# J.P.Morgan

## **Beijing Enterprises Water**

Yieldco listing possible in 2015. Maintain OW

BEW is studying a potential listing of some of its water projects in a yieldco that could raise US\$300MM-500MM at <5% yield. We believe this would be a good way for BEW to lower gearing for more growth without diluting the existing share base. Stay OW on BEW.

- **Yieldco listing in the works.** BEW management said they are actively studying the possibility of spinning off some of their water projects in a yieldco. It may raise US\$300MM-500MM from the first batch of projects at a yield of <5%. This would imply ~10% of BEW's total projects and market cap, and could help it lower net gearing to 85% from 110%, on our estimates.
- **Disposal of under-performing assets:** BEW disposed of 12 sewage/water projects with 700k tons/day of treatment capacity because returns were not satisfactory. Because of this disposal, net capacity growth in 2014 was 3.4MM tons. Total capacity was 20MM tons as of end-2014, up 21% yoy, but slightly lower than our estimate of 21MM tons. BEW aims to add 3MM tons/day of treatment capacity in 2015E.
- M&A of industrial water cos possible. BEW is looking to grow into industrial wastewater treatment, possibly via acquisitions of existing treatment operators or membrane companies.
- Recurring earnings in line. BEW net profit rose by 65% to HK\$1.8B, partly due to some one-off gains. Stripping off those and stock option expense, BEW recurring earnings were largely in line with our estimates. DPS payout was kept at 38%, in line with our estimates.
- Maintain OW. We maintain our OW on BEW with a PT of HK\$6.6 ahead of: 1) potential spinoff of its water projects in a yieldco listing; and 2) privatization of water projects via PPP (public-private partnerships), which will be a key theme in the water space in 2015, in our view.

Beijing Enterprises Water (Reuters: 0371.HK, Bloomberg: 371 HK)

beiging Enterprises Water (Neuters. 037 I.HK, Bloomberg. 37 I HK)									
HK\$ in mn, year-end Dec	FY12A	FY13A	FY14E	FY15E	FY16E				
Revenue (HK\$ mn)	3,727	6,406	8,642	11,214	13,542				
Net Profit (HK\$ mn)	750	1,084	1,711	2,391	2,959				
EPS (HK\$)	0.11	0.14	0.20	0.27	0.34				
DPS (HK\$)	0.04	0.05	0.08	0.11	0.13				
Revenue growth (%)	40.4%	71.9%	34.9%	29.8%	20.8%				
EPS growth (%)	21.5%	28.7%	42.8%	37.6%	23.8%				
ROCE	6.3%	6.3%	8.2%	9.6%	10.1%				
ROE	9.1%	10.0%	12.4%	15.9%	17.7%				
P/E (x)	47.0	36.5	25.5	18.6	15.0				
P/BV (x)	4.2	3.0	3.0	2.8	2.5				
EV/EBITDA (x)	32.1	23.8	16.4	13.8	12.1				
Dividend Yield	0.8%	1.0%	1.5%	2 1%	2 6%				

Source: Company data, Bloomberg, J.P. Morgan estimates.

### Overweight

**0371.HK, 371 HK** Price: HK\$5.10

Price Target: HK\$6.60

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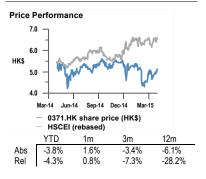
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J.P. Morgan Securities (Asia Pacific) Limited



Company Data	
Shares O/S (mn)	8,705
Market Cap (HK\$ mn)	44,395
Market Cap (\$ mn)	5,726
Price (HK\$)	5.10
Date Of Price	30 Mar 15
Free Float(%)	43.0%
3M - Avg daily vol (mn)	23.60
3M - Avg daily val (HK\$ mn)	112.58
3M - Avg daily val (\$ mn)	14.5
HSCEI	1,1898.09
Exchange Rate	7.75
Price Target End Date	30-Jun-15

#### See page 10 for analyst certification and important disclosures, including non-US analyst disclosures.

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#### Key catalysts for the stock price:

- · Acquisition of water assets and wastewater treatment capacity
- Stronger government policy support in water treatment sector

#### **Upside risks to our view:**

- · Higher-than-expected growth in treatment capacity
- · Improvement in operating margins
- Lower finance cost

#### Downside risks to our view:

- · Lower-than-expected addition of treatment capacity
- Delays in collection of water tariffs or contract sum
- · Delays in receiving water tariff hikes

Key financial metrics	FY13	FY14E	FY15E	FY16E
Revenues (LC mn)	6,406	8,642	11,214	13,542
Revenue growth (%)	71.9%	34.9%	29.8%	20.8%
EBITDA (LC mn)	2,300	3,551	4,460	5,386
EBITDA margin (%)	35.9%	41.1%	39.8%	39.8%
Tax rate (%)	23%	23%	23%	23%
Net profit (LC mn)	1,084	1,711	2,391	2,959
EPS (LC)	0.140	0.200	0.275	0.340
EPS growth (%)	28.7%	42.8%	37.6%	23.8%
DPS (LC)	0.05	0.08	0.11	0.13
BVPS (LC)	1.71	1.67	1.81	2.02
Operating cash flow (LC mn)	(5,827)	(2,103)	(1,789)	(1,172)
Free cash flow (LC mn)	(5,936)	(2,182)	(1,877)	(1,272)
Interest cover (x)	3	4	4	4
Net margin (%)	16.9%	19.8%	21.3%	21.8%
Sales/assets (X)	0.17	0.20	0.24	0.26
Debt/equity (%)	109.6%	96.7%	112.1%	114.3%
Net debt/equity (%)	89.8%	107.0%	118.6%	124.3%
ROE (%)	10%	12%	16%	18%
Key model assumptions	FY13	FY14E	FY15E	FY16E
Water treatment capacity				
(tons/day)	16.71	21.19	25.47	29.49
Average water tariff (HK\$/ton)	1.22	1.23	1.24	1.26
Interest rate		4.9%		
interest rate	5.1%	4.9%	4.9%	4.9%

Source: Company and J.P. Morgan estimates.

Sensitivity analysis Sensitivity to	EBITDA FY14E	FY15E	EPS FY14E	FY15E
100bps chg in interest cost	-3.7%	-3.0%	-5.5%	-4.0%
500k addition in BOT capacity	4%	3%	6%	4%

Source: J.P. Morgan estimates.

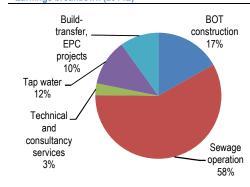
Comparative metrics									
	Ticker	Mkt Cap	P/E	(x)	EV/EBITD/	A (x)	P/BV (x)		YTD
		\$Mn	FY14E	FY15E	FY14E	FY15E	FY14E	FY15E	Share perf
BJE Water	371 HK	5,727	25.5	18.6	15.7	9.6	3.0	2.8	-7%
China Everbright Int'l	257 HK	7,609	31.5	23.0	21.3	14.5	4.0	3.6	8%
Guangdong Investment	270 HK	7,986	14.4	13.3	8.2	7.7	2.1	2.0	-1%
Sound Global	967 HK	1,360	13.8	10.8	10.2	8.7	1.8	1.7	-22%
China Water Affairs	855 HK*	682	15.3	14.1	NA	NA	NA	NA	-2%
CT Environmental	1363 HK*	1,656	32.3	22.3	23.8	NA	NA	NA	4%
Tianjin Capital	1065 HK*	2,678	22.9	21.1	22.4	20.5	1.6	1.5	-1%
	CEWL								
China Everbright Water	SP*	1,728	17.2	27.0	56.4	21.4	1.2	NA	NA
SIIC Environment	SIIC SP*	1,186	27.4	19.2	29.0	27.5	1.9	1.8	21%
	UENV								
United Envirotech	SP*	1,153	49.8	28.4	29.6	16.9	4.8	2.3	2%

Source: Bloomberg, J.P. Morgan estimates for covered companies, consensus estimates for not covered companies. \*Not covered. Prices are as of last closing.

#### Valuation and price target basis

Our Jun-15 PT is based on a sum-of-the-parts valuation, using a P/E multiple of 9x to for valuation of the build-transfer segment and DCF with WACC of 8.2% and terminal growth rate of 2% to value the water segment. Our PT implies a FY15E P/E of 24x.

#### Earnings breakdown (2014E)



Source: Bloomberg, Company data and J.P. Morgan estimates.

JPMe vs. consensus, change in estimates					
EPS (LC)	FY14E	FY15E			
JPMe old	0.20	0.26			
JPMe new	0.20	0.27			
% chg	-2%	6%			
Consensus	0.19	0.25			

Source: Bloomberg, J.P. Morgan estimates.

### Results review

Table 1: BEW P&L

HK\$MM

BEW's P&L	2013	2014	уоу
Revenue	6,406	8,926	39%
Cost of sales	(3,901)	(5,430)	39%
Gross profit	2,506	3,496	40%
Interest income	434	446	3%
Other income	200	608	204%
Administrative expenses	(775)	(1,066)	38%
Other operating expenses, net	(188)	(11)	-94%
Operating profit	2,178	3,473	59%
Finance costs	(788)	(1,084)	38%
Share of results of associates and JCE	108	278	159%
Profit before tax	1,497	2,667	78%
Tax	(352)	(594)	69%
Profit for the year	1,145	2,073	81%
Minority interests	(61)	(279)	356%
Profit attributable to shareholders	1,084	1,794	65%
EPS (HK cents)	13.98	20.76	48%
DPS (HK cents)	5.2	7.8	50%
Dividend payout	37%	38%	0.4 ppts
Margin analysis			
Gross margin	39%	39%	0.1 ppts
Operating margin	34%	39%	4.9 ppts
Net margin	17%	20%	3.2 ppts
Cost analysis			
Admin cost (% of rev)	12.1%	11.9%	-0.1 ppts
Finance cost	5.1%	5.3%	0.2 ppts
Effective tax rate	23.5%	22.3%	-1.2 ppts

Source: Company reports and J.P. Morgan estimates.

Table 2: BEW balance sheet

HK\$MM

BEW's balance sheet	2013	2014	yoy
Non-current assets			
Property, plant and equipment	379	1,243	228%
Goodwill	2,513	2,525	0%
Operating concessions	2,523	2,286	-9%
Other intangible assets	26	28	10%
Interest in an associate/JCE	3,025	3,109	3%
Available-for-sale investments	3	126	4058%
Amounts due from contract customers	5,361	6,817	27%
Service concession receivables	11,779	15,640	33%
Trade receivables	53	799	1405%
Prepayments, deposits and other receivables	3,173	3,855	21%
Deferred tax assets	88	79	-10%
Others	52	56	7%
	28,974	36,563	26%
Current assets	,,	,	
Land held-for-sale	1,091	80	-93%
Inventories	55	58	4%
Amounts due from customers for contract work	27	40	49%
Trade receivables	3,145	4,196	33%
Deposits & prepayments	5,324	4,310	-19%
Restricted bank balances	57	304	433%
Cash and cash equivalents	5,513	6,091	10%
Cash and Cash equivalents	15,212	15,078	-1%
	10,212	10,070	-170
Current liabilities			
Trade payables	(2,755)	(3,564)	29%
Other payables and accruals	(4,566)	(3,471)	-24%
Taxes payable	(342)	(440)	29%
Bank and other borrowings	(2,148)	(3,945)	84%
Corporate bonds	(1,833)	-	NA
Finance lease payable	(7)	-	NA
, ,	(11,651)	(11,419)	-2%
Non-current liabilities	, ,	(	
Other payables and accruals	(476)	(340)	-28%
Bank and other borrowings	(8,294)	(12,530)	51%
Bonds	(4,486)	(4,492)	0%
Note payable	(2,523)	(2,524)	0%
Financial lease payable	(6)	(=,== ·) -	NA
Provision for major overhauls	(198)	(247)	25%
Deferred income	(67)	(70)	6%
Deferred tax liabilities	(562)	(930)	65%
Deletted tax habilities	(16,611)	(21,133)	27%
Equity	(, ,	(=·,·-*)	21 70
Share capital	844	871	3%
Reserves	12,454	14,914	20%
Minority interests	2,627	3,304	26%
willong illiorosis	15,924	19,089	20%
	13,324	19,009	20 /0

Source: Company reports and J.P. Morgan estimates.

Table 3: Segmental breakdown

HK\$MM

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Revenue breakdown by segment	2013	2014	yoy
BOT construction	882	2,458	179%
Sewage operation	2,141	3,250	52%
Technical and consultancy services	118	281	139%
Tap water	384	813	112%
Build-transfer/ EPC projects	2,882	2,125	-26%
Total	6,406	8,926	39%
Net profit breakdown by segment	2013	2014	уоу
BOT construction	68	486	615%
Sewage operation	992	1,412	42%
Technical and consultancy services	79	114	45%
Tap water	232	372	60%
Build-transfer, EPC projects	677	583	-14%
Construction income	499	425	-15%
Imputed interest income	178	158	-11%
Others	(964)	(1,172)	22%
Total	1,084	1,794	65%
Gross margins	2013	2014	уоу
BOT construction	11%	24%	13 ppts
Sewage operation			
China	70%	64%	-6 ppts
Overseas	16%	13%	-3 ppts
Technical and consultancy services	85%	70%	-15 ppts
Tap water			
China	66%	59%	-7 ppts
Overseas	26%	26%	0 ppts
Build-transfer/ EPC projects	23%	16%	-7 ppts
Net margins	2013	2014	yoy
BOT construction	8%	20%	12.1 ppts
Sewage operation	46%	43%	-2.9 ppts
Technical and consultancy services	67%	41%	-26.4 ppts
Tap water	61%	46%	-14.8 ppts
Build-transfer/EPC projects	23%	27%	3.9 ppts

Source: Company reports and J.P. Morgan.



### Management call summary

BEW management held a conference call with analysts and investors. Below are our key takeaways.

#### New projects outlook

In 2014, about 70% of new projects obtained were BOT projects. This will be the same for 2015. Management is targeting capacity growth of 3MM tons in 2015.

#### 2015 revenue and profit guidance

- Total revenue to grow by 40-45% yoy
- Net profit to grow by 30-35% yoy
- Build-transfer water renovation revenue estimated at >HK\$3.5B, ~60% increase yoy
- Sewage operation revenue to grow by ~50% yoy
- Tap water operation revenue to grow by 30-40% yoy

#### Interest cost to remain at 4.6%

Finance cost averaged at 4.6% in 2014, compared with 4.9% in 1H14. The decline was due to refinancing of high-cost debt from acquired assets. Compared to 2013's finance cost of 4.08%, the finance cost is higher in 2014 because of rising interest rates in HK and overseas, even though mainland rates have been declining. Overall, management expects effective interest rate to stay at 4.6% in 2015.

#### No timetable on upgrades

About 54% of BEW's sewage projects is under the Standard 1A category and 45% under the Standard 1B category. In 2014, upgrades were completed for four water plants, with total treatment capacity of 280k tons. So far in 2015, it's been confirmed five projects will be upgraded. However, there is no timetable on when the rest of BEW's Standard 1B projects would be upgraded.

#### Tariff hikes for 12 projects

BEW's 12 water plants received tariff increases in 2014. BEW's average treatment tariff was HK\$1.27 in 2014, up 4% yoy.

#### Net gearing manageable

Net gearing on total equity was 91% as of end-2014. This is an acceptable level, according to management. Given BEW's cash of HK\$6B, management said it had enough room to fund growth in 2015 without issuing equity.

#### Good privatization opportunities

Currently, 55% of sewage assets and 70% of tap water assets are government owned. Therefore, management sees good opportunity for privatization of these assets as the central government is promoting PPP.



### Investment Thesis, Valuation and Risks

#### Beijing Enterprises Water (Overweight; Price Target: HK\$6.60)

#### **Investment Thesis**

Beijing Enterprises Water (BEW) is the water subsidiary of Beijing Enterprises Holdings, which owns 49% of BEW. It is predominantly involved in constructing and operating wastewater treatment plants in China. As of the end of 2013, the company had 16M tons of wastewater treatment capacity in its portfolio.

#### Valuation

Our Jun-15 PT is determined based on a sum-of-the-parts valuation, using a P/E multiple of 9.5x (construction contractors' average) to derive the valuation of the build-transfer segment and a DCF with a WACC of 8.2% and a terminal growth rate of 2% to value the remaining water segment. Our PT implies a FY15E P/E of 24x.

		Discount			NAV per	
	Valuation	rate/	Terminal growth rate/	Valuation	share	% of
	method	multiple	exit multiple	(HK\$ M)	(HK\$)	total
BT segment	P/E multiple	9.5x	NA	2,822	0.32	4.9%
Water segment	DCF	8.2%	2.3%	54,697	6.28	95.1%
Total				57,519	6.61	100.0%

Source: J.P. Morgan estimates.

#### **Risks to Rating and Price Target**

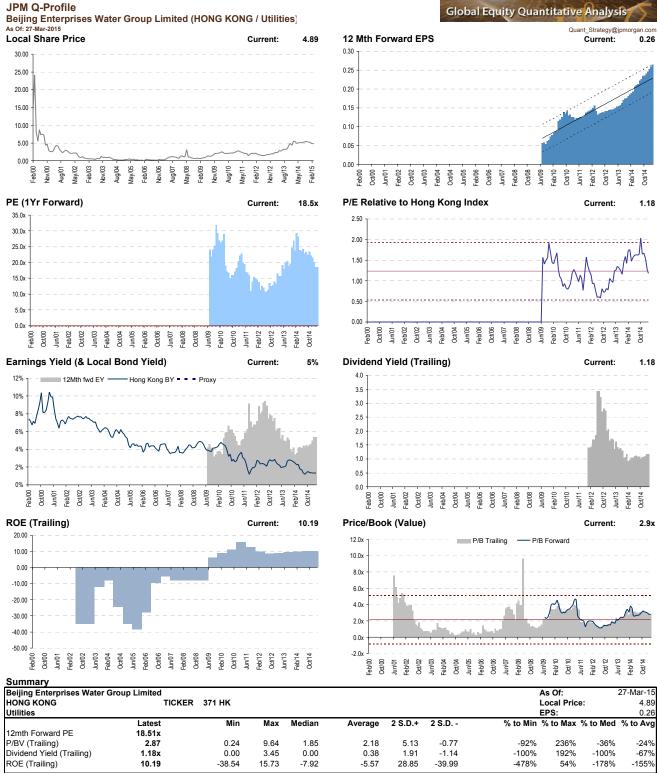
Downside risks include: Potential equity placement, which may dilute EPS; higher interest rates, which could lower earnings; low utilization rates of projects, which could lower operation revenue; delays in payments from customers, which could result in higher accounts receivable and working capital issues; less supportive government policies for the water sector, which could result in fewer investment opportunities for the company.

### **Beijing Enterprises Water: Summary of Financials**

Income Statement					Cash flow statement					
HK\$ in millions, year end Dec	FY12	FY13	FY14E	FY15E	FY16E HK\$ in millions, year end Dec	FY12	FY13	FY14E	FY15E	FY16E
Revenues	3,727	6,406	8,642	11,214	13,542 Pre-tax profit	1,092	1,497	2,363	3,301	4,085
% change Y/Y	40.4%	71.9%	34.9%	29.8%	20.8% Depr. & amortization	70	122	256	239	225
EBITDA	1,601	2,300	3,551	4,460	5,386 Change in working capital	(1,887)	(7,484)	(4,771)	(5,199)	(5,313)
% change Y/Y	33.4%	43.6%	54.4%	25.6%	20.8% Taxes	(71)	(317)	(500)	(698)	(864)
EBIT	1,531	2,178	3,295	4,221	5,162 Others	294	450	701	780	958
% change Y/Y	32.8%	42.2%	51.3%	28.1%	22.3% Cash flow from operations	(773)	(5,827)	(2,103)	(1,789)	(1,172)
EBIT Margin	41.1%	34.0%	38.1%	37.6%	38.1%					
Net Interest	(459)	(788)	(952)	(1,053)	(1,199) Capex	(109)	(109)	(78)	(88)	(100)
Associates	55	108	118	154	162 Disposal/(purchase)	-	-	-	-	-
Other Income	(35)	0	(99)	(21)	(39) Free cash flow	(882)	(5,936)	(2,182)	(1,877)	(1,272)
Earnings before tax	1,092	1,497	2,363	3,301	4,085 Other	(451)	438	502	506	543
% change Y/Y	26.8%	37.1%	57.8%	39.7%	23.8% Cash flow from investing	(560)	330	424	418	443
Tax	(225)	(352)	(555)	(776)	(960)					
as % of EBT	20.6%	23.5%	23.5%	23.5%	23.5% Equity raised/(repaid)	0	2,304	0	0	0
Exceptional items	-			<del>.</del>	- Debt raised/(repaid)	2,619	2,084	281	4,392	5,929
Net income (reported)	750	1,084	1,711	2,391	2,959 Other	351	2,758	(2,281)	(1,074)	(4,494)
% change Y/Y	24.9%	44.5%	57.8%	39.7%	23.8% Dividends paid	(2)	(426)	(672)	(939)	(1,162)
Shares outstanding	6,909	8,436	8,705	8,705	8,705 Cash flow from financing	2,969	6,720	(2,672)	2,379	273
EPS (reported)	0.11	0.14	0.20	0.27	0.34					
% change Y/Y	21.5%	28.7%	42.8%	37.6%	23.8% Beginning cash	1,948	4,291	5,513	1,162	2,170
					Ending cash	4,291	5,513	1,162	2,170	1,714
					DPS	0.04	0.05	0.08	0.11	0.13
Balance sheet					Ratio Analysis					
HK\$ in millions, year end Dec	FY12		FY14E	FY15E	FY16E HK\$ in millions, year end Dec	FY12	FY13	FY14E	FY15E	FY16E
Cash and cash equivalents	4,291	5,513	1,162	2,170	1,714 EBITDA margin	43.0%	35.9%	41.1%	39.8%	39.8%
Accounts receivable	2,768	3,145	2,443	3,022	3,671 Net profit margin	20.1%	16.9%	19.8%	21.3%	21.8%
Inventories	30	55	78	106	134					
Others	6,590	6,499	6,025	5,570	5,152	00.00/	50.40/	00.40/	07.00/	00.00/
Current assets	13,679	15,212	9,708	10,867	10,671 Sales per share growth	36.6%	53.1%	22.1%	27.8%	20.8%
				00.044	Sales growth	40.4%	71.9%	34.9%	29.8%	20.8%
LT investments	11,754	,	25,037	28,811	32,711 Net profit growth	24.9%	44.5%	57.8%	39.7%	23.8%
Net fixed assets	528	379	428	485	548 EPS growth	21.5%	28.7%	42.8%	37.6%	23.8%
Others	5,329	8,375	9,255	10,322	11,287 Interest coverage (x)	3.5	2.9	3.7	4.2	4.5
Total Assets	31,290	44,187	44,429	50,486	· ·	400 40/	00.00/	407.00/	440.00/	404.00/
Liabilities	0.040	0.440	0.005	0.400	Net debt to equity	106.1%	89.8%	107.0%	118.6%	124.3%
Short-term loans	2,810	2,148	2,205	3,109	4,328 Sales/assets	0.1	0.2	0.2	0.2	0.3
Payables	1,919	2,755	2,755	2,755	2,755 Assets/equity	3.4	3.5	3.2	3.2	3.2
Others	4,529	6,748	6,803	6,881	6,977 ROE	9.1%	10.0%	12.4%	15.9%	17.7%
Total current liabilities	9,258	11,651	11,764	12,745	14,061 ROCE	6.3%	6.3%	8.2%	9.6%	10.1%
Long-term debt	10,465	15,303	14,297	17,785	19,239 ROA	2.7%	2.9%	3.9%	5.0%	5.6%
Other liabilities	836	1,308	1,308	1,308	1,308					
Total Liabilities	20,558	28,262	27,369	31,839	34,607					
Shareholder's equity	8,467	13,298	14,337	15,788	17,585					
BVPS	1.23	1.71	1.67	1.81	2.02					

Source: Company reports and J.P. Morgan estimates.





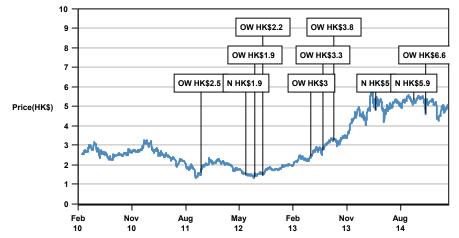


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Beijing Enterprises Water (0371.HK, 371 HK) Price Chart



Date	Rating	Share Price (HK\$)	Price Target (HK\$)
21-Oct-11	OW	1.63	2.50
05-Jun-12	N	1.54	1.90
19-Jul-12	OW	1.36	1.90
30-Aug-12	OW	1.49	2.20
02-May-13	OW	2.47	3.00
02-Jul-13	OW	2.78	3.30
30-Aug-13	OW	3.30	3.80
28-Mar-14	N	4.82	5.00
09-Oct-14	N	5.39	5.90
10-Dec-14	OW	4.69	6.60

Source: Bloomberg and J.P. Morgan; price data adjusted for stock splits and dividends Initiated coverage Oct 21, 2011.

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IB clients*	56%	49%	33%
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IB clients*	75%	67%	52%

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