,922	6,360	8,811	12,867
Prev. Norm profit	_	6,360	8,811	12,867
Chg frm prev (%)	_	0.0	0.0	0.0
Norm EPS (Bt)	1.6	1.7	2.4	3.4
Norm EPS grw (%)	45.0	7.4	38.5	46.0
Norm PE (x)	31.2	29.0	21.0	14.3
EV/EBITDA (x)	22.3	20.3	16.0	12.0
P/BV (x)	7.9	6.4	5.2	4.1
Div yield (%)	0.6	0.7	1.4	2.1
ROE (%)	28.5	24.4	27.4	31.7
Net D/E (%)	128.4	140.5	148.2	151.2

## PRICE PERFORMANCE



#### **COMPANY INFORMATION**

Price as of 04-Aug-20 (Bt)	49.50
Market Cap (US\$ m)	5,938.7
Listed Shares (m shares)	3,730.0
Free Float (%)	39.7
Avg Daily Turnover (US\$ m)	22.2
12M Price H/L (Bt)	51.75/29.75
Sector	Utilities
Major Shareholder	Ahunai family 44.3%

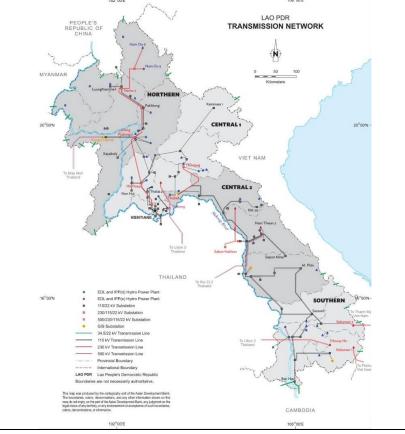
Sources: Bloomberg, Company data, Thanachart estimates



Ex 1: 11 Hydropower Projects On The Mekong River

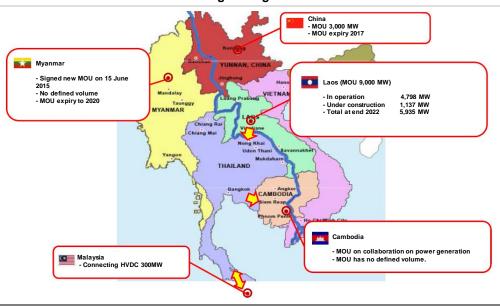
EA

#### Sources: Workpoint Today; Thanachart estimates



#### Ex 2: Transmission Network In Laos

Source: Electricity du Laos. 2017. Electricity Statistics 2016. Vientiane

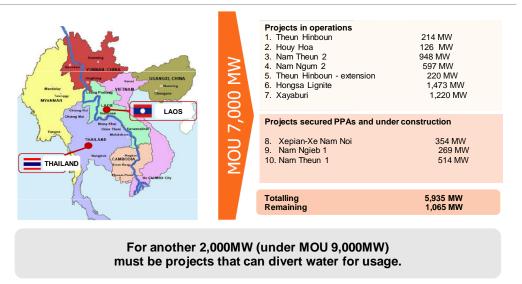


## Ex 3: Power Purchase Status From Neighboring Countries

EA

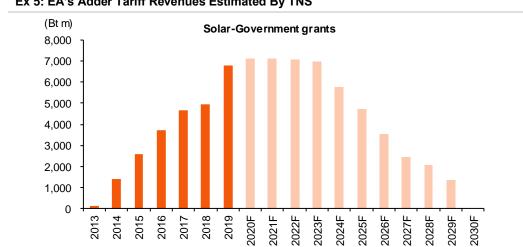
Source: EGAT. 4 June 2018

#### Ex 4: Power Purchase Status From Laos



Sources: EGAT. 4 June 2018, Thanachart estimates

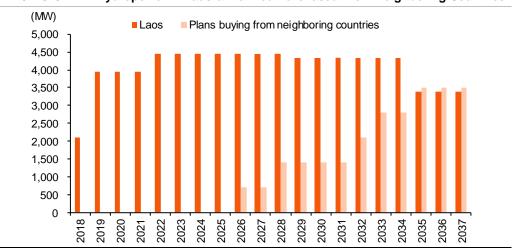






EA

Sources: Company data; Thanachart estimates



Ex 6: 2018 PDP: Hydropower In Laos & Planned Purchased From Neighboring Countries

Sources: Company data; Thanachart estimates

Ex 7: Sum-of-the-parts Valuation	
Sum-of-the-parts valuation	(Bt/shr)
Solar	
- Lopburi	0.2
- Nakornsawan	2.1
- Lampang	2.3
- Pitsanulok	2.7
Wind 126MW	3.1
Wind 260MW	7.1
Bio, Green diesel & PCM	10.8
Total	28.1
ES business	60.0
Charging stations	3.9
E-ferries	0.6
E-taxis	3.7
Solar + BES (Condao, Myanmar, Thailand)	3.3
Other potential (e-trucks, blockchain)	0.4
Total	100.0

EA

Sources: Company data, Thanachart estimates

# Valuation Comparison

# **Ex 8: Comparison With Regional Peers**

			EPS gr	owth	—— PE	<b></b>	— P/B	v —	—EV/EB	ITDA—	— Div yi	eld —
Name	BBG code	Country	20F	21F	20F	21F	20F	21F	20F	21F	20F	21F
		-	(%)	(%)	(x)	(x)	(x)	(x)	(x)	(x)	(%)	(%)
Datang International Power	991 HK	China	13.8	16.9	8.4	7.2	0.4	0.4	8.4	8.1	6.3	7.1
Huadian Power	1071 HK	China	20.6	9.7	5.9	5.4	0.4	0.3	8.1	7.9	7.7	8.4
Huaneng Power	600011 CH	China	20.4	16.1	12.2	10.5	0.7	0.7	7.8	7.3	4.8	5.1
Cheung Kong Infrastructure	1038 HK	Hong Kong	(13.0)	9.6	11.5	10.5	0.9	0.8	39.0	38.0	6.0	6.1
China Power Int'l	2380 HK	Hong Kong	(3.4)	31.8	8.4	6.4	0.5	0.4	9.1	7.8	7.4	8.1
China Resources Power	836 HK	Hong Kong	18.2	12.0	5.4	4.8	0.6	0.6	5.3	4.8	7.2	8.0
CLP Holdings	2 HK	Hong Kong	7.6	5.6	16.2	15.4	1.7	1.6	10.5	10.1	4.2	4.3
Hongkong Electric Holdings	6 HK	Hong Kong	(7.8)	5.0	14.0	13.3	1.1	1.1	66.9	62.3	6.4	6.5
Huaneng Power	902 HK	Hong Kong	26.9	13.4	8.6	7.6	0.5	0.5	7.8	7.3	6.9	7.2
Reliance Infrastructure	RELI IN	India	na	na	na	na	na	na	na	na	na	na
Tata Power	TPWR IN	India	(9.0)	14.4	12.1	10.6	0.7	0.7	8.8	8.4	2.7	3.2
Tenaga Nasional	TNB MK	Malaysia	(9.7)	6.3	12.3	11.6	1.0	1.0	7.2	7.0	4.7	5.1
YTL Corp	YTL MK	Malaysia	(53.7)	42.1	38.7	27.2	0.7	0.7	12.4	11.9	4.4	4.8
YTL Power	YTLP MK	Malaysia	(39.7)	17.1	17.3	14.8	0.5	0.5	10.5	10.3	5.2	5.2
Manila Electric	MER PM	Philippines	(8.2)	4.7	13.6	13.0	3.2	3.1	7.0	6.9	5.8	5.8
Absolute Clean Energy *	ACE TB	Thailand	35.0	27.1	31.3	24.7	3.9	3.5	21.5	19.6	1.0	1.6
BCPG Pcl *	BCPG TB	Thailand	23.4	6.8	14.6	13.6	1.9	1.8	16.3	17.0	4.1	4.1
B.Grimm Power Pcl *	BGRIM TB	Thailand	35.2	8.4	44.8	41.4	4.3	4.0	12.6	12.4	0.9	1.0
Banpu Power Pcl *	BPP TB	Thailand	8.6	19.6	11.1	9.3	1.1	1.1	62.2	73.5	4.5	5.4
CK Power Pcl *	СКР ТВ	Thailand	240.4	84.5	56.1	30.4	2.1	2.0	23.8	18.7	0.7	1.3
EA Pcl*	EA TB	Thailand	7.4	38.5	29.0	21.0	6.4	5.2	20.3	16.0	0.7	1.4
Electricity Generating *	EGCO TB	Thailand	0.3	2.9	12.4	12.0	1.1	1.0	25.3	23.4	3.0	3.2
Global Power Synergy *	GPSC TB	Thailand	9.3	24.6	35.6	28.6	1.9	1.8	16.6	14.7	1.7	2.1
Gulf Energy Dev. Pcl *	GULF TB	Thailand	44.8	33.3	71.9	53.9	9.1	8.5	42.2	36.6	0.8	1.1
Gunkul Engineering *	GUNKUL TB	Thailand	(14.8)	13.6	11.9	10.5	2.1	1.9	15.5	14.1	3.8	4.3
RATCH Group *	RATCH TB	Thailand	6.3	15.4	13.4	11.6	1.4	1.3	23.1	18.3	4.5	4.7
SPCG Pcl*	SPCG TB	Thailand	0.3	(8.3)	6.7	7.3	1.2	1.1	5.0	4.6	6.7	6.1
TPC Power Holding *	ТРСН ТВ	Thailand	22.7	28.9	12.3	9.6	1.7	1.5	9.1	6.2	1.2	1.6
WHA Utilities & Power *	WHAUP TB	Thailand	(33.9)	17.8	14.1	12.0	1.2	1.1	39.2	32.5	2.1	2.5
Average			12.4	18.5	19.6	15.9	1.9	1.7	19.3	18.1	4.1	4.5

Sources: Bloomberg, \* Thanachart estimates

Based on 4 August 2020 closing prices

### **COMPANY DESCRIPTION**

Established in 2006 as a biodiesel business operator, Energy Absolute Pcl (EA) has become Thailand's largest producer of renewable power with a total capacity of 660MW (net) by 2018 (278MW of solar power and 386MW of wind power). EA has a wholly owned subsidiary called Energy Solution Management (ESM) to provide O&M services for the group's renewable power plants. EA invested in the energy storage business via a 70% stake in Taiwan-based Amita Technologies with plans to build a 50GWh energy storage plant in Thailand between 2018-22.

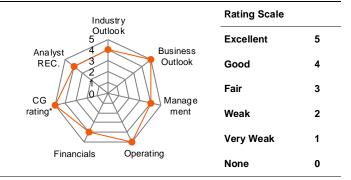
Source: Thanachart

#### THANACHART'S SWOT ANALYSIS

#### S — Strength

 Management has a strong financial background with what we regard as well-thought-out plans for expansion.

#### **COMPANY RATING**



Source: Thanachart; \* CG Rating

#### W — Weakness

 In a heavy capex cycle due to scheduled new capacity expansion but gearing is still below its threshold.

#### **O** — Opportunity

- Electricity industry gearing towards renewable energy.
- Huge potential capacity expansion planned.
- Energy storage (ES) could be part of the requirements for the government grid and private off-grid systems.

#### T — Threat

- New capacity tendered by the government will likely see lower returns.
- Regulations from both domestic and overseas power markets.

#### **CONSENSUS COMPARISON**

	Consensus	Thanachart	Diff
Target price (Bt)	52.38	100.00	91%
Net profit 2020F (Bt m)	6,283	6,360	1%
Net profit 2021F (Bt m)	7,403	8,811	19%
Consensus REC	BUY: 3	HOLD: 2	SELL: 2

#### HOW ARE WE DIFFERENT FROM THE STREET?

- Our TP is 91% above the Bloomberg consensus number, which we attribute to us having already incorporated the valuation of its ES gigafactory and downstream businesses.
- Our 2020F net profit is largely in line with the Street's. However, our 2021F profit is 19% above consensus, likely as we expect higher revenues and margins from its BES-related business and an improved biodiesel business performance.

### **RISKS TO OUR INVESTMENT CASE**

- If investment costs come in higher than we presently anticipate this would represent the key downside risk to our call.
- If projects are delayed from their commercial operation date (COD) schedules, this would represent a secondary downside risk to our call.

Sources: Bloomberg consensus, Thanachart estimates

2020F revenue, earnings likely to see strong growth with Hanuman's full-year operation...

...plus PCM bringing in new earnings from 3Q20F

Fixed assets, debt, to rise on battery plant and investments...

...with capex for ES Phase 2 due to gradually start from 2021F

FY ending Dec (Bt m)	2018A	2019A	2020F	2021F	2022
Sales	11,552	14,887	17,747	32,388	54,384
Cost of sales	5,668	6,752	8,701	19,551	34,558
Gross profit	5,884	8,134	9,046	12,837	19,827
% gross margin	50.9%	54.6%	51.0%	39.6%	36.5%
Selling & administration expenses	805	946	1,120	2,001	3,161
Operating profit	5,079	7,189	7,926	10,836	16,666
% operating margin	44.0%	48.3%	44.7%	33.5%	30.6%
Depreciation & amortization	1,833	2,517	3,271	4,135	4,838
EBITDA	6,912	9,706	11,197	14,972	21,504
% EBITDA margin	59.8%	65.2%	63.1%	46.2%	39.5%
Non-operating income	44	68	50	70	108
Non-operating expenses	0	0	0	0	0
Interest expense	(1,086)	(1,386)	(1,554)	(1,707)	(2,507
Pre-tax profit	4,036	5,870	6,421	9,199	14,267
Income tax	32	(11)	26	181	788
After-tax profit	4,004	5,881	6,396	9,018	13,479
% net margin	34.7%	39.5%	36.0%	27.8%	24.8%
Shares in affiliates' Earnings	(6)	(14)	(15)	(10)	110
Minority interests	86	55	(20)	(196)	(722
Extraordinary items	1,063	160	0	0	` a
NET PROFIT	5,148	6,082	6,360	8,811	12,867
Normalized profit	4,084	5,922	6,360	8,811	12,867
EPS (Bt)	1.4	1.6	1.7	2.4	3.4
Normalized EPS (Bt)	1.1	1.6	1.7	2.4	3.4
. ,					-
BALANCE SHEET	00101	00101	00005	00045	
FY ending Dec (Bt m)	2018A	2019A	2020F	2021F	2022
ASSETS:					~~ /= ~
Current assets:	8,150	14,033	7,279	13,102	20,459
Cash & cash equivalent	5,523	10,040	2,512	4,012	5,012
Account receivables	1,651	2,666	3,160	5,768	9,685
Inventories	330	758	930	2,089	3,692
Others	647	569	678	1,234	2,070
Investments & loans	0	0	5,130	5,660	6,859
Net fixed assets	47,587	51,371	61,901	78,040	100,248
Other assets	3,470	4,816	6,244	7,721	8,878
Total assets	59,208	70,220	80,554	104,524	136,443
LIABILITIES:					
Current liabilities:	12,503	6,008	8,972	7,596	9,090
Account payables	150	285	358	803	1,420
Bank overdraft & ST loans	1,817	660	2,796	936	C
Current LT debt	1,264	4,308	4,513	4,099	4,883
Others current liabilities	9,271	755	1,306	1,758	2,787
Total LT debt	26,145	36,993	37,664	54,460	72,626
Others LT liabilities	1,042	2,352	3,694	5,022	6,772
Total liabilities	39,690	45,353	50,330	67,078	88,488
Minority interest	1,379	1,502	1,522	1,719	2,441
Preferreds shares	0	0	0	0	C
Paid-up capital	373	373	373	373	373
Share premium	3,681	3,681	3,681	3,681	3,681
Warrants	0	0	0	0,001	0,00 I
Surplus	(779)	(874)	(874)	(874)	(874
	. ,	. ,		. ,	
Retained earnings	14.864	20.185	25.522	32,548	42.33h
<b>Retained earnings</b> Shareholders' equity	<b>14,864</b> 18,139	<b>20,185</b> 23,365	<b>25,522</b> 28,701	<b>32,548</b> 35,727	<b>42,336</b> 45,515

Sources: Company data, Thanachart estimates

We expect negative FCF over 2020-22F...

...as we assume the Liion BESS gradually expands to Phase 2

CASH FLOW STATEMENT					
FY ending Dec (Bt m)	2018A	2019A	2020F	2021F	2022F
Earnings before tax	4,036	5,870	6,421	9,199	14,267
Tax paid	(32)	11	(26)	(181)	(788)
Depreciation & amortization	1,833	2,517	3,271	4,135	4,838
Chg In w orking capital	(87)	(1,308)	(594)	(3,321)	(4,904)
Chg In other CA & CL / minorities	9,637	(8,213)	346	(326)	85
Cash flow from operations	15,387	(1,123)	9,418	9,507	13,498
Capex	(14,201)	(6,301)	(13,585)	(20,034)	(26,757)
Right of use	0	0	(1,350)	(300)	(300)
ST loans & investments	(1)	(1)	0	0	0
LT loans & investments	0	0	(5,130)	(530)	(1,199)
Adj for asset revaluation	0	0	0	0	0
Chg In other assets & liabilities	(14)	(97)	1,130	122	823
Cash flow from investments	(14,215)	(6,399)	(18,935)	(20,743)	(27,433)
Debt financing	1,521	12,895	3,012	14,522	18,015
Capital increase	0	0	0	0	0
Dividends paid	(746)	(932)	(1,196)	(1,958)	(3,252)
Warrants & other surplus	(931)	77	172	172	172
Cash flow from financing	(156)	12,039	1,989	12,736	14,935
Free cash flow	1,187	(7,424)	(4,167)	(10,528)	(13,259)

## VALUATION

2018A 2019A FY ending Dec 2020F 2021F 2022F Normalized PE (x) 45.2 31.2 29.0 21.0 14.3 Normalized PE - at target price (x) 42.3 29.0 91.3 63.0 58.6 PE(x) 35.9 30.4 29.0 21.0 14.3 PE - at target price (x) 72.5 61.3 58.6 42.3 29.0 EV/EBITDA (x) 30.1 22.3 20.3 16.0 12.0 EV/EBITDA - at target price (x) 57.4 41.7 37.1 28.6 20.7 5.2 10.2 7.9 6.4 4.1 P/BV (x) P/BV - at target price (x) 20.6 16.0 13.0 10.4 8.2 P/CFO (x) (164.5) 19.6 19.4 13.7 12.0 Price/sales (x) 16.0 12.4 10.4 5.7 3.4 Dividend yield (%) 0.5 0.6 0.7 1.4 2.1 FCF Yield (%) 0.6 (4.0) (2.3)(5.7) (7.2) (Bt) Normalized EPS 1.1 1.6 1.7 2.4 3.4 EPS 1.6 1.7 2.4 3.4 1.4 DPS 0.3 0.3 0.7 0.3 1.0 BV/share 4.9 6.3 7.7 9.6 12.2 CFO/share 4.1 (0.3) 2.5 2.5 3.6 FCF/share 0.3 (2.0) (1.1)(2.8)(3.6)

Sources: Company data, Thanachart estimates

29x 2020F PE, vs. 30% three-year normalized EPS growth looks attractive to us

FINANCIAL RATIOS					
FY ending Dec	2018A	2019A	2020F	2021F	2022F
Growth Rate					
Sales (%)	(0.2)	28.9	19.2	82.5	67.9
Net profit (%)	34.8	18.1	4.6	38.5	46.0
EPS (%)	34.8	18.1	4.6	38.5	46.0
Normalized profit (%)	8.7	45.0	7.4	38.5	46.0
Normalized EPS (%)	8.7	45.0	7.4	38.5	46.0
Dividend payout ratio (%)	18.1	18.4	20.0	30.0	30.0
Operating performance					
Gross margin (%)	50.9	54.6	51.0	39.6	36.5
Operating margin (%)	44.0	48.3	44.7	33.5	30.6
EBITDA margin (%)	59.8	65.2	63.1	46.2	39.5
Net margin (%)	34.7	39.5	36.0	27.8	24.8
D/E (incl. minor) (x)	1.5	1.7	1.5	1.6	1.6
Net D/E (incl. minor) (x)	1.2	1.3	1.4	1.5	1.5
Interest coverage - EBIT (x)	na	na	na	na	na
Interest coverage - EBITDA (x)	na	na	na	na	na
ROA - using norm profit (%)	7.9	9.2	8.4	9.5	10.7
ROE - using norm profit (%)	24.9	28.5	24.4	27.4	31.7
DuPont					
ROE - using after tax profit (%)	24.4	28.3	24.6	28.0	33.2
- asset turnover (x)	0.2	0.2	0.2	0.3	0.5
- operating margin (%)	44.3	48.7	44.9	33.7	30.8
- leverage (x)	3.2	3.1	2.9	2.9	3.0
- interest burden (%)	78.8	80.9	80.5	84.3	85.1
- tax burden (%)	99.2	100.2	99.6	98.0	94.5
WACC (%)	5.0	5.0	5.0	5.0	5.0
ROIC (%)	13.2	17.2	14.3	14.9	17.3
NOPAT (Bt m)	5,039	7,202	7,894	10,623	15,745
invested capital (Bt m)	41,843	55,285	71,163	91,211	118,013

Sources: Company data, Thanachart estimates

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Note: Thanachart Capital Public Company Limited (TCAP), TMB Bank Public Company Limited (TMB), are related companies to Thanachart Securities Public Company Limited (TNS). Thanachart Securities Pcl is a subsidiary of Thanachart Capital Pcl (TCAP) which holds 20.1% of the shareholding in TMB Bank Pcl.

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#### **Recommendation Structure:**

Recommendations are based on absolute upside or downside, which is the difference between the target price and the current market price. If the upside is 10% or more, the recommendation is BUY. If the downside is 10% or more, the recommendation is SELL. For stocks where the upside or downside is less than 10%, the recommendation is HOLD. 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 the market price and the formal recommendation.

For sectors, an "Overweight" sector weighting is used when we have BUYs on majority of the stocks under our coverage by market cap. "Underweight" is used when we have SELLs on majority of the stocks we cover by market cap. "Neutral" is used when there are relatively equal weightings of BUYs and SELLs.

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