Change in Numbers

Upside : 50.9%

Bangkok Exp. & Metro (BEM TB)

Bt20 fare a catalyst

Despite our 5% p.a. earnings cuts over 2025-27F to reflect weak ridership and traffic volume, we maintain our BUY call on BEM. We expect an earnings turnaround next year with potential upside from the government's Bt20 fare program. We value BEM at Bt8.0/share.

Cutting our TP to Bt8; maintaining BUY

Weaker-than-expected ridership and traffic volume cause us to cut our earnings estimates for BEM by 5% p.a. in 2025-27F (see Exhibit 3) and our DCF-derived SOTP-based 12-month TP (2025F base year) to Bt8.0 from Bt9.0. However, we maintain our BUY call on BEM. *First,* despite a 3% earnings contraction this year, we estimate a turnaround of 6% p.a. in 2026-27F. We also see potential upside to our numbers if the government successfully implements its Bt20 fare cap as planned in October this year. *Second,* BEM is a fundamentally strong company, in our view, with good infrastructure assets and long concession periods of 10 years for expressways and 25 years for mass-transit lines. *Third,* it now trades at the lowest PE multiples of 20-22x in 2025-27F since its listing on the SET in 2016.

Earnings turnaround next year with upside

BEM's expressway business is mature with traffic volume growth of 1-2% p.a., while its mass-transit business is still seeing ridership growth of 5-6% p.a. However, the impact of the recent earthquake, the economic downturn, and weak tourist arrivals caused its traffic volume to fall by 1.4% y-y in 1H25 and ridership to grow by only 1.5% y-y. With our view of a gradual economic recovery next year, we estimate BEM's traffic volume growth at -2/1/1% in 2025-27F and ridership growth of 0/5/5%, causing its earnings to fall by 3% y-y this year before recovering by 6% y-y p.a. in 2026-27F. We leave the implementation of the government's Bt20 fare cap plan as potential upside.

Bt20 fare cap plan

The cabinet has approved a plan to cap the fare on all masstransit lines at Bt20 starting on 1 October 2025. BEM's Blue Line fares vary by distance at Bt17-45/trip. The government is negotiating with BEM on the fare subsidy structure, and BEM plans to ask for **1**) a 100% fare difference subsidy for its normal ridership level and **2**) a subsidy for additional operating expenses to serve additional ridership from the plan. We have yet to factor in this plan, but our earnings sensitivity indicates 10-30% ridership increases would lift earnings by 6-17% (see Exhibit 8).

The double-deck expressway

The double-deck expressway project is still waiting for cabinet approval, and BEM expects to secure this project by next year. The investment cost is estimated at Bt35bn with a four-year construction period. In return, BEM would be awarded the concession extension for its first and second stage expressways for 22 years and five months, ending in 2058. It would also unlock its capacity constraints given the 20% additional road surface.



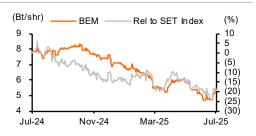
SAKSID PHADTHANANARAK

662-779-9119 saksid.pha@thanachartsec.co.th

COMPANY VALUATION

-				
Y/E Dec (Bt m)	2024A	2025F	2026F	2027F
Sales	17,004	17,047	17,621	18,238
Net profit	3,768	3,668	3,889	4,127
Consensus NP	_	3,956	4,216	4,403
Diff frm cons (%)	_	(7.3)	(7.7)	(6.3)
Norm profit	3,768	3,668	3,889	4,127
Prev. Norm profit	_	3,871	4,078	4,331
Chg frm prev (%)	_	(5.2)	(4.6)	(4.7)
Norm EPS (Bt)	0.2	0.2	0.3	0.3
Norm EPS grw (%)	8.3	(2.7)	6.0	6.1
Norm PE (x)	21.5	22.1	20.8	19.6
EV/EBITDA (x)	19.9	19.8	18.8	18.4
P/BV (x)	2.2	2.1	2.0	2.0
Div yield (%)	2.8	2.7	2.9	3.1
ROE (%)	10.2	9.8	10.0	10.2
Net D/E (%)	232.3	223.3	203.5	200.8

PRICE PERFORMANCE



COMPANY INFORMATION

Price as of 15-Jul-25 (Bt)	5.30
Market Cap (US\$ m)	2,500.5
Listed Shares (m shares)	15,285.0
Free Float (%)	45.5
Avg Daily Turnover (US\$ m)	7.9
12M Price H/L (Bt)	8.30/4.66
Sector	Transportation
Major Shareholder	CK Pcl 37.9%

Sources: Bloomberg, Company data, Thanachart estimates

ESG Summary Report P9

We cut BEM's earnings by

5% p.a. in 2025-27F to

...weaker-than-expected

growth, and ...

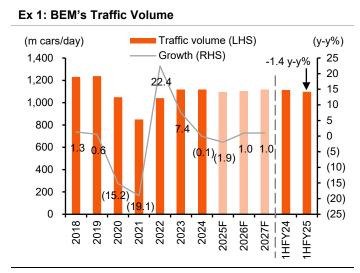
traffic volume and ridership

reflect...

Cutting our TP to Bt8

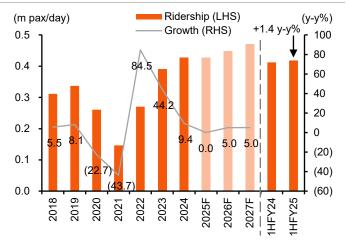
Bangkok Expressway & Metro PcI (BEM) holds concessions granted by the government to operate expressway and mass-transit businesses in Thailand. While its expressway business is reaching full capacity, its traffic volume is growing at an organic rate of 1-2% p.a. In contrast, its mass-transit business is in a growth stage with its ridership growth at 5-6% p.a. However, given the economic downturn, weak tourist arrivals, the temporary closure of some expressway entrances and exits due to the earthquake in late-March, and traffic jams due to construction near the expressways, BEM's traffic volume fell by 1.4% y-y in 1H25, and ridership grew by only 1.4% y-y. Therefore, we cut our earnings estimates by 5% p.a. in 2025-27F after making changes to our key assumptions as follows:

First, given the above hiccups, we cut our traffic volume growth forecast to negative 2% y-y this year and ridership growth to flat y-y. However, given our expectation of a gradual economic recovery next year, we assume growth of 1% y-y p.a. in 2026-27F for its traffic volume and 5% y-y p.a. for its ridership.





Ex 2: BEM's Ridership



Sources: Company data, Thanachart estimates

...lower gross margin

Second, this causes our revenue estimates to fall by 2-3% in 2025-27F with our gross margin assumptions at 44-45%.

Our TP falls to Bt8

As a result, our DCF-derived SOTP-based 12-month TP (2025F base year) falls to Bt8.0, from Bt9.0 previously.

	2022	2023	2024	2025F	2026F	2027F
Traffic volume (000 cars/day)						
New	1,039.6	1,116.8	1,115.9	1,094.4	1,105.4	1,116.4
Old				1,104.8	1,115.8	1,127.0
Change (%)				0.9	0.9	0.9
Ridership (000 trips/day)						
New	270.6	390.3	426.9	426.9	448.2	470.7
Old				444.0	470.6	494.1
Change (%)				(3.9)	(4.8)	(4.7)
Revenue (Bt m)						
New	14,029	16,375	17,004	17,047	17,621	18,238
Old				17,463	18,092	18,738
Change (%)				(2.4)	(2.6)	(2.7
Gross margin (%)						
New	39.8	43.1	44.1	44.2	44.2	44.5
Old				44.5	44.2	44.2
Change (ppt)				(0.3)	0.0	0.3
Normalized profit (Bt m)						
New	2,436	3,479	3,768	3,668	3,889	4,12
Old				3,871	4,078	4,279
Change (%)				(5.2)	(4.6)	(4.7

Sources: Company data, Thanachart estimates

Ex 4: Our DCF-derived SOTP-based TP For BEM

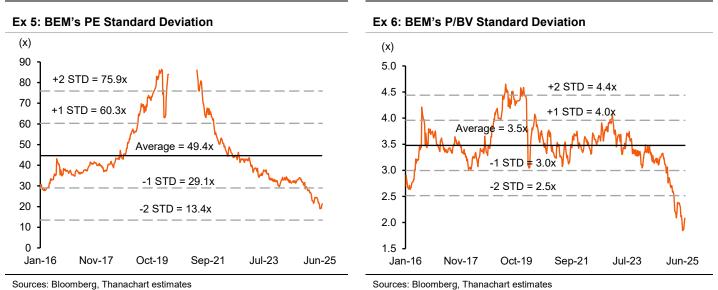
BBG code	% holding	Our TP (Bt)	Fair value (Bt m)	15% discount (Bt m)	Share price (Bt/share)	Market value (Bt m)
TTW TB	18.5%	9.0	6,633	5,638	8.9	6,522
СКР ТВ	16.8%	5.0	6.837	5,811	2.5	3,473
Orange Line				7,808		
Total				19,257		9,995
Per BEM sha	re (Bt)			1.3		0.7
Mass-transit	business val	ue (Bt)	6.6			
Our TP (Bt)				8.0		

priced in...

Maintaining our BUY call

But we maintain BUY as... Despite that, we maintain our BUY call on BEM as:

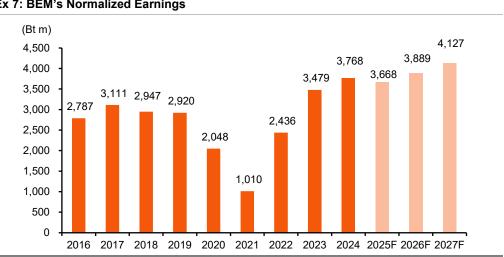
...the bad news looks First, the 25% correction in its share price from its peak this year looks overdone to us. The shares now trade at PE multiples of 20-22x in 2025-27F and P/BV ratios of 2-2.1x, which are the lowest levels since it listed on the SET in 2016.



Sources: Bloomberg, Thanachart estimates

...we expect an earnings recovery next year ...

Second, we expect the hiccups in traffic volume and ridership this year to cause its earnings to fall by 3% y-y. However, we expect a gradual economic and tourist arrival recovery to turn around its earnings to achieve growth of 6% y-y p.a. in 2026-27F.



Ex 7: BEM's Normalized Earnings

...we see potential earnings upside from the Bt20 fare cap implementation... **Third,** we foresee potential earnings upside from the government's implementation of the Bt20 fare cap plan. Last week, the cabinet approved a cap on fares for BEM's Blue and Purple lines, BTS's Green, Gold, Yellow, and Pink lines, and the State Railway of Thailand's Airport Rail Link and Red Line at a maximum price of Bt20/trip, starting from 1 October 2025. BEM's Blue Line fares vary by distance from Bt17-45/trip. Therefore, the government is negotiating with it on the fare subsidy structure, and BEM plans to ask for **1**) a 100% fare difference subsidy for its normal ridership level and **2**) a subsidy for additional operating expenses to serve additional ridership from the plan.

We have yet to factor this plan into our model. However, if we assume **1**) the government subsidizes a 100% fare difference for BEM's normal ridership (our base case) and **2**) for additional ridership above the normal level, a fare of Bt20/trip will be shared 50:50 between BEM and the government, our earnings sensitivity indicates that 10-30% increases in ridership would lift BEM's earnings by 6-17%. Note that when the government offered free rides on buses and electric trains to combat air pollution between 25-31 January 2025, the Blue Line's ridership jumped by 34% w-w.

Ex 8: Sensitivity Analysis Of Our Earnings to Changes In Ridership

	——— Ridership ('000 trips/day) ———			Norn	ТР		
	2025F	2026F	2027F	2025F	2026F	2027F	(Bt/share)
Our base case	427	448	471	3,668	3,889	4,127	8.0
BEM's guidance*	444	466	489	3,692	3,994	4,237	8.2
10% additional ridership @ Bt10 from Oct 25 onward	470	493	518	3,723	4,125	4,409	8.4
20% additional ridership @ Bt10 from Oct 25 onward	512	538	565	3,754	4,255	4,512	8.7
30% additional ridership @ Bt10 from Oct 25 onward	555	583	612	3,785	4,517	4,821	9.3

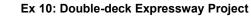
Source: Thanachart estimates

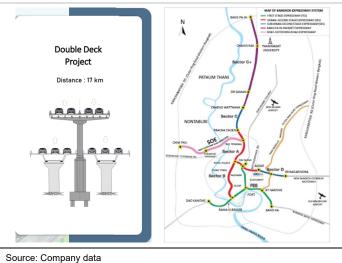
Note: * BEM expects its ridership to be 450,000-500,000 trips/day this year.

...we expect it to get the double-deck expressway project next year... *Fourth,* BEM's Bt35bn double-deck expressway project is still waiting for cabinet approval. Despite lengthy delays, BEM expects to sign the contract for this project by next year. We have already factored this project into our model with assumptions of Bt35bn in capex, construction scheduled for 2026-29, and 1.5% y-y traffic volume growth from 2030F onwards (vs. its organic growth of 1% p.a.) and, most importantly, extension of the expressway's concession for 22 years and five months.



Ex 9: Bottleneck On Current Expressways





Source: Company data

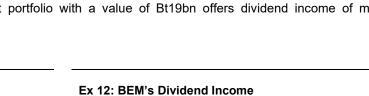
...and its fundamentals remain solid with good infrastructure assets and long concession periods *Finally,* we believe BEM's fundamentals remain solid given 1) its good infrastructure assets with long concession periods of 10 years for expressways and 25 years for mass-transit lines, generating high and stable cash flow growth with EBITDA margins of over 45%, and 2) its investment portfolio with a value of Bt19bn offers dividend income of more than

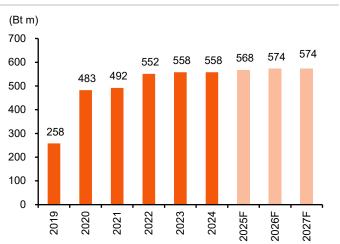
Ex 11: BEM's Concession Periods

	Ending	
	concession year	Right to renewal
Expressway: SES Sector A B C	October 2035	4 years 4 months
Expressway: SES Sector D	October 2035	10 years 11 month
Expressway: SES Sector C+	October 2035	11 years 6 months
Expressway: SOE	October 2042	—
Mass transit: Blue Line	March 2050	_
Mass transit: Purple Line	August 2043	_

Bt550m a year.

Sources: Company data, Thanachart estimates





Valuation Comparison

Ex 13: Valuation Comparison With Regional Peers

			EPS g	growth	—— P	'E ——	— P	/BV —	EV/E	BITDA	— Div Y	ield —
Name	BBG Code	Country	25F	26F	25F	26F	25F	26F	25F	26F	25F	26F
			(%)	(%)	(x)	(x)	(x)	(x)	(x)	(x)	(%)	(%)
Guangshen Railway	601333 CH	China	(5.0)	0.5	20.9	20.9	0.8	0.7	5.8	5.7	2.3	1.7
Central Japan Railway	9022 JP	Japan	(1.2)	(0.1)	7.2	7.2	0.6	0.6	7.4	7.3	1.0	1.0
Keisei Electric Railway	9009 JP	Japan	(33.6)	7.4	13.1	12.2	1.1	1.0	14.1	13.4	1.7	2.0
MTR Corp Ltd	66 HK	Hong Kong	(1.5)	2.1	9.9	9.7	0.9	0.8	10.6	9.9	4.8	4.8
Jungfraubahn Holding	JFN SW	Switzerland	0.5	(0.5)	15.1	15.2	1.5	1.5	8.8	8.9	3.7	3.7
Jiangsu Expressway	177 HK	China	3.4	5.1	9.1	8.7	1.1	1.1	12.8	12.1	5.3	5.3
Zhejiang Expressway	576 HK	China	1.9	3.5	7.4	7.1	0.8	0.8	6.7	6.5	5.6	5.6
Anhui Expressway	995 HK	China	8.1	4.4	10.4	9.9	1.3	1.3	9.4	9.1	5.9	6.3
Jasa Marga Persero	JSMR IJ	Indonesia	(16.2)	11.4	6.9	6.2	0.7	0.6	8.2	7.5	2.8	3.0
Bangkok Express & Metro	BEM TB*	Thailand	(2.7)	6.0	22.1	20.8	2.1	2.0	19.8	18.8	2.7	2.9
BTS Group Holdings	BTS TB**	Thailand	na	51.6	66.6	43.9	0.9	0.9	55.6	44.6	0.9	1.4
Average			(4.6)	8.3	17.2	14.7	1.1	1.0	14.5	13.1	3.3	3.4

Source: Bloomberg

Note: * Thanachart estimates , using Thanachart normalized EPS

** BTS's financial year ends in March.

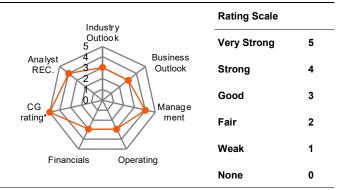
Based on 15 July 2025 closing prices

BEM

COMPANY DESCRIPTION

Bangkok Expressway and Metro Pcl is the amalgamated company between Bangkok Expressway (BECL) and Bangkok Metro (BMCL). It operates expressway and mass-transit projects in Thailand under build-transfer-operate concession contracts from the Expressway Authority of Thailand and the State Railway of Thailand.

COMPANY RATING



Source: Thanachart

THANACHART'S SWOT ANALYSIS

S — Strength

 BEM's expressways and subway go through the center of Bangkok, with secure traffic volume and ridership growth.

Its businesses generate secure and stable cash flows.

0 — Opportunity

- The extensions of BEM's networks would help to feed passengers and cars into its systems.
- The government's infrastructure investments will likely create opportunities for BEM to grow.
- There are only two private companies operating mass-transit projects in Thailand at present.

CONSENSUS COMPARISON

	Consensus	Thanachart	Diff
Target price (Bt)	9.37	8.00	-15%
Norm profit 25F (Bt m)	3,956	3,668	-7%
Norm profit 26F (Bt m)	4,216	3,889	-8%
Consensus REC	BUY: 19	HOLD: 0	SELL: 0

HOW ARE WE DIFFERENT FROM THE STREET?

- Our 2025-26F earnings are 7-8% below the Bloomberg consensus numbers, which we attribute to us having more conservative traffic volume and ridership assumptions.
- Our TP is also 15% lower than the consensus number, following our lower earnings forecast.

Source: Thanachart; *CG Awards

W — Weakness

BEM's revenue-generating market is limited to Bangkok.

Its businesses are under concession contracts, thereby leading to continuity risk.

T — Threat

- The government has intervened in the past in BEM's toll and fare rate revisions even though there's a concession contract.
- Delays to the government's infrastructure investments.

RISKS TO OUR INVESTMENT CASE

- A weaker-than-expected economy and tourist arrivals could put BEM's traffic volume and ridership under more pressure, and represents the key downside risk to our earnings forecasts.
- Government intervention in its toll and fare rate hikes could pose another downside risk to our earnings estimates.
- Higher-than-expected electricity costs present another risk to our earnings forecasts.

Sources: Bloomberg consensus, Thanachart forecasts

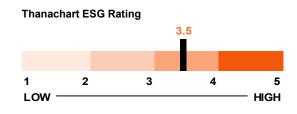
Source: Thanachart

Bangkok Expressway and Metro Pcl.

Sector: Services | Transportation & Logistics

ESG & Sustainability Report

BEM holds concessions granted by the government to operate the Sirat and Udon Ratthaya expressways and the Blue and Purple line mass-transit networks. It was awarded the highest "AAA" rating in the SET's ESG ratings for 2024. Our ESG score for BEM is also good at 3.45.



							S&P		
	SET ESG	SET ESG	DJSI	MSCI	ESG Book	Refinitiv	Global	Moody's	CG Rating
	Index	(BBB-AAA)	Index	(CCC-AAA)	(0-100)	(0-100)	(0-100)	(0-100)	(0-5)
BEM	YES	AAA	-	BBB	58.97	42.66	52.00	-	5.0

Sources: SETTRADE, SET ESG Index, SET ESG Rating, The Dow Jones Industrial Average (DJSI), MSCI ESG Research LLC, ESG Book, Refinitiv ESG Information, S&P Global Market Intelligence, Moody's ESG Solutions, Thai IOD (CG rating) Note: Please see third party on "terms of use" in the following back page.

Factors	Our Comments
 ENVIRONMENT Environmental Policies & Guidelines Energy Management Carbon Management Water Management Waste Management 	 We assign a good Environment score of 3.8 to BEM. While its expressways do not create high levels of greenhouse gases (GHG) by themselves, its mass-transit projects are electric lines. BEM also assigns importance to other ESG issues with achievement targets. BEM aims to achieve carbon neutrality by 2050 and net-zero GHG emissions by 2065 through various energy-saving projects such as installing solar rooftops, replacing combustion engine cars with EVs, etc. In 2024, its GHG emissions fell by 1.6% to 141,552 tCO2e. Even though it aimed to reduce energy consumption by 4%, its electricity consumption increased by 3% in 2024 due to a higher number of passengers. BEM has implemented an automatic toll collection system, which results in expressway users saving travel time and fuel, while reducing traffic congestion and air pollution. It also monitors ambient air quality and noise levels around its expressway and mass-transit areas to make sure that they do not exceed the standard. It prioritizes pollution management in accordance with ISO14001 standards and the prioritizes pollution management in accordance with ISO14001 standards and
	Environmental Impact Assessment (EIA). It received the National Green Office Award at the "Excellent Level" granted by the Department of Climate Change And Environment.
 SOCIAL Human Rights Staff Management Health & Safety Product Safety & Quality Social Responsibility 	 Our Social score for BEM is also good at 3.8. BEM strictly complies with laws and human rights principles and treats employees with fairness and ensures a safe working environment. In 2024, its employee engagement and happiness score reached 81% with an average of 41 training hours/person/year. Given its prevention and safety control measures, its lost-time injury frequency rate for employees was 0.62 cases per 1 million hours worked, while the rate of high-consequence work-related injuries for passengers was 0 cases per 1 million passengers. Community satisfaction with community relations promotion activities was also high at 96%. It is certified under ISO 9001, ISO 45001, ISO 14001, and ISO 27001 standards for its service quality management.
GOVERNANCE & SUSTAINABILITY - Board - Ethics & Transparency - Business Sustainability - Risk Management - Innovation	 However, we assign a Governance score of 3 to BEM to reflect its non-ideal board structure. The board chair is not independent. Only six of the 17-member board of directors (BOD) are independent, which is below the 2/3 ideal ratio. There are six female members. On the positive side, BEM has audit, nomination & remuneration, corporate governance, risk management, and sustainable development committees with independent chairs. BEM has decent business sustainability given its good infrastructure assets with long concession periods.

Sources: Company data, Thanachart

2023A

2024A

2025F

INCOME STATEMENT

FY ending Dec (Btm)

BALANCE SHEFT

2027F

18,238

10,117

8,120

44.5%

1,368

6,753

37.0%

2,181

8,934

49.0%

(2,393)

5,159

1,032

4,127

22.6%

0

(0)

0

4,127

4,127

0.3

0.3

799

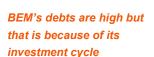
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2026F

Sales 16,375 17,004 17,047 17,621 Cost of sales 9,509 9,311 9,497 9,825 **Gross profit** 7,064 7,507 7,537 7,796 44.2% 44.2% % gross margin 43.1% 44.1% 1,278 Selling & administration expenses 1,241 1,261 1,322 **Operating profit** 5,823 6,246 6,259 6,474 % operating margin 35.6% 36.7% 36.7% 36.7% Depreciation & amortization 1,968 2,099 2,098 2,116 EBITDA 7,790 8,345 8,357 8,590 % EBITDA margin 47.6% 49.1% 49.0% 48.8% Non-operating income 764 762 810 815 Non-operating expenses 0 0 0 0 (2,427) (2, 428)Interest expense (2,371)(2,484)4,585 4,861 Pre-tax profit 4,216 4,581 737 917 972 Income tax 813 After-tax profit 3,479 3,768 3,668 3,889 21.2% 22.2% 21.5% 22.1% % net margin Shares in affiliates' Earnings 0 0 0 0 (0) Minority interests (0) (0) (0) Extraordinary items 0 0 0 0 NET PROFIT 3,479 3,768 3,668 3,889 3,889 earnings to recover to a Normalized profit 3,479 3,768 3,668 record-high next year EPS (Bt) 0.3 0.2 0.2 0.2 Normalized EPS (Bt) 0.2 0.2 0.2 0.3

BALANCE SHEET					
FY ending Dec (Bt m)	2023A	2024A	2025F	2026F	2027F
ASSETS:					
Current assets:	5,247	5,187	5,022	5,125	5,236
Cash & cash equivalent	2,070	2,136	1,963	1,963	1,963
Account receivables	897	908	910	941	974
Inventories	0	0	0	0	0
Others	2,280	2,143	2,149	2,221	2,299
Investments & loans	11,802	11,601	11,601	11,601	11,601
Net fixed assets	76,323	82,560	81,762	80,946	86,765
Other assets	19,123	33,425	36,197	34,747	33,297
Total assets	112,496	132,773	134,582	132,419	136,898
LIABILITIES:					
Current liabilities:	15,566	19,119	19,474	18,940	19,485
Account payables	1,615	3,420	3,424	3,538	3,643
Bank overdraft & ST loans	1,000	2,600	2,590	2,465	2,537
Current LT debt	12,246	12,184	12,625	12,013	12,362
Others current liabilities	705	915	834	924	944
Total LT debt	55,057	72,294	71,543	68,074	70,053
Others LT liabilities	4,208	4,800	5,583	5,802	6,034
Total liabilities	74,832	96,212	96,601	92,816	95,572
Minority interest	2	2	2	2	2
Preferreds shares	0	0	0	0	0
Paid-up capital	15,285	15,285	15,285	15,285	15,285
Share premium	5,817	5,817	5,817	5,817	5,817
Warrants	0	0	0	0	0
Surplus	(3,241)	(5,981)	(5,981)	(5,981)	(5,981)
Retained earnings	19,801	21,438	22,859	24,481	26,203
Shareholders' equity	37,663	36,559	37,980	39,602	41,324
Liabilities & equity	112,496	132,773	134,582	132,419	136,898

Sources: Company data, Thanachart estimates



We expect BEM's

CASH FLOW STATEMENT

2027F

5,159

(1,048)

2,181

72

(42) **6,322**

2026F

4,861

(929)

2,116

6,106

83

(25)

FY ending Dec (Bt m) 2023A 2024A 2025F 4,216 4,581 4,585 Earnings before tax (740) (657) (995) Tax paid 1,968 2,099 2,098 Depreciation & amortization Chg In working capital (397) 1,794 2 Chg In other CA & CL / minorities (44) 190 (8) 5,002 8,007 5,682 Cash flow from operations Capex spike in 2027F is because we assume **BEM** starts to invest in the double-deck expressway

BEM's valuation looks attractive to us with PEs of 20-22x in 2025-27F

cash now nom operations	0,001	0,001	0,001	0,100	0,011
Capex	(1,185)	(8,336)	(1,300)	(1,300)	(8,000)
Right of use	54	(30)	(50)	(50)	(50)
ST loans & investments	0	0	0	0	0
LT loans & investments	1,737	202	0	0	0
Adj for asset revaluation	0	0	0	0	0
Chg In other assets & liabilities	(1,056)	(13,681)	(1,939)	1,718	1,732
Cash flow from investments	(450)	(21,844)	(3,289)	368	(6,318)
Debt financing	(2,138)	18,775	(319)	(4,208)	2,400
Capital increase	0	0	0	0	0
Dividends paid	(1,834)	(2,137)	(2,247)	(2,267)	(2,405)
Warrants & other surplus	(1,244)	(2,735)	0	0	0
Cash flow from financing	(5,216)	13,903	(2,565)	(6,475)	(4)
Free cash flow	3,817	(328)	4,382	4,806	(1,678)
VALUATION					
FY ending Dec	2023A	2024A	2025F	2026F	2027F
Normalized PE (x)	23.3	21.5	22.1	20.8	19.6
Normalized PE - at target price (x)	35.1	32.5	33.3	31.4	29.6
PE(x)	23.3	21.5	22.1	20.8	19.6
PE - at target price (x)	35.1	32.5	33.3	31.4	29.6
EV/EBITDA (x)	18.9	19.9	19.8	18.8	18.4
EV/EBITDA - at target price (x)	24.2	24.8	24.8	23.6	23.0
P/BV (x)	2.2	2.2	2.1	2.0	2.0
P/BV - at target price (x)	3.2	3.3	3.2	3.1	3.0
P/CFO (x)	16.2	10.1	14.3	13.3	12.8
Price/sales (x)	4.9	4.8	4.8	4.6	4.4
Dividend yield (%)	2.6	2.8	2.7	2.9	3.1
FCF Yield (%)	4.7	(0.4)	5.4	5.9	(2.1)
(Bt)					
Normalized EPS	0.2	0.2	0.2	0.3	0.3
EPS	0.2	0.2	0.2	0.3	0.3
	0.1	0.2	0.1	0.2	0.2
DPS					_
DPS BV/share	2.5	2.4	2.5	2.6	2.7
	2.5 0.3	2.4 0.5	2.5 0.4	2.6 0.4	2.7 0.4

FINANCIAL RATIOS					
FY ending Dec	2023A	2024A	2025F	2026F	2027F
Growth Rate					
Sales (%)	16.7	3.8	0.3	3.4	3.5
Net profit (%)	42.8	8.3	(2.7)	6.0	6.1
EPS (%)	42.8	8.3	(2.7)	6.0	6.1
Normalized profit (%)	42.8	8.3	(2.7)	6.0	6.1
Normalized EPS (%)	42.8	8.3	(2.7)	6.0	6.1
Dividend payout ratio (%)	61.5	60.9	60.0	60.0	60.0
Operating performance					
Gross margin (%)	43.1	44.1	44.2	44.2	44.5
Operating margin (%)	35.6	36.7	36.7	36.7	37.0
EBITDA margin (%)	47.6	49.1	49.0	48.8	49.0
Net margin (%)	21.2	22.2	21.5	22.1	22.6
D/E (incl. minor) (x)	1.8	2.4	2.3	2.1	2.1
Net D/E (incl. minor) (x)	1.8	2.3	2.2	2.0	2.0
Interest coverage - EBIT (x)	2.5	2.6	2.5	2.7	2.8
Interest coverage - EBITDA (x)	3.3	3.4	3.4	3.5	3.7
ROA - using norm profit (%)	3.1	3.1	2.7	2.9	3.1
ROE - using norm profit (%)	9.3	10.2	9.8	10.0	10.2
DuPont					
ROE - using after tax profit (%)	9.3	10.2	9.8	10.0	10.2
- asset turnover (x)	0.1	0.1	0.1	0.1	0.1
- operating margin (%)	40.2	41.2	41.5	41.4	41.4
- leverage (x)	3.0	3.3	3.6	3.4	3.3
- interest burden (%)	64.0	65.4	64.9	66.7	68.3
- tax burden (%)	82.5	82.2	80.0	80.0	80.0
WACC (%)	6.5	6.5	6.5	6.5	6.5
ROIC (%)	4.6	4.9	4.1	4.2	4.5
NOPAT (Bt m)	4,805	5,137	5,007	5,179	5,402
invested capital (Bt m)	103,896	121,501	122,775	120,190	124,312

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ESG risk combines the concepts of management and exposure to arrive at an absolute assessment of ESG risk. We identify five categories of ESG risk severity that could impact a company's enterprise value

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