## Motilal Oswal

## India Strategy



Results Preview

Quarter ended March 2008

# Only a matter of time 

Contents


# India Strategy 



Sensex has corrected 23\% in 4QFY08: The Sensex corrected by $23 \%$ in 4QFY08 to close at 15,644 , reducing the total returns in FY 08 to $19.7 \%$. While this is the fifth consecutive year of positive returns for the markets, the sharp correction in the last couple of months has resulted in FY08 returns being much lower than what was anticipated till mid-January. The sharp correction came on the back of global woes - expectation of a slowdown in the US. This was further aggravated, with concerns of a possible slowdown in the domestic economy emerging and hopes of an interest rate cut fading, as inflation inched up.

Rising inflation - a big worry: Since July 2006, inflation has moved up from $4.7 \%$ to $\sim 6.7 \%$ last week, well above the RBI' s target range of 5-5.5\%. Inflation remains a big worry for the Indian government. An analysis of the constituents of the wholesale price index (WPI) - primary articles, fuel, and manufacturing products - indicates that the upward price movement in all the three items has led to a significant jump in inflation, despite higher base effect. In fact, for the first time in the last seven years, all the three constituents have crossed $6 \%$. W ith no base impact to help, we believe inflation is likely to remain high and taming it will require multiple measures from the government.

Earnings estimates downgraded after eight quarters: Over the last eight quarters, we have witnessed consistent upgrades to our earnings estimates. Our Sensex EPS estimate for FY08 was upgraded from Rs 810 in December 2006 to Rs 846 in June 2007 to Rs 883 in December 2007. Similarly, our Sensex EPS estimate for FY09 was revised from Rs 891 in December 2006 to Rs 955 in June 2007 to Rs 1,064 in December 2007. After a series of upgrades, we have now downgraded our Sensex EPS estimates by 5.5\% to Rs 834 for FY08 and by $5.8 \%$ to Rs 1,002 for FY09. However, the Sensex earnings growth remains healthy - our FY09 EPS estimate is $20.1 \%$ higher than our FY08 Sensex EPS estimate.

Valuations are now reasonable; time to start investing: The broader indices have come off the high of 21x one-year forward earnings in the peak of December 2007. The BSE Sensex now trades at 15.6x FY09E earnings v/s the 15 -year average of $17.5 x$. Over the last three years, the BSE Sensex has traded at a forward P/E of 15.7 x at the end of March. In the near term, the headwinds (inflation, interest rate, oil prices, etc) may become stronger, but we see limited downside from current levels. The risk-reward equation has turned favorable; we recommend investing now.

Sensex target of $\mathbf{1 9 , 0 0 0 - 2 1 , 0 0 0}$ : Given the increased risks on earnings and other macro indicators, we are reducing our target Sensex P/E range to $16-18 x$ FY09E EPS and add the embedded value of 2,800 . Our 12-month target range for the BSE Sensex is $19,000-$ 21,000. Our top large-cap bets are Reliance Industries, Bharti Airtel, Tata Steel, A xis Bank, Hero Honda, ITC, Gail, Ranbaxy, and TCS. Amongst the mid-caps, we like LIC Housing, IVRCL, Sintex, Blue Star, and Amtek Auto.

## Risk-reward equation has turned favorable

The BSE Sensex corrected by $23 \%$ in 4QFY08 to close at 15,644 , reducing the total returns in FY08 to $19.7 \%$. While this is the fifth consecutive year of positive returns for the markets, the sharp correction in the last couple of months has resulted in FY08 returns being much lower than what was anticipated till mid-January. The sharp correction came on the back of global woes - expectation of a slowdown in the US. This was further aggravated, with concerns of a possible slowdown in the domestic economy emerging and hopes of an interest rate cut fading, as inflation inched up.


Source: Motilal Oswal Securities

In our opinion, market valuations have become reasonable post the recent correction and the risk-reward equation has turned favorable. In the near term, the headwinds (inflation, interest rate, oil prices, etc) may become stronger, but we see limited downside to markets from current levels. We believe that the recent market correction has reduced several excesses relating to valuations, earnings optimism, primary market offerings and record subscription, leveraging, etc. Given our belief that the downside from current levels is limited, we strongly recommend investing now.

We expect Sensex EPS to grow 16\% in FY08 to Rs 834, 20.1\% in FY09 to Rs 1,002, and $29.6 \%$ in FY10 to Rs 1,299 (over half of the growth contributed by Reliance Industries). Given the increasing risks on earnings and other macro headwinds, we are reducing our target Sensex P/E range to $16-18 x$ FY09E EPS and add the embedded value of 2,800 . Our 12-month target range for the BSE Sensex is $19,000-21,000$. Our top large-cap bets are Reliance Industries, Bharti Airtel, Tata Steel, A xis Bank, Hero Honda, ITC, Gail, Ranbaxy, and TCS. Amongst the mid-caps, we like LIC Housing, IVRCL, Sintex, Blue Star, and Amtek Auto.

## Sensex has corrected 23\% in 4QFY08

The Indian markets witnessed a severe correction in 4QFY08, with the BSE Sensex declining by $23 \%$ to close at 15,644 . This sharp decline lowered the FY08 Sensex returns to $19.7 \%$ (9MFY08 returns were $55.2 \%$ ). During the quarter, the Indian markets underperformed most global markets by a significant margin. Following this underperformance, the valuation gap vis-à-vis other global markets has narrowed.


Source : Bloomberg /Motilal Oswal Securities

COMPARISON OF INDIAN MARKETS WITH GLOBAL MARKETS

| INDEX | INDEX | EPS (RS) |  | P/E (X) |  | P/BV (X) |  | ROE (\%) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | VALUE | CY07/FY08 | CY08/FY 09 | CY07/FY 08 | CY08/FY09 | CY07/FY 08 | CY08/FY 09 | CY07/FY 08 | CY08/FY 09 |
| Brazil | 60,968 | 4,325 | 5,177 | 14.1 | 11.8 | 2.1 | 2.1 | 15.2 | 17.7 |
| Russia | 2,054 | 246 | 234 | 8.3 | 8.8 | 1.9 | 1.7 | 22.2 | 19.7 |
| China | 3,473 | 124 | 166 | 28.1 | 21.0 | 2.2 | 4.4 | 8.0 | 21.1 |
| Korea | 1,704 | 120 | 143 | 14.2 | 12.0 | 1.5 | 1.7 | 10.3 | 14.2 |
| Taiwan | 8,573 | 467 | 665 | 18.4 | 12.9 | 2.3 | 2.1 | 12.4 | 16.2 |
| Thailand | 817 | 49 | 72 | 16.6 | 11.3 | 1.9 | 1.9 | 11.2 | 16.9 |
| US - S\&P 500 | 1,323 | 66 | 96 | 20.0 | 13.8 | 2.5 | 2.3 | 12.5 | 16.8 |
| UK - FTSE | 5,702 | 496 | 524 | 11.5 | 10.9 | 2.1 | 2.0 | 18.0 | 18.2 |
| Nikkei | 12,526 | 880 | 854 | 14.2 | 14.7 | NA | NA | 10.1 | NA |
| Malyasia | 1,248 | 91 | 98 | 13.6 | 12.7 | 2.0 | 2.0 | 14.3 | 15.5 |
| Singapore | 3,007 | 279 | 214 | 10.8 | 14.0 | 1.9 | 1.8 | 17.5 | 13.0 |
| Hong Kong | 22,849 | 1,715 | 1,550 | 13.3 | 14.7 | 2.3 | 2.1 | 17.2 | 14.2 |
| Indonesia | 2,447 | 145 | 168 | 16.9 | 14.6 | 2.1 | 3.3 | 12.5 | 22.7 |
| Philippines | 2,985 | 247 | 222 | 12.1 | 13.5 | 2.2 | 2.0 | 18.1 | 15.2 |
| India-Sensex | 15,644 | 834 | 1,002 | 18.8 | 15.6 | 3.9 | 3.1 | 21.0 | 19.5 |

FY08 was the fifth consecutive year of positive returns for Indian equities. While the BSE Sensex delivered returns of $19.7 \%$, 8 of the 30 Sensex stocks delivered negative returns. The stocks that outperformed the Sensex by a significant margin were Reliance Energy, Jaiprakash Associates, L\&T, and BHEL.


Source: Motilal Oswal Securities

PERFORMANCE OF INDIVIDUAL SENSEX STOCKS

| COMPANY NAME | PRICE 31 MAR 08 (RS) | RETURN FY08 (\%) | RETURN FY07 (\%) |
| :---: | :---: | :---: | :---: |
| Reliance Energy | 1,251 | 152.7 | -19.1 |
| Jaiprakash Assoc | 227 | 110.3 | 14.5 |
| Larsen \& Toubro | 3,025 | 86.8 | 33.1 |
| B HEL | 2,057 | 81.9 | 0.6 |
| Tata Steel | 693 | 74.4 | -16.2 |
| St Bk of India | 1,599 | 70.7 | 2.6 |
| Reliance Inds. | 2,265 | 65.5 | 71.8 |
| HDFC | 2,384 | 56.8 | 13.8 |
| HDFC Bank | 1,320 | 39.0 | 22.7 |
| TC | 206 | 37.2 | -22.9 |
| NTPC | 197 | 31.6 | 11.8 |
| Hindalco Inds. | 165 | 26.4 | -28.6 |
| Ranbaxy Labs. | 439 | 24.4 | -18.3 |
| Grasim Inds. | 2,575 | 23.1 | 1.6 |
| Reliance Communication | 508 | 21.0 | 36.0 |
| BSE Sensex | 15,644 | 19.7 | 15.9 |
| Ambuja Cement | 121 | 13.4 | 3.3 |
| DLF | 647 | 13.4 | - |
| ACC | 826 | 12.4 | -6.1 |
| O N G C | 981 | 11.8 | 0.6 |
| Hind. Unilever | 229 | 11.4 | -24.6 |
| Bharti Airtel | 826 | 8.2 | 84.9 |
| Maruti Suzuki | 830 | 1.2 | -6.3 |
| Cipla | 220 | -6.8 | -11.0 |
| ICICI Bank | 770 | -9.7 | 44.8 |
| M \& M | 696 | -10.8 | 24.4 |
| Tata Motors | 623 | -14.3 | -22.0 |
| Satyam Computer | 395 | -16.1 | 10.7 |
| Wipro | 425 | -23.8 | 0.0 |
| Infosys Tech. | 1,430 | -28.9 | 35.0 |
| TCS | 811 | -34.1 | 28.6 |

## The sharp correction has reduced several excesses

A correction of over $20 \%$ in a matter of two months has reduced several excesses in the markets. We discuss some of these, below:

## 1) Valuations have corrected and are reasonable

The broader indices have come off the high of 21x one-year forward earnings at the peak in December 2007. The BSE Sensex now trades at $15.6 x$ FY09E earnings v/s the 15 -year average of 17.5 x . Over the last three years, the BSE Sensex has traded at a forward P/E of $15.7 x$ at the end of March. It is important to note here that the embedded value of the Sensex has increased considerably in the last three years, which is reflected in higher valuations compared to the pre-FY06 multiples.

| YEAR | FY02 | FY03 | FY04 | FY05 | FY06 | FY07 | FY08 | $15 \text { YEAR }$ <br> AVERAGE |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| Sensex | 3,469 | 3,049 | 5,591 | 6,493 | 11,280 | 13,072 | 15,644 | - |
| Sensex Return (\%) | -3.7 | -12.1 | 83.4 | 16.1 | 73.7 | 15.9 | 19.7 | 13.7 |
| EPS | 201 | 272 | 348 | 450 | 523 | 718 | 834 | - |
| EPS Growth (\%) | 16.3 | 35.8 | 28.0 | 29.1 | 16.4 | 37.3 | 16.0 | 20.3 |
| Sensex P/E (x) Trailing) * | 17.3 | 11.2 | 16.0 | 14.4 | 21.6 | 18.2 | 18.8 | 23.2 |
| Sensex P/E (x) Forward) * | 12.7 | 8.8 | 12.4 | 12.4 | 15.7 | 15.7 | 15.6 | 17.5 |

## 2) Earnings estimates have seen downgrades

Over the last several quarters, we have witnessed consistent upgrades to our earnings estimates. Our Sensex EPS estimate for FY08 was upgraded 7\% in December 2007 to Rs 883 from Rs 846 in June 2007. Similarly, our Sensex EPS estimate for FY09 was revised up $11 \%$ from Rs 955 in June 2007 to Rs 1,064 in December 2007. However, in 4QFY08, we have seen significant downgrades in our earnings estimates.

We have downgraded our EPS estimate for FY08 by over 5.5\%, and FY09 by 5.9\%. While the Sensex EPS got lowered by $2.4 \%$ due to change in index constituents and SBI rights issue, it was impacted by another $3.1 \%$ by earnings downgrades. Earnings optimism was the key factor contributing to the positive sentiment in the market. However, recent developments such as increase in commodity prices and adverse impact of currency fluctuations are amongst the few reasons leading to downgrade in earnings. Sector-specific indicators like order inflows (capital goods, infrastructure, etc), monthly volumes (autos, etc), and credit growth (banks) also showed a moderating trend since December 2007, driving earnings downgrades.

TRENDIN SENSEX EPS REVISION

|  | FY 08 | FY09 |
| :--- | ---: | ---: |
| Preview December 2007 | 883 | 1,064 |
| Review January 2008 | 873 | 1,056 |
| SBI Rights Issue | 862 | 1,045 |
| Change in Sensex (Inclusion of Jaiprakash Associates) | 852 | 1,034 |
| Preview March 2008 | 834 | 1,002 |
|  |  | Source: Motilal Oswal Securities |



## 3) Primary market has almost dried up

The Indian capital market witnessed its largest primary market offerings in FY08 - Rs535b $\mathrm{v} / \mathrm{s}$ the previous highest of Rs 292 b in FY07. Of the Rs 535 b , IPOs completed before January 2008 constituted Rs 494b; IPOs worth just Rs 23.5 b were concluded after January 2008. Some of the large equity issues like Reliance Power (Rs 117b), ICICI Bank (Rs 100b), DLF (Rs92b), Power Grid (Rs29.8b), Idea Cellular (Rs21.2b), Rural Electrification (Rs 16.4b), etc witnessed significant over subscription.


As against the total equity offering of Rs535b, the total demand (based on subscriptions) stood at Rs 18.4 t , an average subscription of 34.3 x . The Reliance Power issue was subscribed 61 x - a total demand of Rs $7.2 \mathrm{t} \mathrm{v} / \mathrm{s}$ the IPO size of Rs 117 b . The primary market euphoria ended in January 2008, post which subscriptions to IPOs declined significantly. Companies like Emmar MGF (proposed equity offering of Rs65b) and W ockhardt Hospitals (proposed equity offering of Rs 7.8 b ) had to call off their IPOs even after downward revision of the price bands. Even the rights issue of SBI just managed to scrape through. The total money raised through IPOs and QIPs post-January 2008 is Rs43b v/s Rs 732b during the period April 2007 - January 2008.

| COMPANY NAME | ISSUE | SUBSCRIPTION | NO. OF TIMES |
| :---: | :---: | :---: | :---: |
|  | SIZE | AMOUNT | OVERSUBSCRIBED |
| Pre 18th January 2008 |  |  |  |
| Reliance Power | 117 | 7,198 | 61.5 |
| ICICI Bank | 101 | 976 | 9.7 |
| DLF | 92 | 303 | 3.3 |
| Power Grid Corporation of India | 30 | 1,925 | 64.5 |
| Mundra Port \& Special Economic Zone | 18 | 2,042 | 115.3 |
| Housing Development \& Infrastructure | 15 | 83 | 5.6 |
| Puravankara Projects | 9 | 16 | 1.9 |
| Central Bank of India | 8 | 502 | 61.5 |
| IVR-Prime Urban Developers | 8 | 43 | 5.5 |
| Edelweiss Capital | 7 | 763 | 110.3 |
| Brigade Enterprises | 6 | 70 | 10.8 |
| Omaxe | 6 | 376 | 68.1 |
| BEML | 5 | 159 | 30.2 |
| Spice Communications | 5 | 195 | 37.6 |
| Fortis Healthcare | 5 | 14 | 2.8 |
| Future Capital Holdings | 5 | 648 | 131.8 |
| BGR Energy Systems | 4 | 505 | 115.1 |
| Total of above | 440 | 15818 | 35.9 |
| Since 18th January 2008 |  |  |  |
| Emaar MGF | 65.0 | - | Withdrawn |
| Rural Electrification | 16.4 | 448 | 27.4 |
| IRB Infrastructure | 9.4 | 40 | 4.2 |
| Wockhardt Hospitals | 7.8 | - | Withdrawn |
| OnMobile Global | 4.8 | 52 | 10.9 |
| Gammon Infrastructure | 2.8 | 10 | 3.5 |
| Shriram EPC | 1.5 | 6 | 3.9 |
| Titagarh Wagons | 1.5 | 10 | 6.8 |
| GSS America Infotech | 1.4 | 1 | 1.1 |
| KNR Constructions | 1.3 | 2 | 1.2 |
| Bang Overseas | 0.7 | 1 | 1.1 |
| J Kumar Infraprojects | 0.7 | 1 | 2.0 |
| V-Guard Industries | 0.7 | 2 | 2.5 |
| Tulsi Extrusions | 0.5 | 1 | 1.8 |
| Cords Cable Industries | 0.4 | 2 | 4.6 |
| Sita Shree Food Products | 0.3 | 1 | 2.4 |
| Manjushree Extrusions | 0.2 | 0 | 1.2 |
| Total of above | 43 | 576 | 13.5 |

## 4) Fund flows have been strained

There was a significant decline in total investments from FIIs in the period December 2007 - March 2008, though domestic mutual funds remained net buyers. FIIs recorded a net sale of US\$3b in 4QFY08, the highest ever since they began investing in India. The heavy selling came on the back of net buying of US\$4.3b in 3QFY08 and US $\$ 7.3 \mathrm{~b}$ in 2QFY08. Domestic mutual funds remained net buyers for Indian equities to the tune of US $\$ 1.5$ b, indicating no severe redemption pressure despite the sharp market correction.



Source: Motilal Oswal Securities

## 5) Open interest in futures market has declined

The leveraged positions in the market have been a key source of excessive exposure. Following the sharp market correction and retail investors being unable to carry the trade due to losses and margin issues, the outstanding open interest in the futures market has declined significantly. The open interest in March 2008 was 0.4 x of the peak open interest position of Rs $1,083 \mathrm{~b}$ in January 2008. Even in terms of number of shares, the outstanding interest is just 0.9 b shares v/s 2.4 b shares in January 2008.


Source: Motilal Oswal Securities

## Few headwinds have become stronger

## Rising inflation - a big worry

Since July 2006, inflation has moved up from $4.7 \%$ to $\sim 6.7 \%$ last week, well above the RBI's target range of $5-5.5 \%$. Inflation remains a big worry for the Indian government. An analysis of the constituents of the wholesale price index (WPI) - primary articles, fuel, and manufacturing products - indicates that the upward price movement in all the three items has led to a significant jump in inflation, despite higher base effect. In fact, for the first time in the last seven years, all the three constituents have crossed $6 \%$. With no base impact to help, we believe inflation is likely to remain high and taming it will require multiple measures from the government.


Source: Bloomberg/Motilal Oswal Securities

The government has got into action by announcing a few measures on the fiscal front. With inflation expected to remain high, it can resort to more aggressive duty cuts on certain commodities. However, the challenge lies with the RBI to control inflation through monetary policy measures. The two measures which RBI used very aggressively in 2007 and which could be used again are CRR hikes and allow strong currency gains.

Impact of CRR hike: Since December 2006, the RBI has hiked CRR by 250 b p, with the last hike being in November 2007. As banks do not earn any interest on CRR, they have to hike lending rates to offset the impact. Besides leading to overall hardening of rates, this has also resulted in a squeeze on credit availability in a few sectors, which has impacted demand, significantly. If RBI were to resort to any further CRR hikes, we believe banks would be put in a tight spot - credit growth has already slowed down to $21 \%$ (from $28 \%$ a year back) and higher lending rates would result in further slowdown.


Source: RBI/Motilal Oswal Securities
Every 100bp hike in CRR increases bank lending rates by 14bp. With margins of banks already under pressure due to higher cost of funds, any CRR hike will result in banks tightening their lending rates. We also believe that banks will be unable to pass the entire impact, as credit growth is slowing down and banks would like to maintain an average growth of $20 \%$ in FY09.

IMPACT OF CRR HIKE ON RATES (RS B)

|  | MAR-08 |
| :--- | ---: |
| Deposits | 30,752 |
| Other Time Liabilities | 4,087 |
| Total NDTL | 34,839 |
| CRR Hike (\%) | 1 |
| Liquidity Outflow | 348 |
| Revenue Loss to Banks at 9\% Yield | 31 |
| Total Advances Book | 22,726 |
| Increase in Yields (bp) Necessary to Recoup Revenue Loss | 13.8 |

Source: Motilal Oswal Securities


[^0]Impact of currency gains: In 2007, the RBI allowed the Indian rupee to appreciate significantly to control inflation. In the first nine-months of 2007, the rupee appreciated $10 \%$ vis-à-vis the US dollar, which helped to lower inflation. As the differential between the benchmark rates of India widens with other global economies, higher capital flows in the system could also lead to rupee appreciation.


Source:Bloomberg/Motilal Oswal Securities

SPREAD BETWEEN 10-YEAR INDIAN AND US G-SEC YIELD IS RISING


While a strong rupee can have a positive impact on inflation in the near term, it has a negative impact on corporate profits. For the Sensex companies, almost $50 \%$ of profits get negatively impacted by rupee appreciation. This is more severe for the IT sector, which constitutes $11.2 \%$ of the Sensex profits.


Source: Motilal Oswal Securities

## Oil prices hitting all-time highs

In March 2008, crude prices hit an all-time high of US $\$ 110 / \mathrm{bbl}$. Domestic oil prices are shielded from global prices to a large extent, as the government has made very modest price hikes in the last couple of years. The impact of higher oil prices has been borne by ONGC and the government (via issue of oil bonds). The domestic environment will not allow the government to make any further price hikes in the system, which would result in significant sharing of losses by ONGC and very high growth in the oil bond is suance.


Source: Bloomberg/Motilal Oswal Securities

|  | FY08E |  | FY09 SCENARIOS |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Oil Price - Brent | US\$/bbl | 82 | 80 | 85 | 90 | 95 | 100 | 110 | 120 |
| Under recoveries | Rsb | 780 | 605 | 751 | 898 | 1,045 | 1,191 | 1,484 | 1,777 |


| DISCOUNTS TO OIL MARKETING COMPANIES BY ONGC (RSB) |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | :---: |
| UPSTREAM SHARING (\%) | OIL PRICE (US $\$ / B B L)-$ FYO9 |  |  |  |  |  |  |  |
|  | 80 | 85 | 90 | 95 | 100 | 110 | 120 |  |
|  | 172 | 215 | 258 | 301 | 344 | 429 | 515 |  |
| 40.0 | 206 | 258 | 309 | 361 | 412 | 515 | 618 |  |
| 45.0 | 232 | 290 | 348 | 406 | 464 | 580 | 696 |  |
| 50.0 | 257 | 322 | 386 | 451 | 515 | 644 | 773 |  |


| OIL BONDS V/S FISCAL DEFICIT |  |  |  |
| :--- | :---: | :---: | :---: |
| YEAR | OIL BONDS (RS B) | FISCAL DEFICIT (RS B) | OIL BONDS AS A \% TO FISCAL DEFICIT |
| FY06 | 115 | 1,464 | 7.9 |
| FY07 | 241 | 1,426 | 16.9 |
| FY08E | 377 | 1,437 | 26.2 |
| FY09E (US\$80/bbI) | 321 | 1,333 | 24.1 |
| FY09E (US\$100/bbl) | 679 | 1,333 | 50.9 |
| Base Case |  |  | Source: Motilal Oswal Securities |

## Metal prices headed up

Metal prices are at all-time highs, globally owing to: (1) strong demand-supply mismatch, and (2) supply constrained by lower availability of minerals (like coking coal, iron ore, etc). This has led to a sudden and sharp rise in metals prices, which is likely to impact the margins of user industries like infrastructure, capital goods, etc. We believe this could also lead to a valuation distortion in the overall market capitalization, as global cyclicals command lower multiples on their earnings as compared to user industries.


Since the beginning of January 2008, major metal prices have increased sharply - steel prices are up $28 \%$ for flat products and $42 \%$ for long products, aluminum prices are up 15$18 \%$, and copper prices are up $20 \%$, while zinc prices have remained flat. Aluminum prices are driven by rising energy costs and production disruption in China and South Africa due to power shortage. News flow of supply disruption has attracted the attention of funds, magnifying the impact on base metal prices.

Steel prices are driven by demand-supply mismatch, as production growth was restricted due to shortage of coking coal in January - February 2008, (2) $65-71 \%$ increase in iron ore prices and $140 \%$ increase in coking coal prices (consensus estimates, annual contracts are yet to be settled). Iron ore prices have moved up sharply due to strong demand from China, shipping bottlenecks, and supply shortage due to high level of consolidation among miners.

Coking coal prices moved up sharply, as the demand-supply equation has turned from tightly balanced to deficit. This is due to repeated flooding of Australian mines, which contribute $62 \%$ to seaborne global trade, in January and February 2008. Also, China simultaneously imposed a temporary ban on coal export after its mines were closed due to unprecedented snowfall.

## India - the next trillion dollar opportunity

Despite some of the macro headwinds getting stronger, we believe that the overall macro story remains good and opportunities for large investors are many. As India moves along on the journey to create another trillion dollars in GDP, it will create significant business and investment opportunities.

## India's first trillion dollars: 1977 to 2008

In FY08, India will achieve the landmark of US\$1 trillion GDP. The first 25 years of the journey saw India' s nominal GDP growing at $6.4 \%$ per annum to just under US $\$ 0.5$ trillion in 2002. In the last 6 years, India' s GDP more than doubled to US\$1 trillion at a CAGR of $15.9 \%$. Higher GDP growth rate combined with lower population growth rate has led to accelerated growth in per capita GDP.

The next trillion dollar (NTD) era: 2008 to 2013
In the next five years, we expect India's GDP at US\$2 trillion. The growth rate in the NTD era will be almost the same as that of the last 6 years. However, given the high base, the GDP added in the next 5 years will be more than what got added in the last 30 years, and twice that of the last 6 years.


Source: Motilal Oswal Securities


## Recent policy measures to boost consumerism

India is currently in the golden phase of its growth trajectory - average GDP growth in the last four years has been $8.8 \%$. High GDP growth has resulted in per capita GDP increasing from US $\$ 561$ to US $\$ 1,023$ in the last four years. We expect per capita GDP to increase to US $\$ 1,572$ in the next four years. We believe that US $\$ 1,000-1,200$ will act as an inflexion point, beyond which higher proportion of income would be allocated to discretionary spending. According to F\&R Research, the share of grocery in the consumer spending basket is currently $63 \%$; this share is expected to decline to $53 \%$ by 2015 . The government has taken a few initiatives in the recent past, which will further boost disposable income and result in higher allocation for consumer durables, housing, automobiles, telecom, education, entertainment, and healthcare.

## Change in tax slabs to increase post tax income

In light of robust direct tax collections, the Finance Minister has altered personal income tax slabs to benefit individual tax payers. The threshold of exemption has been increased from Rs 110,000 to Rs 150,000 , and the tax slabs have been raised (please see table below). We estimate that for taxable income level of Rs 300,000 the savings would be Rs 2,000 per month while for Rs 400,000 the savings would be about Rs 3,000 per month.

| CHANGE IN TAX SLAB | $\%$ | NEW SLABS | $\%$ |
| :--- | ---: | :--- | ---: |
| OLD SLABS | 0 | Upto Rs150,000 | 0 |
| Upto Rs110,000 | 10 | Rs150,000 to Rs300,000 | 10 |
| Rs110,000 to Rs150,000 | 20 | Rs300,000 to Rs500,000 | 20 |
| Rs 150,000 to Rs250,000 | 30 | Rs500,000 and above | 30 |
| Rs250,000 and above |  |  | Source: Budget 2008 |

## Sixth Pay Commission recommendations to increase salaries by 20-25\%

The central government has announced the implementation of the Sixth Pay Commission recommendations, which would result in a $20-25 \%$ increase in the salaries of nearly 5.5 m central government employees. In addition, more than 7 m state government employees, and central and state pensioners would also witness an increase in income. As the recommendations are to be implemented with effect from January 2006, employees will get arrears of more than two years. Increase in monthly take home salary and payment of one-time arrears bodes well for consumer demand. The Commission has also made recommendations of soft loans for two-wheelers (Rs60k), cars (Rs360k) and housing (Rs $1,500 \mathrm{k}$ ) at $2 \%$ interest rate subsidy from state-owned banks, which would boost demand for automobiles and real estate.

## Waiver of farm loans positive for rural demand

The government has provided for waiver of farm loans worth Rs 600 b . The waiver would be $100 \%$ for land holdings up to two hectares and $25 \%$ for others. The move would remove the burden of loan repayment for a large number of small and marginal farmers. It would also make them eligible for further loans from other banks. The resultant increase in credit flow to the rural economy would boost consumer demand.

## Sensex earnings still healthy; valuations comfortable

We have downgraded our Sensex earnings estimates for the first time in eight quarters. We now estimate Sensex EPS at Rs 834 for FY08 and at Rs 1,002 for FY09. At these levels, Sensex earnings remain healthy. Given the increased risks on earnings and other macro indicators, we are reducing our target Sensex P/E range to $16-18 x$ FY09E EPS and add the embedded value of 2,800 . Our 12-month target range for the BSE Sensex is 19,000-21,000.

## Earnings estimates - downgrades after eight quarters

Over the last eight quarters, we have witnessed consistent upgrades to our earnings estimates. Our Sensex EPS estimate for FY08 was upgraded from Rs 810 in December 2006 to Rs 846 in June 2007 to Rs 883 in December 2007. Similarly, our Sensex EPS estimate for FY09 was revised from Rs 891 in December 2006 to Rs 955 in June 2007 to Rs 1,064 in December 2007.


Source:Motilal Oswal Securities

After a series of upgrades, we have now downgraded our Sensex EPS estimates by $5.5 \%$ to Rs 834 for FY 08 and by $5.8 \%$ to Rs 1,002 for FY09. W hile the Sensex EPS got lowered by $2.4 \%$ due to change in index constituents and SBI rights issue, it was impacted by another $3.1 \%$ by earnings downgrades. The key contributors to downgrades in FY08 earnings are: Metals, Real Estate, Oil \& Gas, Cement, and Engineering; while sectors that have witnessed upgrades include Banking, Autos, Pharmaceuticals, and Telecom. The key contributors to downgrades in FY09 earnings are: Metals, IT, Telecom, Cement and Autos; while sectors that have witnessed upgrades include Banking, and Oil \& Gas.

|  | PREVIEW EPS |  | GRADE \% |  | PREVIEW EPS |  | DOWN GRADE \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MAR-08 | DEC-07 |  |  | MAR-08 | DEC-07 |  |
| Hindalco | 14.0 | 12.4 | 13.3 | Tata Steel | 82.8 | 114.7 | -27.7 |
| Tata Motors | 51.9 | 47.8 | 8.6 | Ambuja Cements | 7.1 | 9.6 | -26.1 |
| Cipla | 8.5 | 7.9 | 8.0 | Reliance Energy | 25.3 | 33.8 | -25.0 |
| HDFC | 87.2 | 84.5 | 3.3 | Larsen \& Toubro | 78.9 | 89.0 | -11.3 |
| HDFC Bank | 44.6 | 43.7 | 2.1 | ACC | 64.0 | 70.0 | -8.6 |
| Hind. Unilever | 8.1 | 8.0 | 2.0 | DLF | 44.1 | 47.0 | -6.0 |
| TCS | 52.0 | 51.2 | 1.5 | Wipro | 22.4 | 23.6 | -5.1 |
| TC | 8.3 | 8.2 | 1.4 | BHEL | 60.2 | 63.1 | -4.7 |
| Infosys | 82.7 | 81.6 | 1.3 | ICICI Bank | 35.5 | 36.5 | -2.8 |
| Mahindra \& Mahindra | 62.8 | 62.1 | 1.1 | Maruti Suzuki | 66.4 | 68.1 | -2.6 |

## Sensex earnings growth still at healthy levels

We estimate Sensex EPS at Rs 1,002 for FY09, 20.1\% higher than our FY08 Sensex EPS estimate of Rs 834 . A significant part of this growth would be contributed by Oil \& Gas, Banking, Telecom, IT, and Engineering. Company-wise, the largest contributors to the increase in Sensexearnings would be ONGC, Reliance Industries, SBI, Tata Steel, Bharti Airtel, Reliance Communication, NTPC, and DLF. The top-10 companies account for $70 \%$ of the total Sensex EPS for FY09 (v/s $61 \%$ in FY07).

## 'Low/Average P/E’ sectors to drive earnings growth in FY09

Sensex earnings growth in FY09 would largely be driven by 'low/average P/E' sectors like Oil \& Gas, Metals, IT, etc (contributing $52.1 \%$ of the growth). Even during FY10, we expect the share of ' lower average P/E' sectors at $62 \%$, which is high.

COMPOSITION OF SENSEX EARNINGS \& GROWTH (FY09)


## Composition of earnings moving in favor of leaders

Going forward, a large part of the contribution to incremental earnings will be by leaders like ONGC, Tata Steel, Reliance Industries, Bharti Airtel, SBI and ICICI Bank. In fact, nearly $52.4 \%$ of the incremental Sensexearnings in FY10 would be contributed by Reliance Industries, driven by monetization of gas and oil reserves, and commencement of production at Reliance Petroleum's greenfield refinery.

| TOP 5 ABSOLUTE CONTRIBUTORS TO SENSEX EPS VARIANCE IN FY09 |  |  |
| :--- | ---: | ---: |
| COMPANY | RS M | $\%$ |
| ONGC | 26,531 | 11.6 |
| Tata Steel | 25,889 | 11.3 |
| Reliance | 20,050 | 8.8 |
| Bharti | 18,654 | 8.2 |
| SBI | 16,966 | 7.4 |

Source: Motilal Oswal Securities

| TOP 5 ABSOLUTE CONTRIBUTORS TO SENSEX EPS VARIANCE IN FY 10 |  |  |
| :--- | ---: | ---: |
| COMPANY | RS M | $\%$ |
| Reliance | 205477 | 52.4 |
| SBI | 23035 | 5.9 |
| Bharti | 15281 | 3.9 |
| BHEL | 14616 | 3.7 |
| ICICI Bank | 13595 | 3.6 |
|  |  | Source: Motilal Oswal Securities |

## Sensitivity of earnings to key Sensex stocks

We present below the sensitivity of few of the Sensex stocks to our assumptions. We believe that some of these stocks may witness significant changes in estimates, as the underlying assumptions change over the next few quarters.

| UPSTREAM SHARING (\%) | OIL PRICE (US\$/BBL) - FY09 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 80 | 85 | 90 | 95 | 100 | 110 | 120 |
| 33.3 | 116 | 113 | 112 | 111 | 110 | 109 | 107 |
| 40.0 | 106 | 100 | 97 | 93 | 90 | 83 | 76 |
| 45.0 | 98 | 91 | 85 | 80 | 75 | 64 | 54 |
| 50.0 | 91 | 81 | 74 | 67 | 59 | 45 | 31 |


| TATA STEEL |  |
| :---: | :---: |
| INCREASE IN REALIZATION FROM FY08 PRICE (\$/T) | FY09 EPS |
| 50 | 86.1 |
|  | 90 |
| 100 | 121.4 |
|  | 150 |
| 156.7 |  |
| 200 | 192.1 |
|  | Source: Motilal Oswal Securities |


| SAIL |  |
| :---: | :---: |
| INCREASE IN REALIZATION FROM FY 08 (\$ $/$ T) | FY09 EPS |
| 50 | 18.3 |
| 100 | 23.2 |
| 150 | 27.3 |
| 200 | 31.4 |
|  | Source: Motilal Oswal Securities |

BHEL

|  | REVENUE GROWTH (\%) - FY09 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| EBITDA (\%) | 30.0 | 35.0 | 42.2 | 45.0 | 50.0 |
| 20.4 | 76.4 | 79.3 | 83.5 | 85.4 | 88.4 |
| 21.4 | 80.0 | 83.3 | 87.8 | 89.4 | 92.5 |
| 22.4 | 83.9 | 87.1 | 91.7 | 93.8 | 97.0 |
| Base Case | Source: Motilal Oswal Securities |  |  |  |  |

## Valuations comfortable; biased towards quality large caps

We are estimating 20.1\% growth in Sensex EPS in FY09 to Rs 1,002 and 29.6\% growth in FY10 to Rs 1,299 (driven largely by the commissioning of Reliance Industries' Jamnagar refinery). Given the increased risks on earnings and other macro indicators, we are reducing our target Sensex P/E range to $16-18 x$ FY09E EPS and add the embedded value of 2,800 . Our 12-month target range for the BSE Sensex is $19,000-21,000$. Our top large-cap bets are Reliance Industries, Bharti Airtel, Tata Steel, Axis Bank, Hero Honda, ITC, Gail, Ranbaxy, and TCS. A mongst the mid-caps, we like LIC Housing, IVRCL, Sintex, Blue Star, and Amtek Auto.


| SECTOR WEIGHT / BS | BSE-100 | MOST | WEIGHT RELATIVE | EFFECTIVE SECTOR |
| :---: | :---: | :---: | :---: | :---: |
| PORTFOLIO PICKS |  | WEIGHT | TO BSE-100 | StANCE |
| Banks | 19.2 | 18.0 | -1.2 | Neutral |
| ICICI Bank | 5.5 | 5.0 | -0.5 | Buy |
| Axis Bank | 1.1 | 5.0 | 3.9 | Buy |
| PNB | 0.5 | 4.0 | 3.5 | Buy |
| Kotak Mahindra Bank | 0.7 | 2.0 | 1.3 | Buy |
| Union Bank | 0.2 | 2.0 | 1.8 | Buy |
| Engg./ Infrastrcuture / Real Estate | e 14.1 | 14.0 | -0.1 | Neutral |
| Larsen \& Toubro | 5.1 | 5.0 | -0.1 | Neutral |
| IVRCL Infra. | 0.3 | 4.0 | 3.7 | Buy |
| IndiaBulls Real Estate | 0.6 | 3.0 | 2.4 | Buy |
| Simplex Infra. | 0.0 | 2.0 | 2.0 | Buy |
| Telecom | 6.5 | 9.0 | 2.5 | Overweight |
| Bharti Airtel | 3.5 | 6.0 | 2.5 | Buy |
| Reliance Comm | 2.3 | 3.0 | 0.7 | Buy |
| Petrochemicals | 12.9 | 9.0 | -3.9 | Underweight |
| Reliance Inds. | 10.5 | 9.0 | -1.5 | Buy |
| FMCG | 6.1 | 8.0 | 1.9 | Overweight |
| TC | 3.5 | 4.0 | 0.5 | Buy |
| Nestle India | 0.4 | 2.0 | 1.6 | Buy |
| United Spirit | 0.5 | 2.0 | 1.5 | Buy |
| Metals | 6.7 | 8.0 | 1.3 | Overweight |
| Tata Steel | 2.3 | 5.0 | 2.7 | Buy |
| SAIL | 0.7 | 3.0 | 2.3 | Buy |
| Information Technology | 9.0 | 8.0 | -1.0 | Neutral |
| TCS | 1.3 | 4.0 | 2.7 | Buy |
| HCL Tech. | 0.4 | 4.0 | 3.6 | Buy |
| Oil \& Gas | 5.5 | 7.0 | 1.5 | Overweight |
| Cairn India | 0.6 | 4.0 | 3.4 | Buy |
| GAIL | 0.9 | 3.0 | 2.1 | Buy |
| Auto | 3.6 | 6.0 | 2.4 | Overweight |
| Hero Honda | 0.4 | 3.0 | 2.6 | Buy |
| Maruti Suzuki | 0.8 | 3.0 | 2.2 | Buy |
| Pharmaceuticals | 3.4 | 5.0 | 1.6 | Overweight |
| Ranbaxy Labs | 0.7 | 3.0 | 2.3 | Buy |
| Glaxo Pharma | 0.3 | 2.0 | 1.7 | Buy |
| Cement | 2.8 | 2.0 | -0.8 | Underweight |
| Grasim Industries | 1.1 | 2.0 | 0.9 | Buy |
| Others | 9.9 | 6.0 | -3.9 | Underweight |
| Blue Star | 0.0 | 2.0 | 2.0 | Buy |
| LIC Housing | 0.0 | 2.0 | 2.0 | Buy |
| Sintex Inds. | 0.0 | 2.0 | 2.0 | Buy |
| Cash | 0.0 | 0.0 |  |  |
| Total | 100.0 | 100.0 |  |  |


| ANNUAL PERFORMANCE - MOST UNIVERSE |  |  |  |  | (RS BILLION) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SECTOR | SALES |  |  |  | EBITDA |  |  |  |  | NET PROFIT |  |  |  |
| Y/E MARCH | FY08E | FY 09E | FY10E | CH. (\%)* | FY08E | FY09E | FY10E |  | (\%)* | FY08E | FY09E | FY10E | CH. (\%)* |
| Auto (11) | 986 | 1,135 | 1,299 | 15.1 | 120 | 134 | 155 |  | 11.6 | 78 | 87 | 100 | 10.7 |
| Banks (20) | 691 | 847 | 1,030 | 22.5 | 537 | 664 | 814 |  | 23.6 | 295 | 355 | 429 | 20.6 |
| Cement (7) | 413 | 473 | 528 | 14.5 | 135 | 142 | 144 |  | 5.4 | 75 | 79 | 80 | 6.2 |
| Engineering (10) | 916 | 1,238 | 1,560 | 35.2 | 136 | 189 | 247 |  | 39.1 | 95 | 135 | 176 | 42.6 |
| FMCG (12) | 536 | 621 | 714 | 15.9 | 106 | 125 | 148 |  | 17.8 | 77 | 92 | 111 | 20.5 |
| IT (8) | 842 | 1,025 | 1,276 | 21.7 | 204 | 243 | 302 |  | 18.7 | 174 | 202 | 229 | 15.8 |
| Infrastructure (9) | 234 | 324 | 438 | 38.5 | 35 | 55 | 81 |  | 58.2 | 16 | 23 | 30 | 45.1 |
| Media (6) | 56 | 69 | 81 | 21.9 | 22 | 27 | 33 |  | 25.3 | 13 | 18 | 22 | 32.0 |
| Metals (8) | 2,890 | 3,313 | 3,509 | 14.6 | 575 | 671 | 721 |  | 16.8 | 295 | 360 | 411 | 21.9 |
| Oil Gas \& Petchem (10) | 7,827 | 7,978 | 8,489 | 1.9 | 954 | 1,087 | 1,375 |  | 14.0 | 570 | 658 | 880 | 15.5 |
| Pharma (17) | 409 | 475 | 481 | 16.0 | 81 | 95 | 113 |  | 17.1 | 62 | 69 | 83 | 12.3 |
| Real Estate (2) | 184 | 259 | 340 | 40.7 | 115 | 150 | 202 |  | 30.1 | 92 | 110 | 149 | 19.5 |
| Retail (3) | 95 | 138 | 184 | 44.1 | 7 | 11 | 15 |  | 43.4 | 3 | 4 | 7 | 56.7 |
| Telecom (3) | 524 | 691 | 838 | 32.1 | 217 | 297 | 366 |  | 36.8 | 129 | 161 | 194 | 25.1 |
| Textiles (7) | 116 | 140 | 171 | 20.5 | 17 | 25 | 30 |  | 47.9 | 5 | 9 | 12 | 74.4 |
| Utilities (5) | 553 | 633 | 762 | 14.4 | 135 | 158 | 186 |  | 16.4 | 93 | 103 | 112 | 10.8 |
| Others (8) | 115 | 157 | 195 | 36.0 | 23 | 34 | 44 |  | 46.3 | 14 | 21 | 27 | 53.0 |
| MOSt (146) | 17,388 | 19,514 | 21,896 | 12.2 | 3,419 | 4,106 | 4,976 |  | 20.1 | 2,085 | 2,487 | 3,050 | 19.3 |
| MOSt Excl. Banks (126) | 16,697 | 18,667 | 20,865 | 11.8 | 2,882 | 3,442 | 4,162 |  | 19.4 | 1,791 | 2,132 | 2,621 | 19.1 |
| MOSt Excl.Oil \& Gas (136) | 9,561 | 11,536 | 13,406 | 20.7 | 2,465 | 3,018 | 3,601 |  | 22.4 | 1,515 | 1,829 | 2,170 | 20.7 |
| MOST Excl. RMs (143) | 12,674 | 14,787 | 17,424 | 16.7 | 3,212 | 3,839 | 4,697 |  | 19.5 | 1,947 | 2,311 | 2,867 | 18.7 |

* Growth FY09 over FY08; For Banks : Sales = Net Interest Income, EBITDA = Operating Profits; Tata Steel figures are consolidated incl. Corus.

VALUATIONS - MOST UNIVERSE

| SECTOR <br> (NO. OF COMPANIES) | P/E |  |  | EV/EBITDA |  |  | P/BV |  | ROE |  |  | DIV. EARN. <br> YLD (\%) CAGR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (X) |  |  | (X) |  |  | (X) |  | (\%) |  |  |  |  |
|  | FY08E | FY09E | FY10E | FY08E | FY09E | FY10E | FY 08E | FY09E | FY08E | FY 09E | FY10E | FY08E | 10-08) |
| Auto (11) | 15.4 | 13.9 | 12.1 | 9.1 | 7.9 | 6.6 | 3.2 | 2.7 | 20.7 | 19.7 | 19.5 | 2.0 | 12.9 |
| Banks (20) | 15.2 | 12.6 | 10.5 | N.M | N.M | N.M | 2.6 | 2.0 | 16.8 | 15.6 | 16.7 | 1.4 | 20.7 |
| Cement (7) | 10.6 | 10.0 | 9.9 | 5.9 | 5.3 | 4.9 | 3.4 | 2.6 | 32.1 | 26.3 | 21.9 | 1.7 | 3.8 |
| Engineering (10) | 33.8 | 23.7 | 18.2 | 23.0 | 16.7 | 12.8 | 8.7 | 6.8 | 25.7 | 28.8 | 30.1 | 0.9 | 36.2 |
| FMCG (12) | 26.5 | 22.0 | 18.4 | 18.5 | 15.4 | 12.8 | 8.6 | 7.3 | 32.3 | 33.0 | 34.0 | 2.3 | 20.1 |
| IT (8) | 17.2 | 14.8 | 13.1 | 13.4 | 11.0 | 8.5 | 5.2 | 4.1 | 30.1 | 27.8 | 25.5 | 1.4 | 14.6 |
| Infrastructure (9) | 53.9 | 37.1 | 29.2 | 27.7 | 18.8 | 13.4 | 4.9 | 4.0 | 9.1 | 10.9 | 12.5 | 0.3 | 35.7 |
| Media (6) | 25.1 | 19.0 | 15.4 | 15.0 | 11.6 | 9.1 | 4.7 | 3.9 | 18.6 | 20.4 | 20.8 | 0.6 | 27.5 |
| Metals (8) | 10.8 | 8.9 | 7.8 | 6.2 | 5.1 | 4.6 | 2.3 | 1.9 | 21.2 | 21.0 | 19.7 | 1.3 | 18.0 |
| Oil Gas \& Petchem (10) | 13.0 | 11.3 | 8.5 | 8.1 | 7.1 | 5.5 | 2.7 | 2.2 | 20.9 | 19.7 | 21.6 | 1.9 | 24.2 |
| Pharma (17) | 19.2 | 17.1 | 14.3 | 15.1 | 12.6 | 10.3 | 4.3 | 3.6 | 22.5 | 20.8 | 21.0 | 1.4 | 15.8 |
| Real Estate (2) | 18.0 | 15.0 | 11.2 | 15.4 | 11.5 | 7.9 | 8.1 | 5.9 | 45.2 | 39.4 | 38.4 | 1.0 | 26.9 |
| Retail (3) | 44.8 | 28.6 | 17.5 | 19.2 | 13.6 | 9.3 | 6.2 | 5.3 | 13.8 | 18.4 | 17.7 | 0.3 | 59.9 |
| Telecom (3) | 22.8 | 18.2 | 15.1 | 14.4 | 11.0 | 8.7 | 6.0 | 4.8 | 26.5 | 26.1 | 25.2 | 0.0 | 22.8 |
| Textiles (7) | 11.7 | 6.7 | 5.2 | 9.3 | 6.8 | 5.8 | 0.8 | 0.8 | 7.1 | 11.3 | 13.0 | 2.2 | 50.1 |
| Utilities (5) | 25.9 | 23.4 | 21.6 | 17.1 | 15.3 | 13.4 | 3.1 | 2.6 | 11.8 | 11.2 | 11.2 | 1.3 | 9.7 |
| Others (8) | 14.4 | 9.4 | 7.3 | 9.3 | 6.3 | 4.5 | 3.5 | 2.5 | 24.6 | 26.1 | 26.8 | 1.3 | 41.1 |
| MOSt (146) | 16.8 | 14.1 | 11.5 | N.M | N.M | N.M | 3.6 | 2.9 | 21.2 | 20.4 | 21.0 | 1.3 | 20.9 |
| MOSt Excl. Banks (126) | 17.1 | 14.4 | 11.7 | 10.8 | 9.0 | 7.3 | 3.8 | 3.1 | 22.2 | 21.5 | 21.9 | 1.3 | 21.0 |
| MOSt Excl.Oil \& Gas (136) | 18.3 | 15.1 | 12.8 | N.M | N.M | N.M | 3.9 | 3.1 | 21.4 | 20.7 | 20.7 | 1.2 | 19.7 |
| MOST Excl. RMs (143) | 17.6 | 14.9 | 12.0 | N.M | N.M | N.M | 3.8 | 3.0 | 21.3 | 20.4 | 21.2 | 1.3 | 21.4 |

N.M. - Not Meaningful

Source: Motilal Oswal Securities

## 4QFY08: expect steady corporate performance

Aggregate estimates for our universe of 146 companies suggest that 4QFY08 has been a quarter of steady corporate performance. Sales growth is healthy at $24 \%$ YoY. However, EBITDA margin is expected to be lower 190bp. As a result, PAT growth has been a steady $18 \%$ YoY. Although this is better than the $14 \%$ growth recorded in 3QFY08, it is still the second lowest in the last nine quarters. Performance of Sensex companies is expected to be better - sales growth of $37 \%$ YoY (excluding DLF and including Tata Steel consolidated) and PAT growth of $24 \%$ YoY.


Source: Motilal Oswal Securities

| QUARTERLY PERFORMANCE - Most universe |  |  |  |  |  |  |  |  | (RS MILLION) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SECTOR | SALES |  |  | Ebitda |  |  | NET PRoFIT |  |  |
| (No. of Companies) | MAR. 07 | MAR. 08 | CHG. (\%) | MAR. 07 | MAR. 08 | CHG. (\%) | MAR. 07 | MAR. 08 | CHG. (\%) |
| Auto (11) | 259,427 | 276,299 | 6.5 | 31,205 | 34,287 | 9.9 | 21,551 | 22,472 | 4.3 |
| Banks (20) | 175,866 | 189,951 | 8.0 | 148,469 | 151,324 | 1.9 | 63,264 | 74,260 | 17.4 |
| Cement (7) | 84,260 | 96,011 | 13.9 | 26,672 | 30,356 | 13.8 | 16,366 | 18,282 | 11.7 |
| Engineering (10) | 239,956 | 320,364 | 33.5 | 41,740 | 57,397 | 37.5 | 30,050 | 39,162 | 30.3 |
| FMCG (12) | 127,333 | 140,646 | 10.5 | 21,938 | 25,481 | 16.2 | 15,050 | 18,393 | 22.2 |
| IT (8) | 171,946 | 211,984 | 23.3 | 48,048 | 56,813 | 18.2 | 41,952 | 47,768 | 13.9 |
| Infrastructure (9) | 60,445 | 73,033 | 20.8 | 8,367 | 10,807 | 29.2 | 3,815 | 4,789 | 25.5 |
| Media (6) | 14,082 | 15,152 | 7.6 | 5,121 | 5,668 | 10.7 | 2,564 | 2,818 | 9.9 |
| Metals (8) | 333,892 | 374,314 | 12.1 | 119,212 | 133,988 | 12.4 | 71,420 | 83,649 | 17.1 |
| Oil Gas \& Petchem (10) | 1,554,451 | 2,041,356 | 31.3 | 195,485 | 208,690 | 6.8 | 106,676 | 127,765 | 19.8 |
| Pharma (17) | 95,315 | 105,590 | 10.8 | 20,005 | 21,257 | 6.3 | 15,652 | 14,220 | -9.1 |
| Real Estate (2) | 8,487 | 14,592 | 71.9 | 5,101 | 6,073 | 19.1 | 3,571 | 4,051 | 13.5 |
| Retail (3) | 16,725 | 24,769 | 48.1 | 1,447 | 2,110 | 45.8 | 730 | 919 | 25.9 |
| Telecom (3) | 106,386 | 146,478 | 37.7 | 43,123 | 60,951 | 41.3 | 25,682 | 33,132 | 29.0 |
| Textiles (7) | 25,131 | 32,058 | 27.6 | 3,975 | 4,634 | 16.6 | 1,370 | 1,177 | -14.1 |
| Utilities (5) | 127,954 | 145,716 | 13.9 | 27,508 | 35,685 | 29.7 | 21,693 | 25,794 | 18.9 |
| Others (8) | 25,372 | 32,866 | 29.5 | 4,701 | 6,202 | 31.9 | 3,086 | 4,021 | 30.3 |
| MOSt (146)* | 3,427,027 | 4,241,179 | 23.8 | 752,117 | 851,723 | 13.2 | 444,489 | 522,672 | 17.6 |
| MOSt Excl. Banks (126) | 3,251,161 | 4,051,228 | 24.6 | 603,648 | 700,399 | 16.0 | 381,226 | 448,413 | 17.6 |
| MOSt Excl.Oil \& Gas (136) | 1,872,576 | 2,199,822 | 17.5 | 556,632 | 643,033 | 15.5 | 337,814 | 394,907 | 16.9 |
| MOST Excl. RMs (143) | 2,438,377 | 2,920,888 | 19.8 | 680,102 | 801,894 | 17.9 | 404,084 | 489,521 | 21.1 |
| Sensex (Excl DLF) | 1,351,846 | 1,612,965 | 19.3 | 388,987 | 476,550 | 22.5 | 245,138 | 296,579 | 21.0 |
| Sensex (Tata Steel Cons) | 1,376,739 | 1,889,211 | 37.2 | 389,631 | 497,448 | 27.7 | 243,732 | 303,216 | 24.4 |

[^1]
## Healthy sales growth of $\mathbf{2 4 \%}$ YoY

* For 4QFY08, we expect our Universe of 146 companies to record healthy sales growth of $24 \%$ Yo Y. The major sectors driving sales growth are: Telecom ( $+38 \%$ ), Engineering $(+33.5 \%)$ and Oil \& Gas ( $+31 \%$ ). However, the growth rate is dragged down mainly by Autos ( $+6.5 \%$ ), FMCG ( $+10.5 \%$ ), Pharma ( $+11 \%$ ) and Metals ( $+12 \%$ ).
* The Telecom sector is expected to witness revenue growth of $38 \%$ YoY on the back of sustained strong addition to the wireless subscriber base ( +26 m in 4QFY08). Idea Cellular leads with revenue growth of $43 \%$ Yo Y, followed by Bharti ( $+38.5 \%$ ) and Reliance Communications ( $+35 \%$ ).
* We expect the Engineering sector to record sales growth of $33.5 \%$ Yo Y, on the back of sustained capex in the Indian economy, especially in the power sector. Companies which are expected to grow faster than the industry average are Suzlon ( $+62.5 \%$ ), Siemens ( $+35 \%$ ) and Bharat Electronics ( $+35 \%$ ).
\& Oil \& Gas sales growth of $31 \%$ YoY is higher than the growth rate of the recent past, mainly due to rise in petrol and diesel prices announced in February 2008. The growth leaders are HPCL ( $+44 \%$ YoY), MRPL ( $+43 \%$ ), Chennai Petroleum ( $+39 \%$ ) and IOC (+33\%).
* Autos continue to grow at single digit rates (expected $6.5 \% \mathrm{YoY}$ ), due to higher interest rates and lower availability of credit. Among OEMs, only Maruti is expected to grow in double digits ( $13.5 \%$ YoY). Tata Motors is expected to grow by a mere $3.3 \%$ Yo Y due to: (a) de-growth in HCV volumes, given the high base of FY07 owing to the ban on overloading of trucks; and (b) de-growth in cars and UVs.
* FMCG sales growth is dragged down to $10.5 \%$ Yo Y mainly due to a $39 \%$ de-growth in Tata Tea, following the hive-off of its tea estates in northern India to a separate company. Excluding Tata Tea, FMCG growth is a healthy $15 \%$ YoY, led by United Spirits ( $+21 \%$ ), Godrej Consumer ( $+20.5 \%$ ), Asian Paints ( $+20 \%$ ), Marico ( $+20 \%$ ), Nestle ( $+19 \%$ ) and Britannia (+19\%).
* The Metals sector clearly displays a divergent performance for the ferrous and nonferrous segments. Ferrous metals sales are expected to be up $23.6 \%$ YoY, whereas non-ferrous metals sales are expected to be down $3 \%$ YoY, due to a fall in the prices of copper, aluminium and zinc.

SECTORAL SALES GROWTH - QUARTER ENDED MARCH 2008 (\%)


## EBITDA margins to remain stable

2 We expect our Universe of 116 companies (excluding Banks and Utilities) to register 4QFY08 EBITDA growth of $15 \%$ YoY. This is lower than topline growth of $25 \%$, implying 140bp drop in EBITDA margin. However, much of the reduction in margins is due to underrecovery of OMCs (Oil \& Gas marketing companies), IOC, HPCL and BPCL. Excluding OMCs, aggreg ate EBITDA margin is expected to be stable at $23.8 \%$ (23.6\% in 4QFY07).

25 The Real Estate sector is expected to take the worst hit, with EBITDA margin going down $18.5 \%$ to $41.6 \%$.

SECTORAL EBITDA GROWTH - QUARTER ENDED MARCH 2008 (\%)


Source: Motilal Oswal Securities

## Aggregate PAT growth of $18 \%$ YoY; Sensex PAT growth of $24 \%$ YoY

\& We expect overall PAT growth of $18 \%$ YoY. The major contributors to PAT growth are Engineering ( $+30 \%$ YoY), Telecom ( $+29 \%$ ), Infrastructure ( $+25.5 \%$ ) and FMCG $(+22 \%)$. The major drags on profit growth are Pharma ( $-9 \%$ YoY), Autos $(+4 \%)$, Cement ( $+12 \%$ ) and IT ( $+14 \%$ ).
\& Profit growth for Sensex companies is expected to be $24 \%$ YoY (based on consolidated profit for Tata Steel and excluding DLF as its 4QFY07 numbers are not available). The top five performers are expected to be ONGC ( $+59 \%$ YoY), HDFC Bank ( $+36 \%$ ), RCom ( $+34.5 \%$ ), L\&T ( $+31 \%$ ), Bharti ( $+28 \%$ ). The bottom five are likely to be Jaiprakash Associates ( $-22 \%$ YoY), Reliance Energy ( $-20 \%$ ), Hindalco ( $-19 \%$ ), Ranbaxy ( $-19 \%$ ) and ACC ( $-11 \%$ ).

SECTORAL NET PROFIT GROWTH - QUARTER ENDED MARCH 2008 (\%)


Source: Motilal Oswal Securities

QUARTERLY PERFORMANCE - MOST UNIVERSE

| SECTOR | EBITDA MARGIN (\%) |  |  | NET PROFIT MARGIN (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (NO. OF COMPANIES) | MAR. 07 | MAR. 08 | CHG. (\%) | MAR. 07 | MAR. 08 | CHG. (\%) |
| Auto (11) | 12.0 | 12.4 | 0.4 | 8.3 | 8.1 | -0.2 |
| Banks (20) | 84.4 | 79.7 | -4.8 | 36.0 | 39.1 | 3.1 |
| Cement (7) | 31.7 | 31.6 | 0.0 | 19.4 | 19.0 | -0.4 |
| Engineering (10) | 17.4 | 17.9 | 0.5 | 12.5 | 12.2 | -0.3 |
| FMCG (12) | 17.2 | 18.1 | 0.9 | 11.8 | 13.1 | 1.3 |
| IT (8) | 27.9 | 26.8 | -1.1 | 24.4 | 22.5 | -1.9 |
| Infrastructure (9) | 13.8 | 14.8 | 1.0 | 6.3 | 6.6 | 0.2 |
| Media (6) | 36.4 | 37.4 | 1.0 | 18.2 | 18.6 | 0.4 |
| Metals (8) | 35.7 | 35.8 | 0.1 | 21.4 | 22.3 | 1.0 |
| Oil Gas \& Petchem (10) | 12.6 | 10.2 | -2.4 | 6.9 | 6.3 | -0.6 |
| Pharma (17) | 21.0 | 20.1 | -0.9 | 16.4 | 13.5 | -3.0 |
| Real Estate (2) | 60.1 | 41.6 | -18.5 | 42.1 | 27.8 | -14.3 |
| Retail (3) | 8.7 | 8.5 | -0.1 | 4.4 | 3.7 | -0.7 |
| Telecom (3) | 40.5 | 41.6 | 1.1 | 24.1 | 22.6 | -1.5 |
| Textiles (7) | 15.8 | 14.5 | -1.4 | 5.5 | 3.7 | -1.8 |
| Utilities (5) | 21.5 | 24.5 | 3.0 | 17.0 | 17.7 | 0.7 |
| Others (8) | 18.5 | 18.9 | 0.3 | 12.2 | 12.2 | 0.1 |
| MOSt (146) | 21.9 | 20.1 | -1.9 | 13.0 | 12.3 | -0.6 |
| MOSt Excl. Banks (126) | 18.6 | 17.3 | -1.3 | 11.7 | 11.1 | -0.7 |
| MOSt Excl.Oil \& Gas (136) | 29.7 | 29.2 | -0.5 | 18.0 | 18.0 | -0.1 |
| MOST Excl. RMs (143) | 27.9 | 27.5 | -0.4 | 16.6 | 16.8 | 0.2 |
| Sensex (Excl DLF) | 28.8 | 29.5 | 0.8 | 18.1 | 18.4 | 0.3 |
| Sensex (Tata Steel Cons) | 28.3 | 26.3 | -2.0 | 17.7 | 16.0 | -1.7 |

*Tata Steel Standalone
EBITDA MARGIN GROWTH - QUARTER ENDED MARCH 2008 (\%)
NET PROFIT MARGIN GROWTH - QUARTER ENDED MARCH 2008 (\%)

sectoral contribution to growth in sales, ebitda and net profit (\%)

| SECTOR | CONTRIBUTION TO SALES GR. | SECTOR | CONTRIBUTION to Ebitda Gr. | SECTOR | CONTRIBUTION TO NP Gr. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Oil Gas \& Petchem (10) | 59.8 | Telecom (3) | 17.9 | Oil Gas \& Petchem (10) | 27.0 |
| Engineering (10) | 9.9 | Engineering (10) | 15.7 | Metals (8) | 15.6 |
| Metals (8) | 5.0 | Metals (8) | 14.8 | Banks (20) | 14.1 |
| Telecom (3) | 4.9 | Oil Gas \& Petchem (10) | 13.3 | Engineering (10) | 11.7 |
| IT (8) | 4.9 | IT (8) | 8.8 | Telecom (3) | 9.5 |
| Utilities (5) | 2.2 | Utilities (5) | 8.2 | IT (8) | 7.4 |
| Auto (11) | 2.1 | Cement (7) | 3.7 | Utilities (5) | 5.2 |
| Banks (20) | 1.7 | FMCG (12) | 3.6 | FMCG (12) | 4.3 |
| FMCG (12) | 1.6 | Auto (11) | 3.1 | Cement (7) | 2.5 |
| Infrastructure (9) | 1.5 | Banks (20) | 2.9 | Infrastructure (9) | 1.2 |
| Cement (7) | 1.4 | Infrastructure (9) | 2.5 | Others (8) | 1.2 |
| Pharma (17) | 1.3 | Others (8) | 1.5 | Auto (11) | 1.2 |
| Retail (3) | 1.0 | Pharma (17) | 1.3 | Real Estate (2) | 0.6 |
| Others (8) | 0.9 | Real Estate (2) | 1.0 | Media (6) | 0.3 |
| Textiles (7) | 0.9 | Retail (3) | 0.7 | Retail (3) | 0.2 |
| Real Estate (2) | 0.7 | Textiles (7) | 0.7 | Textiles (7) | -0.2 |
| Media (6) | 0.1 | Media (6) | 0.5 | Pharma (17) | -1.8 |

Source: Motilal Oswal Securities

Scoreboard (quarter ended March 2008)

TOP 10 BY SALES GROWTH (\%)


TOP 10 BY EBITDA GROWTH (\%)


TOP 10 BY NET PROFIT GROWTH (\%)


WORST 10 BY SALES GROWTH (\%)


WORST 10 BY EBITDA GROWTH (\%)


WORST 10 BY NET PROFIT GROWTH (\%)


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Note: In our quarterly performance tables, our four-quarter numbers may not always add up to the full-year numbers. This is because of differences in classification of account heads in the company's quarterly and annual results or because of differences in the way we classify account heads as opposed to the company.

Ready reckoner: valuations

|  | CMP (RS) | RECO | EPS (RS) |  |  | P/E (X) |  |  | EV/EBITDA |  |  | ROE (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 28.3.08 |  | FY08E | FY09E | FY10E | FY08E | FY09E | FY10E | FY08E | FY09E | FY 10 E | FY08E | FY09E | FY10E |
| Automobiles |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Amtek Auto | 260 | Buy | 28.1 | 33.9 | 39.0 | 9.3 | 7.7 | 6.7 | 6.7 | 5.7 | 4.7 | 17.4 | 17.4 | 16.6 |
| Ashok Leyland | 34 | Buy | 3.0 | 3.4 | 3.9 | 11.4 | 10.0 | 8.8 | 6.7 | 5.9 | 5.2 | 21.3 | 19.9 | 20.6 |
| Bajaj Auto * | 2,080 | Buy | 127.6 | 143.8 | 160.8 | 16.3 | 14.5 | 12.9 | 11.5 | 9.6 | 7.7 | 20.3 | 19.8 | 19.1 |
| Bharat Forge | 281 | Buy | 11.3 | 15.3 | 17.9 | 24.9 | 18.3 | 15.7 | 14.0 | 11.0 | 9.0 | 17.1 | 16.8 | 17.0 |
| Eicher Motors | 241 | UR | 23.0 | 25.1 | 28.6 | 10.5 | 9.6 | 8.4 | 4.6 | 3.8 | 3.0 | 14.8 | 15.9 | 13.9 |
| Hero Honda | 701 | Buy | 46.2 | 50.5 | 55.6 | 15.2 | 13.9 | 12.6 | 9.3 | 8.2 | 7.0 | 33.8 | 30.8 | 26.7 |
| Mahindra \& Mahindra | ra 691 | Buy | 62.8 | 72.9 | 85.0 | 11.0 | 9.5 | 8.1 | 11.8 | 10.4 | 8.8 | 20.7 | 19.0 | 18.6 |
| Maruti Suzuki | 836 | Buy | 66.4 | 73.1 | 85.6 | 12.6 | 11.4 | 9.8 | 6.9 | 5.9 | 4.9 | 22.2 | 20.0 | 19.2 |
| Swaraj Mazda | 316 | Neutral | 22.6 | 25.7 | 28.6 | 14.0 | 12.3 | 11.1 | 8.5 | 7.6 | 6.8 | 25.8 | 24.4 | 22.7 |
| Tata Motors | 646 | Buy | 51.9 | 56.6 | 67.4 | 12.4 | 11.4 | 9.6 | 9.4 | 8.6 | 7.2 | 20.5 | 19.3 | 20.2 |
| TVS Motor | 36 | Neutral | 0.6 | 2.3 | 2.7 | 59.3 | 15.9 | 13.6 | 15.2 | 8.1 | 7.0 | 2.0 | 7.2 | 7.3 |
| Sector Aggregate |  |  |  |  |  | 15.4 | 13.9 | 12.1 | 9.1 | 7.9 | 6.6 | 20.7 | 19.7 | 19.5 |
| Cement |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ACC | 835 | Neutral | 64.0 | 63.5 | 58.8 | 13.1 | 13.2 | 14.2 | 7.3 | 7.1 | 7.8 | 29.0 | 24.0 | 19.5 |
| Ambuja Cements | 124 | Buy | 7.1 | 9.1 | 9.5 | 17.4 | 13.5 | 13.0 | 8.7 | 8.6 | 8.4 | 26.7 | 27.0 | 23.8 |
| Birla Corporation | 197 | Buy | 53.0 | 51.8 | 54.5 | 3.7 | 3.8 | 3.6 | 2.0 | 1.6 | 0.9 | 40.4 | 29.6 | 24.7 |
| Grasim Industries | 2,705 | Buy | 295.9 | 287.7 | 294.0 | 9.1 | 9.4 | 9.2 | 4.7 | 4.2 | 3.7 | 29.4 | 22.9 | 19.4 |
| India Cements | 194 | Buy | 23.7 | 23.4 | 23.1 | 8.2 | 8.3 | 8.4 | 5.7 | 5.1 | 4.6 | 34.4 | 23.2 | 18.9 |
| Shree Cement | 1,007 | Buy | 107.5 | 148.3 | 167.5 | 9.4 | 6.8 | 6.0 | 4.6 | 3.3 | 2.4 | 59.5 | 49.4 | 37.4 |
| UlitraTech Cement | 781 | Buy | 80.2 | 89.0 | 90.0 | 9.7 | 8.8 | 8.7 | 6.7 | 5.5 | 5.0 | 44.8 | 34.6 | 26.4 |
| Sector Aggregate |  |  |  |  |  | 10.6 | 10.0 | 9.9 | 5.9 | 5.3 | 4.9 | 32.1 | 26.3 | 21.9 |
| Engineering |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ABB | 1,196 | Neutral | 23.2 | 32.3 | 42.9 | 51.6 | 37.0 | 27.9 | 33.9 | 23.9 | 17.4 | 34.7 | 35.4 | 34.5 |
| Alstom Projects | 547 | Neutral | 17.3 | 21.2 | 25.7 | 31.6 | 25.8 | 21.3 | 20.1 | 15.7 | 11.9 | 31.8 | 32.3 | 31.8 |
| Bharat Electronics | 1,105 | Buy | 91.3 | 117.3 | 137.8 | 12.1 | 9.4 | 8.0 | 6.2 | 4.4 | 3.3 | 26.9 | 27.9 | 26.2 |
| BHEL | 2,092 | Neutral | 60.2 | 87.8 | 117.7 | 34.8 | 23.8 | 17.8 | 21.5 | 14.6 | 10.7 | 29.3 | 33.0 | 34.0 |
| Crompton Greaves | 288 | Neutral | 10.6 | 14.5 | 19.3 | 27.1 | 19.9 | 14.9 | 21.9 | 17.8 | 14.2 | 37.6 | 36.5 | 35.4 |
| Cummins India | 303 | UR | 15.7 | 19.3 | 24.7 | 19.2 | 15.7 | 12.3 | 15.3 | 12.1 | 9.2 | 27.3 | 27.7 | 29.5 |
| Larsen \& Toubro | 3,147 | Neutral | 78.9 | 110.7 | 137.8 | 39.9 | 28.4 | 22.8 | 29.7 | 22.7 | 18.3 | 27.2 | 25.0 | 25.5 |
| Siemens | 662 | Neutral | 18.3 | 25.1 | 32.8 | 36.1 | 26.4 | 20.2 | 24.3 | 17.7 | 13.4 | 44.5 | 43.0 | 43.5 |
| Suzion Energy | 270 | Neutral | 7.0 | 12.1 | 16.3 | 38.6 | 22.3 | 16.5 | 23.6 | 17.0 | 13.2 | 17.3 | 19.0 | 21.9 |
| Thermax | 592 | Buy | 24.2 | 35.7 | 49.1 | 24.4 | 16.6 | 12.1 | 16.9 | 10.9 | 7.2 | 42.4 | 46.1 | 44.5 |
| Sector Aggregate |  |  |  |  |  | 33.8 | 23.7 | 18.2 | 23.0 | 16.7 | 12.8 | 25.7 | 28.8 | 30.1 |
| FMCG |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Asian Paints | 1,176 | Buy | 42.2 | 50.2 | 61.3 | 27.8 | 23.4 | 19.2 | 17.3 | 14.3 | 11.8 | 40.5 | 38.0 | 36.2 |
| Britannia | 1,308 | Buy | 73.0 | 87.5 | 114.0 | 17.9 | 15.0 | 11.5 | 11.5 | 9.2 | 6.7 | 25.3 | 24.5 | 25.8 |
| Colgate | 388 | Buy | 17.3 | 20.3 | 23.2 | 22.4 | 19.1 | 16.7 | 20.9 | 17.0 | 14.7 | 130.9 | 266.1 | 201.2 |
| Dabur | 108 | Neutral | 3.9 | 4.8 | 5.8 | 27.5 | 22.4 | 18.6 | 21.8 | 18.3 | 15.4 | 52.5 | 49.4 | 46.4 |
| Godrej Consumer | 126 | Buy | 6.9 | 7.9 | 9.2 | 18.5 | 16.0 | 13.7 | 14.3 | 10.4 | 9.0 | 90.9 | 32.3 | 34.8 |
| GSK Consumer | 606 | Buy | 38.7 | 44.9 | 52.7 | 15.7 | 13.5 | 11.5 | 9.6 | 8.1 | 6.4 | 25.4 | 25.0 | 25.0 |
| Hind. Unilever | 242 | Neutral | 8.1 | 9.3 | 10.7 | 29.8 | 26.1 | 22.6 | 27.1 | 22.4 | 19.3 | 122.9 | 113.7 | 107.2 |
| пC | 206 | Buy | 8.3 | 9.6 | 11.4 | 24.9 | 21.6 | 18.1 | 16.6 | 14.1 | 11.5 | 26.1 | 26.3 | 27.4 |
| Marico | 67 | Buy | 2.7 | 3.2 | 3.7 | 25.1 | 21.3 | 18.2 | 16.9 | 14.1 | 12.2 | 66.0 | 56.7 | 49.9 |
| Nestle | 1,493 | Buy | 44.7 | 56.6 | 71.0 | 33.4 | 26.4 | 21.0 | 20.4 | 16.3 | 13.1 | 62.1 | 68.1 | 73.2 |
| Tata Tea | 827 | Neutral | 47.2 | 74.4 | 84.5 | 17.5 | 11.1 | 9.8 | 5.9 | 5.0 | 4.2 | 7.3 | 10.7 | 11.2 |
| United Spirits | 1,508 | Buy | 44.3 | 69.0 | 94.7 | 34.0 | 21.9 | 15.9 | 24.0 | 19.1 | 14.8 | 16.9 | 18.8 | 20.6 |
| Sector Aggregate |  |  |  |  |  | 26.5 | 22.0 | 18.4 | 18.5 | 15.4 | 12.8 | 32.3 | 33.0 | 34.0 |

Ready reckoner: valuations

|  | P (RS) | RECO | EPS (RS) |  |  | P/E (X) |  |  | EV/EBITDA |  |  | ROE (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8.3.08 |  | FY08E | FY09E | FY10E | FY08E | FY09E | FY10E | FY08E | FY09E | FY10E | FY08E | FY09E | FY10E |
| Information Technology |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HCL Technologies | 272 | Buy | 19.5 | 22.1 | 25.6 | 14.0 | 12.3 | 10.6 | 9.7 | 7.8 | 6.2 | 25.7 | 26.7 | 28.4 |
| Infosys | 1,526 | Buy | 82.7 | 93.1 | 103.4 | 18.5 | 16.4 | 14.8 | 15.1 | 12.1 | 9.5 | 35.7 | 31.0 | 27.3 |
| MphasiS | 202 | Buy | 12.1 | 14.5 | 17.1 | 16.6 | 13.9 | 11.8 | 6.9 | 5.2 | 4.0 | 31.5 | 24.7 | 24.4 |
| Patni Computer | 230 | Neutral | 33.6 | 35.2 | 37.1 | 6.8 | 6.5 | 6.2 | 3.8 | 2.5 | 1.8 | 19.0 | 17.1 | 15.7 |
| Satyam Computer | 408 | Buy | 25.4 | 30.6 | 34.7 | 16.1 | 13.3 | 11.8 | 12.3 | 9.3 | 6.8 | 26.3 | 25.6 | 23.7 |
| TCS | 870 | Buy | 52.0 | 59.8 | 67.1 | 16.7 | 14.6 | 13.0 | 13.6 | 11.4 | 9.1 | 46.3 | 39.2 | 33.9 |
| Tech Mahindra | 723 | Neutral | 57.5 | 69.5 | 77.9 | 12.6 | 10.4 | 9.3 | 10.1 | 7.8 | 5.5 | 44.8 | 35.1 | 38.1 |
| Wipro | 454 | Buy | 22.4 | 25.5 | 29.6 | 20.3 | 17.8 | 15.4 | 15.7 | 13.1 | 9.9 | 29.2 | 27.8 | 26.9 |
| Sector Aggregate |  |  |  |  |  | 17.2 | 14.8 | 13.1 | 13.4 | 11.0 | 8.5 | 30.1 | 27.8 | 25.5 |
| Infrastructure |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B.L.Kashyap 1, | 1,644 | Neutral | 55.9 | 75.5 | 107.8 | 29.4 | 21.8 | 15.2 | 21.9 | 14.7 | 10.9 | 33.5 | 33.7 | 35.4 |
| Gammon India | 400 | Neutral | 10.3 | 14.1 | 19.4 | 38.0 | 27.6 | 20.2 | 18.7 | 14.4 | 11.1 | 7.4 | 9.3 | 11.3 |
| GMR Infrastructure | 156 | Neutral | 1.2 | 2.2 | 2.0 | 125.4 | 71.2 | 80.0 | 45.8 | 24.8 | 14.8 | 3.7 | 6.2 | 5.3 |
| Hindustan Construction | - 139 | Buy | 2.9 | 4.5 | 7.6 | 48.2 | 30.9 | 18.3 | 14.9 | 11.5 | 8.5 | 6.8 | 8.4 | 13.0 |
| IVRCL Infra. | 406 | Buy | 16.2 | 21.2 | 29.4 | 25.1 | 19.2 | 13.8 | 16.6 | 12.0 | 8.5 | 14.5 | 17.0 | 20.2 |
| Jaiprakash Associates | 240 | Buy | 4.0 | 5.7 | 7.1 | 59.5 | 42.2 | 33.7 | 36.2 | 24.2 | 18.5 | 11.6 | 11.7 | 13.3 |
| Nagarjuna Construction | n 220 | Neutral | 7.4 | 10.9 | 14.0 | 29.8 | 20.1 | 15.8 | 16.9 | 14.1 | 12.0 | 12.4 | 11.2 | 12.2 |
| Patel Engg. | 623 | Buy | 23.3 | 22.4 | 28.0 | 24.9 | 25.9 | 20.7 | 22.3 | 18.2 | 14.8 | 17.5 | 14.7 | 16.1 |
| Simplex Infra. | 596 | Buy | 19.1 | 40.3 | 60.0 | 31.1 | 14.8 | 9.9 | 13.4 | 8.6 | 6.2 | 13.2 | 18.5 | 22.0 |
| Sector Aggregate |  |  |  |  |  | 53.9 | 37.1 | 29.2 | 27.7 | 18.8 | 13.4 | 9.1 | 10.9 | 12.5 |
| Media |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Deccan Chronicle | 161 | Buy | 11.8 | 14.7 | 17.8 | 13.7 | 11.0 | 9.1 | 7.9 | 6.2 | 4.7 | 26.7 | 25.6 | 24.2 |
| HT Media | 170 | Buy | 5.7 | 6.5 | 7.8 | 29.9 | 26.1 | 21.7 | 17.0 | 15.3 | 12.5 | 14.7 | 14.6 | 15.3 |
| Jagran Prakashan | 94 | Buy | 3.5 | 4.6 | 6.0 | 26.8 | 20.6 | 15.7 | 15.4 | 11.7 | 8.8 | 19.3 | 22.4 | 25.0 |
| Sun TV | 291 | Neutral | 9.5 | 13.3 | 16.3 | 30.8 | 21.9 | 17.8 | 16.4 | 12.6 | 10.1 | 24.8 | 27.6 | 27.0 |
| TV Today | 103 | Buy | 7.3 | 9.1 | 11.6 | 14.0 | 11.3 | 8.9 | 7.0 | 5.7 | 4.6 | 15.7 | 16.8 | 18.1 |
| Zee Entertainment | 246 | Neutral | 8.6 | 12.0 | 14.9 | 28.7 | 20.5 | 16.6 | 19.8 | 14.0 | 10.6 | 17.8 | 18.9 | 17.9 |
| Sector Aggregate |  |  |  |  |  | 25.1 | 19.0 | 15.4 | 15.0 | 11.6 | 9.1 | 18.6 | 20.4 | 20.8 |
| Metals |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hindalco | 175 | Neutral | 14.0 | 19.5 | 28.0 | 12.5 | 9.0 | 6.3 | 7.8 | 6.0 | 5.7 | 11.9 | 13.8 | 17.3 |
| Hindustan Zinc | 536 | Buy | 94.7 | 93.0 | 106.4 | 5.7 | 5.8 | 5.0 | 3.0 | 2.3 | 2.1 | 35.3 | 26.3 | 23.6 |
| Jindal Steel \& Power | 2,219 | Buy | 74.1 | 120.7 | 161.1 | 30.0 | 18.4 | 13.8 | 17.5 | 11.3 | 8.9 | 31.9 | 34.6 | 31.9 |
| JSW Steel | 819 | Neutral | 90.6 | 117.6 | 152.1 | 9.0 | 7.0 | 5.4 | 7.9 | 5.9 | 5.0 | 23.2 | 24.2 | 23.9 |
| Nalco | 463 | Neutral | 26.7 | 34.8 | 43.1 | 17.3 | 13.3 | 10.8 | 11.8 | 8.4 | 6.0 | 19.4 | 21.2 | 21.7 |
| SAIL | 198 | Buy | 20.4 | 23.2 | 24.5 | 9.7 | 8.5 | 8.1 | 5.3 | 4.7 | 4.6 | 34.9 | 29.7 | 24.7 |
| Sterlite Inds. | 756 | Buy | 56.7 | 62.0 | 58.6 | 13.3 | 12.2 | 12.9 | 5.2 | 4.2 | 3.8 | 18.3 | 17.0 | 13.8 |
| Tata Steel | 717 | Buy | 82.8 | 114.3 | 128.4 | 8.7 | 6.3 | 5.6 | 5.2 | 4.5 | 4.1 | 14.5 | 17.2 | 16.7 |
| Sector Aggregate |  |  |  |  |  | 10.8 | 8.9 | 7.8 | 6.2 | 5.1 | 4.6 | 21.2 | 21.0 | 19.7 |
| Oil \& Gas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BPCL | 434 | Buy | 62.2 | 93.6 | 103.9 | 7.0 | 4.6 | 4.2 | 6.6 | 4.3 | 3.9 | 17.5 | 21.9 | 24.3 |
| Cairn India | 230 | Buy | 0.2 | 1.5 | 7.3 | 1,439.2 | 152.7 | 31.6 | 56.5 | 44.7 | 16.4 | 0.1 | 0.9 | 4.0 |
| Chennai Petroleum | 274 | Buy | 67.4 | 57.6 | 52.5 | 4.1 | 4.8 | 5.2 | 3.3 | 3.5 | 3.8 | 33.4 | 23.3 | 18.5 |
| GAIL | 442 | Buy | 30.5 | 35.1 | 38.0 | 14.5 | 12.6 | 11.6 | 9.9 | 7.9 | 7.2 | 19.9 | 20.1 | 19.3 |
| HPCL | 263 | Buy | 30.0 | 51.2 | 54.3 | 8.8 | 5.1 | 4.8 | 8.0 | 4.7 | 4.4 | 10.2 | 15.8 | 16.8 |
| Indraprastha Gas | 136 | Not Rated | 12.4 | 13.2 | 13.4 | 10.9 | 10.3 | 10.1 | 5.9 | 5.2 | 4.7 | 33.1 | 28.7 | 24.7 |
| IOC | 464 | Buy | 88.8 | 105.2 | 107.0 | 5.2 | 4.4 | 4.3 | 5.0 | 4.2 | 4.2 | 23.0 | 21.9 | 18.5 |

Ready reckoner: valuations


Ready reckoner: valuations


UR - Under Review; * Bajaj Auto numbers are pre-demerger

| $\begin{array}{r} \hline \text { CMP (RS) } \\ 28.3 .08 \end{array}$ |  | RECO | EPS (RS) |  |  | P/E (X) |  |  | P/BV (X) |  |  | ROE (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | FY08E | FY09E | FY10E | FY08E | FY09E | FY10E | FY08E | FY09E | FY10E | FY08E | FY09E | FY10E |
| Banks |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Andhra Bank | 77 |  | Buy | 12.6 | 14.5 | 17.1 | 6.1 | 5.3 | 4.5 | 1.1 | 0.9 | 0.8 | 18.3 | 18.8 | 19.6 |
| Axis Bank | 805 | Buy | 27.9 | 36.8 | 49.6 | 28.9 | 21.9 | 16.2 | 3.4 | 3.0 | 2.6 | 16.9 | 14.7 | 17.3 |
| Bank of Baroda | 301 | Buy | 41.6 | 46.8 | 56.4 | 7.2 | 6.4 | 5.3 | 1.1 | 1.0 | 0.9 | 16.4 | 16.2 | 17.1 |
| Bank of India | 272 | Buy | 32.4 | 40.8 | 48.2 | 8.4 | 6.7 | 5.7 | 1.7 | 1.4 | 1.2 | 23.9 | 22.8 | 22.4 |
| Canara Bank | 227 | Neutral | 37.6 | 43.2 | 46.4 | 6.0 | 5.3 | 4.9 | 1.0 | 0.9 | 0.8 | 17.8 | 17.9 | 16.9 |
| Corporation Bank | 289 | Neutral | 46.8 | 50.2 | 60.2 | 6.2 | 5.7 | 4.8 | 1.0 | 0.9 | 0.8 | 16.7 | 15.9 | 16.8 |
| Federal Bank | 224 | Buy | 22.0 | 31.4 | 36.2 | 10.2 | 7.1 | 6.2 | 1.0 | 0.9 | 0.8 | 13.9 | 13.0 | 13.6 |
| HDFC | 2,614 | Buy | 87.2 | 87.0 | 105.6 | 30.0 | 30.0 | 24.7 | 6.7 | 5.6 | 4.9 | 24.3 | 20.6 | 21.1 |
| HDFC Bank | 1,401 | Neutral | 44.6 | 61.5 | 81.3 | 31.4 | 22.8 | 17.2 | 4.2 | 3.7 | 3.2 | 17.4 | 17.2 | 19.7 |
| ICICI Bank | 835 | Buy | 35.5 | 44.6 | 56.9 | 23.5 | 18.7 | 14.7 | 2.0 | 1.8 | 1.7 | 11.0 | 10.2 | 12.0 |
| Indian Bank | 171 | Buy | 23.9 | 27.4 | 31.0 | 7.1 | 6.2 | 5.5 | 1.8 | 1.5 | 1.2 | 28.3 | 26.2 | 24.3 |
| Indian Overseas Bank | k 136 | Buy | 22.1 | 25.4 | 29.3 | 6.1 | 5.3 | 4.6 | 1.6 | 1.3 | 1.1 | 27.6 | 25.5 | 24.6 |
| J\&K Bank | 670 | Buy | 82.7 | 96.3 | 119.1 | 8.1 | 7.0 | 5.6 | 1.4 | 1.2 | 1.0 | 18.5 | 18.5 | 19.6 |
| Karnataka Bank | 203 | Buy | 18.4 | 21.2 | 24.8 | 11.1 | 9.6 | 8.2 | 1.7 | 1.5 | 1.3 | 16.8 | 16.2 | 16.6 |
| Oriental Bank | 186 | Neutral | 33.3 | 37.3 | 41.1 | 5.6 | 5.0 | 4.5 | 0.8 | 0.7 | 0.6 | 14.3 | 14.8 | 15.0 |
| Punjab National Bank | - 528 | Buy | 57.8 | 69.4 | 83.0 | 9.1 | 7.6 | 6.4 | 1.4 | 1.3 | 1.1 | 16.8 | 17.7 | 18.5 |
| State Bank | 1,680 | Buy | 104.3 | 125.4 | 150.2 | 16.1 | 13.4 | 11.2 | 2.0 | 1.8 | 1.6 | 15.6 | 14.0 | 14.9 |
| Syndicate Bank | 79 | Buy | 16.4 | 16.9 | 18.9 | 4.8 | 4.7 | 4.2 | 1.1 | 0.9 | 0.8 | 21.2 | 18.7 | 18.2 |
| Union Bank | 146 | Buy | 22.3 | 26.6 | 32.6 | 6.5 | 5.5 | 4.5 | 1.3 | 1.1 | 0.9 | 21.8 | 22.0 | 22.8 |
| Vijaya Bank | 52 | Neutral | 9.8 | 9.9 | 12.0 | 5.3 | 5.2 | 4.3 | 1.0 | 0.9 | 0.8 | 20.9 | 18.4 | 19.7 |
| Sector Aggregate |  |  |  |  |  | 15.2 | 12.6 | 10.5 | 2.6 | 2.0 | 1.7 | 16.8 | 15.6 | 16.7 |

Ready reckoner: quarterly performance

|  | CMP (RS) | RECO | SALES |  |  | Ebitda |  |  | NET PROFIT |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 28.3.08 |  | MAR. 07 | MAR. 08 | CHG. (\%) | MAR. 07 | MAR. 08 | CHG. (\%) | MAR. 07 | MAR. 08 | CHG. (\%) |
| Automobiles |  |  |  |  |  |  |  |  |  |  |  |
| Amtek Auto | 260 | Buy | 10,805 | 12,966 | 20.0 | 1,994 | 2,321 | 16.4 | 1,085 | 1,220 | 12.5 |
| Ashok Leyland | 34 | Buy | 22,910 | 24,697 | 7.8 | 2,596 | 2,650 | 2.1 | 1,692 | 1,548 | -8.5 |
| Bajaj Auto * | 2,080 | Buy | 23,136 | 23,873 | 3.2 | 3,263 | 3,510 | 7.6 | 3,208 | 3,552 | 10.7 |
| Bharat Forge | 281 | Buy | 5,161 | 6,094 | 18.1 | 1,243 | 1,461 | 17.5 | 665 | 675 | 1.6 |
| Eicher Motors | 241 | UR | 6,191 | 6,655 | 7.5 | 384 | 381 | -0.6 | 209 | 209 | 0.2 |
| Hero Honda | 701 | Buy | 26,396 | 27,589 | 4.5 | 2,767 | 3,760 | 35.9 | 2,030 | 2,538 | 25.0 |
| Mahindra \& Mahindra | 691 | Buy | 27,439 | 29,926 | 9.1 | 3,099 | 3,352 | 8.2 | 2,436 | 2,418 | -0.7 |
| Maruti Suzuki | 836 | Buy | 44,298 | 50,092 | 13.1 | 6,494 | 7,210 | 11.0 | 4,485 | 4,811 | 7.3 |
| Swaraj Mazda | 316 | Neutral | 1,651 | 1,507 | -8.7 | 119 | 117 | -1.5 | 60 | 52 | -12.6 |
| Tata Motors | 646 | Buy | 82,242 | 84,978 | 3.3 | 9,147 | 9,347 | 2.2 | 5,592 | 5,392 | -3.6 |
| TVS Motor | 36 | Neutral | 9,199 | 7,924 | -13.9 | 101 | 178 | 76.6 | 90 | 57 | -37.4 |
| Sector Aggregate |  |  | 259,427 | 276,299 | 6.5 | 31,205 | 34,287 | 9.9 | 21,551 | 22,472 | 4.3 |
| Cement |  |  |  |  |  |  |  |  |  |  |  |
| ACC | 835 | Neutral | 16,348 | 17,839 | 9.1 | 5,071 | 4,681 | -7.7 | 3,286 | 2,937 | -10.6 |
| Ambuja Cements | 124 | Buy | 14,338 | 16,433 | 14.6 | 5,631 | 5,270 | -6.4 | 3,826 | 3,587 | -6.3 |
| Birla Corporation | 197 | Buy | 4,441 | 4,561 | 2.7 | 1,524 | 1,561 | 2.4 | 1,012 | 1,011 | -0.1 |
| Grasim Industries | 2,705 | Buy | 24,938 | 27,006 | 8.3 | 6,942 | 8,453 | 21.8 | 4,488 | 5,174 | 15.3 |
| India Cements | 194 | Buy | 5,758 | 8,256 | 43.4 | 1,906 | 2,973 | 56.0 | 1,398 | 1,607 | 14.9 |
| Shree Cement | 1,007 | Buy | 3,783 | 6,246 | 65.1 | 1,513 | 2,468 | 63.2 | 40 | 1,164 | 2791.4 |
| UltraTech Cement | 781 | Buy | 14,655 | 15,670 | 6.9 | 4,085 | 4,950 | 21.2 | 2,315 | 2,801 | 21.0 |
| Sector Aggregate |  |  | 84,260 | 96,011 | 13.9 | 26,672 | 30,356 | 13.8 | 16,366 | 18,282 | 11.7 |
| Engineering |  |  |  |  |  |  |  |  |  |  |  |
| ABB | 1,196 | Neutral | 13,124 | 17,456 | 33.0 | 1,282 | 1,833 | 43.0 | 866 | 1,235 | 42.6 |
| Alstom Projects | 547 | Neutral | 4,306 | 5,630 | 30.7 | 534 | 669 | 25.2 | 368 | 441 | 20.0 |
| Bharat Electronics | 1,105 | Buy | 17,342 | 23,371 | 34.8 | 4,849 | 6,690 | 38.0 | 3,572 | 4,686 | 31.2 |
| BHEL | 2,092 | Neutral | 69,197 | 87,499 | 26.4 | 15,872 | 20,210 | 27.3 | 11,506 | 14,649 | 27.3 |
| Crompton Greaves | 288 | Neutral | 9,900 | 12,472 | 26.0 | 1,143 | 1,573 | 37.6 | 749 | 942 | 25.7 |
| Cummins India | 303 | UR | 5,049 | 6,330 | 25.4 | 823 | 887 | 7.7 | 657 | 742 | 13.0 |
| Larsen \& Toubro | 3,147 | Neutral | 62,482 | 82,133 | 31.4 | 9,718 | 13,902 | 43.0 | 7,006 | 9,158 | 30.7 |
| Siemens | 662 | Neutral | 21,352 | 28,804 | 34.9 | 1,677 | 2,301 | 37.2 | 1,081 | 1,555 | 43.9 |
| Suzlon Energy | 270 | Neutral | 29,159 | 47,377 | 62.5 | 4,954 | 8,175 | 65.0 | 3,590 | 4,839 | 34.8 |
| Thermax | 592 | Buy | 8,044 | 9,293 | 15.5 | 887 | 1,159 | 30.6 | 656 | 915 | 39.5 |
| Sector Aggregate |  |  | 239,956 | 320,364 | 33.5 | 41,740 | 57,397 | 37.5 | 30,050 | 39,162 | 30.3 |
| FMCG |  |  |  |  |  |  |  |  |  |  |  |
| Asian Paints | 1,176 | Buy | 9,589 | 11,549 | 20.4 | 1,170 | 1,532 | 31.0 | 615 | 843 | 37.1 |
| Britannia | 1,308 | Buy | 5,992 | 7,129 | 19.0 | 387 | 623 | 60.9 | 366 | 463 | 26.5 |
| Colgate | 388 | Buy | 3,433 | 3,927 | 14.4 | 536 | 646 | 20.7 | 498 | 580 | 16.4 |
| Dabur | 108 | Neutral | 5,307 | 6,245 | 17.7 | 881 | 1,039 | 18.0 | 780 | 857 | 9.9 |
| Godrej Consumer | 126 | Buy | 2,424 | 2,921 | 20.5 | 431 | 464 | 7.6 | 308 | 360 | 16.9 |
| GSK Consumer | 606 | Buy | 3,265 | 3,750 | 14.9 | 624 | 705 | 13.0 | 423 | 496 | 17.3 |
| Hind. Unilever | 242 | Neutral | 31,843 | 36,250 | 13.8 | 3,620 | 4,278 | 18.2 | 3,339 | 3,797 | 13.7 |
| пC | 206 | Buy | 34,663 | 38,733 | 11.7 | 9,303 | 10,492 | 12.8 | 6,507 | 7,372 | 13.3 |
| Marico | 67 | Buy | 3,970 | 4,765 | 20.0 | 412 | 565 | 37.2 | 309 | 368 | 19.2 |
| Nestle | 1,493 | Buy | 8,631 | 10,300 | 19.3 | 1,788 | 2,184 | 22.1 | 1,114 | 1,390 | 24.8 |
| Tata Tea | 827 | Neutral | 11,591 | 7,048 | -39.2 | 1,933 | 1,646 | -14.8 | 146 | 973 | 564.5 |
| United Spirits | 1,508 | Buy | 6,624 | 8,029 | 21.2 | 853 | 1,307 | 53.2 | 645 | 894 | 38.7 |
| Sector Aggregate |  |  | 127,333 | 140,646 | 10.5 | 21,938 | 25,481 | 16.2 | 15,050 | 18,393 | 22.2 |

Ready reckoner: quarterly performance

*Tata Steel quarter numbers does not include Corus

Ready reckoner: quarterly performance

|  | CMP (RS) | Reco | SALES |  |  | Ebitda |  |  | NET PROFIT |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 28.3.08 |  | MAR. 07 | MAR. 08 | CHG. (\%) | MAR. 07 | MAR. 08 | CHG. (\%) | MAR. 07 | MAR. 08 | CHG. (\%) |
| Pharmaceuticals (Contd.) |  |  |  |  |  |  |  |  |  |  |  |
| GSK Pharma | 1,044 | Buy | 4,203 | 4,411 | 4.9 | 1,450 | 1,501 | 3.5 | 1,113 | 1,223 | 9.9 |
| Jubiliant Organosys | 332 | Buy | 4,633 | 6,635 | 43.2 | 797 | 1,251 | 56.9 | 638 | 796 | 24.8 |
| Lupin | 483 | Buy | 5,318 | 7,509 | 41.2 | 776 | 1,250 | 61.1 | 652 | 854 | 30.8 |
| Nicholas Piramal | 301 | Buy | 6,452 | 7,600 | 17.8 | 849 | 1,419 | 67.2 | 615 | 980 | 59.4 |
| Pfizer | 661 | Neutral | 1,703 | 1,678 | -1.4 | 408 | 430 | 5.4 | 324 | 364 | 12.2 |
| Ranbaxy Labs | 439 | Buy | 15,821 | 17,488 | 10.5 | 1,908 | 2,413 | 26.5 | 1,276 | 1,038 | -18.7 |
| Shasun Chemicals | 44 | Buy | 2,328 | 2,521 | 8.3 | 114 | 268 | 135.0 | 121 | 141 | 16.1 |
| Sun Pharma | 1,251 | Buy | 5,313 | 6,812 | 28.2 | 1,545 | 2,984 | 93.1 | 2,121 | 2,282 | 7.6 |
| Wockhardt | 267 | Neutral | 5,228 | 7,945 | 52.0 | 1,159 | 1,835 | 58.3 | 552 | 799 | 44.7 |
| Sector Aggregate |  |  | 95,315 | 105,590 | 10.8 | 20,005 | 21,257 | 6.3 | 15,652 | 14,220 | -9.1 |
| Real Estate |  |  |  |  |  |  |  |  |  |  |  |
| DLF | 696 | UR | - | 39,751 |  |  | 22,237 | - |  | 18,445 |  |
| Unitech | 292 | UR | 8,487 | 14,592 | 71.9 | 5,101 | 6,073 | 19.1 | 3,571 | 4,051 | 13.5 |
| Sector Aggregate |  |  | 8,487 | 14,592 | 71.9 | 5,101 | 6,073 | 19.1 | 3,571 | 4,051 | 13.5 |
| Retailing |  |  |  |  |  |  |  |  |  |  |  |
| Pantaloon Retail | 434 | Buy | 8,610 | 14,250 | 65.5 | 603 | 1,140 | 89.1 | 187 | 359 | 91.6 |
| Shopper's Stop | 417 | Neutral | 2,149 | 2,876 | 33.8 | 152 | 174 | 14.6 | 67 | 18 | -73.3 |
| Titan Industries | 1,115 | Neutral | 5,966 | 7,643 | 28.1 | 693 | 796 | 14.9 | 475 | 542 | 14.0 |
| Sector Aggregate |  |  | 16,725 | 24,769 | 48.1 | 1,447 | 2,110 | 45.8 | 730 | 919 | 25.9 |
| Telecom |  |  |  |  |  |  |  |  |  |  |  |
| Bharti Airtel | 826 | Buy | 53,932 | 74,677 | 38.5 | 22,408 | 31,924 | 42.5 | 13,531 | 17,288 | 27.8 |
| Idea Cellular | 104 | Not Rated | 13,085 | 18,688 | 42.8 | 4,363 | 6,165 | 41.3 | 1,934 | 2,108 | 9.0 |
| Reliance Comm | 536 | Buy | 39,369 | 53,113 | 34.9 | 16,352 | 22,863 | 39.8 | 10,217 | 13,737 | 34.5 |
| Sector Aggregate |  |  | 106,386 | 146,478 | 37.7 | 43,123 | 60,951 | 41.3 | 25,682 | 33,132 | 29.0 |
| Textiles |  |  |  |  |  |  |  |  |  |  |  |
| Alok Ind | 59 | Buy | 5,741 | 6,552 | 14.1 | 1,321 | 1,509 | 14.3 | 452 | 475 | 5.0 |
| Arvind Mills | 39 | Neutral | 4,831 | 5,856 | 21.2 | 672 | 710 | 5.6 | 39 | 96 | 142.8 |
| Gokaldas Exports | 184 | Neutral | 2,766 | 3,024 | 9.4 | 367 | 309 | -15.9 | 181 | 164 | -9.5 |
| Himatsingka Seide | 64 | Neutral | 432 | 742 | 71.9 | 58 | 93 | 60.4 | 89 | 18 | -79.8 |
| Raymond | 302 | Neutral | 3,477 | 6,110 | 75.7 | 437 | 801 | 83.1 | 136 | 229 | 68.6 |
| Vardhman Textiles | 106 | Buy | 5,400 | 6,704 | 24.2 | 768 | 845 | 10.1 | 369 | 168 | -54.5 |
| Welspun Ind | 44 | Neutral | 2,485 | 3,070 | 23.6 | 352 | 367 | 4.4 | 103 | 27 | -73.8 |
| Sector Aggregate |  |  | 25,131 | 32,058 | 27.6 | 3,975 | 4,634 | 16.6 | 1,370 | 1,177 | -14.1 |
| Utilities |  |  |  |  |  |  |  |  |  |  |  |
| CESC | 411 | Neutral | 5,470 | 6,486 | 18.6 | 1,170 | 1,377 | 17.7 | 610 | 834 | 36.8 |
| NTPC | 204 | Neutral | 88,603 | 102,986 | 16.2 | 23,397 | 29,795 | 27.3 | 18,539 | 22,153 | 19.5 |
| PTC India | 101 | Buy | 6,025 | 7,219 | 19.8 | 53 | 73 | 39.5 | 58 | 61 | 5.0 |
| Reliance Energy | 1,334 | UR | 16,143 | 14,183 | -12.1 | 598 | 2,265 | 278.6 | 1,848 | 1,473 | -20.3 |
| Tata Power | 1,211 | Buy | 11,713 | 14,841 | 26.7 | 2,290 | 2,175 | -5.0 | 638 | 1,272 | 99.4 |
| Sector Aggregate |  |  | 127,954 | 145,716 | 13.9 | 27,508 | 35,685 | 29.7 | 21,693 | 25,794 | 18.9 |

UR - Under Review; * Bajaj Auto numbers are pre-demerger

Ready reckoner: quarterly performance


Information Technology

| HCL Technologies | 272 | Buy | 18,166 | 19,101 | 5.1 | 3,885 | 4,202 | 8.2 | 3,328 | 3,518 | 5.7 |
| :--- | ---: | :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Infosys | 1,526 | Buy | 42,710 | 45,590 | 6.7 | 13,920 | 14,886 | 6.9 | 12,310 | 12,842 | 4.3 |
| MphasiS | 202 | Buy | 6,323 | 6,607 | 4.5 | 1,104 | 1,153 | 4.4 | 663 | 694 | 4.8 |
| Patni Computer | 230 | Neutral | 6,862 | 7,105 | 3.5 | 1,138 | 1,234 | 8.4 | 997 | 1,140 | 14.3 |
| Satyam Computer | 408 | Buy | 21,956 | 23,379 | 6.5 | 4,712 | 5,285 | 12.2 | 4,336 | 4,779 | 10.2 |
| TCS | 870 | Buy | 59,241 | 61,853 | 4.4 | 15,789 | 16,526 | 4.7 | 13,308 | 13,571 | 2.0 |
| Tech Mahindra | 723 | Neutral | 9,704 | 10,168 | 4.8 | 2,129 | 2,308 | 8.4 | 1,994 | 2,077 | 4.1 |
| Wipro | 454 | Buy | 35,973 | 38,181 | 6.1 | 10,043 | 11,218 | 11.7 | 8,261 | 9,148 | 10.7 |
| Sector Aggre gate |  |  | $\mathbf{2 0 0 , 9 3 4}$ | $\mathbf{2 1 1 , 9 8 4}$ | 5.5 | $\mathbf{5 2 , 7 2 0}$ | $\mathbf{5 6 , 8 1 3}$ | $\mathbf{7 . 8}$ | $\mathbf{4 5 , 1 9 7}$ | $\mathbf{4 7 , 7 6 8}$ | $\mathbf{5 . 7}$ |


| CMP (RS) | RECO | NET INT INCOME |  |  | OPERATING PROFIT |  |  | NET PROFIT |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 28.3.08 |  | MAR. 07 | MAR. 08 | CHG. (\%) | MAR. 07 | MAR. 08 | CHG. (\%) | MAR. 07 | MAR. 08 | CHG. (\%) |

## Banks

| Andhra Bank | 77 | Buy | 3,879 | 3,805 | -1.9 | 2,958 | 2,527 | -14.6 | 1,388 | 1,595 |
| :--- | ---: | :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Axis Bank | 805 | Buy | 4,390 | 7,504 | 70.9 | 3,970 | 6,374 | 60.5 | 2,120 | 2,873 |
| Bank of Baroda | 301 | Buy | 10,535 | 10,340 | -1.9 | 7,440 | 7,637 | 2.7 | 2,457 | 3,605 |
| Bank of India | 272 | Buy | 9,680 | 11,263 | 16.4 | 8,952 | 9,110 | 1.8 | 4,474 | 4,504 |
| Canara Bank | 227 | Neutral | 10,585 | 9,464 | -10.6 | 10,052 | 7,607 | -24.3 | 5,043 | 4,426 |
| Corporation Bank | 289 | Neutral | 3,849 | 3,547 | -7.8 | 3,432 | 2,605 | -24.1 | 1,185 | 1,426 |
| Federal Bank | 224 | Buy | 2,239 | 2,518 | 12.5 | 2,247 | 2,046 | -9.0 | 993 | 1,115 |
| HDFC | 2,614 | Buy | 7,242 | 9,060 | 25.1 | 6,813 | 8,468 | 24.3 | 5,501 | 6,188 |
| HDFC Bank | 1,401 | Neutral | 10,545 | 15,568 | 47.6 | 7,650 | 10,671 | 39.5 | 3,436 | 4,683 |
| ICICI Bank | 835 | Buy | 16,087 | 20,396 | 26.8 | 17,881 | 20,551 | 14.9 | 8,251 | 9,278 |
| Indian Bank | 171 | Buy | 5,499 | 6,003 | 9.2 | 5,416 | 4,080 | -24.7 | 2,353 | 2,608 |
| Indian Overseas Bank | 136 | Buy | 7,682 | 7,120 | -7.3 | 5,618 | 5,369 | -4.4 | 2,898 | 3,076 |
| J\&K Bank | 670 | Buy | 2,024 | 2,203 | 8.8 | 1,631 | 1,849 | 13.4 | 453 | 1,009 |
| Karnataka Bank | 203 | Buy | 1,289 | 1,277 | -0.9 | 1,049 | 1,155 | 10.2 | 268 | 541 |
| Oriental Bank of Commerce | 186 | Neutral | 4,462 | 4,402 | -1.4 | 3,249 | 3,134 | -3.5 | 1,171 | 1,967 |
| Punjab National Bank | 528 | Buy | 13,470 | 14,466 | 7.4 | 8,824 | 9,447 | 7.1 | 2,377 | 3,185 |
| State Bank | 1,680 | Buy | 45,059 | 45,353 | 0.7 | 37,316 | 38,005 | 1.8 | 14,932 | 17,384 |
| Syndicate Bank | 79 | Buy | 6,037 | 5,036 | -16.6 | 4,736 | 3,274 | -30.9 | 1,043 | 1,346 |
| Union Bank | 146 | Buy | 8,424 | 8,174 | -3.0 | 7,198 | 6,059 | -15.8 | 2,286 | 2,622 |
| Vijaya Bank | 52 | Neutral | 2,888 | 2,453 | -15.1 | 2,039 | 1,355 | -33.5 | 637 | 829 |
| Se ctor Aggre gate |  |  | 175,866 | 189,951 | 8.0 | 148,469 | 151,324 | 1.9 | 63,264 | 74,260 |

# Automobiles 

| BSE Sensex: 16,371 | S\&P C |
| :--- | ---: |
| COMPANY NAME | PG. |
| Amtek Auto | 56 |
| Ashok Leyland | 57 |
| Bajaj Auto | 58 |
| Bharat Forge | 59 |
| Eicher Motors | 60 |
| Hero Honda | 61 |
| Mahindra \& Mahindra | 62 |
| Maruti Suzuki India | 63 |
| Swaraj Mazda | 64 |
| Tata Motors | 65 |
| TVS Motor | 64 |

We maintain our positive stance on the Automobiles sector, although threats to the sector have increased recently due to the changed macro environment. Factors such as increasing input costs and greater volatility in foreign currency exchange rates coupled with lack of traction in volumes have been areas of concern. We have factored in an average 4\% decline in earnings for major auto companies in FY09 to allow for higher input costs (steel in particular).

We retain out positive bias on the sector, influenced by the following factors:

* Despite an earnings downgrade of $4 \%$ for FY09, the sector (we have considered the core auto business of M\&M and Tata Motors) trades at attractive valuations of 14x FY09E and 12.2x FY10E earnings (considering the last traded price of Bajaj Auto prior to demerger). Auto stocks have also outperformed the benchmark indices in the recent stock market correction.
The worst phase of the volume decline and stagnation in profitability has been negotiated. The industry remains on track to achieve volume growth of 8-12\% CAGR over the long term.
* The benefits accruing from productivity improvement and cost reduction programs undertaken by the auto companies would continue to partially offset the pressures from rising input prices.
Commencement / ramping up of operations in tax-free zones like Uttaranchal would help counter cost pressures through lower tax burden. The recent excise duty cut from $16 \%$ to $12 \%$ on two/three wheelers and small cars would also help companies like Maruti Suzuki, Bajaj Auto, Hero Honda and M\&M.

| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) |
| Automobiles |  |  |  |  |  |  |  |
| Amtek Auto | Buy | 12,966 | 20.0 | 2,321 | 16.4 | 1,220 | 12.5 |
| Ashok Leyland | Buy | 24,697 | 7.8 | 2,650 | 2.1 | 1,548 | -8.5 |
| Bajaj Auto | Buy | 23,873 | 3.2 | 3,510 | 7.6 | 3,552 | 10.7 |
| Bharat Forge | Buy | 6,094 | 18.1 | 1,461 | 17.5 | 675 | 1.6 |
| Eicher Motors | UR* | 6,655 | 7.5 | 381 | -0.6 | 209 | 0.2 |
| Hero Honda | Buy | 27,589 | 4.5 | 3,760 | 35.9 | 2,538 | 25.0 |
| Mahindra \& Mahindra | Buy | 29,926 | 9.1 | 3,352 | 8.2 | 2,418 | -0.7 |
| Maruti Suzuki | Buy | 50,092 | 13.1 | 7,210 | 11.0 | 4,811 | 7.3 |
| Swaraj Mazda | Neutral | 1,507 | -8.7 | 117 | -1.5 | 52 | -12.6 |
| Tata Motors | Buy | 84,978 | 3.3 | 9,347 | 2.2 | 5,392 | -3.6 |
| TVS Motor | Neutral | 7,924 | -13.9 | 178 | 76.6 | 57 | -37.4 |
| Sector Aggregate |  | 276,299 | 6.5 | 34,287 | 9.9 | 22,472 | 4.3 |

*Under Review
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The exports market is yet to be fully tapped by Indian auto manufacturers; this segment may become a further volume growth driver for the industry.

* Recent initiatives by the Finance Minister, such as increasing the tax exemption slabs for individuals and the recommendations of the Sixth Pay Commission ( $40 \%$ increase in basic salary) are positives for the sector. These moves would increase the disposable incomes in the hands of consumers, favorably impacting demand for automobiles.


## Input costs are increasing

Prices of aluminum, rubber and copper have inched upwards on a sequential basis in 4QFY08, while zinc price has corrected, significantly.The biggest cause of concern is the rapid increase in steel price in 4QFY08.


Source: Bloomberg

## Forex fluctuation continues to have a destabilizing effect

Exchange rate fluctuation has led to concerns over export revenue realization and rising cost of imported inputs, as well as the effectiveness of the hedging practices being followed by companies.
\& The US dollar has depreciated marginally on a YoY basis, but appreciated marginally significantly on a QoQ basis. The QoQ change is positive for Bharat Forge and other auto companies that have dollar-denominated export revenues.

* The UK pound has depreciated on a YoY basis, but appreciated marginally on a QoQ basis - positive for Amtek Auto.
* The euro has appreciated, which will be positive for Amtek Auto and Bharat Forge.

* The Japanese yen has appreciated on a YoY and QoQ basis - negative for Maruti Suzuki, Hero Honda.

| HOW THE YEN HAS MOVED (RUPEES PER YEN) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $0.5 \longrightarrow$ - JPY |  |  |  |  |  |  |  |
| 0.4 |  |  |  |  |  |  |  |
| 0.3 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

## Downgrading earnings estimates to factor in cost pressures

We have downgraded our earnings estimates for FY09 and FY10 based on the following assumptions:
\& $30 \%$ of raw-material cost is impacted by higher steel prices
\& steel prices have appreciated by $20 \%$
\& auto companies will be able to sustain gains through productivity improvement and cost reduction measures to the extent of 5\% of raw material cost, annually

The resultant impact (after also considering the impact of excise duty reduction, future cost compensatory price increases, and qualitative improvement in the product portfolio) is an average $4 \%$ downgrade in our earnings estimate for FY09 and an average $3.5 \%$ downgrade in our earnings estimate for FY10.

DOWNGRADES IN OUR EARNINGS ESTIMATES

|  |  | $\%$ CHG IN EPS |
| :--- | :--- | ---: |
|  | FY09E | FY10E |
| Amtek Auto | -2.6 | -2.6 |
| Ashok Leyland | -3.0 | -2.4 |
| Bajaj Auto | -4.8 | -4.1 |
| Bharat Forge S/a EPS | -1.7 | -1.7 |
| Bharat Forge Cons EPS | -1.3 | -1.3 |
| Eicher Motors | -9.9 | -9.7 |
| Hero Honda | -3.8 | -3.7 |
| M\&M S/a EPS | -4.6 | -4.4 |
| M\&M Cons EPS | -2.4 | -2.2 |
| Maruti Suzuki | -4.8 | -3.4 |
| Swaraj Mazda | -6.9 | -3.9 |
| Tata Motors S/a EPS | -6.7 | -7.2 |
| Tata Motors Cons EPS | -5.0 | -5.3 |
| TVS Motor | -12.1 | -18.3 |

Source: Motilal Oswal Securities

## Maintain overweight stance on the sector

While we have downgraded our earnings estimates for FY09 and FY10, we maintain our overweight stance on the sector. Our positive view is supported by the following:

1. Relative outperformance of the sector and attractive valuations


## 2. Expect long-term volume CAGR of $\mathbf{8 - 1 2 \%}$

We expect the auto sector to register a volume CAGR of $8-12 \%$ over the long term, driven by sustenance of robust growth in passenger vehicles, likely turnaround in twowheeler volumes, robust LCV demand driven by the hub-and-spoke transportation model, and continuing infrastructure development leading to a revival in $\mathrm{M} \& \mathrm{HCV}$ sales.


Source: SIAMMotilal Oswal Securities

## 3. Economies of scale

Revival in volumes will also result in economies of scale for most companies over their expanded capacities. Moreover, the leading companies have successfully undertaken cost reduction and productivity improvement programs, which will help to partially offset the pressures from rising input prices.

## 4. Plants in tax-exempt regions

Auto majors like Tata Motors, Bajaj Auto, Hero Honda, Ashok Leyland, and TVSMotors have set up their plants in the tax-exempt region of Uttaranchal. All the companies barring Hero Honda (operations to commence in April 2009) have commenced their operations at these plants. As volumes are ramped up further at these tax-exempt locations, auto companies will be in even better positions to take further advantage of these tax benefits offered and thereby counter cost pressures. The recent excise duty cut from $16 \%$ to $12 \%$ on two/three wheelers and small cars will also help companies like Maruti Suzuki, Bajaj Auto, Hero Honda and M\&M.

## 5. Rising exports

The exports market is yet to be fully tapped by Indian auto manufacturers; this segment may become a further volume growth driver for the industry. Companies like Maruti, Tata Motors, $\mathbf{M \& M}$, and Bajaj Auto are in a position to further increase their exports by tapping newer destinations and increasing penetration in their existing markets.

## 6. Higher disposable incomes following recent policy initiatives

Recent initiatives by the Finance Minister, such as increasing the tax exemption slabs for individuals and the recommendations of the Sixth Pay Commission ( $40 \%$ increase in basic salary relative to July 2007 level) are positives for the sector as these moves will increase the disposable incomes in the hands of the consumers, thereby increasing the demand potential for automobiles.

## Segmental outlook

While auto volumes during the period April 2007 - February 2008 have declined by $2.9 \%$, indications of a revival in volumes are now stronger (delay of a quarter over our previous estimate), especially with interest rates remaining stable.

|  | FY08 | FY07 | \% GR. |
| :---: | :---: | :---: | :---: |
| Domestic sales |  |  |  |
| Motorcycles | 5,261,457 | 6,040,071 | (12.9) |
| Two wheelers | 6,617,445 | 7,238,743 | (8.6) |
| Three wheelers | 335,049 | 369,009 | (9.2) |
| Passenger cars | 1,166,752 | 1,036,867 | 12.5 |
| UVs | 214,778 | 193,120 | 11.2 |
| M\&HCV | 237,278 | 246,795 | (3.9) |
| LCV | 193,277 | 171,689 | 12.6 |
| Total | 8,764,579 | 9,256,223 | (5.3) |
| Export sales |  |  |  |
| Motorcycles | 704,157 | 497,643 | 41.5 |
| Two wheelers | 744,595 | 567,681 | 31.2 |
| Three wheelers | 130,666 | 134,024 | (2.5) |
| Passenger cars | 187,567 | 176,123 | 6.5 |
| UVs | 5,632 | 4,074 | 38.2 |
| M\&HCV | 19,105 | 16,456 | 16.1 |
| LCV | 32,538 | 27,106 | 20.0 |
| Total | 1,120,103 | 925,464 | 21.0 |
| Total sales |  |  |  |
| Motorcycles | 5,965,614 | 6,537,714 | (8.8) |
| Two wheelers | 7,362,040 | 7,806,424 | (5.7) |
| Three wheelers | 465,715 | 503,033 | (7.4) |
| Passenger cars | 1,354,319 | 1,212,990 | 11.7 |
| UVs | 220,410 | 197,194 | 11.8 |
| M\&HCV | 256,383 | 263,251 | (2.6) |
| LCV | 225,815 | 198,795 | 13.6 |
| Total | 9,884,682 | 10,181,687 | (2.9) |

Volume growth had weakened in 1HFY08, particularly in M\&HCVs and two-wheelers, on short-term concerns like higher interest rates, tighter financing norms, and the higher base of the previous year. With interest rates remaining stable for two-wheelers and softening in segments like CVs, coupled with discounts offered for two-wheelers and passenger vehicles in the festival season and towards the year-end, the volume outlook for CVs in particular has turned positive.

We expect sector revenues to grow $6.5 \%$ YoY in 4 QFY 08 . However, margin pressures, particularly for four-wheeler companies, would lead to sector EBITDA margins declining 20 bp QoQ (an increase of 40 bp YoY ) to $12.4 \%$.

SECTOR EBITDA MARGIN (\%)

|  | $4 Q F Y 08$ | $4 Q F Y 07$ | $3 Q F Y 08$ |
| :--- | ---: | ---: | ---: |
| Four wheeler companies | 11.7 | 11.8 | 11.9 |
| Two wheeler companies | 12.5 | 10.4 | 12.4 |
| Auto Component companies | 19.8 | 20.3 | 20.0 |
| Auto sector | $\mathbf{1 2 . 4}$ | $\mathbf{1 2 . 0}$ | $\mathbf{1 2 . 6}$ |

## \& Passenger vehicles: expect double-digit volume growth

We expect passenger vehicle volumes to be boosted by higher domestic demand, in turn driven by a growing number of high and middle income households, increasing urbanization, and steady introduction of new products. The plan to develop India into a regional automotive hub would lead to higher exports. To meet the anticipated demand, most OEMs have put in place aggressive capex plans.


Source: Industry

We remain extremely positive on Maruti Suzuki's growth prospects. We estimate 15\% CAGR in Maruti's volumes over FY07-10; aggressive model launches could result in positive surprises both in the domestic and export markets. Its successful entry into the diesel segment with the launch of Swift diesel, the replacement of Baleno with the newage SX4, and the impending launches of DZire (Esteem replacement), and Splash and AStar in the A2 segment would help Maruti to maintain its dominance in the passenger cars segment and outpace industry growth.

Over the years, Maruti has complemented its strong volume growth with robust EBITDA margins; this has been achieved even in the wake of rising input prices and occasional discounts being offered to boost volumes. The steady improvement in EBITDA margins has been achieved by the success of productivity improvement and cost reduction programs over the years. While increasing quantum of exports and higher input costs would result in
lower EBITDA margins, we expect the company to register $17 \%$ CAGR in profitability over FY07-10.


Source: Company/Motilal Oswal Securities

Our other preferred play in the passenger vehicles segment is Mahindra \& Mahindra, which has a strong presence in utility vehicles and tractors. Though new entrants have dented its market share in both the segments, the rapidly increasing market size has enabled fast growth in the company's UV sales. M\&M's subsidiary and associate companies like M\&M Financial Services, Mahindra Gesco, Tech Mahindra, Mahindra Systech, etc. also add substantially to its valuations and consolidated revenues. The expected listing of Mahindra Holidays will add further to M\&M's valuations.


Source: Company/Motilal Oswal Securities

## Recent developments

* Tata Motors has acquired the luxury brands of Jaguar and Land Rover from Ford UK. The formalities of the acquisitions will be completed in 1QFY09.
\& M\&M has announced the IPO of its subsidiary, Mahindra Holidays and Resorts India. The company is offering 10.7 m equity shares and has concluded a pre-IPO sale of 2.5 m shares in January 2008. The proceeds of the issue would be used to finance expansion of some of its existing resorts and to set up new projects. This move would result in further value unlocking for M\&M and add to its valuations.
* Maruti is investing heavily in its facilities; it will invest a further Rs90b in India over the next 8 years (previously it had set aside a corpus of Rs90b to increase its production capacities). The additional outlay will be utilized to set up R\&D facilities, a design facility, regional distribution centers, and logistics support. The company had earlier announced plans to put up an R\&D facility with an investment of Rs1.75-3.5b over the next 3-5 years.
\& M\&M' s board has approved the amalgamation of Mahindra Holdings \& Finance ( $100 \%$ subsidiary) into $\mathrm{M} \& \mathrm{M}$; the merger would be effective from 1 February 2008. All of its assets and liabilities will be transferred to and recorded by $\mathrm{M} \& \mathrm{M}$ at book value. The scheme of amalgamation will be implemented subject to approval of shareholders and other regulatory approvals.

| THE SCHEME FOR AMALGAMATION IS AS UNDER | NO. OF SHARES |
| :--- | ---: |
|  | 146.6 m |
| Existing equity share capital of MHFL | 51.3 m |
| Shares of MHFL transferred to a Trust | 95.3 m |
| Balance equity shares of MHFL to be extinguished | 12.8 m |
| No. of shares of M\&M to be issued to the Trust in the $1: 4$ swap ratio | 5 |
| Further dilution to existing equity capital of M\&M (\%) | Source: Company/Motilal Oswal Securities |

## \& CV industry: demand slackens

The M\&HCV industry growth has slackened during April 2007 - February 2008 on two main counts - the high base of the previous year and increase in cost of ownership of a vehicle owing to higher interest rates on financing in 1HFY08. With the interest rate on CV loans declining, the scenario has improved partially in 4QFY08. We expect a further improvement in FY09. LCVs have maintained robust growth even in FY08, driven by the success of the Ace.

We have a positive long-term view on the CV sector. Our view is based on structural and fundamental positives such as: strong growth in economy/industry, policy focus on infrastructure, infrastructure development, steady vehicle replacement demand, expectation of an increase in the demand for buses from STUs and private operators, substitution of three-wheelers by sub-one tonners (both in passenger and goods segments), tonnage redistribution demand (due to hub-and-spoke, restriction on entry of M\&HCVs in cities, rising penetration of consumer goods), under-achievement of overloading ban, and continued strong growth in industrial production.


NDUSTRY SALES AND GROWTH RATE FOR M\&HCVS

Source: Company/Motilal Oswal Securities

Our top pick in the sector is Tata Motors, while we also have a Buy rating on Ashok Leyland. Apart from the expected revival in M\&HCV sales, Tata Motors would also benefit from its various overseas JVs such as those with Marco Polo and Thonburi, in addition to its tie up with Fiat. Subsidiaries like Telco Construction Equipment and Tata Daewoo Commercial Vehicles would continue to add further value to the stock.



Source: Company/Motilal Oswal Securities

## Recent developments

Eicher Motors has signed a letter of intent (LoI) with M/s AB Volvo, Gothenburg, Sweden, for the formation of a joint venture company for the CV and component business. Under this JV, Eicher Motors will transfer its CV business along with its related component and design services business to the new step-down unlisted subsidiary company at an EV of US\$506m (equity: US\$418m, debt: US\$88m). Volvo will invest US\$275m in cash and its Indian truck and dealer network worth US\$75m in the JV. Additionally, Volvo is also buying $8.1 \%$ stake in Eicher Motors from the promoters. The newly formed JV will be a $54.4 \%$ subsidiary of Eicher Motors; Volvo would holdthe remaining stake. Volvo' seconomic interest in the JV would be $50 \%$ on account of its $8.1 \%$ stake in Eicher Motors.

The JV would have exclusive distribution rights in India for all present and future trucks of Volvo. However, as the CV manufacturing business of Volvo is not part of the JV, it will earn only marketing margins on the sale of Volvo branded trucks. The JV would also be able to avail of the 140 dealer network of Eicher Motors and its other service and spare part supply net work. The LoI is non-binding in nature and negotiations for final definitive agreements have to be initiated. The transaction is expected to be completed by mid-2008. We believe that this is a positive step for Eicher Motors, as it will give access to sophisticated technology from Volvo, the image of a global brand, as well as further investment from Volvo in developing the business.

## * Two-wheelers: burdened by historical success

The motorcycle segment has lost momentum in 2007 due to rising interest cost, tighter financing norms, and high base effect of the previous year. Over April 2007 - February 2008, motorcycle sales (for the industry) have declined $9 \%$, with the three majors - Hero Honda, Bajaj Auto and TVSMotor registering volume declines of $1.8 \%, 10.2 \%$ and $34.7 \%$, respectively. Sustained newlaunches planned by most auto majors wouldhelp boost flagging sales. Favorable policy decisions like lower excise duty, lower tax rates for individuals and salary hikes proposed by the Sixth Pay Commission would also have a positive impact.


NDUSTRY SALES AND GROWTH RATE FOR TWO-WHEELERS

Source: Company/Motilal Oswal Securities
We expect the two-wheeler industry to witness a turnaround in fortunes, driven by better operating performance and an improvement in the demand scenario. The inherent structural factors driving domestic two-wheeler demand are in place. Coupled with new plants in tax-exempt regions becoming operational, we expect this phase of volume growth to lead to improved profitability for the industry leaders - Hero Honda and Bajaj Auto.

A buoyant economy and rising income levels coupled with rising aspirations have increased the size of the target audience for two-wheelers. Poor public transportation necessitates the ownership of personal vehicles, and two-wheelers are both affordable and practical. Besides, a large base of aging two-wheelers and increasing desire to replace scooters/ mopeds with motorcycles (or to replace old motorcycles with new versions) is driving replacement demand.

Exports also represent a big growth opportunity for the large two-wheeler manufacturers. Being truly global-sized players, with products comparable with their Japanese counterparts both in terms of price and quality, the top three players are well positioned to capitalize on the opportunity. For Bajaj Auto, exports already constitute $22 \%$ of its two-wheeler volumes and TVS Motor exports $9.5 \%$ of its volumes.

Apart from strong volume growth, we believe that the two-wheeler companies would be able to sustain better EBITDA margins, which would be driven by lower raw-material costs, and improvements in product mix. We expect earnings growth to remain strong in 2HFY08 and FY09.


BAJ AJ AUTO: TWO-WHEELER MARKET SHARE


Source: Company/Motilal Oswal Securities

## Recent developments

Bajaj Auto's demerger process has commenced; the holding company - Bajaj Holdings and Investments has been listed. Bajaj Auto and Bajaj Finserv are expected to be listed by April-end.

## Valuation and view

After witnessing a rapid surge in auto volumes in FY07 across all segments, the volume growth turned sluggish in the first half of FY08. However, we now see signs of a turnaround in FY09. Growth has been lower on two main counts - the high base of the previous year, and more importantly, higher interest rates on financing, which led to a significant increase in the cost of ownership of a vehicle. Further, stringent financing norms for segments such as two-wheelers and tractors led to lower availability of credit as well, leading to these segments underperforming the auto industry. With interest rates softening in segments like CVs, and remaining stable for two-wheelers, the outlook for CVs in particular is turning positive.

Valuations continue to be comfortable. We reiterate our Overweight stance on the auto sector. Our top picks, Maruti Udyog, M\&M, Bajaj Auto and Tata Motors are dominant players in highly consolidated segments, where the top-two players command more than $\mathbf{5 0 \%}$ market share.

## Stock performance and valuations

|  | ABSOLUTE PERF |  | Rel perf to sensex |  | Rel perf to sector |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 M | 1 YEAR | 3 M | 1 YEAR | 3 M | 1 YEAR |
| Automobiles |  |  |  |  |  |  |
| Amtek Auto | -39 | -29 | -20 | -56 | -22 | -22 |
| Ashok Leyland | -31 | -11 | -12 | -39 | -15 | -4 |
| Bajaj Auto | -20 | -16 | -1 | -43 | -4 | -8 |
| Bharat Forge | -21 | -11 | -2 | -38 | -4 | -3 |
| Eicher Motors | -41 | -4 | -22 | -31 | -24 | 3 |
| Hero Honda | 0 | 7 | 19 | -20 | 17 | 14 |
| Mahindra \& Mahindra | -17 | -9 | 2 | -36 | 0 | -2 |
| Maruti Suzuki | -15 | 5 | 4 | -22 | 2 | 12 |
| Swaraj Mazda | -3 | -8 | 16 | -35 | 14 | 0 |
| Tata Motors | -12 | -10 | 7 | -37 | 5 | -3 |
| TVS Motor | -50 | -42 | -31 | -69 | -33 | -34 |

RELATIVE PERFORMANCE - 3 MONTH (\%)


RELATIVE PERFORMANCE - 1 YEAR (\%)


*Under Review

| STOCK INFO. BLOOMBERG <br> BSE Sensex: 16,371 AMTK IN <br>  REUTERS CODE <br> S\&P CNX: 4,942 AMTK.BO |  | 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs260 |
| Diluted Equity Sh. (m) 52-Week Range | 162.6 $526 / 228$ | $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{aligned} & \mathrm{P} / \mathrm{E} \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | ROE <br> (\%) | ROCE <br> (\%) | EV/ <br> SALES | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 1,6,12 Rel. Perf. (\%) | -5/-22/-56 | 06/07A | 39,898 | 3,909 | 24.0 | 55.7 | 10.8 | 1.6 | 18.1 | 16.0 | 1.4 | 7.9 |
| MCap (Rs b) | - 423 | 06/08E | 48,567 | 4,564 | 28.1 | 16.8 | 9.3 | 1.3 | 17.4 | 17.1 | 1.2 | 6.7 |
|  | 42.3 | 06/09E | 57,064 | 5,520 | 33.9 | 21.0 | 7.7 | 1.3 | 17.4 | 18.7 | 1.0 | 5.7 |
| M.Cap. (US\$ b) | 1.1 | 06/10E | 64,731 | 6,344 | 39.0 | 14.9 | 6.7 | 1.1 | 16.6 | 19.3 | 0.8 | 4.7 |

\& We expect Amtek Auto' s consolidated revenues to grow $20 \%$ YoY to Rs13b in 3QFY08, while consolidated adjusted PAT should grow $12.5 \%$ YoY to Rs 1.2 b .
25 EBITDA margin is likely to expand 10 bp QoQ, but decline 50bp YoY to $17.9 \%$, EBITDA should increase $16.4 \%$ YoY to Rs3b.
\& We expect Amtek Auto to report net sales of Rs48.6b in FY08 (up 21.7\%), and an adjusted PAT of Rs4.6b (up $16.8 \%$ ).

* Amtek Auto has entered into a MoU to set up a 50-50 JV with American Railcar Industries, a North American leader in railcar manufacturing. This MoU is part of Amtek Auto's strategy to diversify into transportation systems railways, aerospace, and surface transportation.
* Amtek Auto plans to raise further equity by way of preferential issue of 7 m equity shares and 15 m warrants at Rs460/share. It intends to raise Rs10.1b through this issue. The proceeds of the issue would be utilized for further acquisitions and transfer of assets from abroad to facilitate capex at plants in India.
\& Amtek Auto is the only player in India with strong presence in both forgings and castings along with machining capacity to supply finished components to global OEMs. On a fully consolidated basis, valuations of Amtek Auto are the cheapest in the auto component space. The stock trades at 9.3x FY08E consolidated EPS of Rs28.1 and 7.7x FY09E consolidated EPS of Rs33.9. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E JUNE | FY07 |  |  |  | FY08E |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4Q |  |  |
| Net Sales | 8,877 | 9,667 | 10,805 | 10,549 | 11,047 | 11,686 | 12,966 | 12,868 | 39,898 | 48,567 |
| Change (\%) | 46.5 | 39.7 | 45.6 | 44.1 | 24.4 | 20.9 | 20.0 | 22.0 | 43.9 | 21.7 |
| Total Cost | 7,275 | 7,890 | 8,812 | 8,715 | 9,103 | 9,602 | 10,645 | 10,548 | 32,692 | 39,898 |
| EBITDA | 1,602 | 1,777 | 1,994 | 1,834 | 1,944 | 2,084 | 2,321 | 2,320 | 7,206 | 8,669 |
| As \% of Sales | 18.0 | 18.4 | 18.4 | 17.4 | 17.6 | 17.8 | 17.9 | 18.0 | 18.1 | 17.9 |
| Change (\%) | 53.0 | 42.8 | 48.4 | 43.6 | 21.4 | 17.3 | 16.4 | 26.5 | 46.7 | 20.3 |
| Other Income | 151 | 178 | 203 | 366 | 319 | 298 | 250 | 212 | 898 | 1,078 |
| Interest | 171 | 199 | 211 | 251 | 228 | 257 | 225 | 212 | 832 | 922 |
| Depreciation | 330 | 339 | 368 | 421 | 460 | 509 | 515 | 526 | 1,457 | 2,010 |
| PBT | 1,252 | 1,417 | 1,618 | 1,527 | 1,575 | 1,616 | 1,831 | 1,793 | 5,815 | 6,815 |
| Tax | 293 | 343 | 409 | 441 | 412 | 430 | 476 | 454 | 1,486 | 1,772 |
| Effective Tax Rate (\%) | 23.4 | 24.2 | 25.3 | 28.9 | 26.2 | 26.6 | 26.0 | 25.3 | 25.6 | 26.0 |
| PAT | 959 | 1,074 | 1,209 | 1,086 | 1,163 | 1,187 | 1,355 | 1,339 | 4,328 | 5,043 |
| Minority Interest | 87 | 103 | 125 | 105 | 102 | 121 | 135 | 121 | 419 | 479 |
| PAT after minority interest | 872 | 971 | 1,085 | 981 | 1,061 | 1,066 | 1,220 | 1,217 | 3,909 | 4,564 |
| Change (\%) | 59.8 | 55.7 | 55.4 | 52.5 | 21.7 | 9.7 | 12.5 | 24.0 | 55.7 | 16.8 |

E: MOSt Estimates
Amit Kasat(AKasat@MotilalOswal.com);Tel:+91 223982 5411/Rohan A Korde (RohanKorde@MotilalOswal.com); Tel: + 912239825414

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 16,371 | AL IN |
|  | REUTERS CODE |
| S\&P CNX: 4,942 | ASOK.BO |
| Equity Shares (m) | $1,331.8$ |
| 52-Week Range | $58 / 26$ |
| 1,6,12 Rel. Perf. (\%) | $4 /-19 /-39$ |
| M.Cap. (Rs b) | 45.9 |
| M.Cap. (US\$ b) | 1.1 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy Rs34 |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ (\text { RS M) } \end{gathered}$ | EPS <br> (RS) | EPS GROWTH (\%) | $\begin{aligned} & \text { P/E } \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \mathrm{P} / \mathrm{BV} \mathrm{I} \\ (\mathrm{X}) \end{gathered}$ | ROE <br> (\%) | ROCE <br> (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 71,682 | 4,276 | 3.2 | 41.4 | 10.7 | 2.4 | 23.3 | 22.8 | 0.6 | 6.5 |
| 3/08E | 76,368 | 3,969 | 3.0 | -7.2 | 11.6 | 2.2 | 21.1 | 16.3 | 0.7 | 6.7 |
| 3/09E | 88,332 | 4,570 | 3.4 | 15.1 | 10.0 | 2.0 | 19.9 | 17.7 | 0.6 | 5.9 |
| 3/10E | 99,845 | 5,187 | 3.9 | 13.5 | 8.8 | 1.8 | 20.6 | 18.8 | 0.5 | 5.2 |

* We estimate a marginal volume growth of $0.6 \%$ YoY in 4QFY08. However, sales would grow7.8\% YoY to Rs24.7b, buoyed by shift in product mix towards higher tonnage vehicles and increased spare part sales.
\& Volume growth in the CV goods segment has slowed in FY08 partly due to a high base and partly due to higher interest rates adversely impacting demand. We expect M\&HCV sales to decline $3 \%$ in FY08 - while the goods segment would decline $7 \%$, the passenger segment would witness a robust $23 \%$ growth, following strong demand from STUs.

2. In 4QFY08, we expect EBITDA margin to expand 130bp QoQ, but decline 60bp YoY, resulting in an EBITDA of Rs2.65b (increase of $2.1 \% \mathrm{YoY}$ ).
\& We expect the company to register overall volume growth of $10 \%$ in FY09 and 9\% in FY10. Its focus on non-cyclical businesses such as passenger buses, spare parts, defense supplies and exports would cushion domestic business cyclicality in the long-term. It has entered into an initial agreement to form three joint ventures with Nissan Motor for the development, manufacture and distribution of LCV products. This partnership is a positive development for Ashok Leyland, as it has near-zero presence in the LCV space.
\& The stock trades at 11.6x FY08E EPS of Rs3 and 10x FY09E EPS of Rs3.4. We maintain our Buy recommendation.

| quarterly performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 O | 30 | 4 Q | 19 | 2 Q | 30 | 4QE |  |  |
| Total Volumes (nos) | 17,040 | 19,869 | 20,068 | 26,124 | 18,163 | 18,870 | 18,965 | 26,272 | 83,101 | 82,270 |
| Net Sales | 14,239 | 16,757 | 17,776 | 22,910 | 16,211 | 17,459 | 18,001 | 24,697 | 71,682 | 76,368 |
| Change (\%) | 33.9 | 34.0 | 47.8 | 32.3 | 13.9 | 4.2 | 1.3 | 7.8 | 36.6 | 6.5 |
| Total Cost | 13,026 | 15,437 | 15,907 | 20,314 | 14,665 | 15,820 | 16,313 | 22,047 | 64,685 | 68,845 |
| EBITDA | 1,213 | 1,320 | 1,869 | 2,596 | 1,546 | 1,639 | 1,688 | 2,650 | 6,997 | 7,522 |
| As a \% of Sales | 8.5 | 7.9 | 10.5 | 11.3 | 9.5 | 9.4 | 9.4 | 10.7 | 9.8 | 9.8 |
| Change (\%) | 41.4 | 10.3 | 61.0 | 20.6 | 27.5 | 24.1 | -9.7 | 2.1 | 30.3 | 7.5 |
| Non-Operating Income | 139 | 99 | 64 | 169 | 76 | 111 | 107 | 176 | 470 | 470 |
| Interest | 5 | 4 | 26 | 19 | 128 | 126 | 152 | 124 | 53 | 531 |
| Depreciation | 328 | 365 | 332 | 481 | 413 | 466 | 408 | 502 | 1,506 | 1,789 |
| PBT | 1,019 | 1,050 | 1,574 | 2,264 | 1,081 | 1,158 | 1,234 | 2,200 | 5,908 | 5,672 |
| Tax | 262 | 334 | 463 | 573 | 361 | 374 | 316 | 652 | 1,632 | 1,703 |
| Effective Tax Rate (\%) | 25.7 | 31.8 | 29.4 | 25.3 | 33.4 | 32.3 | 25.6 | 29.6 | 27.6 | 30.0 |
| Adj. PAT (before extraordinary) | ) 756 | 716 | 1,112 | 1,692 | 720 | 784 | 918 | 1,548 | 4,276 | 3,969 |
| Change (\%) | 126.1 | -10.7 | 96.5 | 28.0 | -4.8 | 9.4 | -17.4 | -8.5 | 41.4 | -7.2 |
| Extraordinary Income | 0 | 268 | 0 | 54 | 197 | 46 | 330 | 0 | 322 | 573 |
| Extraordinary Loss | 65 | 31 | 59 | 30 | 35 | 27 | 46 | 0 | 185 | 107 |
| Rep. PAT | 692 | 954 | 1,053 | 1,715 | 882 | 803 | 1,202 | 1,548 | 4,413 | 4,435 |
| Change (\%) | 7.5 | 27.1 | 93.1 | 28.5 | 27.5 | -15.8 | 14.2 | -9.7 | 34.8 | 0.5 |

## E:MOSt Estimates

Amit Kasat(AKasat@MotilalOswal.com);Tel:+91 223982 5411/Rohan A Korde (RohanKorde@MotilalOswal.com); Tel: +91 2239825414

| STOCK INFO. | BLOOMBERG |  |
| :--- | ---: | :---: |
| BSE Sensex: 16,371 | BJA IN |  |
|  | REUTERS CODE |  |
| S\&P CNX: 4,942 | BJAT.BO |  |
| Equity Shares (m) | 101.2 |  |
| 52-Week Range (Rs) | $2,880 / 1,735$ |  |
| 1,6,12 Rel.Perf.(\%) | $2 /-13 /-43$ |  |
| M.Cap. (Rs b) | 210.4 |  |
| M.Cap. (US\$ b) | 5.3 |  |

28 March 2008 Buy

| Previous Recommendation: Buy |  |  |  |  |  |  |  |  | Rs2,080 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| YEAR END | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{aligned} & \mathrm{P} / \mathrm{E} \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \mathrm{P} / \mathrm{BV} \mathrm{C} \\ (\mathrm{X}) \end{gathered}$ | ROE <br> (\%) | ROCE <br> (\%) | $\begin{gathered} \text { EVI } \\ \text { SALES } \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 95,204 | 12,869 | 127.2 | 14.6 | 16.4 | 3.8 | 23.3 | 24.6 | 1.7 | 11.4 |
| 3/08E | 93,604 | 12,915 | 127.6 | 0.4 | 16.3 | 3.3 | 20.3 | 22.2 | 1.7 | 11.5 |
| 3/09E | 107,654 | 14,555 | 143.8 | 12.7 | 14.5 | 2.9 | 19.8 | 21.5 | 1.4 | 9.6 |
| 3/10E | 119,810 | 16,269 | 160.8 | 11.8 | 12.9 | 2.5 | 19.1 | 21.3 | 1.1 | 7.7 |

Stock price mentioned above is the last closing price before demerger
\& We expect total volumes to decline $2.7 \%$ YoY in 4QFY08, marking a $7.8 \%$ volume decline in FY08. In 4Q, motorcycle volumes are expected to decrease $1.2 \%$ YoY, while three-wheeler volumes are expected to decline $9 \% \mathrm{YoY}$.
\& We expect sales to grow $3.2 \%$ YoY to Rs 23.9 b. EBITDA margin is likely to increase 60bp YoY and 20bp QoQ to $14.7 \%$. The YoY improvement in the EBITDA margin would be aided by shifting of production from the high cost Akurdi plant in FY08 and commencement of operations at the tax-exempt modern Uttaranchal plant.
\& There was a one-time cost of Rs 280 m on compensation given to dealers following the Rs4,000 price reduction on the Platina in 3QFY08, which is unlikely to be repeated in 4QFY08. This would contribute to the 20bp QoQ EBITDA margin improvement.
\& We estimate EBITDA at Rs3.5b (increase of $7.6 \% \mathrm{YoY}$ ) and adj. PAT at Rs3.55b (increase of $15.2 \% \mathrm{YoY}$ ). We expect the core business PAT to grow $5.5 \%$ YoY to Rs2.1b.

* The demerger process is underway - Bajaj Holdings and Investments is already listed, and the listing of Bajaj Auto and Bajaj Finserv in April 2008 would complete the value unlocking process. The stock trades at 16.3x FY08E predemerger EPS of Rs127.6 and 14.5x FY09E EPS of Rs143.8. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Total Volumes (nos) | 647,086 | 708,125 | 738,219 | 625,346 | 571,590 | 614,093 | 713,443 | 608,467 | 2,718,776 | 2,507,593 |
| Net Sales | 22,027 | 24,360 | 25,682 | 23,136 | 21,091 | 23,623 | 25,017 | 23,873 | 95,204 | 93,604 |
| Change (\%) | 34.8 | 30.5 | 28.4 | 6.8 | -4.2 | -3.0 | -2.6 | 3.2 | 24.2 | -1.7 |
| Total Cost | 18,408 | 20,708 | 22,046 | 19,873 | 18,338 | 19,838 | 21,380 | 20,363 | 81,034 | 79,918 |
| EBITDA | 3,619 | 3,652 | 3,636 | 3,263 | 2,754 | 3,785 | 3,637 | 3,510 | 14,170 | 13,686 |
| As \% of Sales | 16.4 | 15.0 | 14.2 | 14.1 | 13.1 | 16.0 | 14.5 | 14.7 | 14.9 | 14.6 |
| Change (\%) | 40.5 | 15.7 | 1.5 | -23.2 | -23.9 | 3.6 | 0.0 | 7.6 | 4.5 | -3.4 |
| Other Income | 946 | 1,424 | 1,609 | 1,577 | 1,027 | 1,472 | 1,787 | 1,874 | 5,556 | 6,159 |
| Interest | 7 | 20 | 2 | 24 | 1 | 14 | 19 | 23 | 53 | 56 |
| Depreciation | 481 | 492 | 472 | 458 | 490 | 487 | 493 | 502 | 1,903 | 1,973 |
| PBT | 4,076 | 4,564 | 4,771 | 4,358 | 3,290 | 4,757 | 4,911 | 4,859 | 17,770 | 17,816 |
| Tax | 1,300 | 1,250 | 1,200 | 1,151 | 1,025 | 1,315 | 1,254 | 1,307 | 4,901 | 4,902 |
| Effective Tax Rate (\%) | 31.9 | 27.4 | 25.2 | 26.4 | 31.2 | 27.6 | 25.5 | 26.9 | 27.6 | 27.5 |
| Adj. PAT | 2,776 | 3,314 | 3,571 | 3,208 | 2,265 | 3,442 | 3,656 | 3,552 | 12,869 | 12,915 |
| Change (\%) | 32.8 | 14.0 | 22.8 | -3.9 | -18.4 | 3.8 | 2.4 | 10.7 | 14.5 | 0.4 |
| Extraordinary Expenses | 116 | 139 | 123 | 125 | - | 77 | 388 | - | 498 | 466 |
| PAT | 2,660 | 3,176 | 3,452 | 3,083 | 2,265 | 3,364 | 3,268 | 3,552 | 12,371 | 12,449 |
| Change (\%) | 27.3 | 9.2 | 23.3 | -4.2 | -14.9 | 5.9 | -5.3 | 15.2 | 12.3 | 0.6 |
| Adj. PAT less Ol (Core Auto) | 2,020 | 2,175 | 2,284 | 1,946 | 1,443 | 2,264 | 2,227 | 2,053 | 8,424 | 7,987 |
| Change (\%) | 49.8 | 19.6 | 11.0 | -22.5 | -28.5 | 4.1 | -2.5 | 5.5 | 8.9 | -5.2 |

## E: MOSt Estimates

Amit Kasat (AKasat@MotilalOswal.com);Tel:+91 223982 5411/Rohan A Korde (RohanKorde@MotilalOswal.com); Tel: +91 2239825414

# Bharat Forge 

| stock info. <br> BSE Sensex: 16,371 | bloomberg BHFC IN |
| :---: | :---: |
|  |  |
|  | reuters code |
| S\&P CNX: 4,942 | BFRG.BO |
| Diluted Equity Sh. (m) | (m) 237.3 |
| 52-Week Range (Rs) | (Rs) 390/245 |
| 1,6,12 Rel.Perf.(\%) | ) 4/4/-38 |
| M.Cap. (Rs b) | 62.5 |
| M.Cap. (US\$ b) | 1.6 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs281 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | net sales (RS M) | $\begin{aligned} & \text { PAT } \\ & (\text { RS M) } \end{aligned}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | CONS. <br> EPS (RS) | $\begin{aligned} & \text { P/E } \\ & (\mathrm{X}) \end{aligned}$ | CONS. <br> P/E (X) | RoE <br> (\%) | Roce <br> (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 18,644 | 2,533 | 10.0 | 12.0 | 28.1 | 23.4 | 18.2 | 16.0 | 3.5 | 13.7 |
| 3/08E | 22,262 | 2,302 | 9.1 | 11.3 | 30.9 | 24.9 | 17.1 | 15.1 | 3.1 | 13.2 |
| 3/09E | 26,288 | 2,967 | 11.7 | 15.3 | 24.0 | 18.3 | 16.8 | 16.4 | 2.5 | 10.4 |
| 3/10E | 30,306 | 3,525 | 13.9 | 17.9 | 20.2 | 15.7 | 17.0 | 17.1 | 2.0 | 8.5 |

\& We expect standalone sales to grow $18.1 \%$ YoY to Rs6.1b, driven by $16 \%$ increase in domestic sales and $21.3 \%$ increase in exports. Wider range of products being manufactured and scaling up of European operations would help accelerate sales growth.
\& We expect EBITDA to increase $17.5 \%$ YoY to Rs1.5b, with EBITDA margin decling 10 bp YoY to $24 \%$. We estimate PAT at Rs675m (increase of $1.6 \% \mathrm{YoY}$ ).
\& On a consolidated basis, we expect the company to register sales growth of $7.1 \%$ to Rs11.9b, EBITDA margin of $16.1 \%$ and adjusted PAT growth of $4 \%$ to Rs 848 m .
8. Bharat Forge intends to make a preferential issue of convertible warrants to the promoter group, subject to shareholder approval. The company aims to raise Rs3b through this issue, which would be used to fund the ongoing capacity expansion program in the capital goods and non-auto segment.
\& The key growth drivers for the company would be a turnaround in the US CV market (expected in 2QCY08), recovery in the domestic market, beginning of serial production at Baramati in 4QFY09, marking the inflection point in non-auto foray, and the beginning of serial production at Heavy Forge Division, Pune in 1QFY10.
\& We remain positive on Bharat Forge' s 'dual shore' model and the management' s global vision. We estimate consolidated EPS at Rs11.3 for FY08 and Rs15.3 for FY09. The stock trades at 24.9x FY08E and 18.3x FY09E consolidated EPS. We maintain Buy.

| QUARTERLY PERFORMANCE (Standalone) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 10 | 2 Q | 3 Q | 4QE |  |  |
| Net Sales | 4,206 | 4,507 | 4,771 | 5,161 | 4,969 | 5,632 | 5,567 | 6,094 | 18,644 | 22,262 |
| Change (\%) | 15.7 | 19.7 | 19.5 | 17.7 | 18.1 | 25.0 | 16.7 | 18.1 | 18.2 | 19.4 |
| Total Expenses | 3,132 | 3,330 | 3,532 | 3,917 | 3,956 | 4,249 | 4,204 | 4,632 | 13,912 | 17,041 |
| EBITDA | 1,073 | 1,177 | 1,239 | 1,243 | 1,012 | 1,383 | 1,364 | 1,461 | 4,732 | 5,220 |
| As \% of Sales | 25.5 | 26.1 | 26.0 | 24.1 | 20.4 | 24.6 | 24.5 | 24.0 | 25.4 | 23.5 |
| Change (\%) | 23.3 | 21.1 | 25.6 | 18.1 | -5.7 | 17.5 | 10.1 | 17.5 | 21.9 | 10.3 |
| Other Income | 233 | 192 | 162 | 222 | 200 | 144 | 179 | 225 | 809 | 748 |
| Interest | 176 | 197 | 215 | 234 | 234 | 273 | 294 | 301 | 821 | 1,102 |
| Depreciation | 229 | 250 | 253 | 267 | 329 | 351 | 353 | 370 | 998 | 1,404 |
| Extraordinary Expenses | 101 | 0 | 0 | 22 | 0 | 0 | 23 | 0 | 124 | 23 |
| Extrordinary Income | 0 | 0 | 0 | 0 | 333 | 109 | 0 | 0 | 0 | 442 |
| PBT | 800 | 922 | 933 | 943 | 983 | 1,012 | 872 | 1,015 | 3,598 | 3,881 |
| Tax | 285 | 301 | 303 | 300 | 335 | 334 | 290 | 339 | 1,189 | 1,298 |
| Effective Tax Rate (\%) | 35.6 | 32.6 | 32.5 | 31.8 | 34.1 | 33.0 | 33.3 | 33.4 | 33.0 | 33.5 |
| PAT | 515 | 622 | 630 | 643 | 648 | 677 | 582 | 675 | 2,409 | 2,583 |
| Adj. PAT | 616 | 622 | 630 | 665 | 425 | 605 | 597 | 675 | 2,533 | 2,302 |
| Change (\%) | 29.9 | 20.1 | 18.2 | 25.5 | -31.0 | -2.8 | -5.1 | 1.6 | 23.3 | -9.1 |

E:MOSt Estimates
Amit Kasat (AKasat@MotilalOswal.com);Tel:+91 223982 5411/Rohan A Korde (RohanKorde@MotilalOswal.com); Tel: + 912239825414

# Eicher Motors 

| STOCK INFO. BLOOMBERG <br> BSE Sensex: 16,371 EIM IN <br> REUTERS CODE <br> S\&P CNX: 4,942 EICH.BO |  |
| :--- | ---: |
| Equity Shares (m) | 28.1 |
| 52-Week Range (Rs) | $599 / 222$ |
| 1,6,12 Rel. Perf. (\%) | $-6 /-37 /-31$ |
| M.Cap. (Rs b) | 6.8 |
| M.Cap. (US\$ b) | 0.2 |


| 28 March 2008 |  |  |  |  |  |  |  | Under Review |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs241 |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | Roe | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 3/07A | 19,525 | 613 | 21.8 | 21.5 | 11.0 | 1.6 | 14.8 | 15.6 | 0.3 | 4.8 |
| 3/08E | 22,145 | 645 | 23.0 | 5.3 | 10.5 | 1.5 | 14.0 | 15.5 | 0.3 | 4.6 |
| 3/09E | 24,868 | 706 | 25.1 | 9.5 | 9.6 | 1.3 | 13.7 | 15.5 | 0.2 | 3.8 |
| 3/10E | 27,440 | 804 | 28.6 | 13.8 | 8.4 | 1.2 | 13.9 | 16.0 | 0.2 | 3.0 |

\& We expect Eicher Motors' CV volumes to grow $5.1 \%$ YoY in 4QFY08 and $9 \%$ in FY08, led by the passenger and LCV goods segments, and its foray into tractor trailers. Its two-wheeler volumes have also been seeing robust growth, defying the general industry trend (16.9\% YoY growth in 4QFY08).
\& We estimate sales of Rs6.7b, EBITDA of Rs381m and PAT of Rs 209 m for the quarter. For FY08, we expect sales of Rs22.1b and PAT of Rs645m (5.3\% growth).

Eicher Motors has signed a letter of intent (LoI) with AB Volvo, to transfer its CV, component, and design services businesses to a separate JV, which would be a $54.4 \%$ subsidiary of the company. Volvo would be contributing US\$275m in cash and its distribution network worth US\$75m to this JV, while also taking $8.1 \%$ stake in Eicher Motors. Due to their strengths in different segments of the CV industry, this JV will help the two companies to offer a more complete product range, and help them to penetrate the domestic CV market better.
\& While Eicher Motors is currently a small player in the CV industry, facing margin pressures, benefits of the JV would be visible over the long-term, enabling the company to increase its presence in M\&HCVs, particularly at the expense of other fringe players. We are currently reviewing our recommendation on the stock.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3Q | 4Q | 1 Q | 2 Q | 3Q | 4QE |  |  |
| Net Sales | 3,831 | 4,565 | 4,938 | 6,191 | 4,644 | 5,369 | 5,478 | 6,655 | 19,525 | 22,145 |
| Change (\%) | -1.2 | 29.3 | 26.6 | 20.3 | 21.2 | 17.6 | 10.9 | 7.5 | 18.7 | 13.4 |
| Total Expenses | 3,649 | 4,301 | 4,612 | 5,807 | 4,381 | 5,064 | 5,176 | 6,273 | 18,369 | 20,893 |
| EBITDA | 183 | 263 | 326 | 384 | 263 | 306 | 302 | 381 | 1,156 | 1,252 |
| As a \% of Sales | 4.8 | 5.8 | 6.6 | 6.2 | 5.7 | 5.7 | 5.5 | 5.7 | 5.9 | 5.7 |
| Non-Operating Income | 73 | 73 | 52 | 70 | 53 | 83 | 63 | 78 | 267 | 277 |
| Interest | 34 | 31 | 32 | 41 | 53 | 50 | 38 | 49 | 138 | 190 |
| Gross Profit | 221 | 305 | 346 | 413 | 263 | 338 | 326 | 410 | 1,285 | 1,338 |
| Less: Depreciation | 98 | 99 | 102 | 107 | 109 | 109 | 107 | 118 | 405 | 442 |
| PBT | 123 | 206 | 244 | 306 | 155 | 230 | 220 | 292 | 879 | 896 |
| Tax | 39 | 65 | 66 | 97 | 43 | 63 | 62 | 83 | 267 | 251 |
| Effective Tax Rate (\%) | 31.7 | 31.3 | 27.0 | 31.8 | 28.0 | 27.3 | 28.3 | 28.4 | 30.3 | 28.0 |
| PAT | 84 | 142 | 178 | 209 | 111 | 167 | 158 | 209 | 613 | 645 |
| Adjusted PAT | 84 | 142 | 178 | 209 | 111 | 167 | 158 | 209 | 613 | 645 |
| Change (\%) | 2,238.9 | $N . A$. | -39.6 | -25.5 | 32.2 | 17.8 | -11.4 | 0.2 | 22.0 | 5.3 |

$\overline{\text { E: MOSt Estimates }}$

[^2]| STOCK INFO. BLOOMBERG <br> BSE Sensex: 16,371 HH IN  <br> REUTERS CODE  |  |
| :--- | ---: |
| S\&P CNX: 4,942 HROH.BO |  |
| Equity Shares (m) | 199.7 |
| 52-Week Range | $786 / 561$ |
| 1,6,12 Rel. Perf. (\%) | $2 /-1 /-20$ |
| M.Cap. (Rs b) | 139.9 |
| M.Cap. (US\$ b) | 3.5 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Previous Recommendation:Buy |  |  |  |  |  |  |  |  |  |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | ROE | ROCE | EV/ |
| END | (RS M) | (RS M) | (RS) GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 3/07A | $99,000 ~$ | 8,659 | 43.4 | -10.9 | 16.2 | 5.7 | 38.3 | 48.5 | 1.2 |
| 3/08E | 103,020 | 9,230 | 46.2 | 6.6 | 15.2 | 4.7 | 33.8 | 43.7 | 1.2 |
| 3/09E | 116,309 | 10,087 | 50.5 | 9.3 | 13.9 | 3.9 | 32.1 | 38.6 | 1.0 |
| 3/10E | 128,952 | 11,102 | 55.6 | 10.1 | 12.6 | 3.4 | 26.7 | 34.1 | 0.8 |

\& We expect total volumes to increase by $0.5 \% \mathrm{YoY}(f l a t \mathrm{QoQ})$. Volume growth for the two-wheeler industry has been subdued. We expect this to change from 1QFY09 - two-wheeler volumes would be boosted by new launches and lower acquisition cost following the reduction in excise duty rate from $16 \%$ to $12 \%$.
\& We expect net sales to grow $4.5 \%$ YoY to Rs27.6b, while operating margins are likely to increase 310 bp YoY to $13.6 \%$, resulting in an EBITDA of Rs3.8b. The YoY improvement in the margins would be on account of lower adspend (4QFY07 and 1QFY08 involved higher expenditure due to the cricket world cup). Other factors expected to contribute to margin improvement are selling of deluxe versions of bikes and lower cost of imported alloy wheels.

* The company's 150 cc bike Hunk, which was launched in 3QFY08, has seen good initial response. Its venture into the scooters segment has scaled up rapidly - scooter sales constituted $3.3 \%$ of Hero Honda's two-wheeler sales during FY08 ( $2.8 \%$ in FY07).
\& The new 0.5 m -unit plant in Uttaranchal has been completed in mid-FY08, with production likely to commence in FY09. This would help Hero Honda to avail tax benefits in FY09.
\& We expect flat volumes in FY08 and 8.6\% volume growth in FY09. The stock trades at 15.2x FY08E EPS of Rs46.2 and 13.9x FY09E EPS of Rs50.5. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3 Q | 4QE |  |  |
| Total Volumes (nos) | 832,692 | 751,967 | 896,113 | 855,984 | 802,853 | 756,633 | 893,581 | 860,549 | 3,336,756 | 3,313,616 |
| Net Sales | 23,644 | 22,300 | 26,661 | 26,396 | 24,480 | 23,521 | 27,431 | 27,589 | 99,000 | 103,020 |
| Change (\%) | 19.6 | 2.9 | 15.2 | 17.0 | 3.5 | 5.5 | 2.9 | 4.5 | 13.6 | 4.1 |
| Total Cost | 20,454 | 19,465 | 23,641 | 23,629 | 21,845 | 20,606 | 23,605 | 23,829 | 87,189 | 89,885 |
| EBITDA | 3,190 | 2,835 | 3,019 | 2,767 | 2,635 | 2,915 | 3,826 | 3,760 | 11,810 | 13,135 |
| As \% of Sales | 13.5 | 12.7 | 11.3 | 10.5 | 10.8 | 12.4 | 13.9 | 13.6 | 11.9 | 12.8 |
| Change (\%) | 9.1 | -15.0 | -20.1 | -23.3 | -17.4 | 2.8 | 26.7 | 35.9 | -13.4 | 11.2 |
| Other Income | 523 | 595 | 336 | 445 | 389 | 393 | 521 | 409 | 1,899 | 1,712 |
| Interest | -33 | -65 | -55 | -77 | -90 | -101 | -87 | -65 | -230 | -342 |
| Depreciation | 323 | 344 | 376 | 355 | 376 | 384 | 408 | 447 | 1,398 | 1,615 |
| Extraordinary Expense | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 0 | 80 | 0 |
| PBT | 3,423 | 3,151 | 3,034 | 2,854 | 2,737 | 3,024 | 4,026 | 3,787 | 12,461 | 13,573 |
| Tax | 1,045 | 991 | 943 | 904 | 839 | 980 | 1,276 | 1,249 | 3,882 | 4,343 |
| Effective Tax Rate (\%) | 30.5 | 31.5 | 31.1 | 31.7 | 30.6 | 32.4 | 31.7 | 33.0 | 31.2 | 32.0 |
| PAT | 2,377 | 2,160 | 2,092 | 1,950 | 1,898 | 2,043 | 2,750 | 2,538 | 8,579 | 9,230 |
| Adj. PAT | 2,377 | 2,160 | 2,092 | 2,030 | 1,898 | 2,043 | 2,750 | 2,538 | 8,659 | 9,230 |
| Change (\%) | 16.6 | -9.2 | -20.1 | -24.2 | -20.1 | -5.4 | 31.5 | 25.0 | -10.9 | 6.6 |

E: MOSt Estimates
Amit Kasat (AKasat@MotilalOswal.com);Tel:+91 223982 5411/Rohan A Korde (RohanKorde@MotilalOswal.com); Tel: + 912239825414

# Mahindra \& Mahindra 

| STOCK INFO. BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | MM IN |
|  | reuters code |
| S\&P CNX: 4,942 M | matm.bo |
| Diluted Eq. Shares (m) | 255.9 |
| 52-Week Range | 872/543 |
| 1,6,12 Rel.Perf.(\%) | 10/3/-36 |
| M.Cap. (Rs b) | 176.9 |
| M.Cap. (US\$ b) | 4.4 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Buy } \\ & \text { Rs691 } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year End | net sales (RS M) | $\begin{aligned} & \mathrm{S} \text { SIA PAT } \\ & (\mathrm{RS} \text { M) } \end{aligned}$ | ADJ.EPS (RS) | cons. EPS (RS) | $\begin{aligned} & \text { P/E } \\ & \left.\hline()_{1}\right) \end{aligned}$ | cons, <br> P/E (X) | ROE (\%) | Roce (\%) | $\begin{gathered} \text { EVI } \\ \text { SALES } \end{gathered}$ | $\underset{\text { EBITDA }}{\text { EVI }}$ |
| 3/07A | 99,874 | 9,198 | 35.9 | 55.1 | 19.2 | 12.6 | 25.9 | 22.3 | 1.5 | 12.1 |
| 308 E | 112,551 | 9,095 | 35.5 | 62.8 | 19.4 | 11.0 | 20.7 | 19.6 | 1.2 | 10.8 |
| $3 / 09 \mathrm{E}$ | 125,368 | 9,449 | 36.9 | 72.9 | 18.7 | 9.5 | 19.0 | 19.3 | 1.0 | 9.5 |
| 3/10E | 138,400 | 10,523 | 41.1 | 85.0 | 16.8 | 8.1 | 18.6 | 19.4 | 0.9 | 8.0 |

\& We expect M\&M to report overall volume growth of $2.5 \%$ YoY in 4 QFY 08 (excluding Logan), driven by strong growth in UVs ( $+12.74 \%$ YoY). However, three-wheelers and tractors are likely to register volume declines of $19.8 \%$ YoY and $5.5 \%$ YoY, respectively.
\& Net sales should grow $9.1 \%$ YoY to Rs29.9b. We expect margins to decline 10 bp to $11.2 \%$, resulting in $8.2 \%$ increase in EBITDA to Rs3.4b, and an adjusted PAT of Rs 2.4 b - a marginal decline of $0.7 \%$ YoY.
$\&$ In FY08, we expect M\&M to deliver $12.7 \%$ total income growth to Rs112.6b, while net profit is expected to decline marginally by $1.1 \%$ to Rs9.1b.
\& $\mathrm{M} \& \mathrm{M}^{\prime} \mathrm{s}$ board has approved the amalgamation of Mahindra Holdings \& Finance ( $100 \%$ subsidiary) into M\&M; the merger would be effective from 1 February 2008. M\&M would issue 12.8 m equity shares to the shareholders of MHFL - the swap ratio would be 1 share of M\&M for every 4 shares of MHFL. This would result in a $5 \%$ dilution of M\&M's existing equity capital.
\& M\&M enjoys market leadership in both UVs and tractors. Given the rural bias in its product mix, we expect the company to benefit significantly from the government's thrust on the development of the rural economy. The stock quotes at 11 x FY08E and 9.5 x FY09E consolidated earnings of Rs62.8 and Rs 72.9 , respectively. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4 Q | 1Q | 2Q | 3 Q | 4QE |  |  |
| Total Volumes (nos) | 62,417 | 66,649 | 73,973 | 77,727 | 70,915 | 72,203 | 79,520 | 79,707 | 280,766 | 302,345 |
| Total Income | 22,172 | 24,501 | 25,761 | 27,439 | 26,128 | 27,095 | 29,402 | 29,926 | 99,874 | 112,551 |
| Change (\%) | 22.4 | 28.0 | 17.8 | 23.2 | 17.8 | 10.6 | 14.1 | 9.1 | 22.7 | 12.7 |
| Total Cost | 19,660 | 21,209 | 22,664 | 24,340 | 23,357 | 24,170 | 26,087 | 26,574 | 87,874 | 100,188 |
| EBITDA | 2,512 | 3,292 | 3,096 | 3,099 | 2,771 | 2,925 | 3,315 | 3,352 | 12,000 | 12,363 |
| As \% of Sales | 11.3 | 13.4 | 12.0 | 11.3 | 10.6 | 10.8 | 11.3 | 11.2 | 12.0 | 11.0 |
| Change (\%) | 30.2 | 50.9 | 17.5 | 46.3 | 10.3 | -11.2 | 7.1 | 8.2 | 35.4 | 3.0 |
| Non-Operating Income | 454 | 478 | 412 | 354 | 316 | 692 | 401 | 375 | 1,698 | 1,784 |
| Extraordinary Income | 190 | 1,393 | 0 | 116 | 0 | 929 | 1,571 | 0 | 1,699 | 2,500 |
| Extraordinary Expense | 15 | 0 | 6 | 192 | 16 | 19 | 23 | 0 | 213 | 58 |
| Interest | -147 | -155 | -168 | -205 | -51 | 82 | 72 | 65 | -675 | 169 |
| Gross Profit | 3,288 | 5,318 | 3,670 | 3,582 | 3,122 | 4,444 | 5,192 | 3,663 | 15,859 | 16,420 |
| Less: Depreciation | 463 | 501 | 522 | 609 | 571 | 577 | 590 | 617 | 2,096 | 2,355 |
| PBT | 2,825 | 4,817 | 3,148 | 2,973 | 2,551 | 3,867 | 4,601 | 3,046 | 13,763 | 14,065 |
| Tax | 784 | 952 | 731 | 613 | 640 | 1,008 | 550 | 628 | 3,079 | 2,825 |
| Effective Tax Rate (\%) | 27.7 | 19.8 | 23.2 | 20.6 | 25.1 | 26.1 | 12.0 | 20.6 | 22.4 | 20.1 |
| PAT | 2,042 | 3,865 | 2,417 | 2,360 | 1,912 | 2,859 | 4,052 | 2,418 | 10,684 | 11,241 |
| Change (\%) | 40.6 | 145.9 | 3.5 | -26.5 | -6.4 | -26.0 | 67.6 | 2.4 | 24.7 | 5.2 |
| Adj PAT | 1,867 | 2,472 | 2,423 | 2,436 | 1,923 | 2,259 | 2,496 | 2,418 | 9,198 | 9,095 |
| Change (\%) | 27.2 | 55.8 | 35.3 | 49.0 | 3.0 | -8.6 | 3.0 | -0.7 | 42.0 | -1.1 |

## E: MOSt Estimates

Amit Kasat (AKasat@MotilalOswal.com);Tel:+91 223982 5411/Rohan A Korde (RohanKorde@MotilalOswal.com); Tel: + 912239825414

\left.| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | MSIL IN |
| REUTERS CODE |  |$\right]$| S\&P CNX: 4,942 | MRTI.BO |
| :--- | ---: |
| Diluted Equity Shares (m) 289.0 |  |
| 52-Week Range | $1,252 / 700$ |
| 1,6,12 Rel.Perf.(\%) | $8 /-11 /-22$ |
| M.Cap. (Rs b) | 241.6 |
| M.Cap. (US\$ b) | 6.1 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | $\begin{array}{r} \text { Buy } \\ \text { Rs836 } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | TOTAL INC. (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | ADJ. EP <br> (RS) | S EPS GROWTH (\%) | $\begin{aligned} & \mathrm{P} / \mathrm{E} \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \mathrm{P} / \mathrm{BV} \mathrm{a} \\ (\mathrm{X}) \end{gathered}$ | ROE <br> (\%) | ROCE <br> (\%) | EV/ SALES | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 149,663 | 15,574 | 53.9 | 28.5 | 15.5 | 3.5 | 22.8 | 30.2 | 1.3 | 8.7 |
| 3/08E | 185,365 | 19,142 | 66.2 | 22.9 | 12.6 | 2.8 | 22.2 | 30.1 | 1.0 | 6.9 |
| 3/09E | 219,872 | 21,134 | 73.1 | 10.4 | 11.4 | 2.3 | 20.0 | 27.5 | 0.8 | 5.9 |
| 3/10E | 261,680 | 24,727 | 85.6 | 17.0 | 9.8 | 1.9 | 19.2 | 26.6 | 0.7 | 4.9 |

\& We expect volumes to grow $5.7 \%$ YoY in 4 QFY 08 , marking the lowest quarterly volume growth since 4 QFY 08 . Sales in February were subdued due to expectations of an excise duty cut in the Union Budget and the higher base of the previous year.

* Sales should grow $13.1 \%$ YoY to Rs50b. We expect EBITDA margin to be lower by 20bp YoY and 60bp QoQ on account of discounts and promotional offers, and increase in steel prices. However, Maruti would be able to minimize the impact of higher input prices due to its ongoing cost reduction efforts, productivity improvement and increased localization, leading to higher internal efficiencies. We expect an EBITDA of Rs $7.2 \mathrm{~b}(+11 \% \mathrm{YoY}$ ) andPAT of Rs4.8b ( $+7.3 \% \mathrm{YoY}$ ).
\& Maruti is investing heavily in its facilities; it intends to invest a further Rs90b in India over the next 8 years (previously it had set aside a corpus of Rs90b to increase its production capacities). This additional outlay would be utilized to set up world class R\&D facilities, design facility, regional distribution centers, and logistics support.
$\&$ We remain positive on Maruti's growth prospects. We forecast strong volume growth over the next two years and estimate EPSat Rs66.2 for FY08 and Rs73.1 for FY09. The stock trades at 12.6x FY08E and 11.4x FY09E earnings. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  | (RS MILLION |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 O | 30 | 4 Q | 10 | 2 Q | 30 | 4QE |  |  |
| Total Volumes (nos) | 144,948 | 157,683 | 172,181 | 200,112 | 169,669 | 191,325 | 201,629 | 211,471 | 674,924 | 774,094 |
| Net Sales | 31,255 | 34,192 | 36,795 | 44,298 | 39,308 | 45,474 | 46,741 | 50,092 | 146,539 | 181,615 |
| Change (\%) | 19.0 | 12.5 | 18.2 | 34.0 | 25.8 | 33.0 | 27.0 | 13.1 | 21.2 | 23.9 |
| Other Operating Income | 602 | 612 | 783 | 1,127 | 833 | 1,105 | 853 | 960 | 3,125 | 3,750 |
| Total Cost | 26,689 | 29,376 | 31,723 | 38,931 | 33,560 | 39,496 | 40,609 | 43,842 | 126,718 | 157,507 |
| EBITDA | 5,168 | 5,428 | 5,855 | 6,494 | 6,580 | 7,083 | 6,986 | 7,210 | 22,945 | 27,858 |
| As \% of Sales | 16.2 | 15.6 | 15.6 | 14.3 | 16.4 | 15.2 | 14.7 | 14.1 | 15.3 | 15.0 |
| Change (\%) | 42.0 | 37.5 | 15.1 | 18.0 | 27.3 | 30.5 | 19.3 | 11.0 | 26.2 | 21.4 |
| Non-Operating Income | 831 | 605 | 372 | 1,065 | 1,400 | 780 | 853 | 900 | 2,873 | 3,934 |
| Interest | 33 | 31 | 157 | 156 | 151 | 140 | 144 | 164 | 376 | 599 |
| Gross Profit | 5,967 | 5,942 | 6,199 | 7,404 | 7,829 | 7,722 | 7,695 | 7,946 | 25,511 | 31,193 |
| Less: Depreciation | 641 | 596 | 759 | 718 | 822 | 881 | 867 | 880 | 2,714 | 3,451 |
| PBT | 5,326 | 5,346 | 5,440 | 6,686 | 7,007 | 6,841 | 6,828 | 7,066 | 22,797 | 27,742 |
| Tax | 1,630 | 1,672 | 1,676 | 2,201 | 2,011 | 2,176 | 2,158 | 2,255 | 7,178 | 8,600 |
| Effective Tax Rate (\%) | 30.6 | 31.3 | 30.8 | 32.9 | 28.7 | 31.8 | 31.6 | 31.9 | 31.5 | 31.0 |
| PAT | 3,696 | 3,674 | 3,764 | 4,485 | 4,996 | 4,665 | 4,670 | 4,811 | 15,619 | 19,142 |
| Adjusted PAT | 3,696 | 3,713 | 3,680 | 4,485 | 4,996 | 4,665 | 4,670 | 4,811 | 15,574 | 19,142 |
| Change (\%) | 63.2 | 49.7 | 8.6 | 12.6 | 35.2 | 25.6 | 26.9 | 7.3 | 31.4 | 22.9 |

$\overline{\text { E: MOSt Estimates }}$
Amit Kasat(AKasat@MotilalOswal.com);Tel:+91 223982 5411/Rohan A Korde (RohanKorde@MotilalOswal.com); Tel: + 912239825414

# Swaraj Mazda 



| 28 March 2008 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs316 |
| YEAR | net sales | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 3/07E | 6,034 | 161 | 15.3 | -3.6 | 20.6 | 4.4 | 21.3 | 17.6 | 0.7 | 11.8 |
| 3/08E | 6,472 | 237 | 22.6 | 47.5 | 14.0 | 3.6 | 25.8 | 23.3 | 0.7 | 8.5 |
| 3/09E | 7,067 | 269 | 25.7 | 13.5 | 12.3 | 3.0 | 24.4 | 23.5 | 0.6 | 7.6 |
| 3/10E | 7,648 | 300 | 28.6 | 11.4 | 11.1 | 2.5 | 22.7 | 23.3 | 0.5 | 6.8 |

\& We expect overall volumes to decline $10.7 \%$ YoY in 4QFY08, negatively impacted by the slowdown in CV sales. Net sales would decline $8.7 \%$ YoY to Rs1.5b.
\& We expect EBITDA margins to expand 190bp in FY08 to $7.8 \%$. We estimate PAT at Rs 237 m for FY08.
\& Swaraj is increasing its production capacity from 12,000 units a year to 36,000 units per year over the next 2-3 years.
\& We estimate EPS at Rs22.6 for FY08 and at Rs25.7 for FY09.
\& Currently, Swaraj is facing pressure on its operating margins. It is also incurring huge capex over the next 2-3 years. We expect margin and capex pressures to affect profitability. Our recommendation is Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3Q | 4Q | 1 Q | 2QE | 3 Q | 4QE |  |  |
| Total Volumes (nos) | 2,201 | 3,101 | 2,730 | 2,827 | 2,685 | 2,923 | 3,052 | 2,525 | 10,859 | 11,185 |
| Net Sales | 1,181 | 1,710 | 1,492 | 1,651 | 1,530 | 1,772 | 1,663 | 1,507 | 6,034 | 6,472 |
| Change (\%) | -20.0 | 15.2 | -6.2 | 5.0 | 29.6 | 3.6 | 11.5 | -8.7 | -1.4 | 7.3 |
| Total Cost | 1,150 | 1,612 | 1,385 | 1,533 | 1,404 | 1,646 | 1,530 | 1,390 | 5,680 | 5,970 |
| EBITDA | 31 | 98 | 107 | 119 | 126 | 126 | 133 | 117 | 355 | 502 |
| As \% of Sales | 2.6 | 5.7 | 7.2 | 7.2 | 8.2 | 7.1 | 8.0 | 7.7 | 5.9 | 7.8 |
| Change (\%) | -74.4 | -6.7 | 37.2 | 142.3 | 306.5 | 28.6 | 24.3 | -1.5 | 2.7 | 41.5 |
| Interest | 19 | 24 | 25 | 25 | 30 | 26 | 29 | 29 | 93 | 114 |
| Gross Profit | 12 | 74 | 82 | 93 | 96 | 100 | 104 | 87 | 261 | 387 |
| Depreciation | 6 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 29 | 33 |
| PBT | 6 | 67 | 74 | 85 | 88 | 92 | 96 | 78 | 232 | 354 |
| Tax | 4 | 18 | 24 | 25 | 28 | 30 | 33 | 26 | 71 | 117 |
| Tax Rate (\%) | 70.0 | 26.6 | 32.4 | 29.7 | 31.8 | 32.6 | 34.4 | 33.1 | 30.7 | 33.0 |
| PAT | 2 | 49 | 50 | 60 | 60 | 62 | 63 | 52 | 161 | 237 |
| Adj. PAT | 2 | 49 | 50 | 60 | 60 | 62 | 63 | 52 | 161 | 237 |
| Change (\%) | -97.3 | -10.5 | 47.1 | 407.6 | 3233.3 | 26.0 | 26.0 | -12.6 | -3.5 | 47.5 |

E: MOSt Estimates

[^3]| STOCK INFO. | BLOOMBERG |  |
| :--- | ---: | :---: |
| BSE Sensex: 16,371 | TTMT IN |  |
|  | REUTERS CODE |  |
| S\&P CNX: 4,942 | TAMO.BO |  |
| Diluted Eq.Shares (m) |  |  |
| 52-Week Range | 407.2 |  |
| 1,6,12 Rel. Perf. (\%) | $-1 /-12 /-370 / 535$ |  |
| M.Cap. (Rs b) | 263.0 |  |
| M.Cap. (US\$ b) | 6.6 |  |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs646 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| Year | Sales | SAA PAT | ADJ |  | P/E | cons. | ROE | Roce | Ev/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | EPS (RS) | ratio | PIE (X) | (\%) | (\%) | SALES | Ebitda |
| 3/07A | 274,048 | 18,963 | 46.6 | 52.9 | 13.9 | 12.2 | 27.6 | 27.1 | 0.9 | 7.8 |
| 3/08E | 282,797 | 16,090 | 39.5 | 51.9 | 16.3 | 12.4 | 20.5 | 21.1 | 0.9 | 8.9 |
| 3/09E | 324,557 | 16,938 | 41.6 | 56.6 | 15.5 | 11.4 | 19.3 | 20.3 | 0.8 | 8.5 |
| 3/10E | 379,733 | 18,952 | 46.5 | 63.8 | 13.9 | 10.1 | 19.3 | 20.9 | 0.7 | 7.7 |

\& We expect Tata Motors to post $0.4 \%$ volume growth in 4QFY08. While M\&HCV volumes would decline $2.2 \%$ YoY and car volumes would fall $13.1 \%$ YoY, UV volumes would grow $4.9 \%$ YoY and LCV volumes would increase $20.9 \%$ YoY.
\& We estimate sales at Rs85b (up $3.3 \% \mathrm{YoY}$ ) and EBITDA at Rs9.3b (increase of $2.2 \% \mathrm{YoY}$ ), with EBITDA margin decline of 10 bp YoY and 30 bp QoQ to $11 \%$. This would result in the adjusted PAT declining $3.6 \%$ YoY to Rs5.4b.
\& The company plans capex of Rs120b over the next four years - Rs80b would be spent on new four-wheelers and the balance on maintenance capex. Around Rs75b would be from internal accruals and balance would be raised in international/domestic markets. The company has announced its intention to raise US\$450m, which would result in further equity dilution of $4.4 \%$.
\& Tata Motors is acquiring Land Rover and Jaguar from Ford, UK at a reported cost of US\$2.3b. To finance this acquisition and the company's capex plans, it has tied up financing of US\$3b.
25 We estimate consolidated EPS at Rs51.9 for FY08 and Rs56.6 for FY09. The stock trades at 12.4x FY08E and 11.4x FY09E consolidated earnings. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3 Q | 4 Q | 1Q | 2Q | 3 Q | 4QE |  |  |
| Total Volumes (nos) | 126,031 | 139,344 | 141,561 | 172,442 | 127,487 | 135,463 | 143,979 | 173,211 | 579,378 | 580,140 |
| Total Income | 57,835 | 65,718 | 68,252 | 82,242 | 60,568 | 64,733 | 72,518 | 84,978 | 274,048 | 282,797 |
| Change (\%) | 49.1 | 37.4 | 34.5 | 19.7 | 4.7 | -1.5 | 6.3 | 3.3 | 33.0 | 3.2 |
| Total Cost | 50,329 | 57,939 | 59,816 | 73,096 | 55,105 | 58,780 | 64,321 | 75,631 | 241,180 | 253,837 |
| EBITDA | 7,506 | 7,779 | 8,436 | 9,147 | 5,463 | 5,953 | 8,197 | 9,347 | 32,868 | 28,960 |
| As \% of Sales | 13.0 | 11.8 | 12.4 | 11.1 | 9.0 | 9.2 | 11.3 | 11.0 | 12.0 | 10.2 |
| Change (\%) | 58.6 | 30.6 | 27.7 | 4.9 | -27.2 | -23.5 | -2.8 | 2.2 | 26.4 | -11.9 |
| Non-Operating Income | 859 | 848 | 143 | 601 | 863 | 707 | 268 | 628 | 2,452 | 2,466 |
| Forex Gain / (Loss) | -783 | 254 | 1,316 | 518 | 2,059 | 309 | 275 | 0 | 1,305 | 2,643 |
| Extraordinary Income | 0 | 0 | 0 | 0 | 20 | 1,994 | 650 | 0 | 0 | 2,664 |
| Interest | 726 | 956 | 852 | 597 | 816 | 965 | 918 | 916 | 3,131 | 3,614 |
| Gross Profit | 6,614 | 7,610 | 8,809 | 9,412 | 7,589 | 7,997 | 8,473 | 9,059 | 32,445 | 33,118 |
| Depreciation \& Amort. | 1,411 | 1,435 | 1,435 | 1,582 | 1,475 | 1,597 | 1,675 | 1,722 | 5,863 | 6,469 |
| Product Dev. Expenses | 103 | 175 | 287 | 285 | 193 | 188 | 147 | 237 | 850 | 765 |
| PBT | 5,100 | 5,999 | 7,087 | 7,545 | 5,921 | 6,212 | 6,651 | 7,099 | 25,732 | 25,884 |
| Tax | 1,282 | 1,582 | 1,956 | 1,778 | 1,254 | 944 | 1,661 | 1,707 | 6,597 | 5,565 |
| Effective Tax Rate (\%) | 25.1 | 26.4 | 27.6 | 23.6 | 21.2 | 15.2 | 25.0 | 24.0 | 25.6 | 21.5 |
| PAT | 3,819 | 4,417 | 5,132 | 5,767 | 4,668 | 5,268 | 4,991 | 5,392 | 19,135 | 20,319 |
| Adj PAT | 4,505 | 4,459 | 4,407 | 5,592 | 3,275 | 3,267 | 4,156 | 5,392 | 18,963 | 16,090 |
| Change (\%) | 70.9 | 26.8 | 17.3 | 27.5 | -27.3 | -26.7 | -5.7 | -3.6 | 39.7 | -15.1 |

$\overline{\text { E: MOSt Estimates }}$
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| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | TVSL IN |
| REUTERS CODE |  |
| S\&P CNX: 4,942 | T VSM.BO |
| Equity Shares (m) | 237.5 |
|  | $79 / 31$ |
| 1,6,12 Rel. Perf. (\%) | $-9 /-43 /-69$ |
| M.Cap. (Rs b) | 8.6 |
| M.Cap. (US\$ b) | 0.2 |

28 March 2008

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs36 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| year | net sales | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | GRowTH (\%) | (X) | (X) | (\%) | (\%) | SALES | ebitda |
| 3/07A | 38,550 | 666 | 2.8 | -37.9 | 12.9 | 1.1 | 8.2 | 7.7 | 0.3 | 7.7 |
| 3/08E | 32,741 | 144 | 0.6 | -78.3 | 59.3 | 1.0 | 1.8 | 3.5 | 0.3 | 15.2 |
| 3/09E | 37,283 | 539 | 2.3 | 273.6 | 15.9 | 1.0 | 6.4 | 6.5 | 0.3 | 8.1 |
| 3/10E | 40,413 | 630 | 2.7 | 16.8 | 13.6 | 1.0 | 7.3 | 7.2 | 0.3 | 7.0 |

2. We estimate overall volume decline of $13.9 \%$ YoY in 4QFY08, with motorcycle volumes declining $28.7 \%$ YoY and scooter volumes declining $7.2 \%$ YoY. Moped volumes are expected to be robust, increasing $12.5 \%$ YoY. Sales of mopeds and scooters are less dependent on financing than motorcycles.
3. We expect sales to decline $13.9 \%$ YoY to Rs 7.9 b and estimate EBITDA margin at $2.2 \%$, resulting in an EBITDA of Rs 178 m . Net profit would decline $37.4 \%$ YoY to Rs57m. The management had guided that margins would ease in 2HFY08, but a sustained slump in volumes further augmented by a delay in key launches like the three-wheeler and new 125 cc bike Flame have exacerbated the situation.
\& TVSMotor's volumes have been negatively impacted by the aggressive strategies adopted by Hero Honda and Bajaj Auto. The company is attempting to put in place a strong product portfolio that could drive growth, going forward. Entry in the three-wheeler segment would help diversify revenues over a period of time. However, we believe that operating performance remains an area of concern.
\& We expect TVSMotor to report an EPS of Rs2.3 in FY09 and Rs2.7 in FY10. The stock trades at 15.9x FY09E EPS and $13.6 x$ FY10E EPS. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Total Volumes (nos) | 375,496 | 419,195 | 363,670 | 369,853 | 320,161 | 322,996 | 339,956 | 318,395 | 1,528,214 | 1,301,508 |
| Net Sales | 9,218 | 10,779 | 9,354 | 9,199 | 7,833 | 8,234 | 8,750 | 7,924 | 38,550 | 32,741 |
| Change (\%) | 25.4 | 36.6 | 7.3 | 9.6 | -15.0 | -23.6 | -6.5 | -13.9 | 19.2 | -15.1 |
| Total Cost | 8,802 | 10,219 | 9,058 | 9,098 | 7,642 | 8,036 | 8,600 | 7,746 | 37,177 | 32,023 |
| EBITDA | 416 | 560 | 296 | 101 | 191 | 199 | 150 | 178 | 1,373 | 718 |
| As \% of Sales | 4.5 | 5.2 | 3.2 | 1.1 | 2.4 | 2.4 | 1.7 | 2.2 | 3.6 | 2.2 |
| Change (\%) | -16.3 | 21.9 | -51.2 | -79.1 | -54.0 | -64.5 | -49.3 | 76.6 | -32.9 | -47.7 |
| Other Income | 178 | 109 | 176 | 270 | 182 | 179 | 211 | 223 | 732 | 795 |
| Interest | 60 | 62 | 86 | 113 | 98 | 70 | 85 | 95 | 321 | 348 |
| Depreciation | 233 | 244 | 245 | 154 | 239 | 240 | 240 | 237 | 876 | 956 |
| Extraordinary Gain / (Expense) | 0 | 0 | 0 | 0 | 72 | 102 | 36 | 0 | 0 | 210 |
| PBT | 301 | 363 | 141 | 103 | 109 | 169 | 72 | 69 | 909 | 419 |
| Tax | 89 | 114 | 27 | 13 | 34 | 50 | 14 | 12 | 243 | 110 |
| Effective Tax Rate (\%) | 29.5 | 31.5 | 18.8 | 12.6 | 30.8 | 29.6 | 19.3 | 17.7 | 26.7 | 26.1 |
| PAT | 213 | 248 | 115 | 90 | 75 | 119 | 58 | 57 | 666 | 310 |
| Change (\%) | -14.6 | -22.3 | -63.1 | -68.9 | -64.5 | -52.0 | -49.1 | -37.4 | -43.1 | -53.5 |
| Adj.PAT | 213 | 248 | 115 | 90 | 10 | 51 | 26 | 57 | 666 | 144 |
| Change (\%) | -14.6 | 11.6 | -63.1 | -68.9 | -95.1 | -79.5 | -77.6 | -37.4 | -37.9 | -78.3 |

## E: MOSt Estimates

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| BSE Sensex: 16,371 | S\&P |
| :--- | :---: |
|  |  |
| COMPANY NAME | 75 |
| Andhra Bank | 76 |
| Axis Bank | 77 |
| Bank of Baroda | 78 |
| Bank of India | 79 |
| Canara Bank | 80 |
| Corporation Bank | 81 |
| HDFC | 82 |
| HDFC Bank | 83 |
| Federal Bank | 84 |
| ICICI Bank | 85 |
| Indian Bank | 86 |
| Indian Overseas Bank | 87 |
| J\&K Bank | 88 |
| Karnataka Bank | 89 |
| Oriental Bank | 90 |
| Punjab National Bank | 91 |
| State Bank | 92 |
| Syndicate Bank | 94 |
| Union Bank | 9 Vijaya Bank |

In 4QFY08 (as at 14 March 2008), non-food credit grew ~7\% QoQ and ~22.5\% YoY to Rs22.3t. Slowing demand for housing loans and lower than anticipated credit demand from corporates has led to moderation in credit growth.

Deposits grew ~23\% YoY and 5\% QoQ to Rs30.7t on the back of higher interest rates offered by the banks. There was increased competitive pressure to raise deposits in 1HFY08, as banks were anticipating a pick-up in credit and they also wanted to reduce the proportion of high cost bulk deposits towards the end of the year. In FY08, the C/D ratio declined marginally to $73.9 \%$ from $74.1 \%$ recorded in FY 07 . However, incremental $\mathrm{C} / \mathrm{D}$ ratio has been more than $100 \%$ during 4 QFY 08 .

Lending yields have peaked for most banks and increase in yields from 3QFY08 levels would be marginal, if any. SBI and many large banks (excluding ICICI Bank) have reduced PLR by $25-50 \mathrm{bp}$ during the quarter to boost credit demand. Reduction in PLR was contrary to our expectation and given the current inflationary concerns in the economy, there is a high probability of interest rates rising. While liquidity crunch during 4QFY08 has heated up interest rates in the bulk market, the severity is significantly lower compared to last year. Downward re-pricing of these deposits in 4QFY08 would lower cost of funds for banks like ICICI Bank, Canara Bank, OBC, Andhra Bank, etc in FY09.

| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | NET INTEREST |  | OPERATING PROFIT |  | NET PROFIT |  |
|  |  | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) |
| Banks |  |  |  |  |  |  |  |
| Andhra Bank | Buy | 3,805 | -1.9 | 2,527 | -14.6 | 1,595 | 14.9 |
| Axis Bank | Buy | 7,504 | 70.9 | 6,374 | 60.5 | 2,873 | 35.5 |
| Bank of Baroda | Buy | 10,340 | -1.9 | 7,637 | 2.7 | 3,605 | 46.7 |
| Bank of India | Buy | 11,263 | 16.4 | 9,110 | 1.8 | 4,504 | 0.7 |
| Canara Bank | Neutral | 9,464 | -10.6 | 7,607 | -24.3 | 4,426 | -12.2 |
| Corporation Bank | Neutral | 3,547 | -7.8 | 2,605 | -24.1 | 1,426 | 20.3 |
| Federal Bank | Buy | 2,518 | 12.5 | 2,046 | -9.0 | 1,115 | 12.4 |
| HDFC | Buy | 9,060 | 25.1 | 8,468 | 24.3 | 6,188 | 12.5 |
| HDFC Bank | Neutral | 15,568 | 47.6 | 10,671 | 39.5 | 4,683 | 36.3 |
| ICICI Bank | Buy | 20,396 | 26.8 | 20,551 | 14.9 | 9,278 | 12.4 |
| Indian Bank | Buy | 6,003 | 9.2 | 4,080 | -24.7 | 2,608 | 10.8 |
| Indian Overseas Bank | Buy | 7,120 | -7.3 | 5,369 | -4.4 | 3,076 | 6.2 |
| J\&K Bank | Buy | 2,203 | 8.8 | 1,849 | 13.4 | 1,009 | 122.9 |
| Karnataka Bank | Buy | 1,277 | -0.9 | 1,155 | 10.2 | 541 | 102.1 |
| Oriental Bank | Neutral | 4,402 | -1.4 | 3,134 | -3.5 | 1,967 | 67.9 |
| Punjab National Bank | Buy | 14,466 | 7.4 | 9,447 | 7.1 | 3,185 | 34.0 |
| State Bank | Buy | 45,353 | 0.7 | 38,005 | 1.8 | 17,384 | 16.4 |
| Syndicate Bank | Buy | 5,036 | -16.6 | 3,274 | -30.9 | 1,346 | 29.1 |
| Union Bank | Buy | 8,174 | -3.0 | 6,059 | -15.8 | 2,622 | 14.7 |
| Vijaya Bank | Neutral | 2,453 | -15.1 | 1,355 | -33.5 | 829 | 30.2 |
| Sector Aggregate |  | 189,951 | 8.0 | 151,324 | 1.9 | 74,260 | 17.4 |

[^4]We expect most banks to sustain their margins on a QoQ basis. On a YoY basis, NII growth would remain subdued due absence of one-time CRR interest accounted in 4QFY07. Treasury profits (especially equities) are likely to remain lower (some banks may have to make MTM provisions); recoveries are likely to be strong for most banks. Asset quality would continue to improve; provisioning requirements would be lower.

In 4QFY08 (during the period 31 December 2007-26 March 2008), the Bankex declined $27 \%$. The sharp correction in bank stocks was led by uncertainties and concerns on account of: (1) farmer loan waiver announced by the FM, (2) large derivatives exposure by private banks on behalf of clients, (3) MTM provisions on international investments, and (4) mounting inflation and slowing industrial/manufacturing activity.

Valuations for state-owned banks are at $0.8-1.2 x$ FY10E BV, with RoE of 15-26\%. Private banks, being growth plays, continue to trade at $2-3.5 \mathrm{x}$ FY10E BV. We prefer selective buying, with a preference for banks with high earnings visibility. We like HDFC, ICICI Bank and Axis Bank among private players. We like Union Bank of India, Bank of India and Indian Bank among the state-owned banks.

## Credit growth shows moderation

Credit growth continued to show moderation in 4QFY08 as against the expectation of a pick-up in the quarter. A distinct slowdown in retail loan growth led by housing finance, and lower growth in corporate advances has been the key reason for moderation in credit growth. Higher interest rates along with higher property prices are making housing unaffordable and consumers are postponing their buying decisions. Increased interest rates have also led to lower demand for corporate loans. Non-food credit has grown by $7.1 \%$ QoQ and 22.4\% YoY.


Source: Industry/Motilal Oswal Securities

We believe that lending yields have peaked for most of the banks and improvement in yields from 3QFY08 levels would be marginal, if any. SBI and many large banks (excluding ICICI Bank) have reduced PLR by $25-50 \mathrm{bp}$ in 4 QFY08 to boost credit demand. We believe that reduction in PLR without corresponding cut in deposit rates (especially for SBI) would maintain downward pressure on margins in 1HFY09.

## Deposit growth remain higher than advances growth

Deposits grew $\sim 23 \%$ YoY and 5\% QoQ to Rs30.7t on the back of higher interest rates offered by the banks. There was increased competitive pressure to raise deposits in 4QFY08, as banks were anticipating a pick-up in credit and they also wanted to reduce the proportion of high cost bulk deposits towards the end of the year. In FY08, the CID ratio declined marginally to $73.9 \%$ from $74.1 \%$ recorded in FY07. However, incremental C/D ratio has been more than $100 \%$ during 4 QFY08.


Source: Industry/Motilal Oswal Securities

## Banks have reduced PLR too early, likely pressure on margins

SBI announced a total 50bp cut in PLR in two tranches of 25bp each in February 2008. The decision to lower lending rates was to increase credit volume during 4QFY08. SBI's move to reduce lending rates was followed by most of the large state-owned banks like Canara Bank, PNB, BoI and BoB. Except Axis Bank, private banks have not reduced their PLR so far. HDFC passed on the benefit of its lower cost of funds during 2HFY08 to customers by reducing its lending rates by 25 bp .

The PLR cut in February came as a negative surprise for us. With inflationary conditions in the economy worsening, there is now a probability of interest rates actually rising. The PLR cut would imply that sustained improvement in yields over several previous quarters would stall or may be marginal, going forward. Since $>50 \%$ of advances of state-owned banks are sub-PLR, we believe they would reduce the discounts to PLR to counter the effect of decrease in PLR. Thus, we do not see yields dropping significantly.

## Re-pricing of bulk deposits could reduce cost of funds

Banks have reduced the excessive bulk deposits raised in 4QFY07 considerably during 4QFY08 with the help of core retail term deposits. However, banks like Canara Bank, ICICI Bank, Andhra Bank, and OBC still hold large chunks of bulk deposits maturing in March 2008. With decline in credit offtake and strong growth in core term deposits, bankers are likely to repay some bulk deposits in 4QFY08. Also, a $50-100 \mathrm{bp}$ decline in interest rate on bulk deposits during 4QFY08 is likely to reduce the cost of funds for banks. Downward re-pricing of these deposits during the quarter would lower the cost of funds for banks like Canara Bank, Andhra Bank, ICICI Bank, etc in FY09.


Source: Industry/Motilal Oswal Securities

## Margins likely to remain at 3QFY08 levels

We have been concerned about the pace at which the funding costs for banks are increasing. Deposit growth continues to be higher than credit growth. This had led banks to park surplus liquidity in short-term government paper, where yields are over 200bp lower than yields on advances. This led to margin squeeze for most of the banks during 9MFY08; but this was compensated by higher investment income through dividend and treasury profits.

Excessive liquidity built up in 1HFY08 has helped most banks to repay some of their bulk deposits in 2HFY08. Repayment / downward re-pricing of high cost bulk deposits would lower incremental cost of funds for banks, the effect of which would be seen from 1QFY09. We believe that lending yields have peaked for most banks and improvement in yields from 3QFY08 levels would be marginal, if any. We expect most banks' margins to be stable QoQ but lower YoY. Going forward, we expect margins to remain stable (at FY08 levels), with a downward bias during FY09.

## While operating profit growth would be subdued...

Sustained pressure on NIM on the back of moderating credit growth and high deposit mobilization is likely to keep NII growth under pressure. In 4QFY07, banks had received one-time income of interest on CRR balance with RBI for 9 months; the absence of this would contribute to muted NII growth (YoY) during the quarter.

Most banks would show $25 \%+$ growth in their fee-based income. Treasury income is likely to fall sequentially in 4 QFY08 due to subdued equity markets. NPA recoveries are expected to be strong for almost all state-owned banks. However, overall operating profit is likely to remain under pressure due to muted NII growth and lower treasury gains.

## ...net profit growth would be moderate

Strong asset quality would keep NPA provisions lower (except for the new private banks and PNB). Banks (mainly private banks) had to take a hit on their profitability in 4QFY07 for increased provision requirement (from $1 \%$ to $2 \%$ ) for certain asset classes like credit cards, personal loans, etc. Banks like OBC and Canara Bank had taken large MTM provisions on their investment book during 4QFY07, which would be lower in 4QFY08. We expect overall provisions to remain low for the sector. However, uncertainties persist over the quantum of provisions towards MTM losses on overseas credit derivatives, forex losses for private banks. We have built in higher provisions for these aspects in our estimates for private banks. We expect net profit to show moderate growth of $15-20 \%$ for most banks on account of lower provision requirements. We expect HDFC Bank, Axis Bank, BoB and BoI to report strong earnings growth of $30 \%+$ YoY during 4QFY08.

## Bankex plummeted amidst uncertainties in 4QFY08

In 4QFY08 (during the period 31 December 2007-26 March 2008), the Bankex declined $27 \%$. The sharp correction in bank stocks was led by uncertainties and concerns on account of: (1) scheme of loan waiver for farmers announced in Budget 2008-09, (2) large derivatives exposure by private banks on behalf of clients, (3) MTM provisions on international investments, and (4) mounting inflation and slowing industrial/manufacturing activity.

## 1. Scheme of loan waiver for farmers announced in Budget 2008-09

In the Union Budget for 2008-09, the Finance Minister announced a loan waiver scheme for small and marginal farmers, and a one-time settlement for other farmers. The lack of clarity on the scheme (the exact definition of beneficiaries and modalities) and exaggerated concern over the moral hazard led to significant fall in the Bankex. The FM has since issued clarifications on the total relief package of Rs603b (of which Rs505b would be towards the debt waiver and Rs 98 b towards one-time settlement). Of the total amount, around $55 \%$ would be for cooperative banks, $35 \%$ towards SCBs and rest for RRBs. The FM also clarified that the settlement would be done on cash basis over a period of 36 months. We believe that all-cash disbursement is the key positive for these institutions. However, the front-loaded package in favor of cooperative banks and RRBs is a marginal negative for the SCBs. Bankers do not foresee a large case of moral hazard.

## 2. Large derivatives exposure by private banks on behalf of clients

Some of the large corporates and SME clients had entered into exotic derivatives contracts to hedge currency risk, on the back of fast rupee appreciation during 1QFY08. They took exposures in CHF/Yen which were relatively stable against the dollar compared to the rupee. With the sharp weakening of the dollar against these currencies as well 3QFY08 onwards, these exposures started turning into large losses. Based on our interaction with industry participants, the losses on these products are likely to be as big as US\$4-5b, most of which relates to foreign banks' clients. Private banks like Yes Bank, Kotak Mahindra Bank, HDFC Bank, ICICI Bank and Axis Bank were also aggressive on this front. However, $70-80 \%$ of the exposure of these banks relates to large corporate clients, which are likely to honor their MTM loss commitment.

## 3. MTM provisions on international investments

The widening of credit spreads in international markets has resulted in a negative mark-tomarket impact on credit derivatives and fixed income investment portfolios of various banks and overseas banking subsidiaries (while there has been no significant deterioration in actual credit quality of the underlying investments). ICICI Bank is expected to report Rs3b of provisions, whereas Axis Bank, BoI and BoB are expected to provide Rs150m, Rs100m and Rs200m, respectively. SBI has categorically denied any MTM provisions for its international book. We believe the turmoil in global financial markets has led to MTM losses on investment book; there is no significant deterioration in the underlying asset quality. This may lead to reversal of these provisions in future once global financial markets stabilize and credit spreads become rational.

## 4. Mounting inflation and slowing industrial/manufacturing activity

Inflation dropped from its highs of 6.5\%+ in March-April 2007 and 4.5\% in June 2007 to near 3\% in December 2007 (mainly due to high base effect and non pass-through of the rising crude oil prices in India). However, it shot up to $6.8 \%+$ on 14 March 2008. Inflation is well above RBI's comfort level of $5 \%$. The low base effect, mounting commodity prices, and global uncertainties have increased upside risk to inflation. Rising inflation has reduced the probability of interest rate cuts in India.

We believe that probability of CRR hike is low, considering the severe ill effects it would have on already slowing economic growth. Inflation is driven by supply-side constraints (especially food articles and oil prices) and excessive demand control through increased interest rates would de-rail economic growth. However, RBI would like to keep a tight monetary policy, which implies that lending yields would not soften in the medium term.


## G-Sec yields firm up

While G-Sec yields remained stable in 4QFY08, they shot up >10bp in the last three trading days, as high inflation numbers meant interest rates would remain firm. While 1year G-Sec yield has increased by 11 bp QoQ, 10 -year G-Sec yield has increased by 17 bp . However, $2 / 3$-year G-Sec yields are lower by $8-9 \mathrm{bp}$ QoQ. We do not expect significant MTM provisions on AFS book for banks during the quarter (as was the case in 4QFY07). However, earnings of OBC, Canara Bank - (high \% in AFSbook) and IOB (high duration of AFS book) remain vulnerable to G-Sec yield movement.


Source: Industry/Motilal Oswal Securities

## We prefer selective buying

Valuations for state-owned banks are at $0.8-1.2 x$ FY10E BV, with RoE of 15-26\%. Private banks, being growth plays, continue to trade at $2-3.5 \mathrm{x}$ FY10E BV. We prefer selective buying, with a preference for banks with high earnings visibility. We like HDFC, ICICI Bank and Axis Bank among private players. We like Union Bank of India, Bank of India and Indian Bank among the state-owned banks.

Stock performance and valuations
STOCK PERFORMANCE (\%)

|  | ABSOLUTE PERF |  | REL PERF TO SENSEX |  | REL PERF TO SECTOR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 M | 1 YEAR | 3 M | 1 YEAR | 3 M | 1 YEAR |
| Banking |  |  |  |  |  |  |
| Andhra Bank | -27 | 0 | -8 | -27 | -6 | -57 |
| Axis Bank | -18 | 62 | 1 | 35 | 4 | 6 |
| Bank of Baroda | -34 | 40 | -15 | 13 | -13 | -17 |
| Bank of India | -25 | 59 | -6 | 32 | -4 | 2 |
| Canara Bank | -27 | 17 | -8 | -10 | -6 | -40 |
| Corporation Bank | -33 | -2 | -14 | -29 | -11 | -58 |
| Federal Bank | -33 | 34 | -14 | 7 | -12 | -23 |
| HDFC | -11 | 72 | 8 | 45 | 11 | 15 |
| HDFC Bank | -19 | 47 | 0 | 20 | 2 | -10 |
| ICICI Bank | -32 | -3 | -13 | -30 | -10 | -59 |
| Indian Bank | -12 | 92 | 7 | 65 | 9 | 35 |
| Indian Overseas Bank | -24 | 30 | -5 | 3 | -2 | -27 |
| J\&K Bank | -19 | 3 | 0 | -24 | 3 | -53 |
| Karnataka Bank | -7 | 20 | 12 | -7 | 14 | -37 |
| Oriental Bank of Commerce | -32 | 2 | -13 | -25 | -10 | -55 |
| Punjab National Bank | -21 | 14 | -2 | -13 | 0 | -43 |
| State Bank | -25 | 83 | -6 | 56 | -4 | 26 |
| Syndicate Bank | -31 | 24 | -12 | -3 | -9 | -33 |
| Union Bank | -30 | 48 | -11 | 21 | -8 | -9 |
| Vijaya Bank | -38 | 28 | -19 | 1 | -17 | -29 |

RELATIVE PERFORMANCE - 3 MONTH (\%)


RELATIVE PERFORMANCE - 1 YEAR (\%)


| CMP (RS) | RECO | EPS (RS) |  |  | P/E (X) |  |  | P/BV (X) |  |  | ROE (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 28.03.08 |  | FY08E | FY09E | FY10E | FY08E | FY09E | FY 10E | FY08E | FY09E | FY 10E | FY08E | FY09E | FY10E |

## Banks

| Andhra Bank | 77 | Buy | 12.6 | 14.5 | 17.1 | 6.1 | 5.3 | 4.5 | 1.1 | 0.9 | 0.8 | 18.3 | 18.8 | 19.6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Axis Bank | 805 | Buy | 27.9 | 36.8 | 49.6 | 28.9 | 21.9 | 16.2 | 3.4 | 3.0 | 2.6 | 16.9 | 14.7 | 17.3 |
| Bank of Baroda | 301 | Buy | 41.6 | 46.8 | 56.4 | 7.2 | 6.4 | 5.3 | 1.1 | 1.0 | 0.9 | 16.4 | 16.2 | 17.1 |
| Bank of India | 272 | Buy | 32.4 | 40.8 | 48.2 | 8.4 | 6.7 | 5.7 | 1.7 | 1.4 | 1.2 | 23.9 | 22.8 | 22.4 |
| Canara Bank | 227 | Neutral | 37.6 | 43.2 | 46.4 | 6.0 | 5.3 | 4.9 | 1.0 | 0.9 | 0.8 | 17.8 | 17.9 | 16.9 |
| Corporation Bank | 289 | Neutral | 46.8 | 50.2 | 60.2 | 6.2 | 5.7 | 4.8 | 1.0 | 0.9 | 0.8 | 16.7 | 15.9 | 16.8 |
| Federal Bank | 224 | Buy | 22.0 | 31.4 | 36.2 | 10.2 | 7.1 | 6.2 | 1.0 | 0.9 | 0.8 | 13.9 | 13.0 | 13.6 |
| HDFC | 2,614 | Buy | 87.2 | 87.0 | 105.6 | 30.0 | 30.0 | 24.7 | 6.7 | 5.6 | 4.9 | 24.3 | 20.6 | 21.1 |
| HDFC Bank | 1,401 | Neutral | 44.6 | 61.5 | 81.3 | 31.4 | 22.8 | 17.2 | 4.2 | 3.7 | 3.2 | 17.4 | 17.2 | 19.7 |
| ICICI Bank | 835 | Buy | 35.5 | 44.6 | 56.9 | 23.5 | 18.7 | 14.7 | 2.0 | 1.8 | 1.7 | 11.0 | 10.2 | 12.0 |
| Indian Bank | 171 | Buy | 23.9 | 27.4 | 31.0 | 7.1 | 6.2 | 5.5 | 1.8 | 1.5 | 1.2 | 28.3 | 26.2 | 24.3 |
| Indian Overseas Bank | - 136 | Buy | 22.1 | 25.4 | 29.3 | 6.1 | 5.3 | 4.6 | 1.6 | 1.3 | 1.1 | 27.6 | 25.5 | 24.6 |
| J\&K Bank | 670 | Buy | 82.7 | 96.3 | 119.1 | 8.1 | 7.0 | 5.6 | 1.4 | 1.2 | 1.0 | 18.5 | 18.5 | 19.6 |
| Karnataka Bank | 203 | Buy | 18.4 | 21.2 | 24.8 | 11.1 | 9.6 | 8.2 | 1.7 | 1.5 | 1.3 | 16.8 | 16.2 | 16.6 |
| Oriental Bank | 186 | Neutral | 33.3 | 37.3 | 41.1 | 5.6 | 5.0 | 4.5 | 0.8 | 0.7 | 0.6 | 14.3 | 14.8 | 15.0 |
| Punjab National Bank | 528 | Buy | 57.8 | 69.4 | 83.0 | 9.1 | 7.6 | 6.4 | 1.4 | 1.3 | 1.1 | 16.8 | 17.7 | 18.5 |
| State Bank | 1,680 | Buy | 104.3 | 125.4 | 150.2 | 16.1 | 13.4 | 11.2 | 2.0 | 1.8 | 1.6 | 15.6 | 14.0 | 14.9 |
| Syndicate Bank | 79 | Buy | 16.4 | 16.9 | 18.9 | 4.8 | 4.7 | 4.2 | 1.1 | 0.9 | 0.8 | 21.2 | 18.7 | 18.2 |
| Union Bank | 146 | Buy | 22.3 | 26.6 | 32.6 | 6.5 | 5.5 | 4.5 | 1.3 | 1.1 | 0.9 | 21.8 | 22.0 | 22.8 |
| Vijaya Bank | 52 | Neutral | 9.8 | 9.9 | 12.0 | 5.3 | 5.2 | 4.3 | 1.0 | 0.9 | 0.8 | 20.9 | 18.4 | 19.7 |
| Sector Aggregate |  |  |  |  |  | 15.2 | 12.6 | 10.5 | 2.6 | 2.0 | 1.7 | 16.8 | 15.6 | 16.7 |


| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 16,371 |
| :--- | ---: |
|  | ANDB IN <br> REUTERS CODE |
| S\&P CNX: 4,942 | ADBK.BO |$\quad$| Equity Shares (m) | 485 |
| :--- | ---: |
| 52-Week Range | $130 / 67$ |
| 1,6,12 Rel.Perf.(\%) | $-6 /-21 /-27$ |
| M.Cap. (Rs b) | 37.2 |
| M.Cap. (US\$ b) | 0.9 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs77 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net income | PAT | EPS | EPS | P/E | P/BV | CAR | Roas | ROAA | P/ABV |
| end | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | (\%) | RATIO |
| 3/07A | 18,644 | 5,379 | 11.1 | 10.6 | 6.9 | 1.2 | 11.3 | 17.8 | 1.2 | 1.2 |
| 3/08E | 19,776 | 6,108 | 12.6 | 13.6 | 6.1 | 1.1 | 11.1 | 18.3 | 1.2 | 1.1 |
| 3/09E | 22,876 | 7,023 | 14.5 | 15.0 | 5.3 | 0.9 | 11.0 | 18.8 | 1.2 | 1.0 |
| 3/10E | 26,430 | 8,292 | 17.1 | 18.1 | 4.5 | 0.8 | 10.3 | 19.6 | 1.2 | 0.8 |

\& We expect net interest income (NII) to remain almost flat at Rs3.8b. Margins would remain under pressure as bank had resorted to bulk deposits during 4QFY07. Currently, bulk deposits constitute $\sim 20 \%$ of the total deposits and are yet to be redeemed or repriced. Slower credit growth of $\sim 20 \%$ would put further pressure on margins.

* Fee income growth remains dismal for the bank, and lower treasury profits are likely to keep non-interest income under pressure. However, higher recoveries from written-off accounts could bring in positive surprises to earnings growth.

8. With gross NPAs at just $1.4 \%$ and net NPAs at $0.2 \%$, incremental provisioning for NPAs would be low.
\& The stock trades at $4.5 x$ FY10E EPS and $0.8 x$ FY10E BV. The stock also offers an attractive dividend yield of $\sim 6 \%$. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3 Q | 4QE |  |  |
| Interest Income | 7,601 | 7,725 | 8,128 | 9,699 | 9,895 | 10,455 | 10,857 | 11,409 | 33,153 | 42,615 |
| Interest Expense | 4,249 | 4,416 | 4,493 | 5,820 | 6,273 | 7,008 | 7,156 | 7,604 | 18,978 | 28,041 |
| Net Interest Income | 3,352 | 3,309 | 3,635 | 3,879 | 3,621 | 3,447 | 3,701 | 3,805 | 14,175 | 14,574 |
| \% Change ( $Y$-o-Y) | 22.2 | 14.7 | 22.8 | 25.1 | 8.0 | 4.2 | 1.8 | -1.9 | 28.5 | 2.8 |
| Other Income | 843 | 1,100 | 1,142 | 1,384 | 1,125 | 1,379 | 1,477 | 1,222 | 4,469 | 5,202 |
| Net Income | 4,195 | 4,409 | 4,777 | 5,263 | 4,746 | 4,826 | 5,178 | 5,027 | 18,644 | 19,776 |
| \% Change (Y-o-Y) | 19.3 | 8.5 | 15.2 | 20.4 | 13.1 | 9.5 | 8.4 | -4.5 | 19.4 | 6.1 |
| Operating Expenses | 2,306 | 2,365 | 2,356 | 2,305 | 2,512 | 2,505 | 2,295 | 2,500 | 9,332 | 9,811 |
| Operating Profit | 1,890 | 2,045 | 2,421 | 2,958 | 2,234 | 2,322 | 2,883 | 2,527 | 9,312 | 9,965 |
| Other Provisions | 291 | -95 | 458 | 810 | 93 | 110 | 278 | 300 | 1,463 | 780 |
| Profit before Tax | 1,599 | 2,139 | 1,963 | 2,148 | 2,141 | 2,212 | 2,605 | 2,227 | 7,849 | 9,185 |
| Tax Provisions | 435 | 675 | 600 | 760 | 730 | 700 | 1,015 | 632 | 2,470 | 3,077 |
| Net Profit | 1,164 | 1,464 | 1,363 | 1,388 | 1,411 | 1,512 | 1,590 | 1,595 | 5,379 | 6,108 |
| \% Change (Y-o-Y) | 36.7 | 10.2 | 5.8 | 0.1 | 21.2 | 3.3 | 16.7 | 14.9 | 10.6 | 13.6 |
| Cost to Income Ratio (\%) | 55.0 | 53.6 | 49.3 | 43.8 | 52.9 | 51.9 | 44.3 | 49.7 | 50.1 | 49.6 |
| Interest Exp./Interest Income (\%) | 55.9 | 57.2 | 55.3 | 60.0 | 63.4 | 67.0 | 65.9 | 66.7 | 57.2 | 65.8 |
| Other Income/Net Income (\%) | 20.1 | 25.0 | 23.9 | 26.3 | 23.7 | 28.6 | 28.5 | 24.3 | 24.0 | 26.3 |

$\overline{\mathrm{E}: \text { MOSt Estimates; HTM ammortisation is included in the other income }}$

| STOCK INFO. | bloomberg |
| :---: | :---: |
| BSE Sensex: 16,371 | AXSB IN |
|  | Reuters code |
| S\&P CNX: 4,942 | AXBK.BO |
| Equity Shares (m) | 357.4 |
| 52-Week Range | 1,291/433 |
| 1,6,12 Rel.Perf.(\%) | ) -12/11/35 |
| M.Cap. (Rs b) | 287.7 |
| M.Cap. (US\$ b) | 7.2 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Buy } \\ & \text { Rs805 } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR | NET INCOME | E PAT | EPS | EPS | P/E | P/BV | CAR | RoAE | ROAA | P/ABV |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | (\%) | RATIO |
| 3/07A | 24,784 | 6,590 | 23.4 | 34.5 | 34.4 | 6.7 | 11.6 | 21.0 | 1.1 | 6.9 |
| 3/08E | 42,223 | 9,969 | 27.9 | 19.2 | 28.9 | 3.4 | 14.6 | 16.9 | 1.1 | 3.5 |
| 3/09E | 56,057 1 | 13,154 | 36.8 | 31.9 | 21.9 | 3.0 | 12.1 | 14.7 | 1.1 | 3.1 |
| 3/10E | 73,890 1 | 17,744 | 49.6 | 34.9 | 16.2 | 2.6 | 10.6 | 17.3 | 1.1 | 2.7 |

2. We expect strong NII growth of $70 \%$ YoY in 4 QFY 08 , on the back of $\sim 50 \%$ loan growth, improved yield on advances, and strong growth in CASA.
es We expect NIMs to remain strong at $3.5 \%$ + during 4QFY08; however they would remain lower than the $3.9 \%$ reported in 3QFY08. The impact of capital raising during 2QFY08 is fading away, putting pressure on cost of funds while improving yields on advances from 3QFY08 levels remains a challenge.
\& The bank continues to be in a rapid branch expansion and manpower addition phase. Opex growth likely to remain ~70\% YoY.

2s Another key driver of the bank' s performance has been sustained growth in its fee-based income. We expect core fee income to grow $\sim 50 \%$ in 4QFY08. The bank' s cost-to-income ratio would remain $<50 \%$.
25 We have assumed higher provisions towards MTM losses on the bank' s international investment book as well as NPAs. We expect the bank to make prudent provisions towards losses on forex and exotic derivatives contracts entered on behalf of clients.
es Earnings are likely to grow $36 \%$ YoY to Rs 2.9 b in 4QFY08, supported by robust growth in NII and fee income.
e The stock trades at $16.2 x$ FY10E EPS and 2.6x FY10E BV. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Interest Income | 9,299 | 10,254 | 11,648 | 13,415 | 15,111 | 16,765 | 18,023 | 19,434 | 44,617 | 69,333 |
| Interest Expense | 6,321 | 6,849 | 7,738 | 9,025 | 10,901 | 10,878 | 10,550 | 11,930 | 29,933 | 44,260 |
| Net Interest Income | 2,978 | 3,405 | 3,910 | 4,390 | 4,209 | 5,887 | 7,473 | 7,504 | 14,683 | 25,073 |
| Y-o-Y Growth (\%) | NM | NM | NM | NM | 41.3 | 72.9 | 91.1 | 70.9 | 48.2 | 70.8 |
| Other Income | 2,245 | 2,048 | 2,797 | 3,011 | 3,682 | 3,829 | 4,879 | 4,760 | 10,101 | 17,150 |
| Net Income | 5,223 | 5,453 | 6,708 | 7,401 | 7,892 | 9,716 | 12,352 | 12,263 | 24,784 | 42,223 |
| Operating Expenses | 2,392 | 2,955 | 3,370 | 3,430 | 4,212 | 5,087 | 5,630 | 5,889 | 12,146 | 20,818 |
| Operating Profit | 2,832 | 2,498 | 3,338 | 3,970 | 3,679 | 4,629 | 6,723 | 6,374 | 12,639 | 21,405 |
| Y-o-Y Growth (\%) | NM | NM | NM | NM | 29.9 | 85.3 | 101.4 | 60.5 | 39.5 | 69.4 |
| Provision \& Contingencies | 1,008 | 341 | 515 | 812 | 1,009 | 1,145 | 2,001 | 2,146 | 2,674 | 6,300 |
| Profit before Tax | 1,824 | 2,157 | 2,824 | 3,159 | 2,670 | 3,484 | 4,722 | 4,228 | 9,965 | 15,105 |
| Tax Provisions | 618 | 738 | 977 | 1,039 | 921 | 1,206 | 1,654 | 1,355 | 3,375 | 5,136 |
| Net Profit | 1,206 | 1,420 | 1,846 | 2,120 | 1,750 | 2,278 | 3,068 | 2,873 | 6,590 | 9,969 |
| Y-o-Y Growth (\%) | 30.1 | 30.2 | 40.2 | 39.7 | 45.2 | 60.5 | 66.2 | 35.5 | 35.9 | 51.3 |
| Int Exp/ Int Earned (\%) | 68.0 | 66.8 | 66.4 | 67.3 | 72.1 | 64.9 | 58.5 | 61.4 | 67.1 | 63.8 |
| Other Income / Net Income (\%) | 43.0 | 37.6 | 41.7 | 40.7 | 46.7 | 39.4 | 39.5 | 38.8 | 40.8 | 40.6 |
| Cost to Income Ratio (\%) | 45.8 | 54.2 | 50.2 | 46.4 | 53.4 | 52.4 | 45.6 | 48.0 | 49.0 | 49.3 |

E: MOSt Estimates

[^5]
# Bank of Baroda 

| STOCK INFO. <br> BSE Sensex: 16,371 | BLOOMBERG <br> BOB IN |
| :--- | ---: |
|  | REUTERS CODE |
| S\&P CNX: 4,942 | BOB.BO |$\quad$| Equity Shares (m) | 365.5 |
| :--- | ---: |
| 52-Week Range | $501 / 193$ |
| 1,6,12 Rel.Perf.(\%) | $-7 /-2 / 13$ |
| M.Cap. (Rs b) | 110.1 |
| M.Cap. (US\$ b) | 2.8 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs301 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net income | E PAT | EPS | EPS | P/E | P/BV | CAR | Roam | ROAA | P/AbV |
| End | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | (\%) | ratio |
| 3/07A | 49,593 | 10,265 | 28.1 | 24.1 | 10.7 | 1.3 | 11.8 | 12.4 | 0.8 | 1.4 |
| 3/08E | 59,082 | 15,196 | 41.6 | 48.0 | 7.2 | 1.1 | 11.0 | 16.4 | 1.0 | 1.2 |
| 3/09E | 65,836 | 17,094 | 46.8 | 12.5 | 6.4 | 1.0 | 11.0 | 16.2 | 0.9 | 1.1 |
| 3/10E | 76,353 | 20,634 | 56.4 | 20.7 | 5.3 | 0.9 | 11.0 | 17.1 | 0.9 | 0.9 |

\& We expect BoB' s business growth to remain in line with the industry. The SME, agriculture and corporate segments would be the key drivers of credit growth. We expect margins to remain stable at $\sim 3 \%$.
\& While treasury profits would be lower on a sequential basis (higher on YoY basis), we expect recoveries from written-off accounts to remain strong during the quarter. This would help maintain strong traction in overall other income. Accelerated provisions for operating expenditure (opex) in 1HFY08 would mean lowopex growth (on a YoY basis) during 4QFY08.
\& BoB's asset quality has improved significantly over the last one year with coverage ratio at $75 \%$ and net NPAs at $0.54 \%$. Recoveries during the quarter are expected to be robust, which would further improve asset quality and require lower NPA provisions. However, we have built in higher overall provisions to account for accelerated provisions on NPAs on the back of strong operating profits, MTM losses on investments in overseas markets.
\& PAT growth is likely to be strong at $47 \%$ YoY on account of modest core operating performance, recoveries and lower provisions.
\& Earnings visibility is very high for BoB and stake sale in UTI Mutual Fund could bring in strong treasury gains. The stock trades at 5.3x FY10E EPS and 0.9x FY10E BV. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Interest Income | 19,154 | 21,334 | 23,344 | 26,210 | 26,006 | 28,798 | 30,022 | 32,047 | 90,041 | 116,873 |
| Interest Expense | 11,378 | 12,952 | 14,262 | 15,674 | 16,961 | 18,983 | 20,047 | 21,707 | 54,266 | 77,698 |
| Net Interest Income | 7,776 | 8,383 | 9,082 | 10,535 | 9,046 | 9,814 | 9,975 | 10,340 | 35,775 | 39,175 |
| \% Change (YoY) | N.M | N.M | N.M | N.M | 16.3 | 17.1 | 9.8 | -1.9 | 16.9 | 9.5 |
| Other Income | 2,775 | 3,217 | 3,337 | 4,489 | 4,242 | 4,541 | 6,180 | 4,945 | 13,818 | 19,907 |
| Net Income | 10,551 | 11,600 | 12,419 | 15,024 | 13,287 | 14,355 | 16,155 | 15,285 | 49,593 | 59,082 |
| \% Change (YoY) | N.M | N.M | N.M | N.M | 25.9 | 23.7 | 30.1 | 1.7 | 15.3 | 19.1 |
| Operating Expenses | 5,516 | 5,968 | 6,375 | 7,584 | 6,843 | 7,983 | 6,831 | 7,648 | 25,443 | 29,304 |
| Operating Profit | 5,035 | 5,632 | 6,043 | 7,440 | 6,445 | 6,372 | 9,324 | 7,637 | 24,150 | 29,778 |
| Provision \& Contingencies | 2,531 | 1,068 | 891 | 3,118 | 1,414 | 981 | 1,570 | 2,436 | 7,608 | 6,400 |
| PBT | 2,504 | 4,564 | 5,152 | 4,322 | 5,030 | 5,392 | 7,754 | 5,202 | 16,543 | 23,378 |
| Tax Provisions | 871 | 1,680 | 1,861 | 1,866 | 1,722 | 2,120 | 2,744 | 1,597 | 6,278 | 8,182 |
| Net Profit | 1,633 | 2,884 | 3,291 | 2,457 | 3,308 | 3,272 | 5,010 | 3,605 | 10,265 | 15,196 |
| \% Change (YoY) | 4.0 | 11.3 | 62.8 | 17.7 | 102.6 | 13.5 | 52.2 | 46.8 | 24.1 | 48.0 |
| Cost to Income Ratio (\%) | 52.3 | 51.4 | 51.3 | 50.5 | 51.5 | 55.6 | 42.3 | 50.0 | 51.3 | 49.6 |
| Int Exp/ Int Earned (\%) | 59.4 | 60.7 | 61.1 | 59.8 | 65.2 | 65.9 | 66.8 | 67.7 | 60.3 | 66.5 |
| Other Income / Net Income (\%) | 26.3 | 27.7 | 26.9 | 29.9 | 31.9 | 31.6 | 38.3 | 32.4 | 27.9 | 33.7 |

$\overline{\text { E: MOSt Estimates }}$

[^6]| STOCK INFO. <br> BSE Sensex: 16,371 BLOOMBERG <br> BOI IN <br> REUTERS CODE  |  |
| :--- | ---: |
| S\&P CNX: 4,942 | BOI.BO |
| Equity Shares (m) | 525.9 |
| 52-Week Range | $466 / 151$ |
| 1,6,12 Rel.Perf.(\%) | $-14 / 4 / 32$ |
| M.Cap. (Rs b) | 143.2 |
| M.Cap. (US\$ b) | 3.6 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs272 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR | net income | E PAT | EPS | EPS | P/E | P/BV | CAR | Roae | ROAA | P/ABV |
| End | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | (\%) | Ratio |
| 3/07A | 50,034 | 11,232 | 23.0 | 60.2 | 11.8 | 2.3 | 11.6 | 21.3 | 0.9 | 2.5 |
| 3/08E | 61,174 | 17,028 | 32.4 | 40.7 | 8.4 | 1.7 | 13.2 | 23.9 | 1.1 | 1.8 |
| 3/09E | 72,496 | 21,433 | 40.8 | 25.9 | 6.7 | 1.4 | 12.0 | 22.8 | 1.1 | 1.5 |
| 3/10E | 84,571 | 25,331 | 48.2 | 18.2 | 5.7 | 1.2 | 11.5 | 22.4 | 1.1 | 1.2 |

2. Growth in loans and deposits is expected to remain strong at $26-27 \%$ - much higher than the industry growth rate. We expect margins to remain stable at 3-3.1\%.

25 We expect fee income growth to remain strong at $25 \%+$; treasury profits would remain subdued. Continued buoyancy in recoveries would aid profit growth.
\& While there are no concerns on asset quality for the bank, we expect it to make higher provisions towards NPAs to bring down NPA ratios further.
2. We expect bank to make higher provisions towards AS-15 and staff cost (wage settlement) on account of stronger core operating profitability.

2 The bank continues to be the most consistent in terms of improvement in core performance. We believe BoI has many levers to bring in positive surprises to our earnings estimate. The stock trades at 5.7 x FY10E EPS and 1.2 x FY10E BV. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3 Q | 4Q | 1Q | 2 Q | 3 Q | 4QE |  |  |
| Interest Income | 20,211 | 22,582 | 23,187 | 26,154 | 27,273 | 29,752 | 31,511 | 33,185 | 89,363 | 121,721 |
| Interest Expense | 12,566 | 14,088 | 14,599 | 16,474 | 17,801 | 19,895 | 20,717 | 21,922 | 54,959 | 80,334 |
| Reported Net Interest Income | 7,644 | 8,494 | 8,588 | 9,680 | 9,472 | 9,858 | 10,795 | 11,263 | 34,405 | 41,387 |
| \% Change (Y-o-Y) | 36.8 | 46.8 | 30.8 | 15.5 | 23.9 | 16.1 | 25.7 | 16.4 | 30.7 | 20.3 |
| Reported Other Income | 3,107 | 3,533 | 3,223 | 5,767 | 3,812 | 5,284 | 5,541 | 5,150 | 15,630 | 19,787 |
| Net Income | 10,751 | 12,026 | 11,811 | 15,447 | 13,284 | 15,142 | 16,336 | 16,413 | 50,034 | 61,174 |
| \% Change ( $Y$-o-Y) | 26.0 | 36.4 | 28.5 | 32.9 | 23.6 | 25.9 | 38.3 | 6.3 | 31.1 | 22.3 |
| Operating Expenses | 6,075 | 7,236 | 6,279 | 6,495 | 6,506 | 6,744 | 6,622 | 7,303 | 26,084 | 27,174 |
| Operating Profit | 4,676 | 4,791 | 5,532 | 8,952 | 6,778 | 8,398 | 9,714 | 9,110 | 23,950 | 34,000 |
| Other Provisions | 1,685 | 1,587 | 2,286 | 3,064 | 1,992 | 2,993 | 2,314 | 3,051 | 8,621 | 10,350 |
| Profit Before tax | 2,991 | 3,204 | 3,246 | 5,888 | 4,786 | 5,405 | 7,400 | 6,059 | 15,329 | 23,650 |
| Tax Provisions | 904 | 1,083 | 697 | 1,414 | 1,634 | 1,153 | 2,281 | 1,555 | 4,097 | 6,622 |
| Net Profit | 2,087 | 2,121 | 2,549 | 4,474 | 3,152 | 4,253 | 5,119 | 4,504 | 11,232 | 17,028 |
| \% Change (Y-o-Y) | 21.5 | 60.5 | 78.1 | 75.9 | 51.0 | 100.5 | 100.8 | 0.7 | 60.1 | 51.6 |
| Cost to Income Ratio (\%) | 56.5 | 60.2 | 53.2 | 42.0 | 49.0 | 44.5 | 40.5 | 44.5 | 52.1 | 44.4 |
| Interest Exp./Interest Income (\%) | 62.2 | 62.4 | 63.0 | 63.0 | 65.3 | 66.9 | 65.7 | 66.1 | 61.5 | 66.0 |
| Other Income/Net Income (\%) | 28.9 | 29.4 | 27.3 | 37.3 | 28.7 | 34.9 | 33.9 | 31.4 | 31.2 | 32.3 |

$\overline{\text { E: MOSt Estimates }}$

| STOCK INFO. <br> BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | CBK IN |
|  | reuters code |
| S\&P CNX: 4,942 | CNBK.BO |
| Equity Shares (m) | 410.0 |
| 52-Week Range | 421/177 |
| 1,6, 12 Rel.Perf.(\%) | \%) -7/-13/-10 |
| M.Cap. (Rs b) | 93.1 |
| M.Cap. (US\$ b) | 2.3 |


| 28 Ma | arch 2008 |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs227 |
| year | net income | E PAT | EPS | EPS | P/E | P/BV | CAR | Roae | Roas | P/ABV |
| End | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | (\%) | ratio |
| 3/07A | 54,778 | 14,208 | 34.7 | 5.8 | 6.6 | 1.1 | 13.5 | 18.8 | 1.0 | 1.2 |
| 3/08E | 55,829 | 15,435 | 37.6 | 8.6 | 6.0 | 1.0 | 11.8 | 17.8 | 1.0 | 1.1 |
| 3/09E | 61,228 | 17,728 | 43.2 | 14.9 | 5.3 | 0.9 | 11.7 | 17.9 | 0.9 | 0.9 |
| 3/10E | 68,671 1 | 19,036 | 46.4 | 7.4 | 4.9 | 0.8 | 11.6 | 16.9 | 0.9 | 0.8 |

* We expect margins to remain under pressure on a YoY basis for the bank due to high cost of funds on account of aggressive build-up of bulk deposits during 4QFY07 and a muted growth in advances in FY08. During 9MFY08, growth in advances and deposits has been close to NIL due to ongoing balance sheet restructuring.
8 On a QoQ basis, we expect margins to remain stable with an upward bias, as the bank has begun realigning its asset book in favor of high yielding advances (shed $\sim$ Rs100b of low yielding short term advances in 9MFY08) and has reduced its high cost bulk deposits ( $\sim$ Rs100b in 9MFY08).
\& We expect operating profit to decline $24.3 \%$ YoY in 4 QFY 08 on the back of muted NII growth and expected lower treasury profit.

8. Canara Bank continues to enjoy high asset quality, with gross NPAs at just $1.54 \%$ and net NPAs at $0.89 \%$. We do not expect any negative surprises on the asset quality front from the bank. NPA provisions would continue to be low. In 4QFY07, the bank had to make heavy MTM provisions on the AFS book, absence of which would significantly reduce overall provision.
\& The stock trades at $4.9 x$ FY10E EPS and $0.8 x$ FY10E BV. We remain Neutral on account of concerns on core operating profitability for the bank.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4Q | 10 | 20 | 30 | 4QE |  |  |
| Interest Earned | 25,128 | 26,800 | 29,614 | 32,105 | 33,800 | 34,826 | 35,502 | 36,272 | 113,646 | 140,399 |
| Interest Expended | 15,649 | 16,988 | 19,220 | 21,520 | 24,859 | 26,957 | 26,158 | 26,808 | 73,377 | 104,782 |
| Net Interest Income | 9,478 | 9,811 | 10,394 | 10,585 | 8,941 | 7,869 | 9,344 | 9,464 | 40,268 | 35,617 |
| \% Change (YoY) | 13.8 | 21.6 | 8.5 | 7.6 | -5.7 | -19.8 | -10.1 | -10.6 | 12.4 | -11.6 |
| Non Interest Income | 2,582 | 3,133 | 2,993 | 5,801 | 3,801 | 5,721 | 5,464 | 5,226 | 14,509 | 20,212 |
| Net Income | 12,060 | 12,944 | 13,387 | 16,386 | 12,742 | 13,590 | 14,808 | 14,690 | 54,778 | 55,829 |
| Operating Expenses | 6,158 | 6,792 | 6,369 | 6,334 | 6,621 | 7,086 | 7,230 | 7,083 | 25,653 | 28,020 |
| Operating Profit | 5,902 | 6,152 | 7,018 | 10,052 | 6,121 | 6,503 | 7,578 | 7,607 | 29,125 | 27,809 |
| \% Change (YoY) | 5.3 | 5.9 | 0.4 | 33.5 | 3.7 | 5.7 | 8.0 | -24.3 | 14.2 | -4.5 |
| Other Provisions \& Contingencies | 3,743 | 1,534 | 2,630 | 4,509 | 3,015 | 1,787 | 1,990 | 2,307 | 12,417 | 9,100 |
| PBT | 2,159 | 4,618 | 4,388 | 5,543 | 3,106 | 4,716 | 5,588 | 5,300 | 16,708 | 18,709 |
| Provision for Taxes | 250 | 1,000 | 750 | 500 | 700 | 700 | 1,000 | 874 | 2,500 | 3,274 |
| Net Profit | 1,909 | 3,618 | 3,638 | 5,043 | 2,406 | 4,016 | 4,588 | 4,426 | 14,208 | 15,435 |
| \% Change (YoY) | 2.2 | 18.0 | 2.1 | 2.2 | 26.0 | 11.0 | 26.1 | -12.2 | 5.8 | 8.6 |
| Cost/Income | 51.1 | 52.5 | 47.6 | 38.7 | 52.0 | 52.1 | 48.8 | 48.2 | 46.8 | 50.2 |
| Int Exp / Int Income | 62.3 | 63.4 | 64.9 | 67.0 | 73.5 | 77.4 | 73.7 | 73.9 | 64.6 | 74.6 |
| Other Income / Net Income | 21.4 | 24.2 | 22.4 | 35.4 | 29.8 | 42.1 | 36.9 | 35.6 | 26.5 | 36.2 |

E: MOSt Estimates; HTM ammortisation is included in the other income
Manish Karwa (Mkarwa@MotilalOswal.com)/Ajinkya Dhavale (AjinkyaDhavale@MotilalOswal.com)/Alpesh Mehta (Alpesh.Mehta@MotilalOswal.com)

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | CRPBK IN |
|  | REUTERS CODE |
| S\&P CNX: 4,942 | CRBK.BO |
| Equity Shares (m) | 143.4 |
| 52-Week Range | $490 / 230$ |
| 1,6,12 Rel.Perf.(\%) | $-4 /-20 /-29$ |
| M.Cap. (Rs b) | 41.4 |
| M.Cap. (US\$ b) | 1.0 |

28 March 2008

| Previous Recommendation: Sell |  |  |  |  |  |  |  |  |  | Rs289 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| year | net income | PAT | EPS | EPS | P/E | P/BV | car | Roae | ROAA | P/ABV |
| End | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | (\%) | Ratio |
| 3/07A | 19,436 | 5,361 | 37.4 | 20.6 | 7.7 | 1.1 | 12.8 | 15.0 | 1.2 | 1.1 |
| 3/08E | 20,197 | 6,720 | 46.8 | 25.3 | 6.2 | 1.0 | 12.0 | 16.7 | 1.2 | 1.0 |
| 3/09E | 23,211 | 7,207 | 50.2 | 7.2 | 5.7 | 0.9 | 11.0 | 15.9 | 1.1 | 0.9 |
| 3/10E | 27,115 | 8,633 | 60.2 | 19.8 | 4.8 | 0.8 | 11.0 | 16.8 | 1.1 | 0.8 |

* Corporation Bank has significantly improved its yields to $10.27 \%$ during 9MFY08. We believe that further improvement in yields would only be marginal. Credit growth also remains sluggish at $21-22 \%$ - near industry levels.
\& Fee income is growing at a slow pace; growth in treasury profit is also expected to remain muted.
25 We expect operating profit to decline $24 \%+$ on muted performance on the NII as well as the non-interest income front.
* Asset quality remains robust, with net NPAs at $0.33 \%$. We do not expect any material weakening of the bank' s asset portfolio. In 4QFY07, the bank had taken a hit of higher MTM provision on its investment portfolio and higher provision for NPA.
\& While the business growth, margins and fee income remains the area of concerns for the bank, its ability to keep operating cost under control and maintain robust asset quality is impressive. Inspite of weak core operating performance RoE would continue to remain healthy at $\sim 17 \%$ with tier I greater than $8 \%$ the stock trades at $4.8 \times$ FY10 EPS and $0.8 x$ FY10E BV. Based on attractive valuations, we upgrade the stock from Sell to Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Interest Income | 7,076 | 8,176 | 8,683 | 9,627 | 11,001 | 10,638 | 10,989 | 11,682 | 33,561 | 44,309 |
| Interest Expense | 4,053 | 5,158 | 5,536 | 5,777 | 7,479 | 7,092 | 7,652 | 8,134 | 20,524 | 30,357 |
| Net Interest Income | 3,023 | 3,018 | 3,148 | 3,849 | 3,522 | 3,546 | 3,337 | 3,547 | 13,038 | 13,952 |
| \% Change ( $Y$-o-Y) | 7.6 | -1.5 | -4.2 | 23.8 | 16.5 | 17.5 | 6.0 | -7.8 | 6.3 | 7.0 |
| Other Income | 1,875 | 1,131 | 1,593 | 1,800 | 1,387 | 1,832 | 1,670 | 1,356 | 6,399 | 6,245 |
| Net Income | 4,898 | 4,148 | 4,741 | 5,649 | 4,909 | 5,377 | 5,007 | 4,903 | 19,436 | 20,197 |
| \% Change ( $Y$-o-Y) | 14.8 | -1.2 | 15.6 | 27.2 | 0.2 | 29.6 | 5.6 | -13.2 | 14.3 | 3.9 |
| Operating Expenses | 1,883 | 1,941 | 1,995 | 2,217 | 2,154 | 2,432 | 2,231 | 2,298 | 8,036 | 9,115 |
| Operating Profit | 3,015 | 2,208 | 2,745 | 3,432 | 2,756 | 2,945 | 2,776 | 2,605 | 11,400 | 11,082 |
| \% Change (Y-o-Y) | 19.1 | -7.7 | 26.8 | 40.2 | -8.6 | 33.4 | 1.1 | -24.1 | 19.5 | -2.8 |
| Other Provisions | 838 | 238 | 647 | 1,513 | 200 | 542 | 97 | 362 | 3,235 | 1,200 |
| PBT | 2,177 | 1,970 | 2,099 | 1,919 | 2,556 | 2,404 | 2,678 | 2,244 | 8,166 | 9,882 |
| Tax Provisions | 735 | 700 | 635 | 735 | 785 | 790 | 769 | 818 | 2,804 | 3,162 |
| Net Profit | 1,442 | 1,270 | 1,464 | 1,185 | 1,771 | 1,614 | 1,909 | 1,426 | 5,361 | 6,720 |
| \% Change (Y-o-Y) | 16.8 | 20.3 | 27.2 | 18.1 | 22.8 | 27.1 | 30.4 | 20.3 | 20.6 | 25.3 |
| Cost to Income Ratio (\%) | 38.4 | 46.8 | 42.1 | 39.3 | 43.9 | 45.2 | 44.6 | 46.9 | 41.3 | 45.1 |
| Interest Exp./Interest Income (\%) | 57.3 | 63.1 | 63.7 | 60.0 | 68.0 | 66.7 | 69.6 | 69.6 | 61.2 | 68.5 |
| Other Income/Net Income (\%) | 38.3 | 27.3 | 33.6 | 31.9 | 28.3 | 34.1 | 33.3 | 27.7 | 32.9 | 30.9 |

E: MOSt Estimates; HTM ammortisation is included in the other income

| STOCK INFO. BLOOMBERG <br> BSE Sensex: 16,371 FB IN <br>  REUTERS CODE |  |
| :--- | ---: |
| S\&P CNX: 4,942 FED.BO |  |
| Equity Shares (m) | 171.2 |
| 52-Week Range | $395 / 151$ |
| 1,6,12 Rel.Perf.(\%) | $-15 /-16 / 7$ |
| M.Cap. (Rs b) | 38.4 |
| M.Cap. (US\$ b) | 1.0 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs224 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| Year | net income | PAT | EpS | EPS | P/E | P/BV | CAR | Roam | ROAA | P/ABV |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | (\%) | Ratio |
| 3/07A | 10,191 | 2,927 | 34.2 | 30.0 | 6.6 | 1.3 | 13.4 | 21.3 | 1.3 | 1.3 |
| 3/08E | 12,013 | 3,767 | 22.0 | -35.7 | 10.2 | 1.0 | 19.4 | 13.9 | 1.3 | 1.0 |
| 3/09E | 15,177 | 5,376 | 31.4 | 42.7 | 7.1 | 0.9 | 17.7 | 13.0 | 1.6 | 0.9 |
| 3/10E | 17,445 | 6,199 | 36.2 | 15.3 | 6.2 | 0.8 | 16.2 | 13.6 | 1.5 | 0.8 |

\& We expect NII growth of $13 \%$ on the back of the stable margins with an upward bias and $\sim 25 \%$ advances growth. During the quarter, the bank raised Rs21b of capital through a rights issue, which would also help to expand margins.

* Higher than expected recoveries during the quarter could provide positive surprises to our earnings estimates.
\& Asset quality has improved substantially, with gross NPAs at $2.76 \%$ and net NPAs at $0.29 \%$ as of December 2007. We expect NPA provisions to remain low.
\& Federal Bank is a play on improving asset quality, consolidation and attractive valuations. The stock trades at 6.2 x FY10E EPS and 0.8x FY10E BV on a fully diluted basis (after taking into account the 1:1 rights issue). We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Interest Income | 4,042 | 4,296 | 4,404 | 5,272 | 5,553 | 5,943 | 6,487 | 7,119 | 18,015 | 25,101 |
| Interest Expense | 2,497 | 2,662 | 2,658 | 3,033 | 3,665 | 3,918 | 4,450 | 4,601 | 10,850 | 16,634 |
| Net Interest Income | 1,545 | 1,634 | 1,747 | 2,239 | 1,889 | 2,024 | 2,037 | 2,518 | 7,165 | 8,468 |
| \% Change (Y-o-Y) | 7.2 | 21.9 | 16.9 | 30.0 | 22.2 | 23.9 | 16.6 | 12.5 | 19.5 | 18.2 |
| Other Income | 584 | 767 | 582 | 1,095 | 1,044 | 808 | 850 | 844 | 3,026 | 3,545 |
| Net Income | 2,129 | 2,401 | 2,328 | 3,333 | 2,932 | 2,832 | 2,887 | 3,362 | 10,191 | 12,013 |
| \% Change ( $Y$-o-Y) | 14.2 | 26.0 | 17.7 | 37.8 | 37.8 | 18.0 | 24.0 | 0.9 | 24.8 | 17.9 |
| Operating Expenses | 991 | 1,011 | 973 | 1,086 | 1,048 | 1,066 | 1,210 | 1,316 | 4,061 | 4,641 |
| Operating Profit | 1,137 | 1,390 | 1,355 | 2,247 | 1,884 | 1,766 | 1,676 | 2,046 | 6,130 | 7,372 |
| Prov for Tax | 176 | 170 | 196 | 388 | 545 | 265 | 345 | 310 | 929 | 1,465 |
| Provisions and Contingencies | 559 | 526 | 321 | 867 | 670 | 548 | 302 | 620 | 2,273 | 2,140 |
| Net Profit | 402 | 695 | 838 | 993 | 669 | 953 | 1,029 | 1,115 | 2,927 | 3,767 |
| \% Change (Y-o-Y) | -17.5 | 28.2 | 17.0 | 95.6 | 66.6 | 37.2 | 22.8 | 12.4 | 30.0 | 28.7 |
| Cost to Income Ratio (\%) | 46.6 | 42.1 | 41.8 | 32.6 | 35.7 | 37.6 | 41.9 | 39.2 | 39.8 | 38.6 |
| Interest Exp./Interest Income (\%) | 61.8 | 62.0 | 60.3 | 57.5 | 66.0 | 65.9 | 68.6 | 64.6 | 60.2 | 66.3 |
| Other Income/Net Income (\%) | 27.4 | 32.0 | 25.0 | 32.8 | 35.6 | 28.5 | 29.4 | 25.1 | 29.7 | 29.5 |

E: MOSt Estimates

| STOCK INFO. |  |
| :--- | ---: |
| BSE Sensex: 16,371 | HDOOMBERG IN |
|  | REUTERS CODE |
| S\&P CNX: 4,942 | HDFC.BO |
| Equity Shares (m) | 287.1 |
|  | $3,257 / 1397$ |
| 1,6,12 Rel.Perf.(\%) | $2 / 9 / 45$ |
| M.Cap. (Rs b) | 750.4 |
| M.Cap. (US\$ b) | 18.8 |

28 March 2008

Previous Recommendation: Buy Rs2,614

| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET INCOME (RS M) | $\begin{gathered} \text { PAT } \\ (\text { RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{gathered} \text { P/E\# } \\ \text { (X) } \end{gathered}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | CAR <br> (\%) | ROAE <br> (\%) | $\begin{gathered} \text { ROAA } \\ (\%) \end{gathered}$ | P/ABV* <br> RATIO |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3/07A | 22,294 | 15,704 | 62.1 | 23.2 | 30.5 | 11.9 | 13.0 | 31.3 | 2.8 | 12.1 |
| 3/08E | 30,050 | 24,213 | 87.2 | 40.5 | 21.7 | 6.7 | 16.5 | 24.3 | 2.8 | 6.7 |
| 3/09E | 37,503 | 24,979 | 87.0 | -0.3 | 21.8 | 5.6 | 15.0 | 20.6 | 2.8 | 5.5 |
| 3/10E | 45,283 | 30,321 | 105.6 | 21.4 | 17.9 | 4.9 | 14.0 | 21.1 | 2.8 | 4.9 |

*Price is adjusted for value of key ventures; Book value adjusted for investment in subsidiaries
\& Despite concerns relating to growth in mortgages, we expect HDFC to maintain its traditional growth of $26-27 \%$ in disbursements and $25 \%+$ in loans.
\& HDFC has cut its lending rate on existing loans by 25 bp during the quarter. This cut would impact its overall yields by $\sim 5$ bp QoQ. We expect reported spreads to decline $\sim 5 \mathrm{bp}$ QoQ to $\sim 2.25 \%$. However, they would continue to be above HDFC's desired level of 2.1-2.2\%.
\& We expect a modest $24 \%$ normalized PBT growth in 4QFY08, on a higher base of 4QFY07 when HDFC enjoyed the impact of its lending rate hikes.
\& We have factored in exceptional capital gains of Rs2b from stake sale in HDFC General Insurance (26\%) to Ergo.
\& Adjusting for the value of its investments, the stock is available at 17.9 x FY10E EPS. We are optimistic about HDFC's future earnings prospects and value unlocking through its other business ventures. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3 Q | 4 Q | 1 Q | 2Q | 3 Q | 4QE |  |  |
| Income from Operations | 12,457 | 14,468 | 14,538 | 17,285 | 18,270 | 18,886 | 21,504 | 22,775 | 58,755 | 81,434 |
| Other Income | 28 | 95 | 39 | 45 | 34 | 39 | 44 | 63 | 208 | 180 |
| Reported Total Income | 12,485 | 14,563 | 14,577 | 17,330 | 18,304 | 18,925 | 21,547 | 22,838 | 58,963 | 81,614 |
| Total Income ex invst. profits | 11,975 | 13,382 | 13,896 | 16,454 | 18,044 | 18,912 | 20,513 | 22,338 | 55,705 | 79,807 |
| YoY Change (\%) | 30.7 | 35.3 | 40.2 | 43.6 | 50.7 | 41.3 | 47.6 | 31.8 | 37.8 | 38.4 |
| Interest and Other Charges | 8,014 | 9,137 | 9,475 | 10,042 | 12,451 | 12,238 | 13,160 | 13,715 | 36,669 | 51,564 |
| Other Expenses | 667 | 686 | 614 | 474 | 765 | 823 | 741 | 654 | 2,442 | 2,984 |
| Total Expenses | 8,681 | 9,823 | 10,089 | 10,517 | 13,217 | 13,061 | 13,901 | 14,370 | 39,110 | 54,587 |
| PBDT | 3,805 | 4,740 | 4,488 | 6,813 | 5,087 | 5,864 | 7,646 | 8,468 | 19,852 | 27,027 |
| YoY Change (\%) | 22.0 | 22.3 | 25.6 | 31.4 | 33.7 | 23.7 | 70.4 | 24.3 | 26.0 | 36.1 |
| Depreciation | 37 | 39 | 47 | 52 | 37 | 40 | 44 | 79 | 175 | 200 |
| PBT Pre exceptional income | 3,767 | 4,701 | 4,441 | 6,761 | 5,050 | 5,824 | 7,602 | 8,389 | 19,678 | 26,827 |
| Exceptional Profits |  |  |  |  |  | 3,133 | 1,209 | 2,000 |  | 6,342 |
| Reported PBT | 3,767 | 4,701 | 4,441 | 6,761 | 5,050 | 8,957 | 8,812 | 10,389 | 19,678 | 33,169 |
| Provision for Tax | 799 | 1,021 | 886 | 1,261 | 1,322 | 2,493 | 2,323 | 2,818 | 3,974 | 8,956 |
| Reported PAT | 2,968 | 3,680 | 3,555 | 5,501 | 3,728 | 6,464 | 6,489 | 7,571 | 15,704 | 24,213 |
| YoY Change (\%) | 20.0 | 23.1 | 25.0 | 29.0 | 25.6 | 75.6 | 82.5 | 37.6 | 24.9 | 54.4 |
| PAT ex exceptional | 2,968 | 3,680 | 3,555 | 5,501 | 3,728 | 4,310 | 5,626 | 6,188 | 15,704 | 19,852 |
| YoY Change (\%) | 20.0 | 23.1 | 25.2 | 29.0 | 25.6 | 17.1 | 58.2 | 12.5 | 24.9 | 26.4 |

$\overline{\text { E: MOSt Estimates }}$

[^7]| STOCK INFO. B | bloomberg |
| :---: | :---: |
| BSE Sensex: 16,371 | HDFCB IN |
|  | Reuters code |
| S\&P CNX: 4,942 H | HDBK.BO |
| Equity Shares (m) | 319.4 |
| 52-Week Range | 1,825/895 |
| 1,6,12 Rel.Perf.(\%) | ) 3/3/20 |
| M.Cap. (Rs b) | 447.6 |
| M.Cap. (US\$ b) | 11.2 |

28 March 2008

| Previous Recommendation: Buy |  |  |  |  |  |  |  |  | Rs1,401 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| YEAR | NET InCOME | E PAT | EPS | EPS | P/E | P/BV | CAR | Roaj | ROAA | P/ABV |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | (\%) | Ratio |
| 3/07A | 49,847 | 11,415 | 35.7 | 28.2 | 39.2 | 7.0 | 13.1 | 19.5 | 1.4 | 7.1 |
| 3/08E | 74,202 | 15,874 | 44.6 | 24.9 | 31.4 | 4.2 | 13.3 | 17.4 | 1.4 | 4.2 |
| 3/09E | 100,566 | 21,861 | 61.5 | 37.7 | 22.8 | 3.7 | 11.4 | 17.2 | 1.4 | 3.7 |
| 3/10E | 130,330 | 28,903 | 81.3 | 32.2 | 17.2 | 3.2 | 9.9 | 19.7 | 1.4 | 3.2 |

\& We expect HDFC Bank to maintain its consistent PAT growth of $30 \%+$. Margins would remain stable QoQ during 4QFY08. We expect downward pressure on yields on advances while cost of funds would remain firm. The impact of capital raising on cost of funds would also start fading.
\& We expect advances to grow strong by $\sim 55 \%$ YoY and $\sim 2 \%$ QoQ, while deposits would grow by $48 \% \mathrm{YoY}$ and $2 \%$ QoQ.
8. HDFC Bank's branch expansion has stagnated for the last three consecutive quarters due to non-receipt of new branch licenses from RBI. However, the bank has been able to reap benefits from $\sim 150$ branches opened in FY07. Branch expansion would be a key area to watch out for during 4QFY08.
\& Fee income growth is expected to sustain at $\sim 30 \%$ while lower treasury and forex income would drag other income growth. While opex continues to spiral up for the bank, overall cost-to-income ratio is likely to be 49-50\%.
8. We have not factored in the merger of CBoP with HDFC Bank in our estimates. We expect earnings CAGR of $36 \%$ over FY07-10, with RoE increasing to $20 \%$ by FY10. Stock trades at 3.2 x FY10E BV and 17.2 xY10E EPS.
\& In our view, the acquisition of CBoP was expensive and integration risks prevail. The $23 \%$ equity dilution due to share swap deal to acquire CBoP and further issue of convertible warrants to HDFC would lower return ratios. We believe that current valuations provide little upside. Downgrade to Neutral.

|  |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Interest Income | 14,444 | 15,780 | 16,989 | 19,266 | 20,692 | 23,628 | 27,269 | 28,984 | 66,479 | 100,573 |
| Interest Expense | 6,867 | 7,901 | 8,307 | 8,721 | 10,836 | 12,001 | 12,893 | 13,416 | 31,795 | 49,146 |
| Net Interest Income | 7,578 | 7,880 | 8,682 | 10,545 | 9,855 | 11,627 | 14,376 | 15,568 | 34,685 | 51,426 |
| Growth (\%) | 44.7 | 28.7 | 29.5 | 42.6 | 30.1 | 47.6 | 65.6 | 47.6 | 50.8 | 48.3 |
| Other Income | 3,508 | 3,977 | 3,733 | 3,944 | 5,725 | 4,824 | 6,789 | 5,437 | 15,162 | 22,775 |
| Net Income | 11,086 | 11,857 | 12,415 | 14,490 | 15,581 | 16,451 | 21,165 | 21,006 | 49,847 | 74,202 |
| Growth (\%) | 40.8 | 35.9 | 28.4 | 38.8 | 40.5 | 38.7 | 70.5 | 45.0 | 45.6 | 48.9 |
| Operating Expenses | 5,527 | 5,791 | 6,050 | 6,839 | 7,744 | 8,184 | 10,501 | 10,335 | 24,208 | 36,764 |
| Operating Profit | 5,558 | 6,066 | 6,365 | 7,650 | 7,837 | 8,267 | 10,664 | 10,671 | 25,639 | 37,438 |
| Provisions and Contingencies | 2,040 | 2,481 | 2,060 | 2,671 | 3,071 | 2,894 | 4,231 | 3,724 | 9,252 | 13,921 |
| Profit Before Tax | 3,518 | 3,585 | 4,305 | 4,980 | 4,766 | 5,373 | 6,432 | 6,946 | 16,388 | 23,517 |
| Provision for Taxes | 1,125 | 955 | 1,349 | 1,544 | 1,553 | 1,688 | 2,139 | 2,263 | 4,973 | 7,643 |
| Net Profit | 2,393 | 2,629 | 2,956 | 3,436 | 3,212 | 3,685 | 4,294 | 4,683 | 11,415 | 15,874 |
| Growth (\%) | 30.4 | 31.7 | 31.7 | 30.5 | 34.2 | 40.1 | 45.2 | 36.3 | 30.8 | 39.1 |
| Cost to Income Ratio (\%) | 49.9 | 48.8 | 48.7 | 47.2 | 49.7 | 49.7 | 49.6 | 49.2 | 48.6 | 49.5 |
| Interest Exp./Interest Income (\%) | 47.5 | 50.1 | 48.9 | 45.3 | 52.4 | 50.8 | 47.3 | 46.3 | 47.8 | 48.9 |
| Other Income/Total Income (\%) | 31.6 | 33.5 | 30.1 | 27.2 | 36.7 | 29.3 | 32.1 | 25.9 | 30.4 | 30.7 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | ICICIBC IN |
|  | REUTERS CODE |
| S\&P CNX: 4,942 | ICBK.BO |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs835 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net income | PAT | EPS | EPS | P/E | AP/E* | P/BV | AP/ABV* | car | Roe |
| end | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (X) | (X) | (\%) | (\%) |
| 3/07A | 125,650 | 31,102 | 34.6 | 21.2 | 23.1 | 13.3 | 3.0 | 1.3 | 11.7 | 13.4 |
| 3/08E | 160,769 | 39,357 | 35.5 | 2.7 | 22.5 | 13.0 | 1.9 | 1.2 | 13.7 | 11.0 |
| 3/09E | 209,761 | 49,487 | 44.6 | 25.7 | 17.9 | 10.3 | 1.8 | 1.2 | 11.9 | 10.2 |
| 3/10E | 267,762 | 63,083 | 56.9 | 27.5 | 14.1 | 8.1 | 1.6 | 1.1 | 10.7 | 12.0 |

*Price is adjusted for value of key ventures; Book value adjusted for investment in subsidiaries

* We expect a modest credit growth of $\sim 22 \%$ YoY, as all its business segments (especially retail) are facing slow growth. ICICI Bank has not cut its PLR and its retail lending rates continue to be higher than industry. Retail credit growth slowed down to $10 \%$ in 3QFY08 and we expect a similar trend to continue in 4QFY08. Higher interest rates would suppress its domestic loan growth.

8. This lower asset growth period would enable the bank to lessen its reliance on bulk deposits and re-price its high cost deposits raised during 2HFY07 at lower rates.
9. Margins are expected to improve during 4QFY08 to $2.3 \%+$ on account of slower asset growth and contained cost of funds.
10. We expect cost-to-income ratio to shoot up to $\sim 53 \%$ during 4QFY08 as other income growth is likely to be lower than earlier quarters while massive branch expansion would mean operating costs continue to increase.
\& With deteriorating asset quality and exposure to riskier asset classes, we expect NPA provisions to remain high, denting earnings growth. Higher MTM losses on overseas credit derivative is another risk to earnings.
\& Excluding subsidiaries, the stock trades at 8.1x FY10E EPS and 1.1x FY10E BV. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3 Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Interest Income | 47,721 | 52,267 | 56,009 | 63,956 | 73,308 | 75,165 | 79,118 | 82,117 | 219,956 | 309,708 |
| Interest Expense | 35,634 | 38,924 | 41,159 | 47,869 | 58,519 | 57,305 | 59,521 | 61,721 | 163,585 | 237,065 |
| Net Interest Income | 12,088 | 13,343 | 14,850 | 16,087 | 14,790 | 17,860 | 19,597 | 20,396 | 56,371 | 72,643 |
| Growth (\%) | N.M. | N.M. | N.M. | N.M. | 22.4 | 33.9 | 32.0 | 26.8 | 44.3 | 28.9 |
| Other Income | 12,776 | 15,701 | 19,806 | 21,000 | 19,506 | 20,719 | 24,266 | 23,635 | 69,279 | 88,126 |
| Net Income | 24,863 | 29,044 | 34,656 | 37,087 | 34,295 | 38,579 | 43,863 | 44,031 | 125,650 | 160,769 |
| Operating Expenses | 15,215 | 15,352 | 17,133 | 19,206 | 19,053 | 19,708 | 21,276 | 23,480 | 66,906 | 83,517 |
| Operating Profit | 9,648 | 13,691 | 17,524 | 17,881 | 15,242 | 18,871 | 22,587 | 20,551 | 58,744 | 77,252 |
| Growth (\%) | -0.6 | 31.1 | 46.7 | 20.7 | 58.0 | 37.8 | 28.9 | 14.9 | 51.1 | 31.5 |
| Provisions and Contingencies | 2,169 | 4,660 | 6,672 | 8,760 | 5,523 | 6,445 | 7,603 | 9,092 | 22,294 | 28,663 |
| Profit before Tax | 7,480 | 9,031 | 10,852 | 9,121 | 9,720 | 12,427 | 14,984 | 11,460 | 36,450 | 48,589 |
| Provision for Taxes | 1,286 | 1,475 | 1,751 | 870 | 1,969 | 2,401 | 2,681 | 2,181 | 5,348 | 9,232 |
| Net Profit | 6,194 | 7,556 | 9,101 | 8,251 | 7,751 | 10,026 | 12,303 | 9,278 | 31,102 | 39,357 |
| Growth (\%) | 16.9 | 30.3 | 42.2 | 4.5 | 25.1 | 32.7 | 35.2 | 12.4 | 22.4 | 26.5 |
| Interest Exp,/Interest Income (\%) | 74.7 | 74.5 | 73.5 | 74.8 | 79.8 | 76.2 | 75.2 | 75.2 | 74.4 | 76.5 |
| Other Income/Net Income (\%) | 51.4 | 54.1 | 57.1 | 56.6 | 56.9 | 53.7 | 55.3 | 53.7 | 55.1 | 54.8 |
| Cost /Income (\%) | 61.2 | 52.9 | 49.4 | 51.8 | 55.6 | 51.1 | 48.5 | 53.3 | 53.2 | 51.9 |

$\overline{\text { E: MOSt Estimates }}$

# Indian Bank 

| STOCK INFO. BLOOMBERG <br> BSE Sensex: 16,371 INBK IN |  |
| :--- | ---: |
| REUTERS CODE  |  |
| S\&P CNX: 4,942 INBA.BO |  |
| Equity Shares (m) | 429.8 |
| 52-Week Range | $256 / 83$ |
| 1,6,12 Rel.Perf.(\%) | $-6 / 12 / 65$ |
| M.Cap. (Rs b) | 73.5 |
| M.Cap. (US\$ b) | 1.8 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Buy } \\ & \text { Rs171 } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR | NET INCOME | PAT | EPS | EPS | P/E | P/BV | CAR | ROAE | ROAA | P/ABV |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | (\%) | RATIO |
| 3/07A | 26,052 | 7,598 | 17.7 | 20.5 | 9.7 | 2.3 | 14.1 | 29.9 | 1.5 | 2.3 |
| 3/08E | 30,349 | 10,280 | 23.9 | 35.3 | 7.1 | 1.8 | 12.7 | 28.3 | 1.7 | 1.8 |
| 3/09E | 34,606 | 11,795 | 27.4 | 14.7 | 6.2 | 1.5 | 11.2 | 26.2 | 1.6 | 1.5 |
| 3/10E | 39,260 | 13,342 | 31.0 | 13.1 | 5.5 | 1.2 | 11.3 | 24.3 | 1.6 | 1.2 |

\& Considering the bank's comfortable liquidity position, we expect loan book growth to remain strong at $>30 \%$ YoY higher than industry growth rate. The bank continues to focus on high yielding SME, agricultural and retail advances.
\& We expect margins to sustain at 3 QFY 08 levels, with an upward bias due to strong credit offtake and improvement in incremental C-D ratio. The proportion of bulk deposits for Indian Bank at $\sim 8 \%$ is one of the lowest amongst the state-owned banks.
\& Strong recoveries would also drive earnings growth during the quarter.
\& The bank' s higher operating profitability would enable it to make higher provisions towards AS-15 liability, NPAs and standard assets.

* The stock trades at $5.5 x$ FY10E EPS and 1.2x FY10E BV. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Interest Income | 9,336 | 10,102 | 10,545 | 11,965 | 11,824 | 12,330 | 13,754 | 14,613 | 41,948 | 52,520 |
| Interest Expense | 5,468 | 5,785 | 6,407 | 6,466 | 7,124 | 7,862 | 8,137 | 8,610 | 24,126 | 31,733 |
| Net Interest Income | 3,868 | 4,317 | 4,138 | 5,499 | 4,700 | 4,468 | 5,617 | 6,003 | 17,822 | 20,787 |
| \% Change (Y-o-Y) | 13.6 | 20.0 | 12.1 | 24.8 | 21.5 | 3.5 | 35.7 | 9.2 | 18.0 | 16.6 |
| Other Income | 1,148 | 1,661 | 1,751 | 3,671 | 1,944 | 2,601 | 3,006 | 2,010 | 8,231 | 9,561 |
| Net Income | 5,016 | 5,978 | 5,889 | 9,170 | 6,644 | 7,069 | 8,623 | 8,013 | 26,052 | 30,349 |
| \% Change (Y-o-Y) | 9.4 | 21.1 | 23.2 | 50.0 | 32.5 | 18.3 | 46.4 | -12.6 | 32.0 | 16.5 |
| Operating Expenses | 2,721 | 3,005 | 2,987 | 3,754 | 3,346 | 3,635 | 3,991 | 3,933 | 12,467 | 14,905 |
| Operating Profit | 2,295 | 2,973 | 2,903 | 5,416 | 3,297 | 3,434 | 4,632 | 4,080 | 13,586 | 15,444 |
| Other Provisions | 417 | 1,043 | 797 | 2,486 | 907 | 497 | 1,057 | 889 | 4,744 | 3,350 |
| Profit Before tax | 1,878 | 1,930 | 2,105 | 2,930 | 2,390 | 2,937 | 3,575 | 3,191 | 8,842 | 12,094 |
| Tax Provisions | 230 | 238 | 200 | 577 | 270 | 461 | 500 | 583 | 1,244 | 1,814 |
| Net Profit | 1,648 | 1,692 | 1,905 | 2,353 | 2,120 | 2,476 | 3,075 | 2,608 | 7,598 | 10,280 |
| \% Change (Y-o-Y) | 20.7 | 60.2 | 54.7 | 69.2 | 28.7 | 46.4 | 61.4 | 10.8 | 50.6 | 35.3 |
| Cost to Income Ratio (\%) | 54.2 | 50.3 | 50.7 | 40.9 | 50.4 | 51.4 | 46.3 | 49.1 | 47.9 | 49.1 |
| Interest Exp./Interest Income (\%) | 58.6 | 57.3 | 60.8 | 54.0 | 60.3 | 63.8 | 59.2 | 58.9 | 57.5 | 60.4 |
| Other Income/Net Income (\%) | 22.9 | 27.8 | 29.7 | 40.0 | 29.3 | 36.8 | 34.9 | 25.1 | 31.6 | 31.5 |

$\overline{\text { E: MOSt Estimates }}$

[^8]
# Indian Overseas Bank 

| STOCK INFO. BLOOMBERG <br> BSE Sensex: 16,371 IOB IN <br> REUTERS CODE  <br> S\&P CNX: 4,942 IOBK.BO |  |
| :--- | ---: |
| Equity Shares (m) | 544.8 |
| 52-Week Range | $229 / 93$ |
| 1,6,12 Rel.Perf.(\%) | $-11 /-1 / 3$ |
| M.Cap. (Rs b) | 73.8 |
| M.Cap. (US\$ b) | 1.9 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Buy } \\ & \text { Rs136 } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR | NET INCOME | PAT | EPS | EPS | P/E | P/BV | CAR | ROAE | ROAA | P/ABV |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | (\%) | RATIO |
| 3/07A | 29,478 | 10,084 | 18.5 | 28.7 | 7.3 | 1.9 | 13.3 | 29.1 | 1.4 | 2.0 |
| 3/08E | 33,594 | 12,040 | 22.1 | 19.4 | 6.1 | 1.5 | 12.9 | 27.6 | 1.3 | 1.6 |
| 3/09E | 38,927 | 13,849 | 25.4 | 15.0 | 5.3 | 1.2 | 12.4 | 25.5 | 1.3 | 1.3 |
| 3/10E | 45,264 | 15,960 | 29.3 | 15.2 | 4.6 | 1.1 | 11.5 | 24.6 | 1.2 | 1.1 |

\& We expect the bank's loan book to grow $24 \%$ YoY. High base effet of 4QFY07 would lead to moderate growth in overall business.

* Margins are likely to remain at 3 QFY08 levels. However, they would continue to be significantly ( $\sim 60 \mathrm{bp}$ ) lower than the historical level of $\sim 4 \%$, as cost of funds has increased significantly.
\& We expect fee income to grow $20-22 \%$. However, lower treasury profits would keep non-interest income growth subdued.
\& Asset quality is strong, with gross NPAs at $1.87 \%$ and net NPAs at $0.36 \%$ in 3 QFY08. We do not expect material weakness in the bank's asset quality; NPA provisions are likely to remain low. However, classification of some infrastructure loans as NPAs (purely on technical grounds) could lead to worsening of asset quality and increase provisions. We have factored in the higher MTM provision of $\sim \mathrm{Rs} 400 \mathrm{~m}$ on the bank' s equity portfolio.
\& PAT growth is likely to remain almost flat in 4QFY08, driven by lower NII and the provisions on its equity portfolio.
\& The stock is trades at $4.6 x$ FY10E EPS and 1.1x FY10E BV. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 O | 3 Q | 4 Q | 10 | 20 | 30 | 4QE |  |  |
| Interest Income | 12,409 | 13,721 | 14,737 | 17,454 | 18,462 | 19,303 | 20,759 | 21,947 | 58,321 | 80,471 |
| Interest Expense | 6,654 | 7,602 | 8,686 | 9,771 | 11,372 | 12,982 | 14,199 | 14,827 | 32,713 | 53,379 |
| Net Interest Income | 5,755 | 6,119 | 6,051 | 7,682 | 7,090 | 6,321 | 6,560 | 7,120 | 25,608 | 27,091 |
| \% Change ( Y -o-Y) | N.M | N.M | N.M | N.M | 23.2 | 3.3 | 8.4 | -7.3 | 23.9 | 5.8 |
| Other Income | -342 | 964 | 1,344 | 1,905 | 616 | 1,745 | 2,195 | 1,948 | 3,870 | 6,503 |
| Net Income | 5,413 | 7,083 | 7,395 | 9,587 | 7,706 | 8,066 | 8,755 | 9,067 | 29,478 | 33,594 |
| \% Change ( Y -o-Y) | N.M | N.M | N.M | N.M | 42.4 | 13.9 | 18.4 | -5.4 | 5.5 | 14.0 |
| Operating Expenses | 3,302 | 3,491 | 3,116 | 3,970 | 3,614 | 3,486 | 3,824 | 3,698 | 13,878 | 14,622 |
| Operating Profit | 2,111 | 3,592 | 4,279 | 5,618 | 4,092 | 4,580 | 4,931 | 5,369 | 15,600 | 18,972 |
| Other Provisions | -554 | -15 | 615 | 1,820 | 620 | 83 | 367 | 1,180 | 1,866 | 2,250 |
| Tax Provisions | 445 | 1,108 | 1,197 | 900 | 787 | 1,300 | 1,482 | 1,113 | 3,650 | 4,682 |
| Net Profit | 2,220 | 2,499 | 2,468 | 2,898 | 2,685 | 3,197 | 3,082 | 3,076 | 10,084 | 12,040 |
| \% Change ( $Y$-o-Y) | 21.2 | 25.9 | 25.1 | 41.7 | 20.9 | 28.0 | 24.9 | 6.2 | 28.7 | 19.4 |
| Cost to Income Ratio (\%) | 61.0 | 49.3 | 42.1 | 41.4 | 46.9 | 43.2 | 43.7 | 40.8 | 47.1 | 43.5 |
| Interest Exp./Interest Income (\%) | 53.6 | 55.4 | 58.9 | 56.0 | 61.6 | 67.3 | 68.4 | 67.6 | 56.1 | 66.3 |
| Other Income/Net Income (\%) | -6.3 | 13.6 | 18.2 | 19.9 | 8.0 | 21.6 | 25.1 | 21.5 | 13.1 | 19.4 |

E: MOSt Estimates; HTM ammortisation is included in the other income

# Jammu \& Kashmir Bank 

| STOCK INFO. | BLOOMBERG |  |
| :--- | ---: | :---: |
| BSE Sensex: 16,371 | JKBK IN |  |
|  | REUTERS CODE |  |
| S\&P CNX: 4,942 | JKBK.BO |  |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | $\begin{array}{r} \text { Buy } \\ \text { Rs670 } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR | NET INCOME | PAT | EPS | EPS | P/E | P/BV | CAR | RoAE | ROAA | P/ABV |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | (\%) | RATIO |
| 3/07A | 9,281 | 2,745 | 56.6 | 55.2 | 11.8 | 1.6 | 13.2 | 14.4 | 1.0 | 1.7 |
| 3/08E | 10,531 | 4,011 | 82.7 | 46.1 | 8.1 | 1.4 | 12.1 | 18.5 | 1.3 | 1.5 |
| 3/09E | 12,324 | 4,669 | 96.3 | 16.4 | 7.0 | 1.2 | 11.6 | 18.5 | 1.2 | 1.3 |
| 3/10E | 14,771 | 5,775 | 119.1 | 23.7 | 5.6 | 1.0 | 11.6 | 19.6 | 1.3 | 1.1 |

\& NII is likely to grow $9 \%$ YoY to Rs 2.2 b in 4 QFY 08 on the back of modest growth of $23 \%+$ in loan book. The management's sability to source core deposits to fund this growth without impacting margins would be a key factor to watch.
\& Fee income growth aided by insurance distribution commission would be a key earnings driver. We expect the same trend to continue during 4 QFY 08 .

* Asset quality deteriorated significantly during 4QFY07 (net NPAs increased to $>1 \%$ ), as some legacy accounts were recognized as NPAs, which led to significant rise in NPA provisions. The management has guided improvement in asset quality through recoveries during FY08. Some signs of improvement in asset quality were visible during 9MFY08. Asset quality improvement would be a key area to watch out for, going forward.
\& We expect PAT to grow $123 \%$ YoY in 4 QFY08 on the back of low base effect and strong fee-based income. In 4QFY07, the bank had made excess provisions on NPA and standard assets.
\& The stock currently trades at 5.6x FY10E EPS and 1.0x FY09E BV. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Interest Income | 4,547 | 4,605 | 4,631 | 5,210 | 5,751 | 5,967 | 6,183 | 6,631 | 18,993 | 24,531 |
| Interest Expenses | 2,760 | 2,688 | 2,680 | 3,187 | 3,854 | 4,016 | 4,169 | 4,428 | 11,315 | 16,468 |
| Net Interest Income | 1,786 | 1,918 | 1,951 | 2,024 | 1,896 | 1,951 | 2,013 | 2,203 | 7,678 | 8,063 |
| \% Change (Y-o-Y) | N.M | N.M | N.M | N.M | 6.2 | 1.7 | 3.2 | 8.8 | 15.7 | 5.0 |
| Other Income | 217 | 358 | 327 | 701 | 358 | 581 | 705 | 824 | 1,602 | 2,467 |
| Net Income | 2,003 | 2,276 | 2,278 | 2,725 | 2,254 | 2,532 | 2,718 | 3,026 | 9,281 | 10,531 |
| Operating Expenses | 829 | 914 | 888 | 1,094 | 943 | 1,034 | 1,039 | 1,178 | 3,724 | 4,193 |
| Operating Profit | 1,174 | 1,362 | 1,390 | 1,631 | 1,312 | 1,498 | 1,679 | 1,849 | 5,556 | 6,338 |
| \% Change ( $Y$-o-Y) | N.M | N.M | N.M | N.M | 11.7 | 10.0 | 20.8 | 13.4 | 29.4 | 14.1 |
| Prov. \& Contingencies | 291 | 192 | 301 | 621 | 190 | 40 | 88 | 207 | 1,404 | 525 |
| Profit before Tax | 884 | 1,170 | 1,089 | 1,010 | 1,122 | 1,458 | 1,591 | 1,641 | 4,152 | 5,813 |
| Provision for Taxes | 260 | 340 | 250 | 557 | 289 | 380 | 500 | 632 | 1,407 | 1,802 |
| Net Profit | 624 | 830 | 839 | 453 | 832 | 1,078 | 1,091 | 1,009 | 2,745 | 4,011 |
| \% Change ( $Y$-o-Y) | 28.8 | 50.9 | 65.6 | 98.6 | 33.4 | 30.0 | 30.1 | 122.9 | 55.2 | 46.1 |
| Cost to Income (\%) | 41.4 | 40.2 | 39.0 | 40.1 | 41.8 | 40.8 | 38.2 | 38.9 | 40.1 | 39.8 |
| Int.Expense/Int. Earned (\%) | 60.7 | 58.4 | 57.9 | 61.2 | 67.0 | 67.3 | 67.4 | 66.8 | 59.6 | 67.1 |
| Other Income/Net Income (\%) | 10.8 | 15.7 | 14.3 | 25.7 | 15.9 | 22.9 | 25.9 | 27.2 | 17.3 | 23.4 |

E: MOSt Estimates; HTM ammortisation is included in the other income

# Karnataka Bank 

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | KBL IN |
|  | REUTERS CODE |
| S\&P CNX: 4,942 | KNBK.BO |
| Equity Shares (m) | 121.3 |
| 52-Week Range | $286 / 160$ |
| 1,6,12 Rel.Perf.(\%) | $-14 /-4 /-7$ |
| M.Cap. (Rs b) | 24.7 |
| M.Cap. (US\$ b) | 0.6 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Buy } \\ & \text { Rs203 } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR | NET INCOME | PAT | EPS | EPS | P/E | P/BV | CAR | ROAE | ROAA | P/ABV |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | (\%) | Ratio |
| 3/07A | 5,941 | 1,770 | 14.6 | 0.5 | 13.9 | 2.0 | 11.5 | 15.1 | 1.1 | 2.1 |
| 3/08E | 7,054 | 2,350 | 18.4 | 26.1 | 11.1 | 1.7 | 13.5 | 16.8 | 1.3 | 1.8 |
| 3/09E | 8,001 | 2,705 | 21.2 | 15.1 | 9.6 | 1.5 | 13.3 | 16.2 | 1.3 | 1.6 |
| 3/10E | 9,307 | 3,169 | 24.8 | 17.2 | 8.2 | 1.3 | 12.5 | 16.6 | 1.3 | 1.4 |

25 We expect margins to remain under pressure for the bank on subdued advances growth of $\sim 20 \%$. We believe that yields on advances have peaked.

25 The bank has shown robust growth of $35 \%$ in traditional fee income during FY07. Even during 9MFY08, fee income grew by $25 \%+$. We expect the bank to continue to maintain $\sim 25 \%$ growth in non-treasury other income, going forward.

25 There have been some issues about the bank's asset quality. Its net NPA ratio continues to be $>1 \%$. Asset quality, provisions and recoveries would be key aspects to watch for and could bring in surprises to our estimates.
\& Karnataka Bank is a play on improving key operating parameters and consolidation. The stock trades at 8.2x FY10E EPS and 1.3x FY10E BV. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Interest Income | 2,858 | 2,953 | 3,220 | 3,532 | 3,619 | 3,828 | 4,055 | 4,327 | 12,563 | 15,828 |
| Interest Expense | 1,904 | 2,047 | 2,170 | 2,243 | 2,375 | 2,721 | 2,897 | 3,050 | 8,364 | 11,043 |
| Net Interest Income | 953 | 906 | 1,050 | 1,289 | 1,244 | 1,106 | 1,158 | 1,277 | 4,199 | 4,785 |
| \% Change (Y-o-Y) | 5.0 | 18.8 | 7.5 | 27.5 | 30.5 | 22.0 | 10.2 | -0.9 | 14.8 | 14.0 |
| Other Income | 449 | 487 | 397 | 410 | 418 | 569 | 739 | 543 | 1,743 | 2,269 |
| Net Income | 1,402 | 1,393 | 1,448 | 1,698 | 1,662 | 1,675 | 1,897 | 1,820 | 5,941 | 7,054 |
| \% Change (Y-o-Y) | 1.2 | 14.7 | 7.7 | 22.8 | 18.5 | 20.2 | 31.1 | 7.2 | 11.5 | 18.7 |
| Operating Expenses | 520 | 653 | 553 | 650 | 623 | 768 | 682 | 665 | 2,376 | 2,738 |
| Operating Profit | 882 | 741 | 895 | 1,049 | 1,038 | 907 | 1,215 | 1,155 | 3,566 | 4,316 |
| Other Provisions | 331 | -163 | 62 | 608 | 246 | -86 | 105 | 435 | 838 | 700 |
| Tax Provisions | 183 | 308 | 294 | 173 | 275 | 392 | 420 | 180 | 957 | 1,266 |
| Net Profit | 368 | 596 | 539 | 268 | 518 | 601 | 690 | 541 | 1,770 | 2,350 |
| \% Change (Y-o-Y) | -11.8 | 42.8 | 29.8 | -47.5 | 40.8 | 0.9 | 28.1 | 102.1 | 0.6 | 32.8 |
| Cost to Income Ratio (\%) | 37.1 | 46.8 | 38.2 | 38.3 | 37.5 | 45.8 | 36.0 | 36.5 | 40.0 | 38.8 |
| Interest Exp./Interest Income (\%) | 66.6 | 69.3 | 67.4 | 63.5 | 65.6 | 71.1 | 71.4 | 70.5 | 66.6 | 69.8 |
| Other Income/Net Income (\%) | 32.0 | 35.0 | 27.4 | 24.1 | 25.1 | 34.0 | 39.0 | 29.8 | 29.3 | 32.2 |

[^9]
# Oriental Bank of Commerce 

| stock info. BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | OBC IN |
|  | reuters code |
| S\&P CNX: 4,942 | ORBC.BO |
| Equity Shares (m) | 250.5 |
| 52-Week Range | 321/158 |
| 1,6,12 Rel. Perf.(\%) | \%) -17/-18/-25 |
| M.Cap. (Rs b) | 46.5 |
| M.Cap. (US\$ b) | 1.2 |

28 March 2008

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs186 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| year | net income | E PAT | EPS | EPS | P/E | P/BV | CAR | Roae | ROAA | P/ABV |
| End | (RS M) | (RS M) | (RS) | GRowTH (\%) | (X) | (X) | (\%) | (\%) | (\%) | ratio |
| 3/07A | 22,946 | 8,268 | 33.0 | 2.9 | 5.6 | 0.9 | 12.5 | 15.4 | 1.2 | 0.9 |
| 3/08E | 22,879 | 8,331 | 33.3 | 0.8 | 5.6 | 0.8 | 12.0 | 14.3 | 1.0 | 0.8 |
| 3/09E | 26,151 | 9,335 | 37.3 | 12.0 | 5.0 | 0.7 | 11.0 | 14.8 | 1.0 | 0.7 |
| 3/10E | 30,042 | 10,309 | 41.1 | 10.4 | 4.5 | 0.6 | 11.0 | 15.0 | 0.9 | 0.7 |

\& We expect OBC' s margins to remain stable at 3QFY08 levels, with an upward bias. In 3QFY08, the bank had shed Rs 45 b of bulk deposits. However, the proportion of bulk deposits continues to be $25 \%+$. Higher proportion of bulk deposits would continue to put pressure on margins. Advances should grow in line with the industry at $23 \%+$.

* Sustained growth in fee income, higher recoveries and controlled operating costs would help the bank to report operating profits similar to 4QFY07 levels.
\& OBC continues to enjoy robust asset quality, with net NPAs at $0.67 \%$. Recoveries are expected to remain strong. Moreover, the bank has a pool of Rs 2.5 b of specific NPA provisions made in excess of the RBI requirement.

8 We expect the bank to report $68 \%$ growth in net profit due to reduced provisioning requirements as compared to 4QFY07. In 4QFY07, provisions had increased substantially on account of increased regulatory requirement of standard asset provisions and higher MTM depreciation on investment portfolio.
\& The stock is trading at $4.5 x$ FY10E EPS and 0.6x FY10E BV. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 10 | 20 | $3 Q$ | 4QE |  |  |
| Interest Income | 11,353 | 12,822 | 13,137 | 14,336 | 15,341 | 16,457 | 17,479 | 17,976 | 51,649 | 67,253 |
| Interest Expense | 7,244 | 8,695 | 8,924 | 9,874 | 10,910 | 12,462 | 13,456 | 13,575 | 34,736 | 50,402 |
| Net Interest Income | 4,110 | 4,128 | 4,213 | 4,462 | 4,431 | 3,995 | 4,024 | 4,402 | 16,913 | 16,851 |
| \% Change (YoY) | 2.0 | 2.1 | 6.7 | 10.7 | 7.8 | -3.2 | -4.5 | -1.4 | 5.4 | -0.4 |
| Other Income | 1,687 | 1,579 | 1,330 | 1,437 | 1,462 | 1,425 | 1,674 | 1,467 | 6,033 | 6,028 |
| Net Income | 5,797 | 5,707 | 5,543 | 5,899 | 5,893 | 5,420 | 5,697 | 5,868 | 22,946 | 22,879 |
| \% Change (YoY) | 16.3 | -1.0 | 6.3 | 5.0 | 1.7 | -5.0 | 2.8 | -0.5 | 6.3 | -0.3 |
| Operating Expenses | 2,287 | 2,566 | 2,476 | 2,650 | 2,642 | 2,698 | 2,730 | 2,734 | 9,979 | 10,804 |
| Operating Profit | 3,510 | 3,141 | 3,067 | 3,249 | 3,251 | 2,722 | 2,967 | 3,134 | 12,967 | 12,075 |
| Provision \& Contingencies | 1,477 | -737 | 81 | 1,616 | 506 | -191 | 258 | 377 | 2,436 | 950 |
| PBT | 2,033 | 3,878 | 2,986 | 1,633 | 2,745 | 2,913 | 2,710 | 2,757 | 10,531 | 11,125 |
| Tax Provisions | 481 | 771 | 550 | 462 | 741 | 551 | 713 | 790 | 2,263 | 2,794 |
| Net Profit | 1,553 | 3,108 | 2,437 | 1,171 | 2,004 | 2,362 | 1,997 | 1,967 | 8,268 | 8,331 |
| \% Change (YoY) | 48.2 | 37.2 | 19.1 | -56.2 | 29.1 | -24.0 | -18.0 | 67.9 | 2.9 | 0.8 |
| Cost to Income Ratio (\%) | 39.4 | 43.4 | 44.7 | 44.9 | 44.8 | 49.8 | 47.9 | 46.6 | 43.5 | 47.2 |
| Int Exp/ Int Earned (\%) | 63.8 | 59.9 | 67.9 | 68.9 | 71.1 | 75.7 | 77.0 | 75.5 | 67.3 | 74.9 |
| Other Income / Net Income (\%) | 29.1 | 29.9 | 24.0 | 24.4 | 24.8 | 26.3 | 29.4 | 25.0 | 26.3 | 26.3 |

$\overline{\text { E: MOSt Estimates }}$

[^10]
# Punjab National Bank 

| STOCK INFO. BLOOMBERG <br> BSE Sensex: 16,371 PNB IN <br> REUTERS CODE  <br> S\&P CNX: 4,942 PNB.BO <br> Equity Shares (m) 315.3 <br>  $721 / 420$ <br> 1,6,12 Rel.Perf.(\%) $-1 / 3 /-13$ <br> M.Cap. (Rs b) 166.4 <br> M.Cap. (US\$ b) 4.2 |
| :--- | ---: |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | $\begin{array}{r} \text { Buy } \\ \text { Rs528 } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| Year | net income | at | Ps | EPS | P/E | Priv | car | Roas | Roas | P/ABV |
| end | (RS M) | (RS M) | (RS) | owth (\%) | (x) | (x) | (\%) | (\%) | (\%) | ratio |
| 3/07A | 65,569 | 15,401 | 48.8 | 7.0 | 10.8 | 1.6 | 12.3 | 16.0 | 1.0 | 1.7 |
| 3/08E | 68,746 | 18,233 | 57.8 | 18.4 | 9.1 | 1.4 | 11.6 | 16.8 | 1.0 | 1.6 |
| 3/09E | 82,947 | 21,873 | 69.4 | 20.0 | 7.6 | 1.3 | 11.0 | 17.7 | 1.1 | 1.4 |
| 3/10E | 96,719 | 26,172 | 83.0 | 19.7 | 6.4 | 1.1 | 10.5 | 18.5 | 1.1 | 1.2 |

\& We expect advances growth to remain <20\%, as the bank is undergoing balance sheet restructuring to lower the proportion of low yielding short-term advances.
8. We expect margins to remain stable QoQ but decline YoY on account of aggressive intake of high cost deposits during 4QFY07. While yield improvement would be marginal going forward, managing the rising cost of funds would be a major challenge for the bank. We expect 7\% YoY growth in NII.
\& We remain concerned about the sharp deterioration in asset quality during the last couple of quarters. The management is, however, confident of recovering the slippages and bringing down NPA ratios. We expect NPA provisions to remain high for the next couple of quarters.
\& On a YoY basis, earnings growth would remain strong (34\%) despite modest operating profit growth, on account of lower NPA provisions during 4QFY08. PNB' sNPA provisions had shot up during 4QFY07 as asset quality worsened significantly.
\& The stock is trading at $6.4 x$ FY10E EPS and 1.1x FY10E BV. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4 Q | 1Q | 2Q | 3 Q | 4QE |  |  |
| Interest Income | 25,591 | 26,882 | 28,716 | 31,184 | 32,860 | 34,631 | 36,361 | 38,156 | 112,362 | 142,009 |
| Interest Expense | 13,476 | 14,015 | 15,024 | 17,714 | 19,850 | 21,716 | 22,119 | 23,690 | 60,229 | 87,376 |
| Net Interest Income | 12,115 | 12,867 | 13,691 | 13,470 | 13,010 | 12,915 | 14,242 | 14,466 | 52,133 | 54,633 |
| \% Change (YoY) | N.M | N.M | N.M | N.M | 7.4 | 0.4 | 4.0 | 7.4 |  | 4.8 |
| Other Income | -227 | 3,710 | 3,998 | 5,944 | 113 | 4,678 | 4,834 | 4,487 | 13,436 | 14,113 |
| Net Income | 11,888 | 16,577 | 17,689 | 19,414 | 13,124 | 17,593 | 19,076 | 18,953 | 65,569 | 68,746 |
| \% Change (YoY) | N.M | N.M | N.M | N.M | 10.4 | 6.1 | 7.8 | -2.4 | 11.2 | 4.8 |
| Operating Expenses | 6,969 | 7,580 | 8,123 | 10,591 | 8,770 | 9,043 | 9,165 | 9,506 | 33,262 | 36,483 |
| Operating Profit | 4,920 | 8,997 | 9,567 | 8,824 | 4,354 | 8,550 | 9,912 | 9,447 | 32,306 | 32,263 |
| Provision \& Contingencies | -216 | 1,127 | 3,577 | 6,127 | -1,905 | 778 | 1,576 | 5,001 | 10,615 | 5,450 |
| PBT | 5,135 | 7,870 | 5,990 | 2,697 | 6,259 | 7,772 | 8,336 | 4,447 | 21,691 | 26,813 |
| Tax Provisions | 1,460 | 2,820 | 1,691 | 320 | 2,009 | 2,386 | 2,923 | 1,262 | 6,291 | 8,580 |
| Net Profit | 3,675 | 5,050 | 4,299 | 2,377 | 4,250 | 5,385 | 5,413 | 3,185 | 15,401 | 18,233 |
| \% Change (YoY) | 2.6 | 19.7 | 16.0 | -17.7 | 15.6 | 6.6 | 25.9 | 34.0 | 7.0 | 18.4 |
| Cost to Income Ratio (\%) | 58.6 | 45.7 | 45.9 | 54.6 | 66.8 | 51.4 | 48.0 | 50.2 | 50.7 | 53.1 |
| Int exp/ Int Earned (\%) | 52.7 | 52.1 | 52.3 | 56.8 | 60.4 | 62.7 | 60.8 | 62.1 | 53.6 | 61.5 |
| Other Income / Net Income (\%) | -1.9 | 22.4 | 22.6 | 30.6 | 0.9 | 26.6 | 25.3 | 23.7 | 20.5 | 20.5 |

[^11]
# State Bank of India 

| STOCK INFO. <br> BSE Sensex: 16,371 | BLOOMBERG <br> SBIN IN |
| :---: | :---: |
|  | reuters code |
| S\&P CNX: 4,942 | SBI.BO |
| Equity Shares (m) | 631.6 |
| 52-Week Range | 2397/863 |
| 1,6,12 Rel.Perf.(\%) | ) -9/-3/56 |
| M.Cap. (Rs b) | 1060.8 |
| M.Cap. (US\$ b) | 26.6 |


| 28 March 2008 Buy |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy Rs1,680 |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET INCOME (RS B) | $\begin{gathered} \text { PAT } \\ (\text { RS B) } \end{gathered}$ | EPS <br> (RS) | CON.EPS <br> (RS) | CON. <br> P/E (X) | $\begin{gathered} \mathrm{P} / \mathrm{BV} \mathrm{C} \\ (\mathrm{X}) \end{gathered}$ | $\begin{aligned} & \text { CON. } \\ & \text { P/BV (X) } \end{aligned}$ | CAR <br> (\%) | ROAE <br> (\%) | ROAA <br> (\%) |
| 3/07A | 218.2 | 45.4 | 86.3 | 120.9 | 14.1 | 2.9 | 2.5 | 12.3 | 15.4 | 0.9 |
| 3/08E | 254.1 | 65.8 | 104.3 | 141.3 | 12.0 | 2.0 | 1.9 | 13.3 | 15.6 | 1.0 |
| 3/09E | 299.0 | 79.2 | 125.4 | 168.1 | 10.1 | 1.8 | 1.7 | 13.2 | 14.0 | 1.0 |
| 3/10E | 353.4 | 94.9 | 150.2 | 204.6 | 8.3 | 1.6 | 1.5 | 12.1 | 14.9 | 1.0 |

\& We expect margins to remain stable QoQ but decline YoY. Cost of funds is expected to remain stable. We do not expect lending rate cut to materially affect overall yields for bank during 4QFY08. However, absence of CRR interest coupled with lower margins would keep NII growth muted.
\& We estimate advances growth at $\sim 24 \%$ YoY and deposit growth at $\sim 22 \%$ YoY.
\& Fee income growth would remain strong at $\sim 15 \%$. Treasury profits are likely to be subdued.
\& We expect SBI to accelerate its NPA provisions during the quarter to improve the coverage ratio. The bank has not made any provision towards the transitional liability on account of revised AS-15. Whether the estimated shortfall of $\sim$ Rs 45 b is routed through opening reserves or through profit and loss account would be a key aspect to watch out for in 4QFY08.
\& The stock is trading at $8.3 x$ FY10E consolidated EPS and $1.6 x$ FY10E consolidated BV. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2Q | 3Q | 4Q | 1Q | 2 Q | 3 Q | 4QE |  |  |
| Interest Income | 84,786 | 87,996 | 94,464 | 117,296 | 110,905 | 116,163 | 126,668 | 136,026 | 384,542 | 489,762 |
| Interest Expenses | 49,466 | 52,593 | 60,072 | 72,237 | 68,891 | 78,534 | 84,105 | 90,674 | 234,368 | 322,203 |
| Net Interest Income | 35,320 | 35,403 | 34,392 | 45,059 | 42,014 | 37,629 | 42,564 | 45,353 | 150,174 | 167,559 |
| \% Change ( $Y$-o-Y) | N.M | N.M | N.M | N.M | 19.0 | 6.3 | 23.8 | 0.7 | 0.0 | 11.6 |
| Other Income | 10,882 | 14,377 | 18,220 | 24,582 | 11,386 | 20,419 | 26,972 | 27,730 | 68,060 | 86,508 |
| Net Income | 46,202 | 49,780 | 52,612 | 69,641 | 53,400 | 58,049 | 69,536 | 73,083 | 218,235 | 254,067 |
| Operating Expenses | 28,146 | 28,655 | 29,110 | 32,325 | 29,785 | 30,916 | 32,938 | 35,078 | 118,235 | 128,718 |
| Operating Profit | 18,056 | 21,125 | 23,502 | 37,316 | 23,615 | 27,132 | 36,597 | 38,005 | 99,999 | 125,349 |
| \% Change ( $Y$-o-Y) | N.M | N.M | N.M | N.M | 30.8 | 28.4 | 55.7 | 1.8 | 21.2 | 25.4 |
| Other Provisions | 2,511 | 3,213 | 6,619 | 11,753 | 1,594 | 857 | 8,044 | 13,558 | 24,096 | 24,054 |
| Provision for Taxes | 7,559 | 6,067 | 6,232 | 10,631 | 7,763 | 10,161 | 10,467 | 7,063 | 30,490 | 35,454 |
| Net Profit | 7,986 | 11,845 | 10,651 | 14,932 | 14,258 | 16,114 | 18,086 | 17,384 | 45,413 | 65,842 |
| \% Change (Y-o-Y) | -34.7 | -2.5 | -4.5 | 75.0 | 78.5 | 36.0 | 69.8 | 16.4 | 3.1 | 45.0 |
| Cost to Income Ratio | 60.9 | 57.6 | 55.3 | 46.4 | 55.8 | 53.3 | 47.4 | 48.0 | 54.2 | 50.7 |
| Interest Exp / Interest Earned | 58.3 | 59.8 | 63.6 | 61.6 | 62.1 | 67.6 | 66.4 | 66.7 | 60.9 | 65.8 |
| Other Income / Net Income | 23.6 | 28.9 | 34.6 | 35.3 | 21.3 | 35.2 | 38.8 | 37.9 | 31.2 | 34.0 |

E: MOSt Estimates

# Syndicate Bank 

| STOCK INFO. | BLOOMBERG |  |
| :--- | ---: | :---: |
| BSE Sensex: 16,371 | SNDB IN |  |
|  | REUTERS CODE |  |
| S\&P CNX: 4,942 | SBNK.BO |  |
| Equity Shares (m) | 522.0 |  |
| 52-Week Range | $131 / 57$ |  |
| 1,6,12 Rel.Perf.(\%) | $-11 /-9 /-3$ |  |
| M.Cap. (Rs b) | 41.4 |  |
| M.Cap. (US\$ b) | 1.0 |  |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs79 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net income | PAT | EPS | EPS | P/E | P/BV | car | roae | Roas | P/AbV |
| end | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | (\%) | ratio |
| 3/07A | 27,685 | 7,161 | 13.7 | 33.5 | 5.8 | 1.3 | 11.7 | 21.9 | 1.0 | 1.4 |
| 3/08E | 28,711 | 8,565 | 16.4 | 19.6 | 4.8 | 1.1 | 11.3 | 21.2 | 0.9 | 1.2 |
| 3/09E | 32,541 | 8,801 | 16.9 | 2.8 | 4.7 | 0.9 | 10.8 | 18.7 | 0.8 | 1.0 |
| 3/10E | 36,780 | 9,855 | 18.9 | 12.0 | 4.2 | 0.8 | 10.8 | 18.2 | 0.8 | 0.9 |

\& We expect NII to remain subdued and margins to be under pressure on account of slower advances growth and increased cost of deposits.
\& Strong growth in fee-based income and healthy recoveries would ensure modest growth in non-interest income.
\& The bank would lose its MAT status in FY08. Thus, tax provisions would go up. We have assumed a $20 \%$ tax rate for FY08.
\& The stock is trading at 4.2 x FY10E EPS and 0.8 x FY10E BV. Valuations are attractive. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3 Q | 4Q | 1Q | 2Q | 3 Q | 4QE |  |  |
| Interest Income | 12,308 | 14,373 | 16,353 | 17,366 | 18,463 | 19,386 | 19,870 | 20,406 | 60,401 | 78,124 |
| Interest Expense | 7,249 | 9,527 | 10,794 | 11,330 | 12,993 | 14,494 | 15,130 | 15,370 | 38,900 | 57,987 |
| Net Interest Income | 5,059 | 4,846 | 5,559 | 6,037 | 5,470 | 4,892 | 4,740 | 5,036 | 21,501 | 20,138 |
| \% Change ( $Y$-o-Y) | 7.1 | 1.0 | 3.9 | 53.3 | 8.1 | 0.9 | -14.7 | -16.6 | 14.3 | -6.3 |
| Other Income | 1,222 | 1,616 | 1,407 | 1,938 | 1,531 | 2,164 | 2,786 | 2,093 | 6,185 | 8,573 |
| Net Income | 6,281 | 6,462 | 6,966 | 7,974 | 7,001 | 7,056 | 7,527 | 7,129 | 27,685 | 28,711 |
| \% Change (Y-o-Y) | 3.9 | 6.4 | 6.8 | 35.3 | 11.5 | 9.2 | 8.0 | -10.6 | 13.3 | 3.7 |
| Operating Expenses | 3,382 | 3,471 | 3,768 | 3,239 | 3,855 | 3,795 | 3,801 | 3,854 | 13,860 | 15,305 |
| Operating Profit | 2,900 | 2,991 | 3,198 | 4,736 | 3,145 | 3,261 | 3,726 | 3,274 | 13,826 | 13,406 |
| Other Provisions | 844 | 690 | 1,395 | 3,617 | 482 | 590 | 437 | 1,192 | 6,547 | 2,700 |
| Tax Provisions | 250 | 250 | -458 | 76 | 453 | 395 | 557 | 736 | 118 | 2,141 |
| Net Profit | 1,806 | 2,051 | 2,261 | 1,043 | 2,210 | 2,276 | 2,732 | 1,346 | 7,161 | 8,565 |
| \% Change (Y-o-Y) | 10.7 | 17.1 | 20.3 | 911.5 | 22.4 | 11.0 | 20.8 | 29.1 | 33.5 | 19.6 |
| Cost to Income Ratio (\%) | 53.8 | 53.7 | 54.1 | 40.6 | 55.1 | 53.8 | 50.5 | 54.1 | 50.1 | 53.3 |
| Interest Exp./Interest Income (\%) | 58.9 | 66.3 | 66.0 | 65.2 | 70.4 | 74.8 | 76.1 | 75.3 | 64.4 | 74.2 |
| Other Income/Net Income (\%) | 19.5 | 25.0 | 20.2 | 24.3 | 21.9 | 30.7 | 37.0 | 29.4 | 22.3 | 29.9 |

E: MOSt Estimates; HTM ammortisation is included in the other income

# Union Bank of India 

| STOCK INFO. | BLOOMBERG |
| :---: | :---: |
| BSE Sensex: 16,371 | UNBK IN |
|  | Reuters code |
| S\&P CNX: 4,942 | UNBK.BO |
| Equity Shares (m) | 505.1 |
| 52-Week Range | 235/95 |
| 1,6,12 Rel.Perf.(\%) | ) -10/-5/21 |
| M.Cap. (Rs b) | 73.8 |
| M.Cap. (US\$ b) | 1.8 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Buy } \\ & \text { Rs146 } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR | NET INCOME | E PAT | EPS | EPS | P/E | P/BV | CAR | RoAE | ROAA | P/ABV |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | (\%) | RATIO |
| 3/07A | 34,768 | 8,454 | 16.7 | 25.3 | 8.7 | 1.6 | 12.8 | 19.2 | 0.9 | 1.7 |
| 3/08E | 40,973 | 11,281 | 22.3 | 33.4 | 6.5 | 1.3 | 11.6 | 21.8 | 1.0 | 1.4 |
| 3/09E | 47,185 | 13,417 | 26.6 | 18.9 | 5.5 | 1.1 | 10.5 | 22.0 | 1.0 | 1.2 |
| 3/10E | 55,960 16, | 16,484 | 32.6 | 22.9 | 4.5 | 0.9 | 10.5 | 22.8 | 1.0 | 1.0 |

\& We expect margins to remain stable QoQ at 2.8-2.85\%. Moderation in incremental cost of funds and stable yields would enable the bank to hold on to its margins.

* We expect moderate credit and deposit growth of $\sim 22 \%$, as the management's focus is on sustaining margins and reducing bulk deposits. The proportion of bulk deposits continues to be $\sim 20 \%$. However, strong growth in CASA and retail term deposits is likely to lower cost of funds QoQ .
* Core fee income is likely to grow strongly at $\sim 25 \%$ YoY on the back of increased thrust on marketing third-party products and scaling up traditional non-fund-based revenues. Strong recoveries could bring in positive surprises in other income growth.
\& Net NPAs have reduced to $<0.4 \%$ in 3QFY08. The management aims to further reduce net NPAs by following aggressive provisioning.
\& Operating profit is expected to decline YoY on account of high base effect. However, lower provisioning would lead to $15 \%$ earnings growth during 4 QFY 08 .
\& The stock is trading at $4.5 x$ FY10E EPS and $0.9 x$ FY10E BV. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Interest Income | 16,657 | 17,724 | 18,492 | 20,950 | 21,112 | 22,548 | 24,586 | 25,686 | 73,819 | 93,932 |
| Interest Expense | 10,312 | 11,449 | 11,633 | 12,526 | 13,399 | 15,820 | 16,705 | 17,512 | 45,920 | 63,436 |
| Net Interest Income | 6,345 | 6,276 | 6,859 | 8,424 | 7,713 | 6,728 | 7,881 | 8,174 | 27,900 | 30,496 |
| \% Change ( $Y$-o-Y) | 18.7 | 4.2 | 7.3 | 40.9 | 21.6 | 7.2 | 14.9 | -3.0 | 24.3 | 9.3 |
| Other Income | 1,258 | 1,918 | 1,660 | 2,033 | 1,783 | 2,708 | 3,475 | 2,511 | 6,868 | 10,477 |
| Net Income | 7,602 | 8,193 | 8,519 | 10,457 | 9,496 | 9,436 | 11,355 | 10,685 | 34,768 | 40,973 |
| \% Change (Y-o-Y) | 16.8 | 15.8 | 9.4 | 35.6 | 24.9 | 15.2 | 33.3 | 2.2 | 21.2 | 17.8 |
| Operating Expenses | 3,730 | 3,910 | 3,860 | 3,259 | 4,241 | 4,153 | 4,996 | 4,627 | 14,759 | 18,017 |
| Operating Profit | 3,872 | 4,283 | 4,659 | 7,198 | 5,255 | 5,283 | 6,359 | 6,059 | 20,008 | 22,956 |
| Other Provisions | 1,186 | 1,220 | 1,030 | 2,768 | 1,554 | 976 | 1,108 | 1,962 | 6,204 | 5,600 |
| Tax Provisions | 1,018 | 1,122 | 1,067 | 2,144 | 1,450 | 1,550 | 1,600 | 1,475 | 5,350 | 6,075 |
| Net Profit | 1,668 | 1,942 | 2,562 | 2,286 | 2,251 | 2,758 | 3,651 | 2,622 | 8,454 | 11,281 |
| \% Change ( $Y$-o-Y) | -30.6 | 217.8 | 11.8 | 58.1 | 34.9 | 42.0 | 42.5 | 14.7 | 25.3 | 33.4 |
| Cost to Income Ratio (\%) | 49.1 | 47.7 | 45.3 | 31.2 | 44.7 | 44.0 | 44.0 | 43.3 | 42.5 | 44.0 |
| Interest Exp./Interest Income (\%) | 61.9 | 64.6 | 62.9 | 59.8 | 63.5 | 70.2 | 67.9 | 68.2 | 62.2 | 67.5 |
| Other Income/Net Income (\%) | 16.5 | 23.4 | 19.5 | 19.4 | 18.8 | 28.7 | 30.6 | 23.5 | 19.8 | 25.6 |

E: MOSt Estimates; HTM ammortisation is included in the other income

# Vijaya Bank 

| STOCK INFO. BLOOMBERG <br> BSE Sensex: 16,371 VJYBK IN |  |
| :--- | ---: |
| REUTERS CODE |  |
| S\&P CNX: 4,942 VJBK.BO |  |
| Equity Shares (m) | 433.5 |
| 52-Week Range | $97 / 38$ |
| 1,6,12 Rel.Perf.(\%) | $-13 /-21 / 1$ |
| M.Cap. (Rs b) | 22.5 |
| M.Cap. (US\$ b) | 0.6 |


| 28 March 2008 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs52 |
| year | net income | PAT | EPS | EPS | P/E | P/BV | CAR | roam | ROAA | P/AbV |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | (\%) | ratio |
| 3/07A | 13,467 | 3,313 | 7.6 | 161.1 | 6.8 | 1.2 | 11.2 | 18.6 | 0.9 | 1.2 |
| 3/08E | 12,910 | 4,264 | 9.8 | 28.7 | 5.3 | 1.0 | 11.0 | 20.9 | 0.9 | 1.1 |
| 3/09E | 15,124 | 4,285 | 9.9 | 0.5 | 5.2 | 0.9 | 10.5 | 18.4 | 0.8 | 1.0 |
| 3/10E | 17,780 | 5,189 | 12.0 | 21.1 | 4.3 | 0.8 | 10.5 | 19.7 | 0.8 | 0.9 |

\& We expect NII to decline $15 \%$ YoY to Rs 2.5 b , as margins continue to be under pressure on account of high bulk deposits intake by the bank during FY07. However, NII is likely to improve by $12 \%$, sequentially.
\& Healthy recoveries and lower than expected NPA provisions could lead to positive earnings surprises.
\& Business growth would continue to be strong for the bank. Advances are likely to show $25 \%+$ YoY growth while deposits would post $20 \%+$ growth YoY. CASA ratio has improved in 3 QFY 08 to $31 \%$ and is expected to stabilize near 30\%.
\& The bank ranks amongst the best in terms of asset quality, with gross NPAs at $1.96 \%$ and net NPAs at $0.5 \%$. We expect incremental NPA provisions to remain low during the quarter.
\& The stock trades at $4.3 x$ FY10E EPS and 0.8x FY10E BV. Maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Interest Income | 6,134 | 6,742 | 7,319 | 8,036 | 8,982 | 9,644 | 10,225 | 11,076 | 28,231 | 39,928 |
| Interest Expense | 3,551 | 4,144 | 4,669 | 5,148 | 6,346 | 7,452 | 8,034 | 8,624 | 17,512 | 30,456 |
| Net Interest Income | 2,583 | 2,598 | 2,650 | 2,888 | 2,636 | 2,192 | 2,191 | 2,453 | 10,719 | 9,471 |
| \% Change (Y-o-Y) | 8.9 | 11.6 | 2.3 | 18.6 | 2.0 | -15.6 | -17.3 | -15.1 | 10.2 | -11.6 |
| Other Income | 717 | 551 | 530 | 952 | 685 | 869 | 1,167 | 718 | 2,748 | 3,438 |
| Net Income | 3,300 | 3,149 | 3,180 | 3,840 | 3,321 | 3,060 | 3,358 | 3,171 | 13,467 | 12,910 |
| \% Change ( $Y$-o-Y) | -2.9 | -3.7 | -4.3 | 19.2 | 0.7 | -2.8 | 5.6 | -7.6 | 7.2 | -4.1 |
| Operating Expenses | 1,498 | 1,550 | 1,657 | 1,802 | 1,609 | 1,615 | 1,771 | 1,816 | 6,507 | 6,810 |
| Operating Profit | 1,801 | 1,598 | 1,523 | 2,039 | 1,713 | 1,446 | 1,586 | 1,355 | 6,960 | 6,099 |
| Other Provisions | 955 | 308 | 335 | 1,885 | 349 | 311 | -225 | 465 | 3,483 | 900 |
| Tax Provisions | 120 | 268 | 260 | -483 | 250 | 83 | 543 | 61 | 164 | 936 |
| Net Profit | 726 | 1,023 | 928 | 637 | 1,114 | 1,053 | 1,269 | 829 | 3,313 | 4,264 |
| \% Change (Y-o-Y) | 163.7 | 36.3 | 57.8 | NA | 53.3 | 2.9 | 36.8 | 30.2 | 161.1 | 28.7 |
| Cost to Income Ratio (\%) | 45.4 | 49.2 | 52.1 | 46.9 | 48.4 | 52.8 | 52.8 | 57.3 | 48.3 | 52.8 |
| Interest Exp./Interest Income (\%) | 57.9 | 61.5 | 63.8 | 64.1 | 70.7 | 77.3 | 78.6 | 77.9 | 62.0 | 76.3 |
| Other Income/Net Income (\%) | 21.7 | 17.5 | 16.7 | 24.8 | 20.6 | 28.4 | 34.8 | 22.6 | 20.4 | 26.6 |

E: MOSt Estimates

|  |  |
| :--- | :---: |
| COMPANY NAME | PG. |
| ACC | 103 |
| Ambuja Cement | 104 |
| Birla Corporation | 105 |
| Grasim Industries | 106 |
| India Cements | 107 |
| Shree Cement | 108 |
| UltraTech Cement | 109 |

## 4QFY08: Highlights

## YoY comparative (v/s 4QFY07)

\% Volumes expected to be higher by $9.2 \%$

* Prices expected to be higher by $11 \%$

QoQ comparative (v/s 3QFY08)
\& Volumes expected to be higher by $13 \%$
\& Prices expected to be higher by $0.4 \%$

CEMENT INDUSTRY DYNAMICS: DEMAND AND PRICE TRENDS


Source: CMA/MOSt

|  | Volume (m ton) |  |  | REALIZATION* |
| :---: | :---: | :---: | :---: | :---: |
|  | 4QFY 08 | 4QFY 07 | GR. (\%) | Yoy (\%) |
| ACC | 5.2 | 4.9 | 4.6 | 5.3 |
| Grasim | 4.6 | 4.3 | 6.5 | 7.7 |
| Ambuja Cement | 4.0 | 3.9 | 2.0 | 9.6 |
| Ultratech | 4.9 | 5.0 | -3.6 | 6.1 |
| Birla Corp | 1.33 | 1.32 | 0.8 | 3.8 |
| India Cement | 2.18 | 1.74 | 25.5 | 23.6 |
| Shree Cement | 1.9 | 1.3 | 51.2 | 9.2 |
| Industry* | 46.1 | 42.2 | 9.2 | 11.0 |


| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) |
| Cement |  |  |  |  |  |  |  |
| ACC | Neutral | 17,839 | 9.1 | 4,681 | -7.7 | 2,937 | -10.6 |
| Ambuja Cements | Buy | 16,433 | 14.6 | 5,270 | -6.4 | 3,587 | -6.3 |
| Birla Corporation | Buy | 4,561 | 2.7 | 1,561 | 2.4 | 1,011 | -0.1 |
| Grasim Industries | Buy | 27,006 | 8.3 | 8,453 | 21.8 | 5,174 | 15.3 |
| India Cements | Buy | 8,256 | 43.4 | 2,973 | 56.0 | 1,607 | 14.9 |
| Shree Cement | Buy | 6,246 | 65.1 | 2,468 | 63.2 | 1,164 | 2791.4 |
| Ultratech Cement | Buy | 15,670 | 6.9 | 4,950 | 21.2 | 2,801 | 21.0 |
| Sector Aggregate |  | 96,011 | 13.9 | 30,356 | 13.8 | 18,282 | 11.7 |

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Pricing: cement prices stable

## 4QFY08 highlights

YoY comparative: higher by $11 \%$
QoQ comparative : higher by $0.5 \%$

4QFY08: SUMMARY PRICING TREND

|  | PRICE CHANGE (\%)* |  |
| :--- | ---: | ---: |
|  | YOY | QOQ |
| North | 7.5 | -0.4 |
| East | 4.4 | -1.8 |
| West | 10.4 | 1.9 |
| South | 21.7 | 2.2 |
| Central | 6.1 | -1.8 |
| National | $\mathbf{1 1 . 0}$ | $\mathbf{0 . 4}$ |

* adjusted for changes in prices for excise duty Source: Industry/Motilal Oswal Securities





PRICE TREND - CENTRAL (RS/BAG)


## 4QFY08: cement prices stable; demand growth picking up

Cement prices remained stable in 4 QFY08, with some pick-up in demand from mid-February after seasonal slowdown in 3QFY08. While cement prices were up $\sim 11 \%$ YoY, they were stable on a QoQ basis. Cement demand picked up, with $9.2 \%$ growth in 4QFY08 after $5.9 \%$ growth in 3QFY08. Demand growth witnessed some build-up in momentum from mid-February, after 5\% growth in January. Demand growth was also restricted by supply constraints, as the industry operated at $106 \%$ capacity utilization during 4QFY08. Demand growth is expected to accelerate further, as construction peaks before monsoon.


Source: CMA/Motilal Oswal Securities
Cement prices remained stabled during 4QFY08 at Rs232/bag. However, severe and prolonged winter (in the North) along with weak demand (in Central \& East India) impacted pricing in these regions. Also, being a budget period, the industry exercised self-restraint in increasing prices. Stable prices in 4QFY08 despite lower demand growth, reflects strong underlying demand-supply dynamics. Cement prices are expected to remain stable at current levels, but any cost-push is likely to be passed on.

## Capacity utilization remains high

High growth in demand and limited capacity addition has resulted in continuously higher capacity utilization for industry. Cement industry' s capacity utilization for 4QFY08 reached $106 \%$, the highest in seven years. Capacity utilization for the industry is likely to remain high due to continued higher demand and low capacity addition. For FY08, we estimate capacity utilization at $97.5 \%$ for the industry, reflecting strong demand growth without adequate capacity addition.


Source: CMA/Motilal Oswal Securities

## Supplies are stretched and expansions delayed...

Supply continues to face challenges in its response to growing cement demand. This has been intensified by a prolonged period of underinvestment in capacity addition. As a result, the industry is stretched in its attempt to meet stronger demand, thereby operating above optimum range and leaving no further room for expanding production. The industry has reached its peak utilization in 4QFY08 ( $\sim 106 \%$ ), as against optimum capacity utilization of around $90 \%$. This coupled with delay in capacity additions has further aggravated the supply situation.

## ...restricting demand growth

Lack of adequate supply has restricted demand growth over the past few quarters, as reflected in $8.3 \%$ growth in FY08. We believe that the cement demand growth could have been higher than reported demand growth, suggesting latent demand which remains underserviced due to lack of adequate supply. With few new capacities expected to come over the next six months, the supply situation is expected to ease slightly, thereby boosting demand growth.

## Expect cement prices to remain stable

With the government's focus to contain inflation, the cement industry is expected to maintain pricing at current levels. While we do not anticipate any significant increase in cement prices from here on, we do not rule out marginal and gradual increase in prices to offset cost push.


Source: Bloomberg

## Spiraling energy cost to restrict margin expansion

Coal prices, both domestic and imported, are on an uptrend. While imported coal prices have gone up by around $15 \%$ QoQ, domestic coal prices have gone up by $10-15 \%$ from 13 December 2007. Escalating coal prices would push overall cost up by Rs50-70/ton QoQ. However, this cost push is expected to be passed on to the consumer, though with a lag, resulting in stable margins. Our estimates now factor in current coal prices and any further increase would put pressure on margins.


Source: Bloomberg

## Budget increases excise duty for bulk segment

The Finance Minister has increased the excise duty on bulk cement (non-retail) to higher of $14 \%$ ad-valorem or Rs400/ton from Rs $400 /$ /ton earlier and on clinker to Rs450/ton from Rs350/ton. However, it has kept excise on bagged cement (with MRP printed) at existing level of $12.5 \%$ ad-valorem. Increase in excise duty for bulk segment would result in higher excise of Rs5-6/bag. The bulk segment has grown to around $40 \%$ of total cement sales for the industry, driven by favorable excise regime earlier. The new policy measure reduces scope for increase in cement prices, as any further increase in bulk cement prices would be first to compensate for higher excise. However, increase in clinker excise wouldn' t
have any impact as it would be set off against excise payable on cement. If this increase in excise is not passed on, our earnings estimates for FY09 would be lowered by $3-7 \%$. Our interactions with industry participants suggest that the incremental burden of excise duty has been passed on to the bulk consumers. Hence, we are maintaining our FY09 price assumption at flat prices over FY08E average (which is lower by Rs4/bag than March 2008 prices).

## Strong volume growth, higher prices to drive earnings growth

We expect our cement universe to report volume growth of around 6\%, primarily driven by strong volume growth of $51 \%$ for Shree Cement and $15 \%$ for India Cement (due to Visaka merger). However, other cement companies under our coverage are likely to report muted volume growth, as they are operating at optimum capacity. Improvement in realizations ( $\sim$ Rs259/ton YoY and Rs33/ton QoQ) would dilute the impact of cost push, driving improvement of Rs30/ton YoY in EBITDA (~Rs36/ton QoQ) to Rs1,107/ton.

|  | VOLUME (M TON) |  |  | REALIZATION (RS/TON) |  |  | EBITDA (RS/TON) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MAR-08 | YOY | QOQ | MAR-08 | YOY | QOQ | MAR-08 | YOY | QOQ |
|  |  | (\%) | (\%) |  | (RS/T) | (RS/T) |  | (RS/T) | (RS/T) |
| ACC | 5.2 | 4.6 | 2.8 | 3457 | 174 | 40 | 907 | -187 | 176 |
| Birla Corp | 1.4 | -1.2 | 5.5 | 3036 | 112 | 20 | 1149 | -24 | -39 |
| Grasim | 4 | 2 | 6.4 | 3265 | 286 | 50 | 1256 | 87 | 66 |
| Ambuja Cement | 4.6 | 6.5 | 8.5 | 3557 | 253 | 20 | 1141 | -157 | -41 |
| India Cement | 2.4 | 15.3 | 9.8 | 3425 | 654 | 30 | 1241 | 323 | 119 |
| Shree Cement | 1.9 | 51.2 | 19.3 | 3238 | 273 | 0 | 1280 | 94 | -114 |
| UltraTech | 4.9 | -3.6 | 11.2 | 3046 | 174 | 55 | 1019 | 208 | -53 |
| Sector Aggregate | 24.4 | 5.9 | 8.1 | 3318 | 259 | 33 | 1107 | 30 | 36 |
| Source: Company/Motilal Oswal Securities |  |  |  |  |  |  |  |  |  |

Overall, we expect our cement universe' s revenue to grow $16 \%$ YoY, with EBITDA margin declining 180bp ( $\sim 110 \mathrm{bp}$ QoQ expansion) to $32.1 \%$, translating into $12 \%$ YoY increase in PAT.

|  | NET SALES (RS M) |  |  | EBITDA MARGIN (\%) |  |  | NET PROFIT (RS M) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MAR-08 | YOY | QOQ | MAR-08 | $\begin{aligned} & \hline \text { YOY } \\ & \text { (BP) } \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline \mathrm{QOQ} \\ & (\mathrm{BP}) \\ & \hline \end{aligned}$ | MAR-08 | $\begin{gathered} \text { YOY } \\ (\%) \\ \hline \end{gathered}$ | $\begin{array}{r} \text { QOQ } \\ (\%) \end{array}$ |
|  |  | (\%) | (\%) |  |  |  |  |  |  |
| ACC | 17,839 | 9.1 | 1.1 | 26.2 | -708 | 485 | 2,937 | -10.6 | 27.6 |
| Birla Corp | 4,561 | 2.7 | 5.4 | 40 | 567 | 520 | 1,197 | 18.3 | 12.5 |
| Grasim | 16,018 | 16.9 | 7.2 | 32.2 | -205 | 135 | 5,434 | 21.1 | -1.2 |
| Ambuja Cement | 16,433 | 14.6 | 9.1 | 32.1 | -720 | -135 | 3,587 | -6.3 | 72.2 |
| India Cement | 8,256 | 43.4 | 11.9 | 36 | 291 | 283 | 1,607 | 14.9 | 26.5 |
| Shree Cement | 6,246 | 65.1 | 19.3 | 39.5 | -47 | -351 | 1,164 | 2,791.4 | 232.4 |
| UltraTech | 15,670 | 6.9 | 13.4 | 31.6 | 371 | -231 | 2,801 | 21 | 0.2 |
| Sector Aggregate* | 85,022 | 16.4 | 8.4 | 32.1 | -182 | 113 | 13,294 | 11.9 | 34.8 |

*Sector PAT excl Grasim
Source: Company/Motilal Oswal Securities

## Downgrading earnings estimates to factor in lower volumes, cost push

We are downgrading our earnings estimates for FY09 and FY10 to factor in lower than expected volumes (due to delay in capacity additions and ramp-up), higher energy prices and higher freight. Our estimates for imported coal prices are now re-based at current level. Our estimates are based on flat prices for FY09 over FY08 (average) and Rs5/bag decline in FY10. Our earnings estimates are lowered by $3-12 \%$ for FY08 and by $1-11 \%$ for FY09. While our estimates factor in the impact of higher energy prices, they do not factor in the impact of any pass-through of cost push to consumers.

REVISED EPS FORECAST (RS)

|  | FY 09E |  |  | FY10E |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | REV | OLD | CHG (\%) | REV | OLD | CHG (\%) |
| ACC | 63.5 | 71.5 | -11.3 | 58.8 | 67.2 | -12.6 |
| Ambuja Cement | 9.1 | 10.1 | -9.6 | 9.5 | 10.0 | -5.2 |
| Grasim | 287.7 | 327.6 | -12.2 | 294.0 | 329.6 | -10.8 |
| UltraTech | 89.0 | 98.7 | -9.8 | 90.0 | 98.2 | -8.3 |
| Birla Corp | 53.7 | 55.2 | -2.8 | 56.4 | 56.8 | -0.8 |
| India Cement | 23.4 | 24.9 | -5.9 | 23.1 | 24.6 | -6.1 |
| Shree Cement | 148.3 | 160.1 | -7.4 | 167.5 | 178.1 | -6.0 |

## Valuation and view

High volume growth and limited capacity addition has improved demand-supply scenario for industry significantly. The industry is going through a cyclical upturn, which is likely to continue at least till 1 HCY 09 . However, margins are expected to remain under pressure with stable pricing and energy cost push. We prefer companies that are ahead of the curve in adding capacity, and have strong cost saving possibilities. Amongst the large caps, Grasim remains our top pick, while we prefer Birla Corp, India Cement, Kesoram and Shree Cement among mid-caps.

## Stock performance and valuations

STOCK PERFORMANCE (\%)

|  | ABSOLUTE PERF |  | REL PERF TO SENSEX |  | REL PERF TO SECTOR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 M | 1 YEAR | 3 M | 1 YEAR | 3 M | 1 YEAR |
| Cement |  |  |  |  |  |  |
| ACC | -17 | 14 | 2 | -13 | 5 | -7 |
| Birla Corporation | -40 | 7 | -21 | -20 | -18 | -13 |
| Grasim Industries | -25 | 31 | -7 | 4 | -3 | 10 |
| Ambuja Cement | -17 | 21 | 2 | -6 | 5 | 0 |
| India Cement | -36 | 22 | -17 | -5 | -14 | 1 |
| Shree Cement | -24 | 4 | -5 | -23 | -1 | -17 |
| Ultratech Cemco | -20 | 3 | -1 | -24 | 2 | -18 |




| STOCK INFO. <br> BSE Sensex: 16,371 | BLOOMBERG ACC IN |
| :---: | :---: |
|  |  |
|  | reuters code |
| S\&P CNX: 4,942 A | ACC.bO |
| Equity Shares (m) | 187.8 |
| 52-Week Range | 1,315/615 |
| 1,6,12 Rel. Perf. (\%) | 12/-25/-13 |
| M.Cap. (Rs b) | 156.8 |
| M.Cap. (US\$ b) | 3.9 |


| 28 March 2008 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs835 |
| YEAR | net sales | 5 PAT | EPS* | EPS | P/E | P/BV | Roe | Roce | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 12/06A | 57,170 | 11,094 | 59.0 | 161.7 | 14.1 | 5.0 | 35.3 | 31.3 | 2.7 | 9.5 |
| 12/07A | 68,780 | 12,020 | 64.0 | 8.3 | 13.1 | 3.8 | 29.0 | 32.5 | 2.0 | 7.3 |
| 12/08E | 73,292 | 11,925 | 63.5 | -0.8 | 13.2 | 3.2 | 24.0 | 28.6 | 1.8 | 7.1 |
| 12/09E | 80,761 | 11,043 | 58.8 | -7.4 | 14.2 | 2.8 | 19.5 | 22.6 | 1.7 | 7.8 |

* Fully Diluted EPS
\& Standalone 1QCY08 results are not comparable, as ACC has divested its RMC business into a separate subsidiary. Dispatches for the quarter are expected to grow $4.6 \%$ to 5.16 m ton due to muted January 2008 dispatches. Average realizations are likely to be higher by $5.3 \% \mathrm{YoY}(\sim 1.2 \% \mathrm{QoQ})$ at Rs3,457/ton.
2 Net sales are likely to grow by $9 \%$ YoY to Rs 17.8 b, driven by improvement in realizations. EBITDA margins would decline by 480 bp to $26 \%$, as fixed costs are expected to remain high on account of capitalisation of SAP phase-II expenses. Higher depreciation (up 17.5\%) and higher tax provisioning (at $30 \%$ of PBT v/s $25.7 \%$ in 1QCY07) would restrict recurring PAT at Rs3.4b.During the quarter, ACC sold its subsidiary, ACC Machinery, for a consideration of Rs 450 m . We estimate profit of Rs351m arising from this sale, which would boost reported PAT to Rs3.18b.
\& We are revising our EPS estimates downwards by $11 \%$ for CY08 to Rs63.5 and by $12.6 \%$ to Rs58.8 for CY09 to factor in lower than expected volumes and higher freight cost. Given its high operating leverage and largest capacity, ACC would be one of the biggest beneficiaries of the current upturn in cement prices. However, valuations at 13.2x CY08E EPS and an EV of 7.1x CY08E EBITDA appear rich. We maintain Neutral.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E DECEMBER | CY07 |  |  |  | CY08E |  |  |  | CYO7 | CY08E |
|  | 1Q | 2Q | 3 Q | 4Q | 1Q | 2Q | 3 Q | 4Q |  |  |
| Cement Sales (m ton) | 4.93 | 5.34 | 4.68 | 5.02 | 5.16 | 5.08 | 5.00 | 6.13 | 20.0 | 21.4 |
| YoY Change (\%) | -2.4 | 15.3 | 9.9 | 3.5 | 4.6 | -4.9 | 6.8 | 22.1 | 6.1 | 7.0 |
| Cement Realization | 3,283 | 3,365 | 3,460 | 3,417 | 3,457 | 3,457 | 3,397 | 3,411 | 3,380 | 3,430 |
| YoY Change (\%) | 28.6 | 9.3 | 10.5 | 7.1 | 5.3 | 2.7 | -1.8 | -0.2 | 13.8 | 1.5 |
| QoQ Change (\%) | 2.9 | 2.5 | 2.8 | -1.2 | 1.2 | 0.0 | -1.7 | 0.4 |  |  |
| Net Sales | 16,348 | 18,427 | 16,369 | 17,637 | 17,839 | 17,562 | 16,986 | 20,904 | 68,780 | 73,292 |
| YoY Change (\%) | 22.3 | 28.7 | 20.2 | 10.8 | 9.1 | -4.7 | 3.8 | 18.5 | 20.3 | 6.6 |
| EBITDA | 5,071 | 5,444 | 4,486 | 4,172 | 4,681 | 4,862 | 3,986 | 5,536 | 19,174 | 19,065 |
| Margins (\%) | 31.0 | 29.5 | 27.4 | 23.7 | 26.2 | 27.7 | 23.5 | 26.5 | 27.9 | 26.0 |
| Depreciation | 621 | 633 | 707 | 1,089 | 730 | 745 | 765 | 780 | 3,051 | 3,020 |
| Interest | 40 | -23 | -9 | 231 | 50 | 45 | 45 | 40 | 239 | 180 |
| Other Income | 284 | 283 | 284 | 437 | 295 | 240 | 230 | 405 | 1,288 | 1,170 |
| PBT before EO Item | 4,694 | 5,116 | 4,072 | 3,289 | 4,196 | 4,312 | 3,406 | 5,121 | 17,172 | 17,035 |
| EO Income/(Expense) | 200 | 0 | 39 | 1,893 | 351 | 0 | 0 | 0 | 2,131 | 351 |
| PBT after EO Item | 4,894 | 5,116 | 4,111 | 5,182 | 4,547 | 4,312 | 3,406 | 5,121 | 19,303 | 17,386 |
| Tax | 1,256 | 1,604 | 1,186 | 871 | 1,364 | 1,294 | 1,022 | 1,536 | 4,917 | 5,216 |
| Rate (\%) | 25.7 | 31.3 | 28.9 | 16.8 | 30.0 | 30.0 | 30.0 | 30.0 | 25.5 | 30.0 |
| Reported PAT | 3,638 | 3,512 | 2,925 | 4,311 | 3,183 | 3,019 | 2,384 | 3,584 | 14,386 | 12,170 |
| Adjusted PAT | 3,286 | 3,581 | 2,850 | 2,302 | 2,937 | 3,019 | 2,384 | 3,584 | 12,020 | 11,925 |
| Margins (\%) | 20.1 | 19.4 | 17.4 | 13.1 | 16.5 | 17.2 | 14.0 | 17.1 | 17.5 | 16.3 |
| YoY Change (\%) | 44.1 | 17.8 | 26.8 | -33.6 | -10.6 | -15.7 | -16.4 | 55.7 | 8.3 | -0.8 |

E: MOSt Estimates; Note: The quarterly results are not strictly comparable due to demerger of RMC business.
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# Ambuja Cement 

| STOCK INFO. <br> BSE Sensex: 16,371 | BLOOMBERG |
| :---: | :---: |
|  | ACEM IN |
|  | Reuters code |
| S\&P CNX: 4,942 G | GACM.BO |
| Equity Shares (m) | 1,520.7 |
| 52-Week Range | 161/100 |
| 1,6,12 Rel. Perf. (\%) | \%) 10/-9/-6 |
| M.Cap. (Rs b) | 188.0 |
| M.Cap. (US\$ b) | 4.7 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | $\begin{gathered} \text { Buy } \\ \text { Rs124 } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | ROE | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 12/06A | 48,479 | 13,401 | 8.8 | 114.7 | 14.0 | 5.4 | 47.4 | 43.3 | 3.6 | 9.8 |
| 12/07E | 57,048 | 10,814 | 7.1 | -19.5 | 17.4 | 4.1 | 26.7 | 41.6 | 3.1 | 8.7 |
| 12/08E | 63,540 | 13,909 | 9.1 | 28.6 | 13.5 | 3.3 | 27.0 | 33.6 | 2.7 | 8.6 |
| 12/09E | 75,117 | 14,470 | 9.5 | 4.0 | 13.0 | 2.9 | 23.8 | 30.3 | 2.4 | 8.4 |

2. We estimate Ambuja Cement's 1QCY08 sales at Rs16.4b, up $\sim 14.6 \%$ YoY. Dispatches are likely to grow $\sim 6.5 \%$ YoY to 4.62 m ton whereas average realizations would be Rs3,557/ton (up ~7.7\% YoY and 0.6\% QoQ). Ambuja' s volume growth has been restricted due to capacity constraint.
3. EBITDA margins are likely to decline by 720 bp YoY to $32.1 \%$, impacted by spiraling imported coal prices. EBITDA at Rs5.27b ( $\sim 6 \%$ decline) would translate into PAT decline of $6 \%$ to Rs3.6b.
\& The company is witnessing capacity constraint, as its new capacities are expected to come in only 1QCY09 onwards. However, Ambuja intends to grow volumes by buying clinker and grinding it at its recently commissioned grinding units. While this strategy would add to growth, it could be margin dilutive.
\& We are revising our EPS estimates downwards by $9.6 \%$ to Rs 9.1 for CY08 and by $5.2 \%$ to Rs 9.5 for CY09, due to increase in coal prices (domestic as well as imported) and lower than expected volumes. Being a pure play on cement, with the ability to grow volumes faster and more efficiently, valuations at 13.5 x CY08E earnings and an EV of $8.6 x$ CY08E EBITDA appear reasonable.

| QUARTERLY PERFORmANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/e december | CY07 |  |  |  | CY08E |  |  |  | CY07 | CY08E |
|  | 10 | 2 O | 30 | 4Q | 10 | 2 O | 30 | 4 Q |  |  |
| Sales Volume (m ton) | 4.34 | 4.39 | 3.77 | 4.26 | 4.62 | 4.70 | 4.05 | 4.63 | 16.76 | 18.00 |
| YoY Change (\%) | 3.8 | 1.7 | 3.0 | 3.4 | 6.5 | 7.1 | 7.4 | 8.7 | 133.3 | 83.3 |
| Realization (Rs/ton) | 3,304 | 3,336 | 3,448 | 3,537 | 3,557 | 3,557 | 3,497 | 3,505 | 3,404 | 3,530 |
| YoY Change (\%) | 28.6 | 9.6 | 11.6 | 9.6 | 7.7 | 6.6 | 1.4 | -0.9 | 76.5 | 99.6 |
| QoQ Change (\%) | 2.4 | 1.0 | 3.4 | 2.6 | 0.6 | 0.0 | -1.7 | 0.2 | 66.3 | 18.7 |
| Net Sales | 14,338 | 14,644 | 12,999 | 15,067 | 16,433 | 16,717 | 14,162 | 16,228 | 57,048 | 63,540 |
| Yo Y Change (\%) | 33.5 | 11.5 | 14.9 | 13.4 | 14.6 | 14.2 | 8.9 | 7.7 | 312.1 | 266.2 |
| EBITDA | 5,631 | 5,453 | 4,332 | 5,036 | 5,270 | 5,468 | 4,237 | 5,029 | 20,451 | 20,004 |
| Margins (\%) | 39.3 | 37.2 | 33.3 | 33.4 | 32.1 | 32.7 | 29.9 | 31.0 | 35.8 | 31.5 |
| Depreciation | 598 | 583 | 584 | 598 | 605 | 620 | 630 | 676 | 2,363 | 2,531 |
| Interest | 18 | -211 | -156 | 1,108 | 135 | 125 | 120 | 120 | 759 | 500 |
| Other Income | 257 | 487 | 184 | 1,008 | 350 | 600 | 300 | 700 | 1,935 | 1,950 |
| PBT before EO Item | 5,271 | 5,567 | 4,088 | 4,338 | 4,880 | 5,323 | 3,787 | 4,933 | 19,265 | 18,923 |
| Extraordinary Inc/(Exp) | 2,408 | 5,747 | -270 | -26 | 0 | 3,032 | 0 | 0 | 7,859 | 3,032 |
| PBT after EO Exp/(Inc) | 7,679 | 11,314 | 3,818 | 4,313 | 4,880 | 8,355 | 3,787 | 4,933 | 27,124 | 21,955 |
| Tax | 1,772 | 2,537 | 893 | 4,231 | 1,293 | 1,782 | 1,004 | 1,307 | 9,433 | 5,386 |
| Rate (\%) | 23.1 | 22.4 | 23.4 | 98.1 | 26.5 | 21.3 | 26.5 | 26.5 | 34.8 | 24.5 |
| Reported Profit | 5,907 | 8,778 | 2,924 | 82 | 3,587 | 6,573 | 2,784 | 3,626 | 17,691 | 16,569 |
| Adj PAT | 3,826 | 4,036 | 3,133 | 2,083 | 3,587 | 3,912 | 2,784 | 3,626 | 10,814 | 13,919 |
| YoY Change (\%) | 42.6 | 23.2 | 19.7 | -38.3 | -6.3 | -3.1 | -11.2 | 74.1 | 60.4 | 479.3 |

E: MOSt Estimates
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# Birla Corporation 

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 16,371 <br>  <br>  <br> BJUT IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 4,942 | BRLC.BO |
| Equity Shares (m) | 77.0 |
| 52-Week Range | $386 / 162$ |
| 1,6,12 Rel. Perf. (\%) | $-4 /-36 /-20$ |
| M.Cap. (Rs b) | 15.2 |
| M.Cap. (US\$ b) | 0.4 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | EV/ |
| End | (RS M) | (RS M) | (RS) | GRowt (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 03/07A | 15,669 | 3,262 | 42.4 | 37.9 | 4.6 | 2.3 | 49.0 | 46.9 | 0.9 | 2.7 |
| 03/08E | 16,922 | 4,081 | 53.0 | 25.1 | 3.7 | 1.5 | 40.4 | 37.2 | 0.7 | 2.0 |
| 03/09E | 17,862 | 3,992 | 51.8 | -2.2 | 3.8 | 1.1 | 29.6 | 30.6 | 0.5 | 1.6 |
| 03/10E | 20,924 | 4,199 | 54.5 | 5.2 | 3.6 | 0.9 | 24.7 | 27.1 | 0.3 | 0.9 |

e We expect revenues to grow $3 \%$ YoY to Rs4.56b. Cement realizations are likely to be up $3.8 \% \mathrm{YoY}(\sim 0.7 \%$ QoQ) to Rs3,036/ton. However, sales volumes would decline marginally by $1.2 \%$ to 1.4 m ton due to capacity constraint and shutdown at the Durgapur plant.
es Higher cost push coupled with higher losses in non-cement businesses would restrict EBITDA margin to 34.2\%, translating into marginal EBITDA growth of $2.4 \%$. However, higher tax provisioning (at $32.1 \%$ of PBT v/s $30.6 \%$ in 4QFY07) would result in PAT being flat at Rs1.01b.
\& Birla Corp' s management has suspended work from 11March 2008 at its grinding units ( $\sim 1.6 \mathrm{~m}$ ton grinding capacity) at Durgapur, West Bengal, due to disagreements with the labor union. This unit has annual production of around 0.65 m ton and is fed clinker from the Satna unit. Although negotiations are going on to restore normal operations, it is difficult to estimate exact timing of restart of operations. Also, actual impact of closure of grinding units would be limited, as the company would relocate part of the clinker to its UP and Rajasthan plants and can also sell excess clinker production. We have assumed loss of production for 20 days in March.
2. We are revising our EPS estimates downward by $4.6 \%$ to Rs 51.8 for FY09 and by $4.8 \%$ to Rs 54.5 for FY10, to factor in the increase in domestic coal prices. The stock quotes at a forward P/E of 3.8x, EV/EBITDA of 1.6x. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Cement Sales (m ton) | 1.25 | 1.25 | 1.32 | 1.42 | 1.28 | 1.20 | 1.33 | 1.40 | 5.23 | 5.21 |
| YoY Change (\%) | -2.0 | 6.1 | 4.9 | -5.4 | 2.9 | -4.2 | 0.8 | -1.2 | 0.5 | -0.4 |
| Cement Realization | 2,568 | 2,621 | 2,795 | 2,923 | 2,972 | 3,064 | 3,016 | 3,036 | 2,734 | 3,021 |
| YoY Change (\%) | 28.8 | 36.0 | 44.2 | 25.7 | 15.8 | 16.9 | 7.9 | 3.8 | 32.7 | 10.5 |
| QoQ Change (\%) | 10.5 | 2.1 | 6.6 | 4.6 | 1.7 | 3.1 | -1.6 | 0.7 |  |  |
| Net Sales | 3,489 | 3,647 | 4,093 | 4,441 | 4,093 | 3,940 | 4,329 | 4,561 | 15,669 | 16,922 |
| YoY Change (\%) | 25.0 | 39.9 | 45.4 | 12.7 | 17.3 | 8.0 | 5.8 | 2.7 | 28.9 | 8.0 |
| EBITDA | 1,027 | 979 | 1,404 | 1,524 | 1,438 | 1,500 | 1,506 | 1,561 | 4,934 | 6,004 |
| Margins (\%) | 29.4 | 26.8 | 34.3 | 34.3 | 35.1 | 38.1 | 34.8 | 34.2 | 31.5 | 35.5 |
| Depreciation | 97 | 96 | 96 | 108 | 103 | 103 | 102 | 103 | 397 | 411 |
| Interest | 43 | 31 | 35 | 76 | 50 | 53 | 54 | 59 | 185 | 216 |
| Other Income | 39 | 53 | 55 | 119 | 88 | 98 | 97 | 90 | 265 | 372 |
| Profit before Tax | 927 | 905 | 1,328 | 1,458 | 1,372 | 1,441 | 1,447 | 1,489 | 4,617 | 5,748 |
| Tax | 303 | 229 | 377 | 446 | 398 | 409 | 382 | 478 | 1,355 | 1,667 |
| Rate (\%) | 32.7 | 25.3 | 28.4 | 30.6 | 29.0 | 28.4 | 26.4 | 32.1 | 29.3 | 29.0 |
| Adjusted PAT | 624 | 675 | 951 | 1,012 | 975 | 1,031 | 1,065 | 1,011 | 3,262 | 4,081 |
| Margins (\%) | 17.9 | 18.5 | 23.2 | 22.8 | 23.8 | 26.2 | 24.6 | 22.2 | 20.8 | 24.1 |
| YoY Change (\%) | 168.3 | 271.9 | 452.5 | 50.7 | 56.3 | 52.7 | 11.9 | -0.1 | 37.9 | 25.1 |

$\overline{\text { E: MOSt Estimates }}$
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# Grasim Industries 

| stock info. B | bloomberg |
| :---: | :---: |
| BSE Sensex: 16,371 | GRasim in |
|  | reuters code |
| S\&P CNX: 4,942 | GRAS.BO |
| Equity Shares (m) | 91.7 |
| 52-Week Range | 4,074/2,025 |
| 1,6,12 Rel. Perf. (\%) | \%) 1/-18/4 |
| M.Cap. (Rs b) | 248.0 |
| M.Cap. (US\$ b) | 6.2 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | EPS | EPS | P/E | P/BV | roe | roce | Ev/ | Ev/ |
| END* | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07 | 140,952 | 19,683 | 214.7 | 89.7 | 12.6 | 3.7 | 29.6 | 32.0 | 2.2 | 7.7 |
| 03/08 | 164,752 | 27,130 | 295.9 | 37.8 | 9.1 | 2.7 | 29.4 | 33.4 | 1.9 | 5.9 |
| 03/09 | 187,011 | 26,379 | 287.7 | -2.8 | 9.4 | 2.2 | 22.9 | 32.5 | 1.5 | 5.3 |
| 03/10 | 207,365 | 26,956 | 294.0 | 2.2 | 9.2 | 1.8 | 19.4 | 29.2 | 1.2 | 4.8 |

* Consolidated
\& We expect Grasim (standalone) to post sales growth of $8.3 \%$ YoY to Rs27b in 4QFY08. Strong performance of the cement and VSF divisions would drive the company's overall operating performance and lead to margin expansion of 350 bp to $31.3 \%$. PAT would grow $15 \%$ to Rs5.17b. However, accounting for profit on sale of Shree Digvijay, reported PAT would stand at Rs7b.

2. Cement volumes are likely to grow by just $2 \%$ YoY to 4 m ton, impacted by capacity constraint. With realizations expected to improve by $9.6 \%$ YoY to Rs $3,265 /$ ton, the cement division's operating margins would expand by Rs87/ ton to Rs1,256/ton.
\& VSF volumes are likely to be muted at 69,000 ton and realizations are likely to move up by $19 \%$ YoY ( $\sim 2.8 \%$ QoQ decline) to Rs $106 / \mathrm{kg}$, being impacted by weak demand and result ant higher discounts of Rs $8 / \mathrm{kg}$. As a result, operating margins are expected to decline 690bp QoQ ( $\sim 380 \mathrm{bp}$ YoY increase) to $34.6 \%$.
\& We are revising our earnings estimates to factor in lower VSF realizations (due to higher discounts) and volumes, higher sulphur prices, lower cement volumes (due to slower ramp-up in new capacity) coupled with higher energy prices and delay in availability of gas (for sponge iron). As a result, our consolidated EPS estimates are downgraded by around $16.9 \%$ to Rs272 for FY09 and $13.4 \%$ to Rs286 for FY10. The stock trades at 9.4x FY09E EPS and an EV of 5.3x FY09E EBITDA. We maintain Buy.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Net Sales | 18,917 | 20,114 | 22,802 | 24,938 | 24,448 | 25,192 | 26,299 | 27,006 | 86,757 | 102,946 |
| YoY Change (\%) | 21.8 | 22.0 | 38.3 | 36.3 | 29.2 | 25.2 | 15.3 | 8.3 | 29.4 | 18.7 |
| EBITDA | 5,135 | 5,326 | 6,690 | 6,942 | 7,921 | 8,050 | 8,563 | 8,453 | 24,094 | 32,988 |
| Margins (\%) | 27.1 | 26.5 | 29.3 | 27.8 | 32.4 | 32.0 | 32.6 | 31.3 | 27.8 | 32.0 |
| Depreciation | 741 | 756 | 807 | 876 | 850 | 875 | 865 | 1,119 | 3,179 | 3,709 |
| Interest | 238 | 245 | 269 | 366 | 285 | 272 | 234 | 368 | 1,118 | 1,159 |
| Other Income | 375 | 502 | 444 | 776 | 677 | 573 | 650 | 699 | 2,097 | 2,600 |
| PBT before EO Items | 4,532 | 4,827 | 6,058 | 6,476 | 7,464 | 7,476 | 8,114 | 7,666 | 21,893 | 30,720 |
| Extraordinary Inc/(Exp) | 0 | 0 | 0 | 371 | 0 | 0 | 39 | 2,040 | 371 | 2,079 |
| PBT after EO Items | 4,532 | 4,827 | 6,058 | 6,847 | 7,464 | 7,476 | 8,153 | 9,706 | 22,264 | 32,799 |
| Tax | 1,413 | 1,449 | 1,942 | 2,102 | 2,347 | 2,478 | 2,616 | 2,746 | 6,906 | 10,187 |
| Rate (\%) | 31.2 | 30.0 | 32.1 | 30.7 | 31.4 | 33.1 | 32.1 | 28.3 | 31.0 | 31.1 |
| Reported PAT | 3,119 | 3,378 | 4,116 | 4,745 | 5,117 | 4,998 | 5,538 | 6,959 | 15,358 | 22,611 |
| Adj. PAT | 3,119 | 3,378 | 4,116 | 4,488 | 5,117 | 4,998 | 5,511 | 5,174 | 15,102 | 20,800 |
| YoY Change (\%) | 51.7 | 80.0 | 154.3 | 72.7 | 64.0 | 47.9 | 33.9 | 15.3 | 73.1 | 37.7 |

E: MOSt Estimates; Quarterly results do not add-up to full year results due to restatement
Jinesh K Gandhi (Jinesh@MotilalOswal.com); Tel +91 2239825416

# India Cements 

| STOCK INFO. BLO | BLOOMBERG |
| :---: | :---: |
| BSE Sensex: 16,371 IC | ICEM IN |
| S\&P CNX: 4,942 IC | reuters code <br> ICMN.BO |
| Equity Shares (m) | 281.9 |
| 52-Week Range | 333/146 |
| 1,6,12 Rel. Perf. (\%) | \%) -1/-28/-5 |
| M.Cap. (Rs b) | 54.8 |
| M.Cap. (US\$ b) | 1.4 |


| 28 March 2008 Buy |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs194 |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | Roe | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07A | 22,552 | 4,788 | 17.6 | 818.6 | 11.0 | 3.6 | 43.0 | 22.0 | 3.1 | 9.4 |
| 03/08E | 30,258 | 6,938 | 23.7 | 34.3 | 8.2 | 2.1 | 34.4 | 25.5 | 2.1 | 5.7 |
| 03/09E | 37,294 | 6,864 | 23.4 | -1.1 | 8.3 | 1.7 | 23.2 | 23.5 | 1.7 | 5.1 |
| 03/10E | 41,032 | 6,769 | 23.1 | -1.4 | 8.4 | 1.4 | 18.9 | 21.2 | 1.4 | 4.6 |

e India Cement' s 4QFY08 results are not comparable due to the merger of Visaka. India Cement (including Visaka) is expected to report sales growth of $43 \%$ YoY to Rs8.26b, driven by $23.6 \%$ YoY $(0.9 \%$ QoQ $)$ increase in realizations to Rs3,425/ton and volume growth of $15.3 \%$ to 2.4 m ton.
2. Higher realization would translate into EBITDA margin expansion of 290bp YoY to $36 \%$, resulting in EBITDA being higher by $56 \%$ YoY to Rs3b. However, higher tax provisioning (at $33.5 \%$ of PBT v/s no tax in 4QFY07) would restrict PAT growth at $15 \%$ to Rs1.6b.
\&. Our estimates do not yet factor in the company' s investments in the Chennai cricket team for Indian Premier League (IPL), which we view as a marketing expenditure rather than capital expenditure.
\& We are revising our EPS estimates downward by $5.9 \%$ to Rs 23.4 for FY09 and by $6.1 \%$ to Rs 23.1 for FY10 to factor in further increase in imported coal prices. However, our estimates do not factor in any savings in cost of imported coal due to transport by own ship, which is expected to ply from 1 QFY09 onwards. At current valuations of 8.3 x FY09E EPS and an EV of 5.1x FY09E EBITDA, the stock appears attractive. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 * |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3 Q | 4QE |  |  |
| Sales Dispatches (m ton) | 1.85 | 1.88 | 1.74 | 2.08 | 2.31 | 2.27 | 2.18 | 2.40 | 7.55 | 9.15 |
| YoY Change (\%) | -2.6 | -1.6 | 3.2 | 4.8 | 24.5 | 20.9 | 25.5 | 15.3 | 1.0 | 426.7 |
| Realization (Rs/ton) | 2,606 | 2,733 | 2,716 | 2,771 | 3,033 | 3,339 | 3,395 | 3,425 | 2,704 | 3,294 |
| YoY Change (\%) | 30.1 | 33.2 | 31.9 | 29.9 | 16.4 | 22.2 | 25.0 | 23.6 | 31.0 | 21.3 |
| QoQ Change (\%) | 22.2 | 4.9 | -0.6 | 2.0 | 9.5 | 10.1 | 1.7 | 0.9 | 31.0 | 21.8 |
| Net Sales | 4,852 | 5,164 | 4,724 | 5,758 | 7,012 | 7,612 | 7,379 | 8,256 | 20,497 | 30,258 |
| YoY Change (\%) | 27.4 | 31.9 | 36.3 | 36.2 | 44.5 | 47.4 | 56.2 | 43.4 | 32.9 | 47.6 |
| Total Expenditure | 3,197 | 3,438 | 3,394 | 3,852 | 4,369 | 4,539 | 4,930 | 5,282 | 13,880 | 19,120 |
| EBITDA | 1,655 | 1,726 | 1,331 | 1,906 | 2,643 | 3,074 | 2,449 | 2,973 | 6,617 | 11,138 |
| Margins (\%) | 34.1 | 33.4 | 28.2 | 33.1 | 37.7 | 40.4 | 33.2 | 36.0 | 32.3 | 36.8 |
| Depreciation | 192 | 193 | 198 | 194 | 275 | 303 | 311 | 368 | 777 | 1,257 |
| Interest | 389 | 364 | 347 | 331 | 314 | 283 | 273 | 281 | 1,430 | 1,151 |
| Other Income | 54 | 8 | 17 | 22 | 97 | 59 | 30 | 94 | 102 | 280 |
| PBT | 1,129 | 1,177 | 803 | 1,403 | 2,151 | 2,546 | 1,895 | 2,418 | 4,512 | 9,010 |
| Tax | 3 | 4 | 5 | 5 | 17 | 321 | 224 | 564 | 17 | 1,126 |
| Deferred Tax | 0 | 0 | 0 | 0 | 300 | -1 | 400 | 247 | 0 | 946 |
| Rate (\%) | 0.2 | 0.3 | 0.6 | 0.4 | 14.8 | 12.6 | 32.9 | 33.5 | 0.4 | 23.0 |
| Reported PAT | 1,126 | 1,173 | 798 | 1,398 | 1,834 | 2,227 | 1,271 | 1,607 | 4,495 | 6,938 |
| Adj PAT | 1,126 | 1,173 | 798 | 1,398 | 1,834 | 2,227 | 1,271 | 1,607 | 4,495 | 6,938 |
| YoY Change (\%) | 1,018.1 | 1,905.5 | 4,407.3 | 417.2 | 62.9 | 89.8 | 59.3 | 14.9 | 891.8 | 54.3 |
| Margins (\%) | 23.2 | 22.7 | 16.9 | 24.3 | 26.2 | 29.2 | 17.2 | 19.5 | 21.9 | 22.9 |

E: MOSt Estimates; * Excluding Visaka merger
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# Shree Cement 



28 March 2008

Buy

| Previous Recommendation: Buy |  |  |  |  |  |  |  |  | Rs1,007 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| year | net sales | PAT | Eps | EPS | P/E | Pbiv | RoE | Roce | EV/ | Ev/ |
| end | (RS M) | (RS M) | (RS) | Rowth (\%) | (X) | (X) | (\%) | (\%) | sales | Ebitda |
| 03/07A | 13,680 | 1,588 | 45.6 | 898.7 | 22.1 | 7.7 | 42.3 | 17.6 | 3.0 | 6.9 |
| 03/08E | 20,404 | 3,746 | 107.5 | 135.9 | 9.4 | 4.4 | 59.5 | 33.9 | 1.9 | 4.6 |
| 03/09E | 26,256 | 5,168 | 148.3 | 38.0 | 6.8 | 2.7 | 49.4 | 38.1 | 1.3 | 3.3 |
| 03/10E | 30,634 | 5,835 | 167.5 | 12.9 | 6.0 | 1.9 | 37.4 | 36.1 | 0.9 | 2.4 |

\& We expect sales to grow $65 \%$ YoY in 4QFY08 to Rs6.25b, driven by volume growth of $51 \%$ YoY to 1.93 m ton and realization growth of $9.2 \% \mathrm{YoY}$ (flat QoQ ) to Rs3,238/ton.

* Higher realizations would be mitigated by higher cost (energy and freight), translating into a 50bp YoY decline in EBITDA margin to $39.5 \%$ and EBITDA to Rs 2.5 b (up $63 \%$ ). The company would be severely impacted by spiraling pet coke prices. However, lower depreciation (down $\sim 37 \%$ ) would boost PAT to Rs1.16b.
\& The company is evaluating the setting up of capacity in Madhya Pradesh, and is considering a manufacturing presence in foreign markets. These plans are still at drawing board stage, and would take at least three years to materialize.
\& We are revising our EPSestimates downwards by $7.4 \%$ to Rs148 for FY09 and by $6 \%$ to Rs167.5 for FY10 to factor in further increase in pet coke prices. The stock is quoting at $6.8 x$ FY07E EPS and an EV of 3.3x FY06E EBITDA. Maintain Buy.

| QUARTERLY Performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 10 | 2 Q | 30 | 4QE |  |  |
| Sales Dispatches (m ton) | 1.16 | 1.11 | 1.30 | 1.28 | 1.41 | 1.49 | 1.62 | 1.93 | 4.94 | 6.45 |
| YoY Change (\%) | 58.5 | 44.2 | 81.1 | 32.5 | 21.9 | 34.6 | 24.9 | 51.2 | 50.9 | 30.5 |
| Realization (Rs/ton) | 2,665 | 2,846 | 2,815 | 2,964 | 3,020 | 3,122 | 3,238 | 3,238 | 2,767 | 3,163 |
| YoY Change (\%) | 36.5 | 41.1 | 39.5 | 26.0 | 13.3 | 9.7 | 15.0 | 9.2 | 35.4 | 14.3 |
| QoQ Change (\%) | 13.2 | 6.8 | -1.1 | 5.3 | 1.9 | 3.4 | 3.7 | 0.0 |  | -7.3 |
| Net Sales | 3,083 | 3,160 | 3,645 | 3,783 | 4,258 | 4,664 | 5,236 | 6,246 | 13,680 | 20,404 |
| YoY Change (\%) | 116.3 | 103.3 | 152.7 | 66.9 | 38.1 | 47.6 | 43.6 | 65.1 | 104.4 | 49.2 |
| EBITDA | 1,375 | 1,426 | 1,601 | 1,513 | 1,823 | 2,011 | 2,253 | 2,468 | 5,922 | 8,556 |
| Margins (\%) | 44.6 | 45.1 | 43.9 | 40.0 | 42.8 | 43.1 | 43.0 | 39.5 | 43.3 | 41.9 |
| Depreciation | 263 | 338 | 263 | 1,547 | 358 | 688 | 1,875 | 982 | 4,331 | 3,902 |
| Interest | 54 | 27 | 7 | 16 | 39 | 85 | 127 | 158 | 104 | 409 |
| Other Income | 30 | 43 | 47 | 91 | 126 | 291 | 170 | 163 | 212 | 750 |
| PBT before EO Exp | 1,088 | 1,104 | 1,379 | 41 | 1,552 | 1,530 | 420 | 1,492 | 1,699 | 4,995 |
| Extra-Ord Expense | 0 | 0 | 0 | -201 | 0 | 0 | 0 | 0 | -195 | 0 |
| PBT | 1,088 | 1,104 | 1,379 | 242 | 1,552 | 1,530 | 420 | 1,492 | 1,894 | 4,995 |
| Tax | 184 | 326 | 338 | 3 | 383 | 468 | 70 | 327 | 124 | 1,249 |
| Rate (\%) | 16.9 | 29.6 | 24.5 | 1.3 | 24.7 | 30.6 | 16.7 | 21.9 | 6.6 | 25.0 |
| Reported PAT | 904 | 777 | 1,041 | 239 | 1,169 | 1,062 | 350 | 1,164 | 1,770 | 3,746 |
| Adj PAT | 904 | 777 | 1,041 | 40 | 1,169 | 1,062 | 350 | 1,164 | 1,587 | 3,746 |
| YoY Change (\%) | 247.6 | 108.1 | 156.6 | -93.9 | 29.3 | 36.6 | -66.4 | 2791.4 | 898.4 | 136.0 |
| Margins (\%) | 29.3 | 24.6 | 28.6 | 1.1 | 27.5 | 22.8 | 6.7 | 18.6 | 11.6 | 18.4 |

E:MOSt Estimates; Quarterly results do not add up with full year results as it provides addl. depreciation and deferred tax at the end of year
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| STOCK INFO. | BLOOMBERG <br> BSE Sensex: <br> 16,371 <br> UTCEM IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 4,942 | ULTC.BO |
| Equity Shares (m) | 124.5 |
| 52-Week Range | $1,165 / 662$ |
| 1,6,12 Rel. Perf. (\%) | $-4 /-20 /-24$ |
| M.Cap. (Rs b) | 97.3 |
| M.Cap. (US\$ b) | 2.4 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs781 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| Year | net sales | PAT | EPS | EPS | P/E | P/BV | roe | roce | Ev/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 03/07A | 49,108 | 7,823 | 62.8 | 240.5 | 12.4 | 5.5 | 55.8 | 43.0 | 2.2 | 7.5 |
| 03/08E | 54,808 | 9,978 | 80.2 | 27.6 | 9.7 | 3.6 | 44.8 | 38.0 | 2.1 | 6.7 |
| 03/09E | 67,626 | 11,083 | 89.0 | 11.1 | 8.8 | 2.6 | 34.6 | 34.2 | 1.6 | 5.5 |
| 03/10E | 71,809 | 11,210 | 90.0 | 1.1 | 8.7 | 2.0 | 26.4 | 32.7 | 1.4 | 5.0 |

\& We expect net sales to grow by $7 \%$ YoY to Rs15.7b. While realizations would increase $6.1 \% \mathrm{YoY}(\sim 1.8 \% \mathrm{QoQ})$ to Rs3,046/ton, volumes would decline $3.6 \%$ YoY to 4.86 m ton due to capacity constraint. The increase in realizations would be driven by shift in market mix in favor of the domestic market.
\& Exports (cement + clinker) are expected to decline by $3 \%$, whereas domestic dispatches are expected to decline by $4 \%$. Also, cement exports are likely to decline by $38 \%$ YoY flat, suggesting shift of focus from clinker exports to cement.
\& Higher realizations would dilute the impact of cost push (higher coal prices), and drive EBITDA margin expansion of 370 bp YoY to $31.6 \%$. EBITDA would grow $21 \%$ YoY to Rs4.95b. However, higher depreciation (up $32 \%$ ) and interest (up $41 \%$ ) due to commissioning of brownfield expansion at Tadpatri, would restrict PAT growth at $21 \%$ to Rs2.8b.
e. We are revising our EPS estimates downward by $10 \%$ to Rs89 for FY09 and by $8 \%$ to Rs 90 for FY10 to factor in lower than expected volumes due to slower ramp-up of new capacities. At 8.8 x FY09E EPS and an EV of 5.5x FY09E EBITDA, valuations do not fully reflect improving operating performance and organic growth visibility at a low cost of expansion. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FYO8 |  |  |  | FY07 | FY08E |
|  | 1Q* | 2 O | 30 | 4 Q | 10 | 2 Q | 30 | 4QE |  |  |
| Sales (m ton) | 4.45 | 3.60 | 4.49 | 5.04 | 4.47 | 3.62 | 4.37 | 4.86 | 17.67 | 17.31 |
| YoY Change (\%) | 11.5 | 22.0 | 14.0 | 8.9 | 0.4 | 0.4 | -2.7 | -3.6 | 13.4 | -2.0 |
| Realization (Rs/ton) | 2,645 | 2,768 | 2,778 | 2,872 | 2,958 | 3,066 | 2,991 | 3,046 | 2,755 | 3,014 |
| YoY Change (\%) | 33.0 | 27.6 | 38.8 | 25.4 | 11.9 | 10.8 | 7.7 | 6.1 | 30.1 | 9.4 |
| QoQ Change (\%) | 15.5 | 4.7 | 0.4 | 3.4 | 3.0 | 3.7 | -2.4 | 1.8 |  |  |
| Net Sales | 11,803 | 10,045 | 12,605 | 14,655 | 13,653 | 11,664 | 13,821 | 15,670 | 49,108 | 54,808 |
| YoY Change (\%) | 48.8 | 57.0 | 59.8 | 38.2 | 15.7 | 16.1 | 9.7 | 6.9 | 48.8 | 11.6 |
| Total Expenditure | 8,057 | 7,501 | 8,802 | 10,570 | 9,317 | 8,439 | 9,137 | 10,720 | 34,930 | 37,613 |
| EBITDA | 3,746 | 2,545 | 3,802 | 4,085 | 4,335 | 3,226 | 4,685 | 4,950 | 14,178 | 17,196 |
| Margins (\%) | 31.7 | 25.3 | 30.2 | 27.9 | 31.8 | 27.7 | 33.9 | 31.6 | 28.9 | 31.4 |
| Depreciation | 544 | 547 | 571 | 601 | 559 | 581 | 583 | 790 | 2,263 | 2,513 |
| Interest | 226 | 237 | 202 | 203 | 202 | 188 | 174 | 287 | 868 | 850 |
| Other Income | 134 | 119 | 167 | 195 | 269 | 258 | 201 | 222 | 615 | 950 |
| PBT after EO Expense | 3,110 | 1,879 | 3,196 | 3,476 | 3,844 | 2,716 | 4,129 | 4,095 | 11,662 | 14,783 |
| Tax | 1,002 | 605 | 1,072 | 1,161 | 1,250 | 927 | 1,334 | 1,294 | 3,839 | 4,804 |
| Rate (\%) | 32.2 | 32.2 | 33.5 | 33.4 | 32.5 | 34.1 | 32.3 | 31.6 | 32.9 | 32.5 |
| Reported PAT | 2,108 | 1,274 | 2,125 | 2,315 | 2,594 | 1,789 | 2,795 | 2,801 | 7,823 | 9,978 |
| Adj PAT | 2,108 | 1,274 | 2,125 | 2,315 | 2,594 | 1,789 | 2,795 | 2,801 | 7,823 | 9,978 |
| YoY Change (\%) | 251.3 | - | 790.8 | 75.3 | 23.0 | 40.3 | 31.5 | 21.0 | 240.5 | 27.6 |

E: MOSt Estimates; Qly results do no add up to full year results due to recasting
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## Engineering



| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) |
| Engineering |  |  |  |  |  |  |  |
| ABB | Neutral | 17,456 | 33.0 | 1,833 | 43.0 | 1,235 | 42.6 |
| Alstom Projects | Neutral | 5,630 | 30.7 | 669 | 25.2 | 441 | 20.0 |
| Bharat Electronics | Buy | 23,371 | 34.8 | 6,690 | 38.0 | 4,686 | 31.2 |
| BHEL | Neutral | 87,499 | 26.4 | 20,210 | 27.3 | 14,649 | 27.3 |
| Crompton Greaves | Neutral | 12,472 | 26.0 | 1,573 | 37.6 | 942 | 25.7 |
| Cummins India | UR* | 6,330 | 25.4 | 887 | 7.7 | 742 | 13.0 |
| Larsen \& Toubro | Neutral | 82,133 | 31.4 | 13,902 | 43.0 | 9,158 | 30.7 |
| Siemens | Neutral | 28,804 | 34.9 | 2,301 | 37.2 | 1,555 | 43.9 |
| Suzlon Energy | Neutral | 47,377 | 62.5 | 8,175 | 65.0 | 4,839 | 34.8 |
| Thermax | Buy | 9,293 | 15.5 | 1,159 | 30.6 | 915 | 39.5 |
| Sector Aggregate |  | 320,364 | 33.5 | 57,397 | 37.5 | 39,162 | 30.3 |

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## Healthy order intake in 3QFY08; order book remains strong

Order books for most capital goods companies have shown significant growth, driven by increasing investments in the manufacturing sector, thrust on accelerated infrastructure development and continued investments in power generation, transmission and distribution. Companies like ABB, BHEL, L\&T and Suzlon witnessed strong YoY growth in their order books as at December 2007. Order intake continues to be strong on account of significant project awards from power utilities, SEBs and industrial capex, particularly in oil \& gas, cement, metals, etc.

| ORDER BACKLOG (RS B; \% YOY) | DEC-07 | DEC-06 | GROWTH (\%) | FY08 SALES | BOOK TO BILL(X) |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | 50 | 34 | 49.0 | 59.3 | 0.8 |
| ABB | 780 | 550 | 41.8 | 214.0 | 3.6 |
| BHEL | 51 | 45 | 12.3 | 72.3 | 0.7 |
| Crompton Greaves | 496 | 345 | 43.8 | 250.5 | 2.0 |
| L\&T | 94 | 110 | 17.8 | 77.3 | 1.2 |
| Siemens | 171 | 77 | 121.5 | 134.9 | 1.3 |
| Suzlon |  |  |  |  | Source: Company |

## Expect challenging EBITDA margin scenario

Since FY04, EBITDA margins for the capital goods companies have been improving on the back of favorable demand-supply scenario, long-term supply contracts for raw materials, implementation of risk mitigation strategies, flexibly priced work contracts and cost-cutting programs. However, we now expect the EBITDA margin scenario to turn challenging.


Source: Motilal Oswal Securities

## Factors that could lead to challenging margin scenario

* Sharp rise in commodity prices during 4QFY08, impacting rawmaterial costs particularly for fixed price contracts (comprising of most of the international orders) or partial cost escalations (on selected items) for domestic projects.
* Appreciating currency impacting companies like Suzlon, Crompton Greaves, Siemens, etc, which derive significant proportion of revenues from exports

Key factors to watch for: commodity prices, forex exposure, one-off items
\& Suzlon' sEBITDA for 3QFY08 were impacted due to: (1) provision of Rs190m towards replacement of rotor blades in the US; (2) Rs150m on account of customs duty levied by the US on import of Nacelles; and (3) Rs 140 m on account of site restoration expenses in Maharashtra. Tax liability for 3QFY08 was higher by Rs 480 m due to tax paid on non deductibility of hedging related expenses in Denmark (Rs280m) and reversal of deferred tax asset in USA (Rs200m). Also, it is derives almost $65 \%$ of its revenue from the international market, whereby it is exposed to currency risk and also the nature of international (fixed price) contracts.
\& L\&T International FZE ( $100 \%$ subsidiary of L\&T) has incurred loss of $\sim$ Rs 2 b on commodity hedging, largely on zinc (price decline of $27 \%$ during 9MFY08) and other metals, which had witnessed sharp volatility in the interim. The risk management practice adopted by the company mandates 'stop loss' for derivative positions, which have got triggered due to the sharp price volatility of underlying metals. The losses due to hedging are partly offset through spot market purchases of the specified commodities during that period in the standalone financials.

| EXPORTS (AS \% OF REVENUES) |  |
| :--- | :---: |
| ABB | 10.0 |
| BHEL | 10.0 |
| Crompton Greaves* | $\sim 50$ |
| L\&T | 18.0 |
| Siemens | 32.0 |
| Suzlon | 65 |
|  | Source: Industry |

## Commodity prices have increased significantly

Major raw materials used by the capital goods industry - steel, copper, etc - have witnessed sharp price increases since December 2007. This could adversely impact margins of capital goods companies, which have larger exposure to fixed price contracts (largely export orders, impacting companies like Siemens, Suzlon, Crompton Greaves, etc) or to contracts allowing only partial cost escalations.


Source: Bloomberg

*Average for 3 months forward contracts
Source: Bloomberg

## We remain Neutral on the sector

We remain Neutral on the capital goods sector. Earnings visibility is high for most of these companies, based on the current order-book-to-bill-ratio but they need to put in place good risk mitigation techniques for managing risks arising out of commodity price and currency movements. The key focus is now efficient execution and timely delivery.

Stock performance and valuations

STOCK PERFORMANCE (\%)

|  | ABSOLUTE PERF |  | REL PERF TO SENSEX |  | REL PERF TO SECTOR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 M | 1 YEAR | 3 M | 1 YEAR | 3 M | 1 YEAR |
| Engineering |  |  |  |  |  |  |
| ABB | -20 | 68 | -1 | 41 | 5 | 2 |
| Alstom Projects | -45 | 39 | -26 | 12 | -20 | -26 |
| Bharat Electron | -47 | -26 | -28 | -53 | -23 | -92 |
| BHEL | -19 | 83 | 0 | 56 | 6 | 18 |
| Crompton Greaves | -27 | 51 | -8 | 23 | -2 | -15 |
| Cummins India | -26 | 16 | -7 | -11 | -1 | -50 |
| Larsen \& Toubro | -24 | 101 | -5 | 74 | 1 | 35 |
| Siemens | -30 | 22 | -11 | -5 | -5 | -43 |
| Suzlon Energy | -29 | 40 | -10 | 13 | -4 | -26 |
| Thermax | -29 | 62 | -10 | 35 | -4 | -4 |



ReLATIVE PERFORMANCE - 1 YEAR (\%)


COMPARATIVE VALU ATION

*Under Review

| STOCK INFO. B | bloomberg |
| :---: | :---: |
| BSE Sensex: 16,371 | ABB IN |
|  | reuters code |
| S\&P CNX: 4,942 | ABb.bo |
| Equity Shares (m) | 211.9 |
| 52-Week Range | 1,670/676 |
| 1,6,12 Rel. Perf. (\%) | \%) 9/-2/41 |
| M.Cap. (Rs b) | 253.2 |
| M.Cap. (US\$ b) | 6.3 |

28 March 2008

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs1,196 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | net Sales | PAT | EPS | EpS Gr. | P/E | P/BV | Roe | Roce | EV/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 12/06A | 42,740 | 3,403 | 16.1 | 55.6 | 74.4 | 21.2 | 32.4 | 49.2 | 5.8 | 51.8 |
| 12/07A | 59,303 | 4,917 | 23.2 | 44.2 | 51.6 | 15.5 | 34.7 | 53.3 | 4.1 | 33.8 |
| 12/08E | 80,106 | 6,852 | 32.3 | 39.6 | 37.0 | 11.3 | 35.4 | 54.7 | 3.0 | 23.9 |
| 12/09E | 105,980 | 9,097 | 42.9 | 32.8 | 27.8 | 8.3 | 34.5 | 53.3 | 2.2 | 17.4 |

\& For 1QCY08, we expect revenues to grow by $33 \%$ YoY to Rs 17.5 b, EBITDA by $43 \%$ YoY to Rs 1.8 b and net profit by $42.5 \%$ YoY to Rs1.2b.

* ABB recently completed its capex plan of US\$ 100 m and intends to invest another US $\$ 100 \mathrm{~m}$ over CY08-CY09. The capex would be mainly on power and industrial transformers, HV/MV/LV switchgears, line protection devices, 765 kV transformers and instrumentation devices, etc. It plans to increase transformer capacity to $22,500 \mathrm{MVA}$ from current levels of $15,000 \mathrm{MVA}$. On the wind generation side, the facility has capacity to produce 1,200 generators of up to 2 MW each (per annum). Also, the company plans to manufacture 765 kV equipment in India.
\& During CY07, ABB received significantly large orders from JSW, DMRC, KPTCL, Grasim Industries, etc. It has experienced increase in average project size, with several order wins during the past 12 months for projects in the range of Rs $2 \mathrm{~b}+$. This trend is likely to tilt revenue mix towards project business (long gestation) from product business (smaller gestation, relatively higher margin segment). Contribution from project division has increased to $55 \%+$ in CY07, from $54.3 \%$ in CY06 and $49.8 \%$ in CY05.
* EBITDA margin for the company improved 100bp YoY during CY07 to $12.2 \%$ (v/s $11.2 \%$ in CY06). Order book momentum remains strong, but increasing share of projects in revenues could prolong the execution cycle.
\& We believe ABB's rich valuations already discount its buoyant growth prospects. It trades at 37x CY08E and 27.8x CY09E earnings. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/e december | CY07 |  |  |  | CY08E |  |  |  | CY07 | CY08E |
|  | 10 | 2 Q | 30 | 4 Q | 10 | 20 | 3 Q | 4 Q |  |  |
| Sales | 13,124 | 14,009 | 13,775 | 18,394 | 17,456 | 18,912 | 18,638 | 25,100 | 59,303 | 80,106 |
| Change (\%) | 63.5 | 43.8 | 28.7 | 29.0 | 33.0 | 35.0 | 35.3 | 36.5 | 38.8 | 35.1 |
| EBITDA | 1,282 | 1,638 | 1,724 | 2,602 | 1,833 | 2,345 | 2,404 | 3,584 | 7,246 | 10,166 |
| Change (\%) | 84.6 | 60.6 | 55.9 | 33.7 | 43.0 | 43.2 | 39.5 | 37.7 | 52.0 | 40.3 |
| As \% of Sales | 9.8 | 11.7 | 12.5 | 14.1 | 10.5 | 12.4 | 12.9 | 14.3 | 12.2 | 12.7 |
| Depreciation | 86 | 77 | 79 | 82 | 90 | 100 | 105 | 124 | 324 | 419 |
| Interest | 10 | 23 | 16 | 20 | 10 | 15 | 15 | 25 | 68 | 65 |
| Other Income | 152 | 147 | 158 | 254 | 175 | 200 | 250 | 275 | 710 | 900 |
| PBT | 1,337 | 1,686 | 1,787 | 2,755 | 1,908 | 2,430 | 2,534 | 3,710 | 7,565 | 10,582 |
| Tax | 471 | 600 | 630 | 947 | 673 | 857 | 893 | 1,308 | 2,648 | 3,730 |
| Effective Tax Rate (\%) | 35.2 | 35.6 | 35.3 | 34.4 | 35.3 | 35.3 | 35.3 | 35.3 | 35.0 | 35.3 |
| Repoted PAT | 866 | 1,086 | 1,157 | 1,808 | 1,235 | 1,573 | 1,641 | 2,402 | 4,917 | 6,852 |
| Adj. PAT | 866 | 1,079 | 1,170 | 1,808 | 1,235 | 1,573 | 1,641 | 2,402 | 4,917 | 6,852 |
| Change (\%) | 50.0 | 42.5 | 34.0 | 44.5 | 42.6 | 45.8 | 40.2 | 32.9 | 44.5 | 39.4 |

$\overline{\text { E: MOSt Estimates }}$

# Alstom Projects 

| STOCK INFO. BLOOMBERG  <br> BSE Sensex: 16,371 ABBAP IN  <br>  REUTERS CODE  |  |
| :--- | ---: |
| S\&P CNX: 4,942 ABBP.BO |  |
| Equity Shares (m) | 67.0 |
| 52-Week Range | $1,109 / 369$ |
| 1,6,12 Rel.Perf. (\%) | $-17 /-29 / 12$ |
| M.Cap. (Rs b) | 36.7 |
| M.Cap. (US\$ b) | 0.9 |


| 28 March 2008 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs547 |
| Year | net sales | PAT | EPS | EPS | P/E | P/BV | Roe | ROCE | EV/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | GRowTH (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 3/07A | 12,215 | 1,118 | 16.3 | 132.2 | 33.6 | 11.0 | 34.4 | 44.5 | 2.8 | 28.0 |
| 3/08E | 15,992 | 1,159 | 17.3 | 6.1 | 31.6 | 9.3 | 31.8 | 48.8 | 2.1 | 20.1 |
| 3/09E | 19,652 | 1,420 | 21.2 | 22.5 | 25.8 | 7.6 | 32.3 | 49.8 | 1.6 | 15.7 |
| 3/10E | 23,980 | 1,723 | 25.7 | 21.3 | 21.3 | 6.1 | 31.8 | 49.4 | 1.3 | 11.9 |

Consolidated Numbers
\& For 4QFY08, we expect revenues to grow $30.7 \%$ YoY to Rs5.6b, EBITDA to grow $25.2 \%$ YoY to Rs669m and net profit to grow $20 \%$ YoY to Rs441m.

2 During the quarter, Alstom received two export orders worth Rs2.4b for Fujairah Independent Water and Power Plant at Fujairah, UAE and an order worth Rs3.5b for Bujagali Hydro Electric Power Station at Jinja in Uganda.
\& The transport division is also poised for buoyant order intake, with the Railways increasing focus on safety measures and also due to plans by various urban infrastructure bodies to set up metro rail projects in key cities.
\& The stock trades at 25.8 x FY09E EPS and 21.3x FY10E EPS. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4 Q | 1 Q | 2 Q | 30 | 4QE |  |  |
| Sales | 2,237 | 2,677 | 2,977 | 4,306 | 2,413 | 3,981 | 3,968 | 5,630 | 12,215 | 15,992 |
| Change (\%) | 24.6 | 18.3 | 2.7 | 72.3 | 7.9 | 48.7 | 33.3 | 30.7 | 29.2 | 30.9 |
| EBITDA | 90 | 322 | 242 | 534 | 246 | 323 | 414 | 669 | 1,209 | 1,652 |
| Change (\%) | 119.5 | 177.6 | 139.6 | 198.3 | 173.3 | 0.3 | 71.1 | 25.2 | 167.3 | 36.6 |
| As of \% Sales | 4.0 | 12.0 | 8.1 | 12.4 | 10.2 | 8.1 | 10.4 | 11.9 | 9.9 | 10.3 |
| Depreciation | 34 | 36 | 40 | 54 | 55 | 54 | 60 | 48 | 164 | 217 |
| Interest | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 2 | 2 |
| Other Income | 68 | 102 | 169 | 9 | 87 | 107 | 109 | 47 | 350 | 350 |
| Extra-ordinary income | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 22 | 0 |
| PBT | 124 | 387 | 370 | 511 | 278 | 375 | 463 | 667 | 1,415 | 1,783 |
| Tax | 8 | 74 | 67 | 127 | 103 | 133 | 162 | 226 | 279 | 624 |
| Effective Tax Rate (\%) | 6.5 | 19.1 | 18.1 | 24.8 | 37.1 | 35.5 | 35.0 | 33.9 | 19.7 | 35.0 |
| Reported PAT | 116 | 313 | 303 | 384 | 175 | 242 | 301 | 441 | 1,136 | 1,159 |
| Adj PAT | 116 | 313 | 303 | 368 | 175 | 242 | 301 | 441 | 1,118 | 1,159 |
| Change (\%) | 73.1 | 172.2 | 304.0 | 77.6 | 50.9 | -22.7 | -0.7 | 20.0 | 137.1 | 3.6 |

E: MOSt Estimates

## Bharat Electronics

| STOCK InFO. | BLOOMBERG <br> BSE Sensex: <br> 16,371 |
| :--- | ---: |
| BHE IN <br> REUTERS CODE |  |
| S\&P CNX: 4,942 | BAJE.BO |
| Equity Shares (m) | 80.0 |
| 52-Week Range | $2,180 / 1102$ |
| 1,6,12 Rel. Perf. (\%) | $10 /-24 / 12$ |
| M.Cap. (Rs b) | 88.4 |
| M.Cap. (US\$ b) | 2.2 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy Rs1,105 |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | EPS | EPS | P/E | P/BV | roe | Roce | Ev/ | Ev/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 3/07A | 39,002 | 7,139 | 89.8 | 23.2 | 12.3 | 3.4 | 32.9 | 32.9 | 1.7 | 6.2 |
| 3/08E | 41,206 | 7,307 | 91.3 | 1.7 | 12.1 | 2.8 | 26.9 | 26.9 | 1.6 | 6.2 |
| 3/09E | 51,058 | 9,388 | 117.3 | 28.5 | 9.4 | 2.3 | 27.9 | 27.9 | 1.1 | 4.4 |
| 3/10E | 58,717 | 11,022 | 137.8 | 17.4 | 8.0 | 1.8 | 26.2 | 26.2 | 1.1 | 4.4 |

\& For 4QFY08, we expect Bharat Electronics to report revenues of Rs23.4b, up $34.8 \%$ YoY, EBITDA of Rs6.7b, up $38 \%$ YoY, and net profit of Rs 4.7 b, up $31.2 \%$ YoY.
\& BEL has guided revenues of US\$1b in FY08 and US\$2b by FY12. Order backlog as of March 2007 stood at Rs 90 b (up $36 \% \mathrm{YoY}$ ) and order intake for FY07 was at Rs63b (up $64 \% \mathrm{YoY}$ ).
\& BEL has signed MoUs with (1) Lockheed Martin to explore business opportunities for co-production of domestic aerospace and defense electronics needs, (2) Elbit Systems Electro Optics ELOP Ltd, Israel, for setting up a JV for development, production and marketing of Thermal Imaging Cameras and Forward Looking Infra Red (FLIRs) for the Indian and global markets, and (3) Northrop Grumman Corp to explore business opportunities for co-production in current and future aerospace and defense needs of India and international markets of Northrop Grummans.
\& Though these are currently enabling MoUs, we believe BEL would be able to leverage its competitive positioning with the JV partners over a longer period due to the offset clause.
8. We expect the company to post earnings CAGR of $15 \%$ over FY07-10. The stock quotes at a 9.4 x FY09E EPS and 8x FY10E EPS. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 10 | 2 O | 3 Q | 4QE |  |  |
| Sales | 4,831 | 8,343 | 8,638 | 17,342 | 4,044 | 7,089 | 6,622 | 23,371 | 38,943 | 41,127 |
| Change (\%) | 0.8 | 0.7 | 27.5 | 10.1 | -16.3 | -15.0 | -23.3 | 34.8 | 9.4 | 5.6 |
| EBITDA | 721 | 1,865 | 1,976 | 4,849 | -46 | 1,534 | 1,269 | 6,690 | 9,411 | 9,446 |
| Change (\%) | -4.0 | -9.1 | 36.6 | 16.2 | -106.4 | -17.8 | -35.8 | 38.0 | 11.7 | 0.4 |
| As of \% Sales | 14.9 | 22.4 | 22.9 | 28.0 | -1.1 | 21.6 | 19.2 | 28.6 | 24.2 | 23.0 |
| Depreciation | 208 | 198 | 205 | 252 | 211 | 221 | 234 | 248 | 863 | 914 |
| Interest | 3 | 1 | 2 | 0 | 1 | 0 | 0 | 1 | 5 | 3 |
| Other Income | 384 | 508 | 407 | 574 | 656 | 497 | 647 | 416 | 1,874 | 2,217 |
| PBT | 894 | 2,175 | 2,177 | 5,171 | 398 | 1,809 | 1,681 | 6,857 | 10,416 | 10,745 |
| Tax | 291 | 692 | 696 | 1,599 | 135 | 581 | 552 | 2,171 | 3,278 | 3,439 |
| Effective Tax Rate (\%) | 32.6 | 31.8 | 31.9 | 30.9 | 33.9 | 32.1 | 32.8 | 31.7 | 31.5 | 32.0 |
| Reported PAT | 603 | 1,483 | 1,482 | 3,572 | 263 | 1,228 | 1,130 | 4,686 | 7,139 | 7,307 |
| Change (\%) | 6.5 | 1.1 | 52.7 | 27.2 | -56.4 | -17.2 | -23.8 | 31.2 | 22.8 | 2.4 |
| Adj PAT | 603 | 1,483 | 1,482 | 3,572 | 263 | 1,228 | 1,130 | 4,686 | 7,139 | 7,307 |

E: MOSt Estimates
Satyam Agarwal (Agarwals@MotilalOswal.com)Tel: +91 223982 5410/Shridatta Bhandwaldar (Shridatta.Bhandwaldar@MotilalOswal.com)

| STOCK INFO. <br> BSE Sensex: <br>  <br> 16,371 | BLOOMBERG <br> BHEL IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 4,942 | BHEL.BO |, | Equity Shares (m) | 489.5 |
| :--- | ---: |
| 52-Week Range | $2,925 / 1,073$ |
| 1,6,12 Rel. Perf. (\%) | $-2 / 8 / 56$ |
| M.Cap. (Rs b) | $1,024.1$ |
| M.Cap. (US\$ b) | 25.7 |


| 28 March 2008 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  | Rs2,092 |  |
| Year | net Sales | PAT | EPS | EPS | P/E | P/BV | roe | Roce | EV/ | Ev/ |
| END | (RS M) | (RS M) | (RS) G | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07A | 176,427 | 24,144 | 49.3 | 44.0 | 42.4 | 11.7 | 30.0 | 50.0 | 5.6 | 26.8 |
| 03/08E | 214,003 | 29,458 | 60.2 | 22.0 | 34.8 | 9.0 | 29.3 | 53.1 | 4.6 | 21.5 |
| 03/09E | 303,581 | 42,977 | 87.8 | 45.9 | 23.8 | 7.0 | 33.0 | 53.1 | 3.2 | 14.6 |
| 03/10E | 388,142 | 57,594 | 117.7 | 34.0 | 17.8 | 5.3 | 34.0 | 54.1 | 2.5 | 10.7 |

\& For 4QFY08, we expect revenues to grow 26.4\% YoY to Rs87.5b, EBITDA to grow $27.3 \%$ YoY to Rs20.2b and net profit to grow $27.3 \%$ YoY to Rs14.6b.
\& The order book for the company stood at Rs780b as of December 2007, up 67\% YoY while the order intake for 3QFY08 was Rs109.3b. The current order backlog represents a book-to-bill ratio of 3.7 x on its FY08E revenues of Rs209b.

- During 4QFY08, key order wins by BHEL include a 1,000MW Nabinagar Thermal Power Project in Bihar (250MW x 4) worth Rs20.3b, ( 2 x 350MW) gas turbine based combined cycle power plant near Pipavav in Gujarat by GSPC Pipavav Power Company worth Rs18.9b, 350MW gas turbine based combined cycle power plant to be installed at Hazira in Gujarat worth Rs10.8b, 300MW Western Mountain Power Project Extension in Libya for General Electricity Company of Libya worth Rs6.5b, mega contract for setting up two units of 500MW each at Anpara D Thermal Power Station (TPS) in Uttar Pradesh worth Rs34b, etc.
25 Majority of orders ( $\sim 66 \mathrm{GW}$ ) for the XIth plan have already been placed, while the remaining ( $\sim 12 \mathrm{GW}$ ) are likely to be placed during the next 2-3 quarters. Going forward, we expect stagnation order intake for BHEL - order intake in FY09 is contingent on XIIth plan projects taking off.
$\approx$ NTPC and BHEL are setting up a JV to carry out EPC activities for the power generation plants. The details about the structuring of the JV are not yet clear.

2. BHEL has guided revenues of US\$10b by FY12 - a CAGR of $19 \%$. The stock trades at 23.8 x FY09E EPS and 17.8x FY10E EPS. We maintain Neutral.

| QUARTERLY Performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 10 | 2 Q | 30 | 4QE |  |  |
| Sales | 26,564 | 33,412 | 43,397 | 69,197 | 32,339 | 39,654 | 49,641 | 87,499 | 172,375 | 209,133 |
| Change (\%) | 37.2 | 33.1 | 30.5 | 25.5 | 21.7 | 18.7 | 14.4 | 26.4 | 29.7 | 21.3 |
| EBITDA | 3,182 | 4,563 | 9,292 | 15,872 | 3,107 | 6,952 | 9,976 | 20,210 | 32,909 | 40,244 |
| Change (\%) | 85.5 | 23.7 | 54.1 | 32.8 | -2.4 | 52.3 | 7.4 | 27.3 | 40.7 | 22.3 |
| As a \% Sales | 12.0 | 13.7 | 21.4 | 22.9 | 9.6 | 17.5 | 20.1 | 23.1 | 19.1 | 19.2 |
| Depreciation | 639 | 667 | 662 | 762 | 689 | 694 | 762 | 937 | 2,730 | 3,082 |
| Interest | 131 | 136 | 120 | 47 | 22 | 193 | 98 | 109 | 433 | 421 |
| Other Income | 1,201 | 1,699 | 1,855 | 2,860 | 2,063 | 5,009 | 2,649 | 3,203 | 7,615 | 12,924 |
| PBT | 3,613 | 5,460 | 10,365 | 17,928 | 4,460 | 11,074 | 11,765 | 22,367 | 37,366 | 49,665 |
| Tax | 1,246 | 1,860 | 3,688 | 6,419 | 1,570 | 4,197 | 4,046 | 7,718 | 13,214 | 17,532 |
| Effective Tax Rate (\%) | 34.5 | 34.1 | 35.6 | 35.8 | 35.2 | 37.9 | 34.4 | 34.5 | 35.4 | 35.3 |
| Reported PAT | 2,367 | 3,600 | 6,677 | 11,509 | 2,890 | 6,877 | 7,719 | 14,649 | 24,152 | 32,133 |
| Change (\%) | 85.1 | 38.4 | 57.8 | 32.6 | 22.1 | 91.0 | 15.6 | 27.3 | 43.8 | 33.0 |
| Adj. PAT | 2,367 | 3,600 | 6,677 | 11,506 | 2,890 | 5,632 | 7,719 | 14,649 | 24,149 | 29,458 |
| Change (\%) | 85.1 | 38.4 | 57.8 | 32.6 | 22.1 | 56.4 | 15.6 | 27.3 | 43.8 | 22.0 |

## E: MOSt Estimates

Satyam Agarwal (Agarwals@MotilalOswal.com)Tel: +91 223982 5410/Shridatta Bhandwaldar (Shridatta.Bhandwaldar@MotilalOswal.com)

| STOCK INFO. BLOOMBERG  <br> BSE Sensex: 16,371 CRG IN  <br>  REUTERS CODE  <br> S\&P CNX: 4,942 CROM.BO  |  |
| :--- | ---: |
| Equity Shares (m) | 366.6 |
| 52-Week Range | $454 / 183$ |
| 1,6,12 Rel. Perf. (\%) | $-4 /-8 / 23$ |
| M.Cap. (Rs b) | 105.6 |
| M.Cap. (US\$ b) | 2.6 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  | Rs288 |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{aligned} & \text { PAT* } \\ & \text { (RS M) } \end{aligned}$ | EPS* <br> (RS) | EPS GR. <br> (\%) | P/E <br> (X) | $\begin{gathered} \mathrm{P} / \mathrm{BV} \mathrm{C} \\ (\mathrm{X}) \end{gathered}$ | ROE <br> (\%) | ROCE <br> (\%) | EV/ SALES | EV/ <br> EBITDA |
| 3/07A | 33,676 | 2,417 | 6.6 | 0.6 | 43.7 | 16.0 | 32.6 | 38.6 | 3.2 | 31.2 |
| 3/08E | 39,634 | 3,887 | 10.6 | 60.8 | 27.2 | 12.0 | 37.6 | 45.8 | 2.7 | 21.9 |
| 3/09E | 47,319 | 5,298 | 14.5 | 36.3 | 19.9 | 9.2 | 36.5 | 44.6 | 2.2 | 17.8 |
| 3/10E | 57,238 | 7,076 | 19.3 | 33.6 | 14.9 | 7.1 | 35.4 | 46.0 | 1.8 | 14.3 |

[^13]\& For 4QFY08, we expect Crompton to report standalone revenues of Rs12.5b, up $26 \%$ YoY, EBITDA of Rs1.6b, up $37.6 \%$ YoY, and net profit of Rs942m, up $25.7 \%$ YoY. As of December 2007, the company's standalone order book stood at Rs21.7b, up $2.8 \%$ YoY, and the order book for Pauwels and Ganz put together stands at Rs30.3b, up $24.8 \%$ YoY.
\& The management has guided $20-22 \%$ revenue growth during FY09. Power and Industrial segments are expected to grow ~20\% during FY08; in FY09, growth in the Industrial segment is likely to decline to $15 \%$. Exports and international business are expected to grow at $\sim 20 \%$ for FY 08 and FY09. The company expects standalone EBITDA margins to improve to $\sim 12 \%$ in FY08 ( $\mathrm{v} / \mathrm{s} 10.2 \%$ in FY07). The tax rate would increase to the full corporate tax level by FY10. Due to demand slowdown in the US and Europe, the power business could be adversely impacted.
\& Through its $100 \%$ subsidiary, CG International BV, Netherlands, the company has acquired its JV partner's $40 \%$ voting share capital in PT Pauwels Trafo Asia, Indonesia, for US\$10.7m.
8. We expect Crompton to report consolidated revenues of Rs72.3b in FY08 (up 20.6\% YoY) and Rs86.8b in FY09 (up $20 \%$ YoY). The stock trades at $27.2 x$ FY08E EPS and 19.9x FY09E EPS. We maintain Neutral.

| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1Q | 2 Q | 3Q | 4Q | 1Q | 2 Q | 3Q | 4QE |  |  |
| Sales | 7,406 | 8,240 | 8,130 | 9,900 | 8,961 | 9,050 | 9,152 | 12,472 | 33,676 | 39,634 |
| Change (\%) | 42.5 | 48.6 | 25.5 | 24.0 | 21.0 | 9.8 | 12.6 | 26.0 | 33.6 | 17.7 |
| EBITDA | 722 | 736 | 818 | 1,143 | 1,045 | 1,068 | 1,160 | 1,573 | 3,418 | 4,846 |
| Change (\%) | 58.7 | 39.1 | 38.5 | 52.0 | 44.8 | 45.2 | 41.8 | 37.6 | 46.9 | 41.8 |
| As of \% Sales (Adj) | 9.7 | 8.9 | 10.1 | 11.5 | 11.7 | 11.8 | 12.7 | 12.6 | 10.2 | 12.2 |
| Depreciation | 100 | 81 | 100 | 113 | 105 | 113 | 115 | 122 | 394 | 455 |
| Interest | 53 | 72 | 78 | 101 | 66 | 60 | 72 | 85 | 304 | 282 |
| Other Income | 49 | 94 | 72 | 133 | 126 | 185 | 144 | 129 | 349 | 584 |
| PBT | 618 | 677 | 713 | 1,063 | 1,000 | 1,080 | 1,117 | 1,495 | 3,070 | 4,693 |
| Tax | 254 | 270 | 258 | 363 | 313 | 339 | 438 | 553 | 1,146 | 1,642 |
| Effective Tax Rate (\%) | 41.1 | 39.9 | 36.3 | 34.2 | 31.2 | 31.4 | 39.2 | 37.0 | 37.3 | 35.0 |
| Reported PAT | 364 | 407 | 454 | 699 | 688 | 742 | 679 | 942 | 1,924 | 3,050 |
| Adj PAT | 364 | 387 | 454 | 749 | 638 | 642 | 679 | 942 | 1,954 | 2,900 |
| Change (\%) | 16.4 | 18.9 | -17.0 | 0.1 | 75.3 | 65.9 | 49.5 | 25.7 | 1.0 | 48.4 |

$\overline{\text { E: MOSt Estimates }}$

# Cummins India 

| stock info. BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | KKC IN |
|  | reuters code |
| S\&P CNX: 4,942 | CUMM.Bo |
| Equity Shares (m) | 198.0 |
| 52-Week Range | 463/252 |
| 1,6,12 Rel. Perf. (\%) | \%) -4/-25/-11 |
| M.Cap. (Rs b) | 81.3 |
| M.Cap. (US\$ b) | 2.1 |


| 28 March 2008 |  |  |  |  |  |  |  | Under Review |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs303 |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES* <br> (RS M) | $\begin{aligned} & \text { PAT * } \\ & (\text { RS M) } \end{aligned}$ | EPS* (RS) | EPS GR.* <br> (\%) | $\begin{aligned} & \text { P/E* } \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | RoE <br> (\%) | roce <br> (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 03/07A | 18,408 | 2,680 | 13.5 | 45.9 | 20.9 | 6.0 | 28.2 | 35.0 | 2.6 | 15.9 |
| 03/08E | 22,938 | 3,117 | 15.7 | 16.3 | 18.0 | 5.0 | 27.3 | 32.6 | 2.0 | 14.2 |
| 03/09E | 28,716 | 3,815 | 19.3 | 22.4 | 14.7 | 4.2 | 27.7 | 34.5 | 1.6 | 11.2 |
| 03/10E | 36,050 | 4,881 | 24.7 | 27.9 | 11.5 | 3.4 | 29.5 | 36.9 | 1.2 | 8.5 |

In 4QFY08, Cummins committed significant amounts for capacity expansion. It invested Rs200m at Pirangut near Pune to manufacture low HP gensets, and Rs800m in Kothrud, Pune towards expansion of its KV range of engines for the global market.

25 Further, Cummins signed a "mega project" MoU with the government of Maharashtra for the "Cummins Campus" at Phaltan in the Satara district. This campus is expected to house facilities of Tata Cummins, Cummins India and other Cummins group companies in India. We expect Cummins India to invest here Rs1.5b over FY08 and FY09.
\& For 4QFY08, we expect steady revenue growth of $25 \%$ YoY. EBITDA margin should be 230 bps lower due to rupee appreciation and rising cost of materials. We expect PAT growth of $13 \% \mathrm{YoY}$.
\& The stock trades at a PE of 18x FY08E, 14.7x FY09E and 11.5x FY10E. Our target price and rating for Cummins India are under review.

| QUARTERLY Performance (Standalone) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 10 | 2 Q | 30 | 4QE |  |  |
| Net Sales | 3,915 | 4,674 | 4,770 | 5,049 | 5,423 | 5,282 | 5,902 | 6,330 | 18,408 | 22,938 |
| Change (\%) | 19.3 | 30.8 | 22.4 | 30.2 | 38.5 | 13.0 | 23.7 | 25.4 | 25.8 | 24.6 |
| Total Expenses | 3,295 | 3,889 | 4,051 | 4,226 | 4,684 | 4,556 | 5,035 | 5,443 | 15,461 | 19,718 |
| EBITDA bef. Ol | 619 | 786 | 719 | 823 | 740 | 726 | 867 | 887 | 2,947 | 3,220 |
| Operating Other Income * | 78 | 93 | 95 | 101 | 108 | 106 | 118 | 127 | 395 | 459 |
| EBITDA | 697 | 879 | 814 | 924 | 848 | 831 | 985 | 1,013 | 3,341 | 3,678 |
| Change (\%) | 38.2 | 78.2 | 22.3 | 39.9 | 21.6 | -5.5 | 21.1 | 9.6 | 44.0 | 10.1 |
| EBITDA Margin (\%) | 17.8 | 18.8 | 17.1 | 18.3 | 15.6 | 15.7 | 16.7 | 16.0 | 18.2 | 16.0 |
| Depreciation | 81 | 94 | 77 | 74 | 76 | 77 | 86 | 96 | 326 | 335 |
| Interest | 0 | 0 | 2 | 11 | 2 | 1 | 0 | 15 | 14 | 18 |
| Financial Income * | 84 | 101 | 164 | 135 | 123 | 157 | 151 | 201 | 459 | 632 |
| PBT | 700 | 886 | 899 | 975 | 894 | 911 | 1,049 | 1,103 | 3,460 | 3,957 |
| Tax | 192 | 259 | 270 | 318 | 253 | 246 | 303 | 361 | 1,040 | 1,164 |
| Tax/PBT (\%) | 27.5 | 29.2 | 30.1 | 32.6 | 28.3 | 27.0 | 28.9 | 32.7 | 30.0 | 29.4 |
| Reported PAT | 508 | 627 | 629 | 657 | 640 | 665 | 746 | 742 | 2,421 | 2,793 |
| Adjusted PAT | 508 | 627 | 629 | 657 | 640 | 665 | 746 | 742 | 2,421 | 2,793 |
| Change (\%) | 43.6 | 66.0 | 29.8 | 21.4 | 26.1 | 6.0 | 18.6 | 13.0 | 37.8 | 15.4 |
| PAT Margin (\%) | 13.0 | 13.4 | 13.2 | 13.0 | 11.8 | 12.6 | 12.6 | 11.7 | 13.1 | 12.2 |

$\overline{\text { E: MOSt Estimates }}$

| STOCK INFO. <br> BSE Sensex: 16,371 | BLOOMBERG |
| :---: | :---: |
|  | LT IN |
|  | Reuters code |
| S\&P CNX: 4,942 LA | RT.BO |
| Equity Shares (m) | 291.9 |
| 52-Week Range | 4,670/1,508 |
| 1,6,12 Rel. Perf. (\%) | -5/17/74 |
| M.Cap. (Rs b) | 918.5 |
| M.Cap. (US\$ b) | 23.0 |


| 28 March 2008 |  |  |  |  |  |  |  |  | NeutralRs3,147 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  |  |
| year | NET SALES | PAT * | EPS* | EPS GR. | P/E* | P/BV | ROE | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 3/07A | 176,846 | 18,310 | 62.7 | 72.4 | 50.2 | 15.5 | 26.1 | 28.2 | 5.1 | 49.6 |
| 3/08E | 247,886 | 23,029 | 78.9 | 22.1 | 39.9 | 9.5 | 27.2 | 31.5 | 3.6 | 29.7 |
| 3/09E | 320,399 | 32,299 | 110.7 | 40.3 | 28.4 | 7.9 | 25.0 | 28.9 | 2.9 | 22.7 |
| 3/10E | 397,034 | 40,228 | 137.8 | 24.5 | 22.8 | 6.6 | 25.5 | 28.4 | 2.3 | 18.3 |

*Consolidated; EPS is fully diluted
\& For 4 QFY 08 , we expect revenues of Rs82.1b, up $31.4 \%$ YoY, EBITDA of Rs 13.9 b, up $43 \%$ YoY, and net profit of Rs9.1b, up $30.7 \%$ YoY.
\& L\&T's order backlog as at December 2007 stood at Rs496b against Rs440b in September 2007. The company's order book-to-bill ratio has improved from 1.5x as of March 2006 to around 2 x as of December 2007 (FY08 revenue).
25 The management has revised its revenue growth guidance up to $35 \%+$ in FY08 (v/s earlier guidance of $30-35 \%$ ) and expects $\mathrm{E} \& \mathrm{C}$ division EBITDA margin to improve marginally.
\& L\&T International FZE ( $100 \%$ subsidiary of L\&T) has incurred a loss of $\sim$ Rs 2 b on commodity hedging, largely on zinc (price decline of $27 \%$ during 9MFY08) and other metals, which had witnessed sharp volatility in the interim. The risk management practice adopted by the company mandates 'stop loss' for derivatives positions, which have been triggered due to the sharp price volatility of underlying metals. The losses due to hedging are partly offset through spot market purchases of the specified commodities in standalone results.
\& The company has acquired land for setting up a power equipment manufacturing facility in JV with Mitsubishi Heavy Industries for supercritical boilers and turbines. The land is in Hazira, near its existing facility, and the new facility would be commissioned in 24 months.
\& The stock trades at $39.9 x$ FY08E EPS and 28.4x FY09E EPS. We maintain Neutral.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 O | 30 | 4 Q | 10 | 20 | 30 | 4QE |  |  |
| Net Sales | 34,689 | 37,361 | 41,184 | 62,482 | 45,052 | 54,999 | 63,827 | 82,133 | 175,788 | 246,011 |
| Change (\%) | 11.5 | 11.7 | 12.3 | 36.0 | 29.9 | 47.2 | 55.0 | 31.4 | 20.0 | 39.9 |
| EBITDA | 2,698 | 3,062 | 5,185 | 9,718 | 4,738 | 6,526 | 7,551 | 13,902 | 20,665 | 32,716 |
| Change (\%) | 53.5 | 117.6 | 63.0 | 54.2 | 75.6 | 113.1 | 45.6 | 43.0 | 82.4 | 66.3 |
| As of \% Sales | 9.2 | 8.9 | 11.8 | 14.9 | 10.2 | 11.6 | 11.7 | 16.1 | 11.3 | 12.9 |
| Depreciation | 309 | 336 | 357 | 698 | 424 | 483 | 527 | 612 | 1,700 | 2,046 |
| Interest | 158 | 106 | 12 | 63 | 157 | 132 | 438 | 447 | 339 | 1,175 |
| Other Income | 216 | 437 | 350 | 420 | 1,608 | -430 | 360 | 645 | 1,420 | 2,183 |
| Reported PBT | 2,448 | 3,057 | 5,166 | 9,377 | 5,764 | 5,481 | 6,946 | 13,488 | 20,046 | 31,678 |
| Tax | 877 | 1,046 | 1,727 | 2,371 | 1,995 | 2,001 | 2,128 | 4,330 | 6,019 | 10,454 |
| Effective Tax Rate (\%) | 35.8 | 34.2 | 33.4 | 25.3 | 34.6 | 36.5 | 30.6 | 32.1 | 30.0 | 33.0 |
| Reported Profit | 1,571 | 2,011 | 3,440 | 7,006 | 3,769 | 3,480 | 4,817 | 9,158 | 14,027 | 21,224 |
| Adjusted PAT | 1,839 | 1,831 | 3,440 | 7,006 | 2,924 | 3,836 | 5,148 | 9,158 | 13,845 | 21,066 |
| Change (\%) | 89.5 | 53.0 | 83.1 | 52.8 | 59.0 | 109.5 | 49.7 | 30.7 | 59.1 | 52.2 |

E: MOSt; All quarterly numbers are for standalone entity

| STOCK INFO. | BLOOMBERG |  |
| :--- | ---: | :---: |
| BSE Sensex: 16,371 | SIEM IN <br> REUTERS CODE |  |
| S\&P CNX: 4,942 | SIEM.BO |  |

28 March 2008

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs662 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| YEAR | NET SALES | PAT | EPS | EPS GR. | P/E | P/BV | ROE | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 9/07A | 77,660 | 4,671 | 13.9 | 30.0 | 47.8 | 7.0 | 40.1 | 69.1 | 1.4 | 14.4 |
| 9/08E | 103,294 | 6,183 | 18.3 | 32.4 | 36.1 | 5.4 | 44.5 | 66.6 | 1.0 | 11.8 |
| 9/09E | 137,500 | 8,463 | 25.1 | 36.9 | 26.4 | 4.3 | 43.0 | 64.8 | 0.7 | 8.5 |

\& For 2QFY08, we expect Siemens to report revenues of Rs28.8b (up 34.9\% YoY), EBITDA of Rs2.3b (up 37.2\% YoY), and net profit of Rs 1.5 b (up $43.9 \% \mathrm{YoY}$ ).
\& Siemens has set a target to double its revenues over the next three years, driven by growth in product and project business. The order book for the company as of December 2007 stood at Rs 93.7 b (v/s Rs1 10b in December 2006), and order book to bill ratio now stands at 0.9 x .
\& During FY07, the company spent Rs4.5b on newfactory additions and upgradation of existing manufacturing facilities. Its new large transformer capacity at Kalwa became operational during FY07. Currently, total manufacturing capacity for transformers stands at 15,000 MVA per year.
$\&$ Siemens AG launched an extensive review of major projects in 2QCY08, and the results so far indicate an impact of $€ 900 \mathrm{~m}$ on earnings in 2QCY08, largely on account of: (a) Power Generation Equipment: large number of turnkey projects that had accumulated since 2004 have had an adverse effect and new exposure is attributed to structural challenges in suppliers market and delays in recruiting experienced project engineers; (b) Mobility Division: delays in awarding of major projects; (c) Siemens IT Solutions and Services: new risks arose in UK projects, including among others a customer's cancellation of a major order.
\& We expect Siemens to report a standalone net profit of Rs6.2b during FY08 and Rs8.5b during FY09. The stock trades at 36x FY08E and 26.4x FY09E EPS. We maintain Neutral.

| quarterly performance (Standalone) |  |  |  |  |  |  |  |  | (RS MILLION |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/e SEPTEMBER | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4 Q | 10 | 2 O | 3QE | 4QE |  |  |
| Total Revenues | 16,331 | 21,352 | 17,902 | 22,055 | 19,195 | 28,804 | 25,031 | 30,264 | 77,660 | 103,294 |
| Change (\%) | 89.9 | 88.4 | 71.1 | 47.1 | 17.5 | 34.9 | 39.8 | 37.2 | 71.1 | 33.0 |
| EBITDA | 1,234 | 1,677 | 910 | 3,575 | 1,548 | 2,301 | 1,529 | 3,505 | 7,415 | 8,883 |
| Change (\%) | 56.1 | 38.2 | 14.8 | 187.3 | 25.4 | 37.2 | 68.1 | -2.0 | 85.2 | 19.8 |
| As \% of Revenues | 7.6 | 7.9 | 5.1 | 16.2 | 8.1 | 8.0 | 6.1 | 11.6 | 9.5 | 8.6 |
| Adjusted EBIDTA | 1,234 | 1,677 | 910 | 2,495 | 1,548 | 2,301 | 1,529 | 3,505 | 6,335 | 8,883 |
| As \% of Revenues | 7.6 | 7.9 | 5.1 | 11.3 | 8.1 | 8.0 | 6.1 | 11.6 | 8.2 | 8.6 |
| Depreciation | 103 | 109 | 121 | 160 | 151 | 125 | 150 | 165 | 492 | 591 |
| Interest Income | 126 | 105 | 123 | 90 | 131 | 100 | 125 | 94 | 443 | 450 |
| Other Income | 152 | 57 | 295 | 370 | 16 | 45 | 250 | 176 | 593 | 486 |
| Extra-ordinary Items | 0 | 0 | 259 | 524 | 1,246 | 0 | 0 | 0 | 783 | 1,246 |
| PBT | 1,409 | 1,730 | 1,207 | 4,399 | 2,789 | 2,321 | 1,754 | 3,610 | 8,742 | 10,474 |
| Tax | 426 | 650 | 389 | 1,313 | 819 | 766 | 579 | 1,293 | 2,777 | 3,456 |
| Effective Tax Rate (\%) | 30.2 | 37.5 | 32.2 | 29.8 | 29.4 | 33.0 | 33.0 | 35.8 | 31.8 | 33.0 |
| Reported PAT | 984 | 1,081 | 818 | 3,086 | 1,970 | 1,555 | 1,175 | 2,317 | 5,965 | 7,018 |
| Adjusted PAT | 984 | 1,081 | 642 | 1,960 | 1,090 | 1,555 | 1,175 | 2,317 | 4,671 | 6,183 |
| Change (\%) | 78.4 | -8.3 | 13.6 | 43.4 | 10.8 | 43.9 | 83.1 | 18.2 | 27.6 | 32.4 |

E: MOSt Estimates; Nos are for standalone entity
Satyam Agarwal (Agarwals@MotilalOswal.com)Tel: +912239825410/Shridatta Bhandwaldar (Shridatta.Bhandwaldar@MotilalOswal.com)

# Suzlon Energy 

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: <br> 16,371 <br> SUEL IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 4,942 | SUZL.BO |
| Equity Shares (m) | $1,550.9$ |
| 52-Week Range | $460 / 186$ |
| 1,6,12 Rel. Perf. (\%) | $-1 /-1 / 13$ |
| M.Cap. (Rs b) | 418.7 |
| M.Cap. (US\$ b) | 10.5 |

28 March 2008

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs270 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | net sales (RS M) | $\begin{aligned} & \text { PAT* } \\ & \text { (RS M) } \end{aligned}$ | $\begin{aligned} & \text { EPS* } \\ & \text { (RS) } \end{aligned}$ | $\begin{gathered} \text { EPS GR.* } \\ (\%) \end{gathered}$ | $\begin{aligned} & \text { P/E* } \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | roe <br> (\%) | ROCE <br> (\%) | $\begin{aligned} & \text { EV/ } \\ & \text { SALES } \end{aligned}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 79,857 | 8,641 | 6.0 | 19.6 | 45.0 | 11.4 | 27.6 | 21.0 | 5.3 | 32.1 |
| 3/08E | 134,934 | 10,850 | 7.0 | 16.6 | 38.6 | 4.4 | 17.3 | 15.1 | 3.4 | 23.6 |
| 3/09E | 200,035 | 18,793 | 12.1 | 73.2 | 22.3 | 3.8 | 19.0 | 14.8 | 2.5 | 17.0 |
| 3/10E | 248,584 | 25,323 | 16.3 | 34.8 | 16.5 | 3.2 | 21.9 | 15.1 | 2.0 | 13.2 |

${ }^{*}$ Consolidated
F For 4QFY08, we expect revenues of Rs47.4b, up 62.5\% YoY, EBITDA of Rs8.2b, up $65 \%$ YoY, and net profit of Rs4.8b, up $34.81 \%$ YoY.
\& Order backlog as of December 2007 stood at Rs171b (3,357MW, as against Rs77.2b in 3QFY07). The geographic break-up of this was as follows: India 441MW, USA 1,832MW, Brazil 231MW, Europe 304MW, China 202MW and Australia 346MW.
\& New orders during 4QFY08 include an order from Spanish Saving Bank Unicaja, Spain for 49 units of Suzlon S882.1 MW wind turbines translating into 102.9 MW , an order from Pacific Hydro Ltd, Australia for delivery of 27 units of Suzlon S88-2.1 MW wind turbines translating into 56.7MW (scheduled for completion in early 2010).
\& USoperations impacted both margins and volumes: US operations currently account for $55 \%$ of order book (1,834MW of total order book of $3,357 \mathrm{MW}$ ). We understand that margins on USoperations have been impacted due to (1) rupee appreciation ( $5 \%+$ since 1QFY08), (2) levy of import duty of $2.6 \%$ on Nacelles import (which accounts for $60 \%$ of WTG cost), and (3) increasing commodity prices ( $22 \%+$ increase in steel prices w.e.f. April 2007). Based on these factors, we expect EBITDA margin impact on existing order book from US operations at $\sim 500 \mathrm{bp}$, given that fixed price contracts account for $65 \%$ of the order book. Further, current order book from the US would account for $96 \%$ of Suzlon' s FY09 MW sales from US operations and $79 \%$ of FY10, resulting in continued margin pressure.
\& We expect Suzlon to post net profit of Rs10.9b in FY08 and Rs18.8b in FY09. The stock trades at 22.3x FY09E and 16.5 x FY10E consolidated earnings. We maintain Neutral.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4 Q | 1Q | 2Q | 3 Q | 4QE |  |  |
| Sales | 10,689 | 20,870 | 19,139 | 29,159 | 19,446 | 36,413 | 31,698 | 47,377 | 79,857 | 134,934 |
| Change (\%) | 243.6 | 85.8 | 117.3 | 91.0 | 81.9 | 74.5 | 65.6 | 62.5 | 107.9 | 69.0 |
| EBITDA | 1,858 | 3,600 | 2,546 | 4,954 | 1,398 | 5,870 | 3,889 | 8,175 | 12,958 | 19,331 |
| Change (\%) | 181.0 | 42.6 | 69.8 | 24.9 | -24.8 | 63.0 | 52.7 | 65.0 | 47.4 | 49.2 |
| As of \% Sales | 17.4 | 17.3 | 13.3 | 17.0 | 7.2 | 16.1 | 12.3 | 17.3 | 16.2 | 14.3 |
| Depreciation | 347 | 428 | 343 | 600 | 585 | 583 | 747 | 873 | 1,718 | 2,789 |
| Interest | 366 | 547 | 638 | 972 | 1,079 | 1,387 | 1,565 | 1,793 | 2,523 | 5,823 |
| Other Income | 161 | 87 | 254 | 463 | 426 | 535 | 725 | 297 | 965 | 1,983 |
| PBT | 1,306 | 2,711 | 1,820 | 3,846 | 161 | 4,434 | 2,302 | 5,805 | 9,683 | 12,701 |
| Tax | 346 | 340 | 93 | 256 | -40 | 457 | 873 | 966 | 1,035 | 2,257 |
| Effective Tax Rate (\%) | 26.5 | 12.5 | 5.1 | 6.6 | (24.6) | 10.3 | 37.9 | 16.6 | 10.7 | 17.8 |
| Reported PAT | 960 | 2,371 | 1,727 | 3,590 | 200 | 3,978 | 1,428 | 4,839 | 8,648 | 10,445 |
| Change (\%) | 115.2 | 14.7 | 28.9 | -4.3 | -79.2 | 67.8 | -17.3 | 34.8 | 13.7 | 20.8 |
| PAT (post Minority Interest) | 953 | 2,354 | 1,744 | 3,590 | 189 | 3,978 | 1,517 | 4,839 | 8,640 | 10,850 |

## E:MOSt Estimates

Satyam Agarwal (Agarwals@MotilalOswal.com)Tel: +91 223982 5410/Shridatta Bhandwaldar (Shridatta.Bhandwaldar@MotilalOswal.com)

| STOCK INFO. | BLOOMBERG |  |
| :--- | ---: | :---: |
| BSE Sensex: 16,371 | TMX IN |  |
|  | REUTERS CODE |  |
| S\&P CNX: 4,942 | THMX.BO |  |
| Equity Shares (m) | 119.2 |  |
| 52-Week Range (Rs) | $968 / 355$ |  |
| 1,6,12 Rel. Perf. (\%) | $-2 /-16 / 35$ |  |
| M.Cap. (Rs b) | 70.4 |  |
| M.Cap. (US\$ b) | 1.8 |  |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Buy } \\ & \text { Rs592 } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | net sales (RS M) | $\begin{gathered} \text { PAT* } \\ (\text { RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS* } \\ & \text { (RS) } \end{aligned}$ | $\begin{gathered} \text { EPS GR.* } \\ (\%) \end{gathered}$ | $\begin{aligned} & \text { P/E* } \\ & \text { (X) } \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | RoE <br> (\%) | roce <br> (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 03/07A | 21,730 | 1,976 | 16.6 | 92.7 | 35.6 | 12.2 | 35.5 | 56.2 | 3.2 | 24.5 |
| 03/08E | 32,029 | 2,885 | 24.2 | 46.0 | 24.4 | 9.4 | 42.4 | 63.3 | 2.1 | 16.9 |
| 03/09E | 43,910 | 4,251 | 35.7 | 47.4 | 16.6 | 6.7 | 46.1 | 69.1 | 1.4 | 10.9 |
| 03/10E | 57,224 | 5,848 | 49.1 | 37.6 | 12.0 | 4.6 | 44.5 | 66.8 | 1.0 | 7.2 |

\& For 4 QFY 08 , we expect revenues of Rs9.3b, up $15.5 \%$ YoY, EBITDA of Rs 1.2 b , and net profit of Rs 915 m , up $39.5 \%$ YoY. The management has guided revenue growth of $40 \%$ YoY during FY08 and stable EBITDA margin.
2. The order backlog for the company stood at Rs32.7b as of December 2007.
\& Thermax recently signed a technical transfer license with Babcock \& Wilcox Power Generation Group, Inc. (B\&W PGG), USA. This grants it the right to engineer, manufacture and sell sub-critical B\&W Radiant utility boilers up to 800MW in India for the next 15 years.
\& Thermax has also signed a technical knowhow transfer and license agreement with Balcke-Durr GmbH, Germany. The license mainly encompasses manufacture of electrostatic precipitators (ESPs) - air pollution control equipment for power, industrial and utility segments upto 300MW.
\& We expect Thermax to report a consolidated net profit of Rs 2.8 b in FY08 and Rs 4.2 b in FY09. The stock trades at 24.4x FY08E and 16.6x FY09E consolidated earnings. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3 Q | 4QE |  |  |
| Sales | 3,226 | 4,823 | 5,499 | 8,044 | 6,581 | 7,701 | 8,454 | 9,293 | 21,368 | 32,029 |
| Change (\%) |  |  | 53.0 | 68.9 | 104.0 | 59.7 | 53.7 | 15.5 | 44.0 | 49.9 |
| EBITDA | 383 | 758 | 760 | 887 | 680 | 1,011 | 1,049 | 1,159 | 2,429 | 3,899 |
| Change (\%) |  |  | 63.2 | 25.1 | 77.9 | 33.3 | 38.1 | 30.6 | 21.5 | 60.5 |
| As of \% Sales | 11.9 | 15.7 | 13.8 | 11.0 | 10.3 | 13.1 | 12.4 | 12.5 | 11.4 | 12.2 |
| Depreciation | 38 | 50 | 47 | 53 | 50 | 54 | 53 | 69 | 188 | 226 |
| Interest | 0 | 2 | 5 | 5 | 4 | 2 | 3 | 2 | 13 | 10 |
| Other Income | 65 | 88 | 83 | 272 | 85 | 109 | 86 | 324 | 732 | 603 |
| Extra-ordinary Items | 0 | -231 | 0 | 41 | 98 | 0 | 0 | 0 | -190 | 0 |
| PBT | 410 | 562 | 790 | 1,143 | 809 | 1,063 | 1,080 | 1,411 | 2,770 | 4,266 |
| Tax | 135 | 211 | 236 | 446 | 249 | 371 | 330 | 496 | 1,027 | 1,446 |
| Effective Tax Rate (\%) | 32.8 | 37.6 | 29.8 | 39.0 | 30.8 | 34.9 | 30.5 | 35.2 | 37.1 | 33.9 |
| Reported PAT | 275 | 351 | 555 | 697 | 560 | 692 | 750 | 915 | 1,743 | 2,820 |
| Adj PAT | 275 | 582 | 555 | 656 | 462 | 692 | 750 | 915 | 1,933 | 2,820 |
| Change (\%) |  |  | 83.5 | 53.6 | 67.9 | 18.9 | 35.3 | 39.5 | 49.7 | 45.9 |

E: MOSt Estimates

## FMCG

BSE Sensex: 16,37

| COMPANY NAME | PG. |
| :--- | :---: |
| Asian Paints | 131 |

Asian Paints 131
Britannia Industries 132
Colgate Palmolive 133
Dabur India 134

GSK Consumer 135

Godrej Consumer Products 136

Hindustan Unilever 137
ITC 138

Marico 139

Nestle India 140

Tata Tea 141

United Spirits 142

We expect FMCG companies to post steady growth in 4QFY08; rising inflation is preventing significant acceleration in consumer demand. Raw material prices have risen through the quarter, resulting in price increases in soaps, detergents, edible oils, etc. The Union Budget 2008-09 has made an attempt to increase the disposable cash with the consumers by reduction of taxes, likely implementation of the Sixth Pay Commission Report, and debt waiver for small farmers. We expect select categories like packed foods, skin care, paints and alcoholic beverages to report demand acceleration in the coming quarters. Rising prices of agricult ural commodities remain a concern, and continued buoyancy in food-grain prices could result in consumer down-trading in select products. We expect steady growth momentum to continue, but gross margins are likely to be under pressure.

Higher tax slabs; Sixth Pay Commission recommendations to boost demand In light of robust direct tax collections, the Finance Minister has raised income tax slabs, thus lowering tax outgo for individual taxpayers. We estimate that for taxable income level of Rs 300,000 the savings would be Rs 2,000 per month while for Rs 400,000 the savings would be about Rs3,000 per month.

| Change in tax sLab |  |  |  |
| :--- | ---: | :--- | ---: |
| OLD SLABS | $\%$ | NEW SLABS | $\%$ |
| Upto Rs 110,000 | 0 | Upto Rs 150,000 | 0 |
| Rs 110,000 to Rs 150,000 | 10 | Rs 150,000 to Rs300,000 | 10 |
| Rs 150,000 to Rs250,000 | 20 | Rs300,000 to Rs500,000 | 20 |
| Rs250,000 and above | 30 | Rs500,000 and above | 30 |


| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLİN) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Reco | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) |
| FMCG |  |  |  |  |  |  |  |
| Asian Paints | Buy | 11,549 | 20.4 | 1,532 | 31.0 | 843 | 37.1 |
| Britannia | Buy | 7,129 | 19.0 | 623 | 60.9 | 463 | 26.5 |
| Colgate | Buy | 3,927 | 14.4 | 646 | 20.7 | 580 | 16.4 |
| Dabur | Neutral | 6,245 | 17.7 | 1,039 | 18.0 | 857 | 9.9 |
| Godrej Consumer | Buy | 2,921 | 20.5 | 464 | 7.6 | 360 | 16.9 |
| GSK Consumer | Buy | 3,750 | 14.9 | 705 | 13.0 | 496 | 17.3 |
| Hind. Unilever | Neutral | 36,250 | 13.8 | 4,278 | 18.2 | 3,797 | 13.7 |
| пC | Buy | 38,733 | 11.7 | 10,492 | 12.8 | 7,372 | 13.3 |
| Marico | Buy | 4,765 | 20.0 | 565 | 37.2 | 368 | 19.2 |
| Nestle | Buy | 10,300 | 19.3 | 2,184 | 22.1 | 1,390 | 24.8 |
| Tata Tea | Neutral | 7,048 | -39.2 | 1,646 | -14.8 | 973 | 564.5 |
| United Spirits | Buy | 8,029 | 21.2 | 1,307 | 53.2 | 894 | 38.7 |
| Sector Aggregate |  | 140,646 | 10.5 | 25,481 | 16.2 | 18,393 | 22.2 |

[^14]Also, the implementation of the Sixth Pay Commission recommendations would result in an increase in base salary levels of government employees. Higher base salaries together with significant tax savings would result in an increase in disposable incomes, thereby boosting demand for consumer goods. We expect higher demand for low penetration products like skin creams, household products, biscuits, beer, packed juices, noodles, packaged water, mid-priced IMFL, wines and decorative paints.

## Cigarette volumes may be adversely impacted

The Finance Minister has announced an increase in specific rates of excise duty on nonfilter cigarettes. This will bridge the huge gap in the excise rates between filter and nonfilter cigarettes. Filter cigarettes is a faster growing segment and non-filter cigarette volumes have suffered in FY08 due to VAT and excise-led price increase last year. Increase in excise duty for $<60 \mathrm{~mm}$ non-filter cigarettes is as high as $388 \%$ and for $60-70 \mathrm{~mm}$, the increase is $142 \%$. The excise change has resulted in lower duty on regular filter cigarettes in comparison to plain cigarettes.

We expect the industry to increase prices, although entire excise increase in bingos is unlikely to be passed on to the consumer. We expect bingos and plain cigarette volumes to take a beating in the coming quarters due to lowering of price differential vis-à-vis filter cigarettes. Some of the terminal consumers might also shift back to bidis. We expect cigarette companies to launch lower length filter cigarettes to gain from lower excise duty in comparison to plains.

We expect companies like ITC and Godfrey Philips to emerge stronger, as non-filter cigarettes are just $20 \%$ and $30 \%$ of their volumes. GTC and VST would suffer, as filter cigarettes are just $30 \%$ and less than $10 \%$ of their volumes. Consumer shift towards bidis could result in volume loss in FY09, though sales mix would become richer, boosting margins.

| INCREASING EXCISE DUTY ON CIGARETTES |  |  |  |  |
| :--- | ---: | :--- | ---: | ---: |
| RS/1,000 CIGARETTE | $2005-06$ | $2006-07$ | $2007-08$ | $2008-09$ |
| Filter |  |  |  |  |
| $>85 \mathrm{~mm}$ | 2,000 | 2,100 | 2,205 | 2,205 |
| $75-85 \mathrm{~mm}$ | 1,627 | 1,708 | 1,793 | 1,793 |
| $70-75 \mathrm{~mm}$ | 1,224 | 1,285 | 1,349 | 1,349 |
| $<70 \mathrm{~mm}$ | 754 | 792 | 832 | 832 |
| Non Filter | 505 |  |  |  |
| $60-70 \mathrm{~mm}$ | 153 | 530 | 546 | 1,323 |
| 60 mm |  | 161 | 168 | 819 |
|  | Source: Cris-Infac/ Motilal Oswal Securities |  |  |  |

## Input cost heading northwards; price increase in end products likely

Prices of key raw material are witnessing an uptrend. Sugar, which witnessed a downtrend in the recent past, has bounced back. Palm oil price has crossed 4,000 ringgit/ton after consolidation. Soda ash and LAB prices have marched up on account of strong crude
prices. In addition, all agri-based inputs like wheat, rice, edible oils, etc are showing a strong uptrend. The industry is of the view that some of the commodities have structurally settled at higher levels and are unlikely to witness significant decline in their prices. Rising commodity prices are being looked upon as a major challenge for most FMCGcompanies due to likely consumer resistance at a higher price level. HUL has taken price increase of $8-9 \%$ on soaps, $3-4 \%$ on detergents, and $4 \%$ on select personal care products. The industry believes that prices will have to be increased in view of rising costs, which could prevent any significant acceleration in volume growth.

| IMPACT OF INPUT PRICE CHANGES |  |  |  |  |  |  |  |
| :--- | :---: | :--- | :--- | :---: | :---: | :---: | :---: |
| INPUT | PRICE TREND | IMPACT | COMPANIES |  |  |  |  |
| LAB | $U p$ | Negative | HUL |  |  |  |  |
| Soda Ash | $U p$ | Negative | HUL |  |  |  |  |
| Palm Oil | $U p$ | Negative | HUL, Godrej Consumer |  |  |  |  |
| Sugar | $U p$ | Negative | Nestle, GSK Consumer, ITC and Britannia |  |  |  |  |
| Wheat | $U p$ | Negative | Nestle, ITC and Britannia |  |  |  |  |
| Milk | $U p$ | Negative | Nestle, GSK Consumer |  |  |  |  |
| Molasses | $U p$ | Negative | United Spirits, Radico |  |  |  |  |
|  |  |  | Source: Motilal Oswal Securities |  |  |  |  |



Source: Bloomberg

TREND IN LAB PRICES (US $\$ /$ TON)




Source: Cris-Infac/ Motilal Oswal Securities

## Competition intensifies across all categories

Rising disposable income and buoyant consumer confidence is resulting in rising growth rates for premium products, although at a low base. The trend is clearly visible in processed foods, skin care, hair care and liquor, where the key drivers have been a young working population, influence of media and modern trade. To tap this opportunity, FMCG majors are adding new products in their portfolio.

This is evident from the fact that HUL, which did not add any new product category during the last few years, is turning aggressive in new product launches. It plans to complete the national rollout of its water purifier (Pure IT) by the end of CY08. The company has launched the Ponds (Skincare) and Dove (Hair care) products in the premium end. HUL has also unveiled Kissan Amaze Brainfood nutritional products targeted at the 6-14 age-group.

Nestle has launched Nescafe Mild Coffee and Cerevita breakfast cereals. Marico has unveiled Parachute Advanced Starz range of hair care products for 3-10 year-old children. ITC has launched five new variants in its premium soap brand Vivel Di Wills, shower gels and conditioners.

| COMPANY | CATEGORY | BRAND | VARIANT |
| :--- | :--- | :--- | :--- |
| Nestle | Coffee | Nescafe | Mild |
|  | Breakfast Cereals | Cerevita | Wheat, Corn and Mixed Fruit |
| Dabur | Health Supplements | Chyawan Junior | Malted Drink |
|  | Household Products | Dazzle | Household and Kitchen Cleaner |
|  | Skin Care | Gulabari | Rose Skin cream and Lotion |
| Marico | Hair Care | Parachute Advanced Starz | Shampoo, Hair oil and Cream for kids |
|  | Edible Oil | Saffola Functional food | Cholesterol \& Diabetes Management |
| United Spirits | Premium IMFL | W\&M, Isle of Jura | Scotch Whisky |
| TC | Personal Wash | Vivel Di Wills | Soap in 2 variants |
|  |  | Fiama Di Wills | Shower gel in 3 variants |
|  |  | Vivel | Soap in 4 variants |
|  |  | Fiama Di Wills | Polishing drops hair conditioner |
| HUL | Food Products | Kissan Amaze Brainfood | Milk Mix, Bites and Bars |
|  |  |  | Source: Motilal Oswal Securities |

We expect new product launches to intensify competition across segments and product categories. This will put pressure on incumbents to launch new variants and increase spends on advertising and brand building. Rising competitive intensity in a highly inflationary environment will prevent any sharp increase in profit margins.

## Focus on specific categories and stocks

We expect steady growth for the FMCG sector in 4QFY08. Gross margins would be under pressure for companies having dependence on crude and agri-based raw materials. We expect premium-end personal care products, household products, processed foods and alcoholic beverages to report acceleration in volume growth. We prefer companies with strong presence in processed foods, alcoholic beverages and paints. United Spirits, ITC, Nestle and Colgate are our top picks.

Stock performance and valuations

STOCK PERFORMANCE (\%)


Dec-07 Jan-08 Feb-08 Mar-08
LATIVE PERFORMANCE - 1 YEAR (\%)
Mar-07 Jun-07 Sep-07 Dec-07 Mar-08

|  | CMP (RS) | RECO |  | S (RS) |  |  | P/E (X) |  |  | /EBITDA |  |  | OE (\%) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 28.03.08 |  | FY08E | FY 09E | FY10E | FY08E | FY 09E | FY10E | FY08E | FY09E | FY 10E | FY 08E | FY09E | FY10E |
| FMCG |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Asian Paints | 1,176 | Buy | 42.2 | 50.2 | 61.3 | 27.8 | 23.4 | 19.2 | 17.3 | 14.3 | 11.8 | 40.5 | 38.0 | 36.2 |
| Britannia | 1,308 | Buy | 73.0 | 87.5 | 114.0 | 17.9 | 15.0 | 11.5 | 11.5 | 9.2 | 6.7 | 25.3 | 24.5 | 25.8 |
| Colgate | 388 | Buy | 17.3 | 20.3 | 23.2 | 22.4 | 19.1 | 16.7 | 20.9 | 17.0 | 14.7 | 130.9 | 266.1 | 201.2 |
| Dabur | 108 | Neutral | 3.9 | 4.8 | 5.8 | 27.5 | 22.4 | 18.6 | 21.8 | 18.3 | 15.4 | 52.5 | 49.4 | 46.4 |
| Godrej Consumer | 126 | Buy | 6.9 | 7.9 | 9.2 | 18.5 | 16.0 | 13.7 | 14.3 | 10.4 | 9.0 | 90.9 | 32.3 | 34.8 |
| GSK Consumer | 606 | Buy | 38.7 | 44.9 | 52.7 | 15.7 | 13.5 | 11.5 | 9.6 | 8.1 | 6.4 | 25.4 | 25.0 | 25.0 |
| Hind. Unilever | 242 | Neutral | 8.1 | 9.3 | 10.7 | 29.8 | 26.1 | 22.6 | 27.1 | 22.4 | 19.3 | 122.9 | 113.7 | 107.2 |
| TTC | 206 | Buy | 8.3 | 9.6 | 11.4 | 24.9 | 21.6 | 18.1 | 16.6 | 14.1 | 11.5 | 26.1 | 26.3 | 27.4 |
| Marico | 67 | Buy | 2.7 | 3.2 | 3.7 | 25.1 | 21.3 | 18.2 | 16.9 | 14.1 | 12.2 | 66.0 | 56.7 | 49.9 |
| Nestle | 1,493 | Buy | 44.7 | 56.6 | 71.0 | 33.4 | 26.4 | 21.0 | 20.4 | 16.3 | 13.1 | 62.1 | 68.1 | 73.2 |
| Tata Tea | 827 | Neutral | 47.2 | 74.4 | 84.5 | 17.5 | 11.1 | 9.8 | 5.9 | 5.0 | 4.2 | 7.3 | 10.7 | 11.2 |
| United Spirits | 1,508 | Buy | 44.3 | 69.0 | 94.7 | 34.0 | 21.9 | 15.9 | 24.0 | 19.1 | 14.8 | 16.9 | 18.8 | 20.6 |
| Sector Aggregate |  |  |  |  |  | 26.5 | 22.0 | 18.4 | 18.5 | 15.4 | 12.8 | 32.3 | 33.0 | 34.0 |


| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 16,371 <br> APNT IN |  |
| :--- | ---: | :---: |
|  | REUTERS CODE |  |
| S\&P CNX: 4,942 | ASPN.BO |  |$\quad$| Equity Shares (m) | 95.9 |
| :--- | ---: |
| 52-Week Range | $1,320 / 725$ |
| 1,6,12 Rel. Perf. (\%) | $11 / 25 / 31$ |
| M.Cap. (Rs b) | 112.8 |
| M.Cap. (US\$ b) | 2.8 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy Rs1,176 |  |  |  |  |  |  |  |  |  |  |
| year | net sales | ADJ. PAT | EPS | EPS | P/E | P/BV | roe | roce | Ev/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | Sales | Ebitda |
| 3/07A | 36,700 | 2,813 | 29.3 | 32.7 | 40.1 | 14.5 | 36.4 | 49.2 | 3.1 | 23.6 |
| 3/08E | 44,262 | 4,052 | 42.2 | 44.1 | 27.8 | 11.0 | 40.5 | 54.3 | 2.6 | 17.3 |
| 3/09E | 52,535 | 4,814 | 50.2 | 18.8 | 23.4 | 8.5 | 38.0 | 53.7 | 2.1 | 14.3 |
| 3/10E | 61,831 | 5,877 | 61.3 | 22.1 | 19.2 | 6.7 | 36.2 | 54.0 | 1.8 | 11.8 |

* We expect Asian Paints to register 20.4\% growth in revenues to Rs11.5b in 4QFY08, driven by strong demand in both domestic and international markets.
\& Growth is expected to be broad-based, with decorative paints, industrial paints and powder coatings growing in tandem. EBITDA margins would expand from $12.2 \%$ in 4QFY07 to $13.3 \%$ in 4QFY08 on the back of improvement in the profitability of international business and strong volume growth in the domestic market. PAT would grow $37.1 \%$ to Rs843m.
* We expect the company to gain from rising consumerism on the one hand and huge infrastructure growth on the other. Demand for decorative paints should grow steadily in the coming year due to expected increase in disposable income of the urban middle class.
\& Competitive intensity is expected to increase but a strong brand, wide product range and marketing strength would enable the company to maintain its leadership position in the decorative paints market in India. Raw Material prices are a concern but reduction in excise duty in budget will provide some cushion to the margins in the coming quarters.
\& The stock is currently trading 27.8x FY08E earnings and 23.4x FY09E earnings. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 O | 30 | 4 Q | 10 | 2 O | 30 | 4QE |  |  |
| Net Sales | 7,773 | 9,981 | 9,356 | 9,589 | 9,605 | 11,332 | 11,776 | 11,549 | 36,700 | 44,262 |
| Change (\%) | 17.3 | 26.2 | 16.6 | 20.2 | 23.6 | 13.5 | 25.9 | 20.4 | 21.5 | 20.6 |
| Total Expenditure | 6,738 | 8,639 | 8,122 | 8,420 | 8,251 | 9,516 | 9,921 | 10,016 | 31,920 | 37,704 |
| EBITDA | 1,035 | 1,342 | 1,234 | 1,170 | 1,354 | 1,816 | 1,856 | 1,532 | 4,780 | 6,557 |
| Margin (\%) | 13.3 | 13.4 | 13.2 | 12.2 | 14.1 | 16.0 | 15.8 | 13.3 | 13.0 | 14.8 |
| Change (\%) | 27.2 | 23.3 | 12.9 | 20.5 | 30.8 | 35.3 | 50.3 | 31.0 | 22.1 | 37.2 |
| Interest | 40 | 50 | 57 | 43 | 49 | 69 | 54 | 63 | 189 | 236 |
| Depreciation | 143 | 149 | 147 | 173 | 141 | 146 | 150 | 173 | 611 | 610 |
| Other Income | 62 | 98 | 76 | 136 | 89 | 265 | 132 | 127 | 373 | 613 |
| Operational PBT | 914 | 1,241 | 1,108 | 1,090 | 1,252 | 1,866 | 1,783 | 1,423 | 4,352 | 6,325 |
| Non Recurring Items | 2.5 | 0.1 | 1.9 | -51.5 | 4 | -67 | -1 | 0 | -51 | -64 |
| PBT | 911 | 1,241 | 1,106 | 1,038 | 1,256 | 1,933 | 1,783 | 1,423 | 4,301 | 6,261 |
| Tax | 322 | 388 | 357 | 399 | 422 | 597 | 537 | 531 | 1,467 | 2,087 |
| Effective Tax Rate (\%) | 35 | 31 | 32 | 38 | 33.6 | 30.9 | 30.1 | 37.3 | 34.1 | 33.3 |
| PAT | 589 | 853 | 748 | 639 | 834 | 1,336 | 1,246 | 892 | 2,834 | 4,173 |
| Minority Interest | -13 | 23 | 38 | -27 | 15 | 63 | 58 | 50 | 21 | 185 |
| Adjusted PAT | 605 | 831 | 712 | 615 | 815 | 1,341 | 1,189 | 843 | 2,813 | 4,052 |
| Change (\%) | 35.4 | 47.5 | 19.4 | 33.5 | 34.8 | 61.4 | 66.9 | 37.1 | 30.1 | 47.3 |

E: MOSt Estimates
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# Britannia Industries 

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | BRIT IN <br> REUTERS CODE |
| S\&P CNX: 4,942 BRIT.BO <br> Equity Shares (m) 23.9 <br> 52-Week Range $1,780 / 1,175$ <br> 1,6,12 Rel. Perf. (\%) $2 /-5 /-21$ <br> M.Cap. (Rs b) 31.2 <br> M.Cap. (US\$ b) 0.8 |  |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy Rs1,308 |  |  |  |  |  |  |  |  |  |  |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07A | 21,993 | 1,076 | 47.3 | -23.9 | 27.6 | 5.1 | 18.4 | 17.8 | 1.3 | 22.3 |
| 03/08E | 26,050 | 1,745 | 73.0 | 54.3 | 17.9 | 4.3 | 25.3 | 28.9 | 1.0 | 11.5 |
| 03/09E | 30,637 | 2,154 | 87.5 | 19.8 | 15.0 | 3.5 | 24.5 | 28.7 | 0.8 | 9.2 |
| 03/10E | 35,503 | 2,767 | 114.0 | 30.3 | 12.5 | 2.9 | 25.8 | 31.2 | 0.7 | 6.7 |

2. We expect Britannia to report revenues of Rs7.1bin 4QFY08, a growth of $19 \%$ YoY. EBITDA margins are expected to increase by 220 bp YoY to $8.7 \%$, as input cost pressures would be offset by higher realizations. PBT would increase by $42 \%$ YoY but sharp increase in tax rate would result in PAT increase of $26.5 \%$ YoY to Rs 463 m .
\& Input costs continue to rule strong and we expect prices of wheat, sugar and milk to remain firm. Britannia has been launching premium variants like Nutri Choice Sugarout, Nutri Choice Digestive Biscuit, Treat Fruit Rolls, etc which would help face rising cost pressures.

2 The industry might make a consolidated effort to ward off inflationary pressures in wheat by reducing the pack size of Glucose biscuits, which account for more than $50 \%$ of the industry size. Strong material prices are likely to further eliminate smaller players, thus improving long-term growth potential for the large players.
\& We are factoring in lower tonnage growth and higher wheat prices in our estimates. We maintain our FY08 estimates but are reducing our EPS estimates for FY09 from Rs91.3 to Rs87.5. The stock is currently trading at 17.9x FY08E and 15x FY09E earnings. We maintain Buy.


E: MOSt Estimates

# Colgate Palmolive 

| STOCK INFO. B <br> BSE Sensex: 16,371 | BLOOMBERG |
| :---: | :---: |
|  | CLGT IN |
|  | reuters code |
| S\&P CNX: 4,942 CO | COLG.BO |
| Equity Shares (m) | 136.0 |
| 52-Week Range (Rs | Rs) 521/326 |
| 1,6,12 Rel. Perf. (\%) | \%) 11/2/-10 |
| M.Cap. (Rs b) | 52.7 |
| M.Cap. (US\$ B) | 1.3 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs388 |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | Roe | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07A | 12,951 | 1,933 | 14.2 | 47.9 | 27.3 | 160.9 | 70.1 | 69.3 | 3.3 | 20.5 |
| 03/08E | 14,747 | 2,351 | 17.3 | 21.6 | 22.4 | 67.0 | 130.9 | 128.1 | 3.6 | 20.9 |
| 03/09E | 16,699 | 2,757 | 20.3 | 17.3 | 19.1 | 41.0 | 266.1 | 255.9 | 3.1 | 17.1 |
| 03/10E | 18,695 | 3,161 | 23.2 | 14.7 | 16.7 | 28.4 | 201.2 | 196.1 | 2.7 | 15.1 |

2. We expect Colgate to report sales growth of $14.4 \%$ YoY in 4QFY08 to Rs3.9b. EBITDA margins would expand 90 bp to $16.5 \%$. Adjusted PAT is expected to increase $16.4 \%$ YoY to Rs 580 m .
\& We expect $9-10 \%$ volume growth in toothpaste segment and a similar volume growth in toothbrushes. Colgate has gained 110bp market share in FY08 and our trade check indicates continuation of this strong performance.
\& Colgate has launched Palmolive Naturals body wash in two variants i.e. Milk \& Honey and Milk \& Almond, which will enable it to maintain growth in this high potential segment.
3. We expect the company to maintain its strong leadership position in the oral care industry. Stock trades at 22.4 x FY08E and 19.1x FY09E earnings and at a divided yield of $4 \%$. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 O | 30 | 4 Q | 1 Q | 2 Q | $3 Q$ | 4QE |  |  |
| Net Sales | 3,096 | 3,200 | 3,223 | 3,433 | 3,507 | 3,639 | 3,675 | 3,927 | 12,951 | 14,747 |
| YoY Change (\%) | 19.9 | 15.1 | 12.8 | 13.6 | 13.3 | 13.7 | 14.0 | 14.4 | 15.2 | 13.9 |
| Total Exp | 2,695 | 2,642 | 2,679 | 2,897 | 2,817 | 3,074 | 3,064 | 3,281 | 10,863 | 12,236 |
| EBITDA | 401 | 558 | 544 | 536 | 689 | 564 | 611 | 646 | 2,089 | 2,511 |
| Margins (\%) | 12.9 | 17.4 | 16.9 | 15.6 | 19.7 | 15.5 | 16.6 | 16.5 | 16.1 | 17.0 |
| Depreciation | 37 | 36 | 44 | 37 | 44 | 49 | 51 | 35 | -153 | 179 |
| Interest | 2 | 2 | 3 | 3 | 3 | 6 | 2 | -5 | -10 | 6 |
| Other Income | 148 | 122 | 166 | 174 | 135 | 196 | 228 | 114 | 585 | 673 |
| PBT | 509 | 643 | 664 | 670 | 777 | 705 | 787 | 731 | 2,512 | 3,000 |
| Tax | 149 | 137 | 161 | 172 | 158 | 158 | 182 | 151 | 579 | 649 |
| Rate (\%) | 29.2 | 21.4 | 24.2 | 25.6 | 20.3 | 22.4 | 23.2 | 20.7 | 23.0 | 21.6 |
| Adjusted PAT | 361 | 505 | 503 | 498 | 619 | 547 | 605 | 580 | 1,933 | 2,351 |
| Yo Y Change (\%) | 1.6 | 63.7 | -13.6 | 34.6 | 71.6 | 8.3 | 20.1 | 16.4 | 47.9 | 21.6 |
| Extraordinary Expenses | 0 | 274 | 0 | -8 | 10 | 0 | 0 | -30 | 331 | -20 |
| Reported PAT | 361 | 232 | 503 | 506 | 609 | 547 | 605 | 610 | 1,602 | 2,371 |
| YoY Change (\%) | 28.9 | -24.9 | 20.6 | 36.7 | 68.8 | 136.2 | 20.1 | 20.5 | 16.4 | 48.0 |

$\overline{\text { E: MOSt Estimates }}$

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | DABUR IN <br> REUTERS CODE |
| S\&P CNX: 4,942 | DABU.BO |

28 March 2008

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs108 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | net Sales | PAT | EPS | EPS | P/E | P/BV | roe | Roce | EV/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | GRowt (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 03/07A | 20,431 | 2,782 | 3.2 | 23.9 | 33.3 | 19.4 | 58.0 | 51.4 | 4.6 | 26.6 |
| 03/08E | 23,790 | 3,361 | 3.9 | 21.2 | 27.5 | 14.5 | 52.5 | 57.4 | 3.8 | 21.8 |
| 03/09E | 27,194 | 4,146 | 4.8 | 22.6 | 22.4 | 11.1 | 49.4 | 53.6 | 3.3 | 18.3 |
| 03/10E | 30,835 | 4,995 | 5.8 | 20.5 | 18.6 | 8.7 | 46.4 | 50.9 | 2.8 | 15.4 |

* We expect Dabur to report sales of Rs6.2b in 4QFY08, a growth of $17.7 \%$ YoY. EBITDA margins would remain flat on a YoY basis due to increasing raw material prices. Pre-tax profit would increase by $14.5 \%$ while adjusted PAT before minority interest is likely to be Rs857m - up $9.9 \%$ YoY due to higher tax rate of $10.3 \%$.
\& Volume growth is likely to remain steady across segments. Growth would be mainly volume-driven, as the company has not taken any price increase in 4QFY08. The company expects urban demand to remain strong while any acceleration in rural demand is still doubtful.
\& Dabur has launched Chyawan Junior, Gulabari Hydrating Rose cream \& lotion, Vatika Black shampoo and Dazzle range of household cleaners, which have received good consumer response.
\& H\&B Stores (Dabur's $100 \%$ retail subsidiary) has launched its first Health \& Beauty store under the brand, New-U in Rajouri Garden in Delhi. The stores would provide top of the line personal care and wellness products. We expect the venture to accelerate topline growth although it is likely to break even only in the fourth year. Our estimates do not factor in the impact of retail operations.
\& We believe that wide product range and strong market shares in niche segments makes Dabur one of the best plays in the FMCG space. The stock is currently trading at 27.5 x FY08E and 22.4 x FY09E earnings without considering the impact of retail operations, which factor in the high growth prospects. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | $3 Q$ | 4 Q | 1 Q | 20 | 30 | 4 QE |  |  |
| Net Sales | 3,917 | 5,544 | 5,664 | 5,307 | 4,791 | 6,258 | 6,497 | 6,245 | 20,431 | 23,790 |
| YoY Change (\%) |  | 18.6 | 5.4 | 10.6 | 22.3 | 12.9 | 14.7 | 17.7 | 18.6 | 16.4 |
| Total Exp | 4,116 | 4,571 | 4,660 | 4,426 | 3,999 | 5,098 | 5,334 | 5,206 | 16,934 | 19,636 |
| EBITDA | 639 | 973 | 1,004 | 881 | 792 | 1,160 | 1,163 | 1,039 | 3,497 | 4,154 |
| Margins (\%) | 16.3 | 17.6 | 17.7 | 16.6 | 16.5 | 18.5 | 17.9 | 16.6 | 17.1 | 17.5 |
| Depreciation | 97 | 106 | 115 | 90 | 102 | 98 | 105 | 152 | 408 | 456 |
| Interest | 41 | 55 | 31 | 28 | 47 | 42 | 44 | 14 | 154 | 147 |
| Other Income | 53 | 62 | 33 | 71 | 77 | 76 | 49 | 83 | 219 | 285 |
| PBT | 554 | 874 | 891 | 835 | 721 | 1,096 | 1,064 | 956 | 3,155 | 3,837 |
| Tax | 80 | 123 | 115 | 54 | 100 | 139 | 139 | 98 | 373 | 476 |
| Rate (\%) | 14.5 | 14.1 | 12.9 | 6.5 | 13.9 | 12.7 | 13.0 | 10.3 | 11.8 | 12.4 |
| PAT | 474 | 751 | 776 | 780 | 621 | 958 | 925 | 857 | 2,782 | 3,361 |
| Yo Y Change (\%) | 37.5 | 19.7 | 17.3 | 23.3 | 31.1 | 27.5 | 19.2 | 9.9 | 23.9 | 20.8 |
| Minority Interest | -9 | 6 | -17 | 11 | -1 | -8 | -20 | 10 | -9 | -20 |
| Extraordinary Inc/(Exp) | 0 | 41 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 |
| Reported PAT | 482 | 787 | 793 | 769 | 622 | 966 | 945 | 848 | 2,830 | 3,381 |

E: MOSt Estimates

# GlaxoSmithKline Consumer 

| STOCK INFO. |  |
| :--- | ---: |
| BSE Sensex: 16,371 | BLOOMBERG <br> SKB IN <br> REUTERS CODE |
| S\&P CNX: 4,942 | GLSM.BO |
| Equity Shares (m) | 42.1 |
| 52-Week Range (Rs) | $742 / 489$ |
| 1,6,12 Rel. Perf. (\%) | $7 / 0 /-9$ |
| M.Cap. (Rs b) | 25.5 |
| M.Cap. (US\$ b) | 0.6 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs606 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net Sales | PAT | EPS | EPS | P/E | P/BV | roe | Roce | EV/ | Ev/ |
| END | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 12/06A | 11,079 | 1,269 | 30.2 | 18.4 | 20.1 | 4.7 | 23.4 | 35.7 | 2.1 | 12.4 |
| 12/07A | 12,778 | 1,627 | 38.7 | 28.2 | 15.7 | 4.0 | 25.4 | 39.0 | 1.7 | 9.6 |
| 12/08E | 14,470 | 1,887 | 44.9 | 16.0 | 13.5 | 3.4 | 25.0 | 38.1 | 1.4 | 8.0 |
| 12/09E | 15,654 | 2,217 | 52.7 | 17.5 | 11.5 | 2.9 | 25.0 | 38.0 | 1.2 | 6.4 |

* We expect GSK Consumer to register sales of Rs3.8b in 1QCY08 against Rs3.3b in 1QCY07, a growth of $14.9 \%$ YoY. Volume growth is expected to be $7-8 \%$. GSK's EBITDA margins at $18.8 \%$ are likely to decline by 30 bp . Margin decline despite $4 \%$ price increase in January due to rising prices of milk, malt and wheat. GSK is likely to report PAT of Rs496m in 1QCY08 against Rs423m in 1QCY07, a growth of $17.3 \%$ YoY.
\& We expect competitive intensity to increase due to the launch of Chyawan Junior by Dabur and increased focus of Nestle on this product category. HUL has entered the milk-based drinks category, with the launch of Kissan Amaze Brainfood which is priced at $25 \%$ premium to Horlicks. GSK has launched Women Horlicks and is undertaking an aggressive campaign in this niche segment. Entry of new formats and players would expand the category. We expect Horlicks to maintain market leadership in this category, although growing at above industry average rates could be a challenge.
e The stock is currently trading at 13.5 x CY08E and 11.5 x CY09E earnings. Launch of new products and liberal dividend policy could re-rate the stock significantly. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E DECEMBER | CYO7 |  |  |  | CY 08E |  |  |  | CYO7 | CY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4Q |  |  |
| Net Sales | 3,265 | 3,156 | 3,516 | 2,841 | 3,750 | 3,650 | 3,975 | 3,095 | 12,778 | 14,470 |
| YoY Change (\%) | 17.9 | 17.8 | 16.6 | 7.3 | 14.9 | 15.7 | 13.1 | 8.9 | 14.9 | 13.2 |
| Total Exp | 2,641 | 2,571 | 2,839 | 2,484 | 3,045 | 2,986 | 3,220 | 2,712 | 10,535 | 11,962 |
| EBITDA | 624 | 585 | 677 | 357 | 705 | 664 | 755 | 383 | 2,243 | 2,508 |
| Margins (\%) | 19.1 | 18.5 | 19.3 | 12.6 | 18.8 | 18.2 | 19.0 | 12.4 | 17.6 | 17.3 |
| Depreciation | 108 | 109 | 111 | 108 | 110 | 110 | 115 | 112 | 435 | 447 |
| Interest | 11 | 11 | 12 | 12 | 8 | 8 | 10 | 9 | 45 | 35 |
| Other Income | 139 | 166 | 209 | 175 | 165 | 200 | 245 | 206 | 689 | 816 |
| PBT | 644 | 631 | 763 | 412 | 752 | 746 | 875 | 468 | 2,452 | 2,842 |
| Tax | 221 | 208 | 258 | 137 | 256 | 250 | 293 | 156 | 825 | 955 |
| Rate (\%) | 34.3 | 33.0 | 33.8 | 33.3 | 34.0 | 33.5 | 33.5 | 33.3 | 33.7 | 33.6 |
| PAT | 423 | 423 | 505 | 275 | 496 | 496 | 582 | 313 | 1,627 | 1,887 |
| YoY Change (\%) | 22.8 | 36.8 | 39.4 | 9.1 | 17.3 | 17.3 | 15.3 | 13.7 | 28.4 | 16.0 |

$\overline{\text { E: MOSt Estimates }}$

# Godrej Consumer Products 

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | GCPL IN |
| REUTERS CODE |  |
| S\&P CNX: 4,942 | GOCP.BO |
| Equity Shares (m) | 226.4 |
| 52-Week Range | $176 / 94$ |
| 1,6,12 Rel. Perf. (\%) | $5 /-4 /-40$ |
| M.Cap. (Rs b) | 28.6 |
| M.Cap. (US\$ b) | 0.7 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs126 |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | ROE | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07A | 9,532 | 1,350 | 6.0 | 13.1 | 21.1 | 23.5 | 110.6 | 65.0 | 3.1 | 16.6 |
| 03/08E | 11,251 | 1,547 | 6.9 | 14.6 | 18.5 | 16.8 | 90.9 | 87.3 | 2.6 | 14.3 |
| 03/09E | 13,222 | 2,038 | 7.9 | 15.3 | 16.0 | 4.5 | 32.3 | 43.6 | 2.3 | 12.0 |
| 03/10E | 14,832 | 2,375 | 9.2 | 16.5 | 13.7 | 4.2 | 34.8 | 46.3 | 2.0 | 10.4 |

*Equity capital for EPS calculation in FY09-10E is Rs258m (Post rights)
\& We expect revenue growth of $20.5 \%$ YoY to Rs 2.9 b in 4 QFY08. EBITDA margins would decline by 190 bp to $15.9 \%$ on higher input prices and deteriorating sales mix. We expect the company to report PAT of Rs360m, a growth of $16.9 \%$ YoY.
\& We expect soaps volumes to grow in high double digits, led by strong performance in Godrej No 1. Its hair color portfolio continues to suffer due to higher growth in cream based colors, which is not an area of strength for the company. The toiletries segment is expected to maintain its growth momentum; liquid fabric cleaner is expected to report encouraging growth due to prolonged winter.
\& GCPL is likely to face intense competition from ITC in the mass market for soaps and shampoo. Initial success of ITC in the mass market could impact the pricing power of its high growth Nol brand. We expect GCPL to launch new variants in existing products and launch new products to ward off competition.
2. The company is considering a rights issue of $1: 7$ at Rs123/share, which would be partly used for repayment of debt and financing the acquisition of Kinky Group. The stock offers dividend yield of $4 \%$ and is currently trading at 18.5 x FY08E and 16x FY09E consolidated earnings. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Net Sales | 2,376 | 2,318 | 2,380 | 2,424 | 2,863 | 2,740 | 2,728 | 2,921 | 9,532 | 11,251 |
| YoY Change (\%) | 41.7 | 47.6 | 29.3 | 26.6 | 20.5 | 18.2 | 14.6 | 20.5 | 36.2 | 18.0 |
| Total Exp | 1,955 | 1,922 | 1,865 | 1,993 | 2,352 | 2,239 | 2,159 | 2,457 | 7,735 | 9,206 |
| EBITDA | 421 | 397 | 516 | 431 | 511 | 501 | 568 | 464 | 1,798 | 2,045 |
| Margins (\%) | 17.7 | 17.1 | 21.7 | 17.8 | 17.9 | 18.3 | 20.8 | 15.9 | 18.9 | 18.2 |
| Depreciation | 31 | 31 | 36 | 45 | 44 | 46 | 48 | 43 | 142 | 182 |
| Interest | 18 | 26 | 33 | 20 | 35 | 32 | 29 | 14 | 96 | 109 |
| Other Income | 8 | 28 | 17 | 6 | 13 | 14 | 15 | 15 | 27 | 56 |
| PBT | 381 | 369 | 464 | 372 | 445 | 437 | 506 | 421 | 1,586 | 1,810 |
| Tax | 53 | 59 | 68 | 64 | 59 | 67 | 76 | 61 | 243 | 262 |
| Rate (\%) | 13.9 | 15.9 | 14.6 | 17.3 | 13.1 | 15.2 | 15.0 | 14.5 | 15.3 | 14.5 |
| PAT | 328 | 310 | 396 | 308 | 386 | 371 | 430 | 360 | 1,343 | 1,547 |
| YoY Change (\%) | 21.0 | 11.5 | 10.5 | 2.3 | 17.7 | 19.5 | 8.7 | 16.9 | 13.1 | 15.2 |
| Extraordinaries | 13 | 0 | 0 | 86 | 0 | 0 | 0 | 0 | 99 | 0 |
| Reported PAT | 315 | 310 | 396 | 394 | 386 | 371 | 430 | 360 | 1,441 | 1,547 |

E: MOSt Estimates

# Hindustan Unilever 

| STOCK INFO. BLOOMBERG <br> BSE Sensex: 16,371 HUVR IN <br> REUTERS CODE <br> S\&P CNX: 4,942 HLL.BO |  |
| :--- | ---: |
| Equity Shares (m) | $2,177.5$ |
| 52-Week Range | $248 / 170$ |
| 1,6,12 Rel. Perf. (\%) | $18 / 16 /-5$ |
| M.Cap. (Rs b) | 527.4 |
| M.Cap. (US\$ b) | 13.2 |


| 28 March 2008 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs242 |
| year | net sales | РАт | EPS | EPS | PIE | Pbiv | RoE | Roce | EV/ | Ev/ |
| end | (RS M) | (RS M) | (RS) | Rowth (\%) | (x) | (x) | (\%) | (\%) | Sales | Ebitda |
| 12/06A | 121,034 | 15,397 | 7.0 | 17.5 | 34.7 | 19.6 | 56.5 | 67.0 | 4.2 | 30.8 |
| 12/07A | 137,178 | 17,691 | 8.1 | 14.9 | 29.8 | 36.6 | 122.9 | 144.7 | 3.7 | 27.1 |
| 12/08E | 156,037 | 20,226 | 9.3 | 14.3 | 26.1 | 29.6 | 113.7 | 135.7 | 3.2 | 22.4 |
| 12/09E | 173,981 | 23,313 | 10.7 | 13.0 | 22.6 | 24.2 | 107.2 | 128.7 | 2.9 | 19.3 |

\& We expect HUL to report $13.8 \%$ YoY increase in sales for 1QCY08 to Rs36.2b. EBITDA margins would expand 40 bp to $11.8 \%$. Decline of $12 \%$ in other income will limit adjusted PAT growth to $13.7 \%$ YoY.
\& Strong growth in detergents would enable HUL to maintain double-digit growth in soaps \& detergents. Personal care would report yet another quarter of growth above mid-teens due to strong sales of skin creams in an extended winter.
\& HUL has increased the prices of toilet soaps by $8-9 \%$ to neutralize the impact of sharp increase in palmoil prices. We expect price increase to reduce volume growth in soaps. The company has increased prices by $8 \%$ for Surf Excel Blue, by $2 \%$ for Rin Advanced and by $6 \%$ in Wheel Powder (reduction in pack size). Clinic Shampoo has seen $6 \%$ price increase while Fair and Lovely prices are up $3 \%$. The price increases would enable the company to neutralize raw material price spiral to a considerable extent.
\& HUL plans to complete the national rollout of water purifier, Pureit by the end of CY08. The company unveiled Kissan Brainfood nutritional products targeted at the 6-14 age-group, which is first major food product launch after several years.
8. We are increasing our EPSestimates from Rs 9.2 to Rs 9.3 for CY08 and from Rs 10.3 to Rs 10.7 for CY09. The stock is currently trading 26.1x CY08E and 22.6x CY09E earnings. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E DECEMBER | CY07 |  |  |  | CY08E |  |  |  | CY07 | CY08E |
|  | 1 Q | 2 Q | 3 Q | 4 Q | 10 | 2 Q | 3 Q | 4 Q |  |  |
| Net Sales (incl service inc) | 31,843 | 34,814 | 33,646 | 36,874 | 36,250 | 39,650 | 38,300 | 41,837 | 137,178 | 156,037 |
| YoY Change (\%) | 13.8 | 12.9 | 9.7 | 16.8 | 13.8 | 13.9 | 13.8 | 13.5 | 13.3 | 13.7 |
| Total Expenditure | 28,224 | 29,695 | 29,170 | 31,232 | 31,973 | 33,544 | 32,976 | 35,028 | 118,321 | 133,520 |
| EBITDA | 3,620 | 5,120 | 4,476 | 5,642 | 4,278 | 6,106 | 5,324 | 6,809 | 18,857 | 22,517 |
| YoY Change (\%) | 9.5 | 23.5 | 11.1 | 12.8 | 18.2 | 19.3 | 18.9 | 20.7 | 14.4 | 19.4 |
| Margins (\%) | 11.4 | 14.7 | 13.3 | 15.3 | 11.8 | 15.4 | 13.9 | 16.3 | 13.7 | 14.4 |
| Depreciation | 329 | 333 | 353 | 369 | 345 | 353 | 362 | 374 | 1,384 | 1,434 |
| Interest | 51 | 110 | 68 | 26 | 45 | 75 | 55 | 25 | 255 | 200 |
| Other Income | 908 | 1,063 | 1,059 | 1,597 | 800 | 900 | 880 | 1,466 | 4,627 | 4,046 |
| PBT | 4,147 | 5,739 | 5,114 | 6,844 | 4,688 | 6,578 | 5,787 | 7,877 | 21,845 | 24,929 |
| Tax | 809 | 1,020 | 1,021 | 1,305 | 891 | 1,184 | 1,128 | 1,500 | 4,155 | 4,703 |
| Rate (\%) | 19.5 | 17.8 | 20.0 | 19.1 | 19.0 | 18.0 | 19.5 | 19.0 | 19.0 | 18.9 |
| Adjusted PAT | 3,339 | 4,719 | 4,093 | 5,540 | 3,797 | 5,394 | 4,658 | 6,377 | 17,691 | 20,226 |
| YoY Change (\%) | 13.6 | 24.4 | 6.9 | 14.6 | 13.7 | 14.3 | 13.8 | 15.1 | 14.9 | 14.3 |
| Extraordinary Inc/(Exp) | 590 | 212 | -12 | 775 | 0 | 0 | 0 | 0 | 1,564 | 0 |
| Reported Profit | 3,929 | 4,931 | 4,081 | 6,314 | 3,797 | 5,394 | 4,658 | 6,377 | 19,255 | 20,226 |
| YoY Change (\%) | -11.3 | 29.6 | -21.6 | 23.5 | -3.4 | 9.4 | 14.2 | 1.0 | 3.8 | 5.0 |

E: MOSt Estimates
Amnish Aggarwal (AmnishAggarwal@MotilalOswal.com)Tel:+9122 39825404/Amit Purohit (AmitPurohit@MotilalOswal.com)Tel:+9122 39825418

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | ITC IN <br> REUTERS CODE |
| S\&P CNX: 4,942 ITC.BO |  |
| Equity Shares (m) | $3,762.2$ |
| 52-Week Range | $239 / 140$ |
| 1,6,12 Rel. Perf. (\%) | $10 / 14 / 17$ |
| M.Cap. (Rs b) | 776.1 |
| M.Cap. (US\$ b) | 19.4 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs206 |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07 | 23,693 | 27,000 | 7.2 | 18.4 | 28.7 | 7.4 | 25.9 | 35.5 | 6.0 | 18.6 |
| 03/08E | 139,299 | 31,217 | 8.3 | 15.6 | 24.9 | 6.5 | 26.1 | 36.1 | 5.3 | 16.6 |
| 03/09E | 163,684 | 35,941 | 9.6 | 15.1 | 21.6 | 5.7 | 26.3 | 36.8 | 4.4 | 14.1 |
| 03/10E | 195,633 | 42,802 | 11.4 | 19.1 | 18.9 | 5.0 | 27.4 | 38.6 | 3.6 | 11.5 |

25 We expect ITC to post revenue growth of $11.7 \%$ YoY in 4QFY08 to Rs38.7b. EBITDA margins would expand 30bp YoY to $27.1 \%$, as new FMCG (excluding Bingo and personal care) has turned around. PAT is likely to grow $13.3 \%$ YoY to Rs7.3b.
es The company would report flat cigarette volumes in 4QFY08 as against a $2.7 \%$ YoY decline in volumes for 9MFY08. Our FY08 estimates factor in a $2 \%$ decline in cigarette volumes.
e Paper and paperboard would report yet another quarter of steady growth. Bingo and Sunfeast would enable ITC to maintain strong growth momentum in food products. We expect the Foods business (excluding Bingo) to sustain turnaround in 4QFY08.
\& ITC has strengthened its presence in the personal care segment, with the launch of Vivel and Vivel Di Wills premium soaps in six variants. In addition, it has launched three variants of shower gels and hair conditioners. We expect ITC to launch more products in the HPC category.
2. ITC is expected to emerge stronger due to sharp increase in excise on non filter cigarettes, as lowest end cigarettes constitute just $5 \%$ of its volumes and plains constitute another $15 \%$. We expect the company' s sales mix to improve and market share to increase.
2 The stock is currently trading at $24.9 x$ FY08E earnings and 21.6x FY09E earnings. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Net Sales | 28,498 | 28,876 | 31,147 | 34,663 | 33,252 | 32,734 | 34,580 | 38,733 | 123,693 | 139,299 |
| YoY Change (\%) | 25.7 | 32.3 | 21.9 | 24.5 | 16.7 | 13.4 | 11.0 | 11.7 | 26.3 | 12.6 |
| Total Exp | 18,792 | 19,149 | 20,319 | 25,360 | 21,977 | 22,414 | 22,583 | 28,241 | 84,055 | 95,215 |
| EBITDA | 9,706 | 9,727 | 10,828 | 9,303 | 11,276 | 10,320 | 11,997 | 10,492 | 39,638 | 44,085 |
| Margins (\%) | 34.1 | 33.7 | 34.8 | 26.8 | 33.9 | 31.5 | 34.7 | 27.1 | 32.0 | 31.6 |
| Depreciation | 876 | 910 | 921 | 922 | 1,010 | 1,062 | 1,097 | 1,164 | 3,629 | 4,334 |
| Interest | 7 | 35 | -9 | -1 | -8 | 9 | 18 | 6 | 160 | 25 |
| Other Income | 849 | 795 | 698 | 1,023 | 1,016 | 2,083 | 1,374 | 1,175 | 3,418 | 5,647 |
| PBT | 9,672 | 9,578 | 10,614 | 9,404 | 11,289 | 11,331 | 12,256 | 10,497 | 39,267 | 45,373 |
| Tax | 3,149 | 2,782 | 3,440 | 2,897 | 3,461 | 3,623 | 3,948 | 3,125 | 12,267 | 14,156 |
| Rate (\%) | 32.6 | 29.0 | 32.4 | 30.8 | 30.7 | 32.0 | 32.2 | 29.8 | 31.2 | 31.2 |
| Reported PAT | 6,523 | 6,796 | 7,174 | 6,507 | 7,829 | 7,709 | 8,307 | 7,372 | 27,000 | 31,217 |
| YoY Change (\%) | 16.8 | 18.7 | 23.2 | 14.7 | 20.0 | 13.4 | 15.8 | 13.3 | 20.8 | 15.6 |
| Adjusted PAT | 6,523 | 6,796 | 7,174 | 6,507 | 7,829 | 7,709 | 8,307 | 7,372 | 27,000 | 31,217 |
| YoY Change (\%) | 21.1 | 18.7 | 33.6 | 14.7 | 20.0 | 13.4 | 15.8 | 13.3 | 18.4 | 15.6 |

$\overline{\text { E: MOSt Estimates }}$

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | MRCO IN <br> REUTERS CODE |
| S\&P CNX: 4,942 MRCO.BO |  |
| Equity Shares (m) | 609.0 |
| 52-Week Range | $83 / 47$ |
| 1,6,12 Rel. Perf. (\%) | $15 / 16 /-12$ |
| M.Cap. (Rs b) | 41.0 |
| M.Cap. (US\$ b) | 1.0 |


| 28 March 2008 Buy |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs67 |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | ROE | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07A | 15,569 | 1,129 | 1.9 | 6.9 | 35.0 | 21.3 | 58.7 | 39.2 | 2.8 | 20.3 |
| 03/08E | 19,157 | 1,621 | 2.7 | 39.4 | 25.1 | 16.7 | 66.0 | 49.9 | 2.2 | 16.9 |
| 03/09E | 23,010 | 1,948 | 3.2 | 18.0 | 21.3 | 11.9 | 56.7 | 55.9 | 1.8 | 14.1 |
| 03/10E | 26,102 | 2,283 | 3.7 | 17.1 | 18.2 | 9.0 | 49.9 | 52.9 | 1.6 | 12.2 |

\& We expect Marico to report sales of Rs4.7b in 4QFY08 against Rs3.9b in 4QFY07, a growth of $20 \%$ YoY. EBITDA margins would expand marginally to $11.9 \%$ as against $10.4 \%$ in 4 QFY07. We estimate PAT at Rs368m as against Rs309m in 4QFY07, a growth of $19.2 \%$ YoY.
\& We expect Parachute, hair oils and Saffola to maintain strong double-digit growth. Fiancée and Haircode would boost topline and enable the company to maintain margins.
25 Marico has witnessed 20-25\% increase in prices of all raw materials. The company has already taken 10-12\% price increase in Saffola Gold to ward off this impact. We expect Marico to take price increase in coconut oils, but maintaining profit margins could be a challenge in the coming year.
8. Marico has launched Parachute Advanced Starz, a hair care range targeting children in the age group of 3-10 years. The product line includes shampoo, hair oil and hair gel cream which makes Marico the first company to launch kids specific brand variants.
8. We are reducing our EPS estimates from Rs 2.8 to Rs 2.7 for FY08 and from Rs3.4 to Rs3.2 for FY09; our new estimates factor in high raw material prices. The stock trades at 25.1 x FY08E and 21.3 x FY09E earnings. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3Q | 4Q | 1Q | 2 Q | 3 Q | 4QE |  |  |
| Net Sales | 3,728 | 3,780 | 4,092 | 3,970 | 4,691 | 4,638 | 5,062 | 4,765 | 15,569 | 19,157 |
| YoY Change (\%) | 37.7 | 37.5 | 36.2 | 33.4 | 25.8 | 22.7 | 23.7 | 20.0 | 36.1 | 23.0 |
| Total Exp | 3,165 | 3,174 | 3,541 | 3,558 | 4,031 | 3,990 | 4,420 | 4,200 | 13,443 | 16,642 |
| EBITDA | 563 | 605 | 551 | 412 | 660 | 648 | 643 | 565 | 2,126 | 2,515 |
| Margins (\%) | 15.1 | 16.0 | 13.5 | 10.4 | 14.1 | 14.0 | 12.7 | 11.9 | 13.7 | 13.1 |
| Depreciation | 112 | 127 | 168 | 115 | 58 | 64 | 66 | 71 | 521 | 259 |
| Interest | 48 | 57 | 54 | 47 | 71 | 65 | 68 | 42 | 239 | 246 |
| Other Income | 11 | 1 | 3 | 87 | 7 | 5 | 3 | 46 | 134 | 61 |
| PBT | 414 | 422 | 332 | 337 | 539 | 523 | 511 | 498 | 1,501 | 2,071 |
| Tax | 111 | 116 | 55 | 28 | 136 | 101 | 83 | 130 | 372 | 451 |
| Rate (\%) | 26.8 | 27.5 | 16.6 | 8.3 | 25.3 | 19.3 | 16.3 | 26.1 | 24.8 | 21.8 |
| Adjusted PAT | 303 | 306 | 277 | 309 | 402 | 423 | 428 | 368 | 1,129 | 1,621 |
| YoY Change (\%) | 30.6 | 50.7 | -22.8 | 23.0 | 32.9 | 38.0 | 54.4 | 19.2 | 30.0 | 43.5 |
| Exceptional Items | 0 | -45 | 7 | -28 | 0 | 0 | 31 | 0 |  | 31 |
| Reported PAT | 303 | 261 | 284 | 281 | 402 | 423 | 459 | 368 | 1,129 | 1,683 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | NEST IN |
| REUTERS CODE |  |
| S\&P CNX: 4,942 NEST.BO |  |
| Equity Shares (m) | 96.4 |
| 52-Week Range | $1,676 / 900$ |
| 1,6,12 Rel. Perf. (\%) | $17 / 18 / 35$ |
| M.Cap. (Rs b) | 144.0 |
| M.Cap. (US\$ b) | 3.6 |


| 28 March 2008 Buy |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy Rs1,493 |  |  |  |  |  |  |  |  |  |  |
| YEAR | NET SALES | PAT* | EPS | EPS | P/E | P/BV | Roe | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 12/06A | 28,161 | 3,269 | 33.9 | -0.6 | 44.0 | 23.7 | 53.8 | 79.0 | 5.1 | 26.5 |
| 12/07A | 35,044 | 4,313 | 44.7 | 31.9 | 33.4 | 20.7 | 62.1 | 91.0 | 4.1 | 20.4 |
| 12/08E | 41,957 | 5,454 | 56.6 | 26.4 | 26.4 | 18.0 | 68.1 | 99.6 | 3.4 | 16.3 |
| 12/09E | 50,137 | 6,842 | 71.0 | 25.5 | 21.0 | 15.4 | 73.2 | 107.5 | 2.8 | 13.1 |

${ }^{*}$ Excluding extraordinary items and provisions
\& We expect Nestle to report net sales growth of $19.3 \%$ YoY in 1QCY08. Domestic revenues would grow $20.5 \%$ YoY while exports are likely to post a modest $4.4 \%$ growth. EBITDA margin would expand just 50 bp YoY to $21.2 \%$, as prices of key raw material have increased. Adjusted PAT is likely to increase by $23.6 \%$ YoY to Rs1,390m.

2 We expect broad-based growth across categories, with noodles and chocolates being the key drivers. Rising raw material prices would be a key challenge in the current year, as milk and wheat prices are strong. Sugar prices, which have been trending lower for the last three quarters, have started inching up.
\& New product launches continue to gain traction; the company has launched Nescafe Mild and Cerevita breakfast cereal in three flavors. Nescafe Mild has received good response; the product has a mild coffee taste and is targeted at tea consumers. Its success could substantially accelerate growth rates in the coffee segment.
8. We expect Nestle to maintain momentum in the launch of high margin value added variants, which would enable the company to sustain double-digit volume growth. It would be a major beneficiary of the increase in disposable incomes of the middle class. The stock trades at 26.4 x CY08E and 21 x CY09E earnings. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E DECEMber | CY07 |  |  |  | CY08E |  |  |  | CY07 | CY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4Q |  |  |
| Net Sales | 8,631 | 8,389 | 9,067 | 8,957 | 10,300 | 10,010 | 10,805 | 10,842 | 35,044 | 41,957 |
| YoY Change (\%) | 27.7 | 23.2 | 25.5 | 21.7 | 19.3 | 19.3 | 19.2 | 21.0 | 24.4 | 19.7 |
| Total Exp | 6,843 | 6,694 | 7,152 | 7,380 | 8,116 | 7,948 | 8,374 | 8,874 | 28,081 | 33,312 |
| EBITDA | 1,788 | 1,695 | 1,916 | 1,576 | 2,184 | 2,062 | 2,431 | 1,968 | 6,963 | 8,644 |
| Margins (\%) | 20.7 | 20.2 | 21.1 | 17.6 | 21.2 | 20.6 | 22.5 | 18.1 | 19.9 | 20.6 |
| Depreciation | 179 | 178 | 184 | 206 | 207 | 200 | 205 | 208 | 747 | 820 |
| Interest | 1.9 | 3.7 | 0.7 | 2.2 | 1.5 | 1.0 | 1.0 | 1.2 | 9 | 5 |
| Other income | 70 | 32 | 57 | 97 | 90 | 50 | 70 | 110 | 254 | 320 |
| PBT | 1,677 | 1,544 | 1,787 | 1,465 | 2,065 | 1,911 | 2,295 | 1,868 | 6,461 | 8,140 |
| Tax | 563 | 507 | 597 | 481 | 675 | 630 | 760 | 621 | 2,148 | 2,686 |
| Rate (\%) | 33.6 | 32.8 | 33.4 | 32.8 | 32.7 | 33.0 | 33.1 | 33.2 | 33.2 | 33.0 |
| Adjusted PAT | 1,114 | 1,037 | 1,190 | 984 | 1,390 | 1,281 | 1,535 | 1,247 | 4,313 | 5,454 |
| YoY Change (\%) | 52.1 | 39.8 | 36.5 | 24.1 | 24.8 | 23.5 | 29.0 | 26.8 | 31.9 | 26.4 |
| Extraordinary Inc/(Exp) | -30 | -80 | -29 | -48 | -50 | -55 | -40 | -65 | -175 | -210 |
| Reported PAT | 1,085 | 957 | 1,161 | 936 | 1,340 | 1,226 | 1,495 | 1,183 | 4,138 | 5,244 |
| YoY Change (\%) | 22.4 | 30.1 | 39.8 | 50.0 | 23.6 | 28.1 | 28.8 | 26.3 | 31.3 | 26.7 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | TT IN |
| REUTERS CODE |  |
| S\&P CNX: 4,942 TTTE.BO |  |
| Equity Shares (m) | 61.8 |
| 52-Week Range | $1,014 / 586$ |
| 1,6,12 Rel. Perf. (\%) | $9 / 8 / 7$ |
| M.Cap. (Rs b) | 51.2 |
| M.Cap. (US\$ b) | 1.3 |

28 March 2008

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs827 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| YEAR | NET SALES | PAT* | EPS | EPS | P/E | P/BV | ROE | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 3/07A | 40,446 | 2,985 | 48.3 | 2.3 | 17.1 | 2.2 | 13.7 | 12.3 | 2.2 | 11.9 |
| 3/08E | 40,051 | 2,919 | 47.2 | -2.2 | 17.5 | 1.3 | 7.3 | 15.6 | 1.1 | 5.9 |
| 3/09E | 43,102 | 4,604 | 74.4 | 57.7 | 11.1 | 1.2 | 10.7 | 16.5 | 0.9 | 5.0 |
| 3/10E | 46,190 | 5,228 | 84.5 | 13.6 | 9.8 | 1.1 | 11.2 | 17.2 | 0.8 | 4.2 |

* We expect Tata Tea to report sales of Rs7.04b for the quarter. We have taken into account sale of North India plantations. Domestic branded business is likely to grow in mid-teens due to continued success of its branded portfolio.
$\&$ EBITDA margins would expand670bp to $23.4 \%$, due to higher contribution from Eight O'clock Coffee and stabilization of Tata Coffee's new instant coffee plant.

2. Tata Tea would start reporting the benefits of Glaceau stake sale, as increase in other income from surplus funds and decline in interest burden would boost adjusted PAT by $564.5 \%$ to Rs 973 m . Our full year estimates include reduction in debt to Rs16b and surplus of more than Rs20b in Tetley balance sheet.

* Tata Tea has announced an open offer for Mount Everest Mineral Water. Long-term prospects for the water business look encouraging; our estimates do not factor in the financials of Mount Everest acquisition.
\& The stock is trading at $17.5 x$ FY08E and $11.1 x$ FY09E earnings. Though we have a Neutral rating on the stock, it could be a good contrarian bet from a long-term perspective.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 10 | 2 Q | 30 | 4QE* |  |  |
| Net Sales | 7,989 | 9,740 | 11,126 | 11,591 | 10,188 | 10,965 | 11,849 | 7,048 | 40,446 | 40,051 |
| YoY Change (\%) | 11.5 | 25.1 | 37.1 | 41.9 | 27.5 | 12.6 | 6.5 | -39.2 | 30.2 | -1.0 |
| Total Exp | 6,412 | 7,938 | 9,120 | 9,658 | 8,523 | 9,143 | 9,643 | 5,402 | 33,129 | 32,710 |
| EBITDA | 1,577 | 1,801 | 2,005 | 1,933 | 1,672 | 1,582 | 2,112 | 1,646 | 7,317 | 7,340 |
| Margins (\%) | 19.7 | 18.5 | 18.0 | 16.7 | 16.4 | 14.4 | 17.8 | 23.4 | 18.1 | 18.3 |
| Depreciation | 202 | 258 | 262 | 245 | 258 | 240 | 227 | 360 | 967 | 1,086 |
| Interest | 274 | 472 | 909 | 1,074 | 946 | 660 | 504 | 370 | 2,729 | 2,480 |
| Other Income | 75 | 410 | 68 | -296 | 100 | 204 | 47 | 448 | 783 | 800 |
| PBT | 1,175 | 1,482 | 901 | 319 | 567 | 886 | 1,427 | 1,365 | 4,404 | 4,574 |
| Tax | 322 | 268 | 393 | 93 | 140 | 373 | 503 | 219 | 1,076 | 1,235 |
| Rate (\%) | 27.4 | 18.1 | 43.6 | 29.2 | 24.7 | 42.1 | 35.2 | 16.0 | 24.4 | 27.0 |
| PAT | 853 | 1,214 | 508 | 226 | 427 | 513 | 924 | 1,146 | 3,328 | 3,339 |
| YoY Change (\%) | 32.3 | 22.1 | -36.1 | -60.2 | -49.9 | -57.8 | 81.8 | 407.8 | 26.7 | 0.3 |
| Minority Interest/ Share of Associate | e -34 | 57 | -91 | -79 | -50 | -51 | -145 | -173 | 147 | -420 |
| Adjusted PAT | 819 | 1,271 | 418 | 146 | 377 | 462 | 779 | 973 | 3,474 | 2,919 |
| Yo Y Change (\%) | 31.0 | 23.2 | -49.8 | -72.8 | -54.0 | -63.7 | 86.5 | 564.5 | 2.3 | -16.0 |
| Extraordinary Gains | -18 | -670 | 754 | 374 | 80 | 631 | 12,294 | 1,747 | 1,449 | 14,752 |
| Reported PAT | 801 | 602 | 1,172 | 520 | 457 | 1,092 | 13,073 | 2,720 | 4,923 | 17,671 |
| YoY Change (\%) | -7.3 | -40.6 | 44.2 | 1.0 | -43 | 82 | 1,016 | 422.9 | 48.2 | 258.9 |

E: MOSt Estimates; * 4QFY08 sales show adjustment for previous quarters due to sale of north India plantations

[^15]
# United Spirits 

| STOCK INFO. <br> BSE Sensex: 16,371 | BLOOMBERG |
| :---: | :---: |
|  | UNSP IN |
|  | reuters code |
| S\&P CNX: 4,942 | UNSP.BO |
| Equity Shares (m) | 100.2 |
| 52-Week Range | 2,188/786 |
| 1,6,12 Rel. Perf. (\%) | \%) -2/-8/59 |
| M.Cap. (Rs b) | 151.0 |
| M.Cap. (US\$ b) | 3.8 |


| 28 March 2008 Buy |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy Rs1,508 |  |  |  |  |  |  |  |  |  |  |
| YEAR | NET SALES | PAT* | EPS | EPS | P/E | P/BV | ROE | Roce | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07A | 27,205 | 2,542 | 27.8 | 576.3 | 54.2 | 11.5 | 18.9 | 17.3 | 4.8 | 29.5 |
| 03/08E | 32,102 | 3,951 | 44.3 | 59.2 | 34.0 | 7.2 | 16.9 | 21.1 | 3.9 | 19.8 |
| 03/09E | 38,180 | 6,151 | 69.0 | 55.7 | 21.9 | 6.0 | 18.8 | 23.9 | 3.3 | 15.7 |
| 03/10E | 44,689 | 8,443 | 94.7 | 37.3 | 15.9 | 5.0 | 20.6 | 27.4 | 2.7 | 12.2 |

* Excluding extraordinary items and provisions
\& We expect Untied Spirits to register $21 \%$ growth in topline to Rs8b in 4QFY08. EBITDA margins are likely to improve by 340 bp to $16.3 \%$. We expect adjusted PAT to increase to Rs 894 m , a growth of $39 \%$. Above estimates do not include numbers of White \& Mackay.
\& Strong growth in high margin brands, low prices of molasses and ENA (extra neutral alcohol), and Rs80/case price increase in Tamil Nadu will be the key margin drivers. United Spirits was allowed a price increase in Tamil Nadu (a controlled market) after three years.
$\&$ We expect strong growth in the deluxe segment to benefit the flagship brand McDowell No 1, which had grown by over $25 \%$ during 9MFY08. Premium brands like Black Dog, Antiquity, and vodka brands like Romanov, White Mischief and Alcazar are expected to grow strongly.
\& United Spirits is launching scotch and single malt products under Dalmore, Isle of Jura and Whyte \& Mackay brands in India, and the initial response has been encouraging. Whyte \& Mackay has been granted permission to set up new warehouses, which will enable the company to age scotch and increase the average age of scotch being sold.
* We expect volume growth to accelerate in the coming years due to rising disposable income of middle class and favorable regulatory changes. We believe that United Spirits continues to be best bet in the liquor space in India. The stock is trading at 34x FY08E and 21.9x FY09E earnings. We rate the stock as our top pick in the consumer space.

| QUARTERLY PERfor |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 10 | 20 | 30 | 4QE |  |  |
| Net Sales | 6,549 | 6,321 | 7,711 | 6,624 | 7,657 | 7,526 | 8,890 | 8,029 | 27,205 | 32,102 |
| YoY Change (\%) | 101 | 108 | 93 | 89.1 | 16.9 | 19.1 | 15.3 | 21.2 | 9.0 | 18.0 |
| Total Exp | 5,540 | 4,964 | 6,437 | 5,771 | 5,943 | 5,925 | 7,182 | 6,722 | 22,736 | 25,772 |
| EBITDA | 1,009 | 1,357 | 1,274 | 853 | 1,714 | 1,601 | 1,708 | 1,307 | 4,469 | 6,330 |
| Margins (\%) | 15.4 | 21.5 | 16.5 | 12.9 | 22.4 | 21.3 | 19.2 | 16.3 | 16.4 | 19.7 |
| Depreciation | 60 | 103 | 34 | 114 | 70 | 72 | 90 | 77 | 309 | 309 |
| Interest | 255 | 270 | 289 | 217 | 292 | 328 | 328 | 283 | 1,068 | 1,231 |
| PBT From operations | 695 | 983 | 951 | 522 | 1,352 | 1,201 | 1,290 | 947 | 3,092 | 4,790 |
| YoY Change (\%) | 375 | 1,048 | 308 | 456 | 94 | 22 | 36 | 82 | 227 | 55 |
| Other income | 36 | -7 | 143 | 360 | 49 | 42 | 96 | 381 | 704 | 567 |
| PBT | 731 | 976 | 1,094 | 881 | 1,400 | 1,243 | 1,386 | 1,328 | 3,796 | 5,357 |
| Tax | 279 | 413 | 325 | 236 | 505 | 389 | 505 | 434 | 1,276 | 1,832 |
| Rate (\%) | 38.2 | 42.3 | 29.7 | 26.8 | 36.0 | 31.3 | 36.4 | 32.7 | 33.6 | 34.2 |
| PAT | 451 | 563 | 769 | 645 | 896 | 854 | 882 | 894 | 2,520 | 3,525 |
| YoY Change (\%) | 335 | 900 | 350 | 264 | 98 | 52 | 15 | 39 | 182 | 40 |
| Extraordinary Inc/(Exp) | 0 | 0 | 2,657 | 0 | -20 | -52 | 0 | 0 | 2,627 | -72 |
| Reported PAT | 451 | 563 | 3,425 | 645 | 876 | 802 | 882 | 894 | 5,147 | 3,453 |

E: MOSt Estimates
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# Information Technology 

| BSE Sensex: 16,371 | S\&P C |
| :--- | :--- |
|  |  |
| COMPANY NAME | PG. |
| HCL Technologies | 147 |
| Infosys | 148 |
| MphasiS | 149 |
| Patni Computer | 150 |
| Satyam Computer | 151 |
| TCS | 152 |
| Tech Mahindra | 153 |
| Wipro | 154 |

The current scenario: The United States (US) is in the midst of one of its worst financial crises arising out of sub prime lending and bad mortgages. The relentless price fall in the overheated housing markets in the recent past has aggravated the credit crisis. Major financial institutions such as Merrill Lynch, Citigroup, UBS, Morgan Stanley, HSBC, BOA, DB and others have taken write offs of over US\$150b. We have already seen fall of the fifth largest Investment banking firm in the US viz Bear Stearns. With negative news still flowing in from the US credit markets and the extent of woes still uncertain, it seems there is still some time before one sees light at the end of tunnel. Further, the impact on insurance companies and some European banks is yet unknown. Under these circumstances the US economy is already slowing down, with recession being only a matter of time. There' s no question that as America's huge and hungry consumption machine starts to splutter, other economies around the world will suffer, including emerging economies like China and India.

On the eve of the closure of FY08 closure, never had there been (post the dot-com bubble bust and 9/11 events dating back about 8 years in year 2001) a bigger question mark on (business) demand for the Indian IT/BPO industry, than is perceived today on account of uncertainty looming around in the US financial markets. Managements of the frontline IT companies like TCS, Infosys, Wipro etc. are still non-committal on business outlook for the next fiscal. Even the customers, particularly BFSIs are non-committal on IT spend, as they are not able to assess the impact of the credit crisis on their businesses going forward. This has put IT spends for CY08 in state of flux. The authorities on their part have been supportive - indicated by the Federal Reserve (Fed) having taken six interest cuts in six months, bringing rates down to $2.25 \%$ from $5.5 \%$. Further the Fed

| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) |
| Information Technology |  |  |  |  |  |  |  |
| HCL Technologies | Buy | 19,101 | 5.1 | 4,202 | 8.2 | 3,518 | 5.7 |
| Infosys | Buy | 45,590 | 6.7 | 14,886 | 6.9 | 12,842 | 4.3 |
| MphasiS | Buy | 6,607 | 4.5 | 1,153 | 4.4 | 694 | 4.8 |
| Patni Computer | Neutral | 7,105 | 3.5 | 1,234 | 8.4 | 1,140 | 14.3 |
| Satyam Computer | Buy | 23,379 | 6.5 | 5,285 | 12.2 | 4,779 | 10.2 |
| TCS | Buy | 61,853 | 4.4 | 16,526 | 4.7 | 13,571 | 2.0 |
| Tech Mahindra | Neutral | 10,168 | 4.8 | 2,308 | 8.4 | 2,077 | 4.1 |
| Wipro | Buy | 38,181 | 6.1 | 11,218 | 11.7 | 9,148 | 10.7 |
| Sector Aggregate |  | 211,984 | 5.5 | 56,813 | 7.8 | 47,768 | 5.7 |

also had announced a US\$200bloan program that allowed the biggest US banks to borrow treasury securities and post mortgage-backed securities as collateral hoping to avoid a systemic meltdown in financial markets. The Federal Reserve had approved a US\$30b credit line to engineer the bail out and takeover of Bear Stearns.

What to expect in FY09: Ever since the last recession (i.e. 3 quarters of continuous declining GDP growth - this happened in Sep-01) in the US in CY01, until now, the Indian IT/BPO industry's exports has witnessed an impressive CAGR growth of $34 \%$, taking its size from US\$4b to around US\$40b in FY 2008 (est). The total IT/BPO services industry including the domestic business would be US\$50b by FY08, employing close to 1.6 million people and contributing close to $5.2 \%$ to India's GDP. NASSCOM believes Indian IT/ BPO is on track to reach the US\$60b in exports and US\$73-75b in overall software and services revenues, by 2010, implying export growth of $22.47 \%$ for next two years.

For FY09 we believe that IT companies would have back ended growth. We are assuming only 2-3 quarters of negative growth for the USeconomy including the March 2008 quarter and hence the IT spends would be impacted in H1FY09. After factoring the impact of marginal negative growth in a few BFSI clients, a flat pricing scenario and a moderate wage hike, we expect the frontline IT companies like TCS, Infosys, Satyam, HCL and Wipro to register muted growth in FY09 ranging from higher teens to higher twenties in US\$ terms. Infosys had posted muted growth for two quarters post the US being hit by a recession the previous time, emphasizing a lag effect of this condition on IT spends.

Companies such as Infosys and TCS have grown by $35 \%+$ in US\$ terms in FY08. In the light of uncertainty in IT spend and continuing woes in US credit markets we reckon Infosys to guide between $18 \%$ to $21 \%$ revenue growth in US\$ terms. The growth is expected to be driven via the European geography and ex BFSI verticals. Upon a turnaround in US credit crisis expected post H1FY09, companies could witness back ended growth. During FY09 companies will be under immense pricing pressure across geographies, more so from the worst-affected BFSI clients. We have assumed around $2 \%$ rupee appreciation (last financial year rupee appreciated $\sim 10 \%$ ) from an average Rs40 in FY08. With the US alone contributing over $60 \%$ of the business for Indian IT/BPO industry the impact is imminent; it only remains to be seen how severe the recession in the US could be.

In spite of slowdown in businesses, nondiscretionary spend (which is typically between $60-70 \%$ of IT companies business), would continue to increase given urgency for cost rationalization in biting business conditions. Also to maintain global competitiveness the US companies would have to stay put with their discretionary spend, which could get impacted in the short term. Further most frontline companies now have $30 \%$ business coming from Europe, for example in the last quarter, TCS has less that $50 \%$ revenue contribution from US. In tough times we could see IT intensity (IT spend as \% to business) going down or being flat with a shift towards offshoring.

FY09 will witness reduction of margins depending on the worsening of sub prime crisis. Indian IT companies will have to come out of their comfort zones for holding margins and take short term risks for long term sustainability and growth. For this IT companies would need to transform yet again and move up the value chain and thrive on innovation and business solutions, coupled with cost arbitrages, productivity gains and pricing pressures.

## What is reassuring at this stage for Indian IT companies?

1. A fair fourth quarter guidance from some frontline companies like Satyam, Infosys and Wipro in midst of US slowing down
2. Cognizant giving a good $38 \%$ revenue growth guidance for CY08 in mid-February 2008 and reassuring Accenture results in March last week
3. No significant stall in hiring plans by frontline companies
4. No profit or revenue guidance warning coming from any of Indian IT companies
5. A slowing US economy though would envisage cuts in IT budgets, could be a blessing in disguise for offshore companies as it would focus on cost savings. Globally India is the only country equipped to provide skill, scale, quality, pace and cost rationalization in one go.
6. Wage hikes are expected to be moderate in current year due to business slowing down and budgetary tax concession in salary for FY09
7. The offshoring story remains intact with frontline Indian IT companies already at the top end of the value chain competing with global players like IBM, Accenture, EDS, CSC, HP etc.
8. Analysts from IDC, Gartner, Forrester have indicated growth in IT spend globally albeit slower in CY08
a. Gartner predicts that the IT spending is expected to grow by 3.3 percent in FY2008 when compared with 2007 levels
b. IDC predicted in February that worldwide IT market would grow of 5\% this year, down from last year's sace of $6 \%$. Global IT spending is projected to reach US\$1.38t (including hardware) this year CY08, up from just over US\$1.3t in 2007
c. Forrester Research has revised its earlier forecast for a $4.6 \%$ increase in US purchase of IT goods and services down to a more modest $2.8 \%$. The research firm says it is based on the updated numbers of newly available economic data that points toward a slight recession in the United States and will impact IT spending for more than half of this year.

Sector valuations: Valuations of Indian IT companies have already discounted a mild / soft US slowdown / recession and hence would have limited downside unless a severe recessionary condition develops (this could only be estimated after a few months), in such a scenario one could see a significant fall in revenues and growth impacting profitability of the Indian IT/BPO companies severely. We recommend holding investments in frontline IT companies viz. TCS, Infosys, HCL Technologies, Satyam Computers and Wipro, which have transformational capabilities which is the need of the hour. We expect fair returns in the long run and post clarity on uncertainties in IT spending.

## Stock performance and valuations

STOCK PERFORMANCE (\%)

|  | ABSOLUTE PERF |  | REL PERF TO SENSEX |  | REL PERF TO SECTOR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 M | 1 YEAR | 3 M | 1 YEAR | 3 M | 1 YEAR |
| Information Technology |  |  |  |  |  |  |
| HCL Technologies | -17 | -5 | 2 | -33 | 0 | 17 |
| Infosys | -15 | -23 | 4 | -50 | 2 | -1 |
| MphasiS | -33 | -27 | -14 | -54 | -16 | -5 |
| Patni Computer | -30 | -38 | -12 | -65 | -13 | -16 |
| Satyam Computer | -9 | -10 | 10 | -37 | 8 | 12 |
| TCS | -19 | -28 | 0 | -55 | -2 | -5 |
| Tech Mahindra | -37 | -49 | -18 | -76 | -20 | -27 |
| Wipro | -14 | -19 | 5 | -46 | 3 | 3 |



RELATIVE PERFORMANCE - 1 YEAR (\%)


COMPARATIVE VALU ATION

| CMP (RS)28.03 .08 |  | RECO | EPS (RS) |  |  | P/E (X) |  |  | EV/EBITDA |  |  | ROE (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | FY08E | FY09E | FY10E | FY08E | FY09E | FY10E | FY08E | FY09E | FY10E | FY08E | FY09E | FY10E |
| Information Technology |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HCL Technologies | 272 |  | Buy | 19.5 | 22.1 | 25.6 | 14.0 | 12.3 | 10.6 | 9.7 | 7.8 | 6.2 | 25.7 | 26.7 | 28.4 |
| Infosys | 1,526 | Buy | 82.7 | 93.1 | 103.4 | 18.5 | 16.4 | 14.8 | 15.1 | 12.1 | 9.5 | 35.7 | 31.0 | 27.3 |
| MphasiS | 202 | Buy | 12.1 | 14.5 | 17.1 | 16.6 | 13.9 | 11.8 | 6.9 | 5.2 | 4.0 | 31.5 | 24.7 | 24.4 |
| Patni Computer | 230 | Neutral | 33.6 | 35.2 | 37.1 | 6.8 | 6.5 | 6.2 | 3.8 | 2.5 | 1.8 | 19.0 | 17.1 | 15.7 |
| Satyam Computer | 408 | Buy | 25.4 | 30.6 | 34.7 | 16.1 | 13.3 | 11.8 | 12.3 | 9.3 | 6.8 | 26.3 | 25.6 | 23.7 |
| TCS | 870 | Buy | 52.0 | 59.8 | 67.1 | 16.7 | 14.6 | 13.0 | 13.6 | 11.4 | 9.1 | 46.3 | 39.2 | 33.9 |
| Tech Mahindra | 723 | Neutral | 57.5 | 69.5 | 77.9 | 12.6 | 10.4 | 9.3 | 10.1 | 7.8 | 5.5 | 44.8 | 35.1 | 38.1 |
| Wipro | 454 | Buy | 22.4 | 25.5 | 29.6 | 20.3 | 17.8 | 15.4 | 15.7 | 13.1 | 9.9 | 29.2 | 27.8 | 26.9 |
| Sector Aggregate |  |  |  |  |  | 17.2 | 14.8 | 13.1 | 13.4 | 11.0 | 8.5 | 30.1 | 27.8 | 25.5 |


| STOCK INFO. <br> BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | HCLT IN |
|  | reuters code |
| S\&P CNX: 4,942 H | HCLT.BO |
| Equity Shares (m) | 663.7 |
| 52-Week Range | 366/180 |
| 1,6,12 Rel. Perf. (\%) | \%) 1/-4/-33 |
| M.Cap. (Rs b) | 180.4 |
| M.Cap. (US\$ b) | 4.5 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Buy } \\ & \text { Rs272 } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR | NET SALES | PAT* | EPS* | EPS | P/E | P/BV | ROE | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 6/07A | 60,336 | 12,543 | 18.9 | 72.8 | 14.4 | 3.6 | 29.9 | 33.2 | 2.6 | 11.8 |
| 6/08E | 74,010 | 13,058 | 19.5 | 3.1 | 14.0 | 3.3 | 25.7 | 28.6 | 2.1 | 9.7 |
| 6/09E | 91,211 | 15,093 | 22.1 | 13.3 | 12.3 | 2.9 | 26.7 | 30.7 | 1.7 | 7.8 |
| 6/10E | 116,421 | 17,835 | 25.6 | 15.9 | 10.6 | 2.9 | 28.4 | 35.3 | 1.3 | 6.2 |

* After ESOP charges
\& We expect HCL Technologies' consolidated revenue to grow by 5.1\% QoQ. The growth is muted on account of the UScredit crises and also as one key BFSI client based in UK facing a financial crisis. Growth will primarily be driven by volume and marginal uptake in revenue productivity, primarily in the software services business.
\& Infrastructure management and software services will witness muted growth, while BPO growth will continue to struggle.
\& We expect consolidated EBITDA margin to marginally improve by 60bp as the current quarter (a) will not have a salary hike factor and (b) will be subject to rupee depreciation.
\& The company has hedged its net receivables for over 10 quarters and had forward covers of US\$2.1b as of 31 December 2007 and expected the company to continue with an opportunistic hedging policy. For the quarter we expect the company to earn marginally lower other income at Rs520m on account of forex losses due to QoQ rupee depreciation.
\& Net profit is expected to grow 5.7\% QoQ (after ESOP charges) in rupee terms with the tax rate around $10 \%$ to PBT.
* The stock is trading at $12.3 x$ FY09E earnings estimates (after ESOP charges). HCL has a very good revenue stream from Europe, with leadership in the remote infrastructure space and large deal winning capability, along with presence in BPO and engineering and R\&D. We reckon HCL will further strengthen and consolidate its position in IT. We reiterate Buy.
\& Key challenges: US and IT spend slow down. Key BFSI client as its largest client; BPO growth.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E June | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 10 | 2 Q | 3QE | 4QE |  |  |
| Revenues | 13,794 | 14,651 | 15,771 | 16,120 | 17,092 | 18,166 | 19,101 | 19,651 | 60,336 | 74,010 |
| Q-o-Q Change (\%) | 10.0 | 6.2 | 7.6 | 2.2 | 6.0 | 6.3 | 5.1 | 2.9 | 37.5 | 22.7 |
| Direct Expenses | 8,709 | 9,107 | 9,737 | 10,039 | 10,763 | 11,258 | 11,874 | 12,321 | 37,592 | 46,216 |
| Sales, General \& Admin. Expenses | 2,098 | 2,303 | 2,366 | 2,607 | 2,689 | 3,023 | 3,024 | 3,029 | 9,374 | 11,765 |
| Operating Profit | 2,987 | 3,241 | 3,668 | 3,474 | 3,640 | 3,885 | 4,202 | 4,301 | 13,370 | 16,028 |
| Margins (\%) | 21.7 | 22.1 | 23.3 | 21.6 | 21.3 | 21.4 | 22.0 | 21.9 | 22.2 | 21.7 |
| Other Income | 290 | 481 | 615 | 2,873 | 504 | 542 | 520 | 550 | 4,259 | 2,116 |
| Depreciation | 556 | 623 | 659 | 693 | 686 | 723 | 789 | 801 | 2,531 | 2,999 |
| PBT bef. Extra-ordinary | 2,721 | 3,099 | 3,624 | 5,654 | 3,458 | 3,704 | 3,933 | 4,050 | 15,098 | 15,145 |
| Provision for Tax | 219 | 206 | 283 | 777 | 346 | 355 | 393 | 415 | 1,485 | 1,509 |
| Rate (\%) | 8.0 | 6.6 | 7.8 | 13.7 | 10.0 | 9.6 | 10.0 | 10.3 | 9.8 | 10.0 |
| Share of Income from Equity Investees Minority Interest |  | -7 | -3 | -3 | 0 | 0 | 0 | 0 | -9 | 0 |
|  |  | 23 | 20 | 7 | 28 | 21 | 22 | 23 | 55 | 94 |
| PAT bef. Extra-ord. \& ESOP chrg 2,501 |  | 2,863 | 3,318 | 4,867 | 3,084 | 3,328 | 3,518 | 3,612 | 13,549 | 13,542 |
| Q-o-Q Change (\%) | 7.3 | 14.5 | 15.9 | 46.7 | -36.6 | 7.9 | 5.7 | 2.7 | 75.2 | -0.1 |

E: MOSt Estimates
Vikas Jadhav (Vikas.Jadhav@MotilalOswal.com ); Tel: +91 2239825585

| STOCK INFO. BLOOMBERG <br> BSE Sensex: 16,371 INFO IN <br> REUTERS CODE <br> S\&P CNX: 4,942 INFY.BO |  |
| :--- | ---: |
| Equity Shares (m) | 571.8 |
| 52-Week Range | $2,140 / 1,212$ |
| 1,6,12 Rel. Perf. (\%) | $4 /-14 /-50$ |
| M.Cap. (Rs b) | 872.7 |
| M.Cap. (US\$ b) | 21.9 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy Rs1,526 |  |  |  |  |  |  |  |  |  |  |
| Year | net sales | PAT* | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | Ev/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITD |
| 3/07A | 138,930 | 37,250 | 68.4 | 53.3 | 22.3 | 7.6 | 42.3 | 46.4 | 5.7 | 18.1 |
| 3/08E | 167,090 | 45,932 | 82.7 | 20.8 | 18.5 | 5.8 | 35.7 | 41.0 | 4.6 | 14.7 |
| 3/09E | 197,966 | 53,324 | 93.1 | 12.6 | 16.4 | 4.5 | 31.0 | 36.1 | 3.7 | 11.8 |
| 3/10E | 248,443 | 59,333 | 103.4 | 11.1 | 14.8 | 3.6 | 27.3 | 34.9 | 2.8 | 9.2 |

*1:1 bonus in FY07, accordingly ratios are adjusted, PAT figures are adjusted PAT
\& We expect consolidated revenue to grow by $6.7 \%$ QoQ; supported by $6.3 \%$ volume growth during the quarter. Revenue growth in US dollar terms is expected to be $5.6 \%$ QoQ. The rupee has marginally depreciated (average around $0.75 \%$ ) during the quarter
8. EBITDA margins are expected to be flat at $32.7 \%$ levels in 4QFY08, with marginal improvement in realizations.
\& Net profit growth in 4QFY08 is expected to be muted compared with 3QFY08 at $4.3 \%$ QoQ on account of slowdown in IT spends during the quarter arising from subprime credit crisis in the US.
e On FY09 revenue guidance: Uncertainty over IT spend of some of the larger BFSI clients even in the third month of CY08 is cause for concern. Continuous negative newsflow from the US and write-offs of over US\$ 150 buntil date by some key BFSI offshoring clients clearly indicate slower revenue and earnings growth than anticipated in midJanuary post 3 QFY08 results. In this scenario, we believe Infosys will give guidance of between $18-21 \%$ revenue growth in US\$ terms. We see operating margins falling marginally and assume $2 \%$ rupee appreciation.
\& The stock currently trades at $18.5 x$ FY08E and $16.4 x$ FY09E earning estimates. While long term business prospects appear fair, the company could witness slower growth until credit conditions improve in the US. Maintain Buy.

* Key issues: US and IT spend slow down, abnormal rupee appreciation

|  |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| QUARTERLY PERFORMANCE | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Revenues | 30,150 | 34,510 | 36,550 | 37,720 | 37,730 | 41,060 | 42,710 | 45,590 | 138,930 | 167,090 |
| Q-o-Q Change (\%) | 14.9 | 14.5 | 5.9 | 3.2 | 0.0 | 8.8 | 4.0 | 6.7 | 45.9 | 20.3 |
| Direct Expenses | 16,660 | 18,330 | 19,380 | 20,210 | 21,690 | 22,310 | 23,250 | 24,321 | 74,580 | 91,571 |
| Sales, General \& Admin. Expenses | 4,600 | 5,090 | 5,210 | 5,540 | 5,200 | 5,910 | 5,540 | 6,383 | 20,440 | 23,033 |
| Operating Profit | 8,890 | 11,090 | 11,960 | 11,970 | 10,840 | 12,840 | 13,920 | 14,886 | 43,910 | 52,486 |
| Margins (\%) | 29.5 | 32.1 | 32.7 | 31.7 | 28.7 | 31.3 | 32.6 | 32.7 | 31.6 | 31.4 |
| Other Income | 1,250 | 660 | 590 | 1,200 | 2,530 | 1,540 | 1,580 | 1,819 | 3,700 | 7,469 |
| Depreciation | 1,060 | 1,220 | 1,410 | 1,450 | 1,440 | 1,440 | 1,530 | 1,641 | 5,140 | 6,051 |
| Provisions |  |  |  |  |  |  |  |  | 1 | 2 |
| PBT bef. Extra-ordinary | 9,080 | 10,530 | 11,140 | 11,720 | 11,930 | 12,940 | 13,970 | 15,064 | 42,470 | 53,904 |
| Provision for Tax | 1,060 | 1,230 | 1,300 | 1,520 | 1,650 | 1,940 | 2,160 | 2,222 | 5,110 | 7,972 |
| Rate (\%) | 11.7 | 11.7 | 11.7 | 13.0 | 13.8 | 15.0 | 15.5 | 14.8 | 12.0 | 14.8 |
| PAT bef. Minority | 8,020 | 9,300 | 9,840 | 10,200 | 10,280 | 11,000 | 11,810 | 12,842 | 37,360 | 45,932 |
| Minority Interest | -80 | -10 | -10 | -10 | 0 | 0 | 0 | 0 | -110 | 0 |
| PAT before EO | 7,940 | 9,290 | 9,830 | 10,190 | 10,280 | 11,000 | 11,810 | 12,842 | 37,250 | 45,932 |
| Extra-ordinary ltems | 60 | 0 | 0 | 1,250 | 510 | 0 | 500 | 0 | 1,310 | 1,010 |
| PAT aft. Minority and EO | 8,000 | 9,290 | 9,830 | 11,440 | 10,790 | 11,000 | 12,310 | 12,842 | 38,560 | 46,942 |
| Q-o-Q Change (\%) | 18.9 | 16.1 | 5.8 | 16.4 | -5.7 | 1.9 | 11.9 | 4.3 | 56.9 | 21.7 |

## E: MOSt Estimates

Vikas Jadhav (Vikas.Jadhav@MotilalOswal.com ); Tel: +91 2239825585

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | MPHL IN |
| REUTERS CODE |  |
| S\&P CNX: 4,942 | MBFL.BO |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs202 |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 3/07A | 11,958 | 1,199 | 7.3 | -21.5 | 27.6 | 6.8 | 27.4 | 30.3 | 2.7 | 15.7 |
| 3/08E | 24,263 | 2,533 | 12.1 | 66.2 | 16.6 | 3.7 | 31.5 | 33.6 | 1.6 | 8.9 |
| 3/09E | 30,456 | 3,031 | 14.5 | 19.6 | 13.9 | 3.1 | 24.7 | 27.6 | 1.2 | 6.9 |
| 3/10E | 37,804 | 3,567 | 17.1 | 17.7 | 11.8 | 2.6 | 24.4 | 29.7 | 0.9 | 5.4 |

\& We expect Mphasis to report revenue growth of $4.5 \%$ in 4QFY08, supported by growth in EDS driven revenues.
\& EBITDA margins are expected to be flat at around $17.4 \%$ in the quarter.
\& In 4QFY08, we expect the tax rate to increase to $8 \%$ levels versus $5.6 \%$ in 3 QFY 08 .
\& Net profit is expected to grow at $4.8 \%$ QoQ to Rs694m.

* The stock is currently trading at 16.6x FY08E and 13.9x FY09E earnings estimates. Maintain Buy.
\& Key issues: Revenue growth through EDS, margins, US and IT spend slow down.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08* |  |  |  | FY07 | FY08E* |
|  | 10 | 20 | 3 Q | 4 Q | 10 | 2 Q | 30 | 4QE |  |  |
| Revenues | 2,607 | 2,919 | 3,060 | 3,373 | 5,316 | 6,017 | 6,323 | 6,607 | 11,958 | 24,263 |
| Q-o-Q Change (\%) | 4.1 | 12.0 | 4.8 | 10.2 | 57.6 | 13.2 | 5.1 | 4.5 | 27.2 | 102.9 |
| Direct Expenses | 1,858 | 1,935 | 1,982 | 2,179 | 3,713 | 4,290 | 4,616 | 4,724 | 7,954 | 17,343 |
| Sales, General \& Admin. Expenses | 434 | 499 | 489 | 547 | 626 | 648 | 602 | 730 | 1,969 | 2,606 |
| Operating Profit | 315 | 485 | 588 | 647 | 978 | 1,079 | 1,104 | 1,153 | 2,035 | 4,314 |
| Margins (\%) | 12.1 | 16.6 | 19.2 | 19.2 | 18.4 | 17.9 | 17.5 | 17.4 | 17.0 | 17.8 |
| Other Income | 42 | -56 | -50 | -6 | -147 | -15 | -28 | -15 | -69 | -204 |
| Depreciation | 150 | 157 | 161 | 163 | 305 | 340 | 374 | 383 | 631 | 1,403 |
| PBT bef. Extra-ordinary | 207 | 273 | 378 | 478 | 526 | 724 | 702 | 755 | 1,335 | 2,706 |
| Provision for Tax | 55 | 39 | 20 | 22 | 13 | 61 | 40 | 60 | 136 | 174 |
| Rate (\%) | 26.7 | 14.2 | 5.3 | 4.6 | 2.4 | 8.4 | 5.6 | 8.0 | 10.2 | 6.4 |
| PAT bef. Extra-ordinary | 152 | 234 | 358 | 456 | 513 | 663 | 663 | 694 | 1,199 | 2,532 |
| Q-o-Q Change (\%) | -56.8 | 54.0 | 52.9 | 27.4 | 12.7 | 29.2 | -0.1 | 4.8 | -20.0 | 111.2 |

$\overline{\mathrm{E}: \text { : MOSt Estimates; * }}$ *onsolidated with EDS (I)

# Patni Computer Systems 

| STOCK INFO. | BLOOMBERG |  |
| :--- | ---: | :---: |
| BSE Sensex: 16,371 | PATNI IN |  |
|  | REUTERS CODE |  |
| S\&P CNX: 4,942 | PTNI.BO |  |
| Equity Shares (m) | 138.9 |  |
| 52-Week Range | $573 / 185$ |  |
| 1,6,12 Rel. Perf. (\%) | $1 /-46 /-65$ |  |
| M.Cap. (Rs b) | 31.9 |  |
| M.Cap. (US\$ b) | 0.8 |  |


| 28 March 2008 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs230 |
| year | net sales | PAT* | EPS | EPS | P/E | P/BV | roe | Roce | Ev/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | Sales | Ebitda |
| 12/06A | 26,112 | 3,572 | 25.8 | 18.8 | 8.9 | 1.4 | 16.8 | 21.2 | 0.7 | 3.8 |
| 12/07A | 26,950 | 4,643 | 33.6 | 30.0 | 6.8 | 1.2 | 19.0 | 22.7 | 0.7 | 3.8 |
| 12/08E | 30,082 | 4,868 | 35.2 | 4.9 | 6.5 | 1.0 | 17.1 | 20.3 | 0.4 | 2.5 |
| 12/09E | 36,269 | 5,127 | 37.1 | 5.3 | 6.2 | 0.9 | 15.7 | 19.7 | 0.3 | 1.8 |

* Reflects adjusted PAT
\& We expect revenue to increase by $3.5 \% \mathrm{QoQ}$ in rupee terms in 1 QCY 08 .
\& Margins (EBIT) are expected to improve by 80 bp in 1QCY08 at $17.4 \%$.
\& Other income is expected to be higher at Rs 400 m in 1QCY08 $\mathrm{v} / \mathrm{s}$ Rs295m in 4QCY07.
\& We expect net profit to increase by $14 \%$ for the quarter.
\& The stock is trading at 6.8 x CY08E and 6.5 x CY09E earnings estimates. We maintain Neutral.
\& Key issues: US and IT spend slow down, abnormal rupee appreciation, margins, attrition rates.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E DECEMber | CY07 |  |  |  | CY08E |  |  |  | CY07 | CY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1 Q | 2Q | 3 Q | 4Q |  |  |
| Revenues | 6,724 | 6,628 | 6,736 | 6,862 | 7,105 | 7,363 | 7,637 | 7,977 | 26,950 | 30,082 |
| Q-o-Q Change (\%) | -1.2 | -1.4 | 1.6 | 1.9 | 3.5 | 3.6 | 3.7 | 4.4 | 3.2 | 11.6 |
| Direct Expenses | 4,204 | 4,303 | 4,470 | 4,594 | 4,719 | 5,086 | 5,027 | 5,276 | 17,570 | 20,108 |
| Sales, General \& Admin. Expenses | 1,094 | 1,108 | 1,149 | 1,130 | 1,152 | 1,149 | 1,168 | 1,212 | 4,480 | 4,681 |
| Operating Profit | 1,427 | 1,217 | 1,117 | 1,138 | 1,234 | 1,128 | 1,442 | 1,490 | 4,899 | 5,294 |
| Margins (\%) | 21.2 | 18.4 | 16.6 | 16.6 | 17.4 | 15.3 | 18.9 | 18.7 | 18.2 | 17.6 |
| Other Income | 268 | 635 | 441 | 295 | 400 | 400 | 400 | 400 | 1,638 | 1,600 |
| Depreciation | 234 | 252 | 262 | 257 | 277 | 280 | 283 | 287 | 1,004 | 1,127 |
| PBT bef. Extra-ordinary | 1,460 | 1,600 | 1,296 | 1,176 | 1,357 | 1,249 | 1,560 | 1,602 | 5,533 | 5,767 |
| Provision for Tax | 260 | 253 | 198 | 179 | 217 | 200 | 242 | 240 | 890 | 899 |
| Rate (\%) | 17.8 | 15.8 | 15.3 | 15.2 | 16.0 | 16.0 | 15.5 | 15.0 | 16.1 | 15.6 |
| Net Income bef. Extra-ordinary | 1,200 | 1,348 | 1,098 | 997 | 1,140 | 1,049 | 1,318 | 1,362 | 4,643 | 4,868 |
| Q-o-Q Change (\%) | 5.8 | 12.3 | -18.5 | -9.2 | 14.3 | -8.0 | 25.7 | 3.4 | 30.0 | 4.9 |

E:MOSt Estimates

# Satyam Computer 

| STOCK INFO. BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | SCS IN |
|  | reuters code |
| S\&P CNX: 4,942 S | SATY.BO |
| Equity Shares (m) | 669.1 |
| 52-Week Range | 522/305 |
| 1,6,12 Rel. Perf. (\%) | \%) -0/-3/-37 |
| M.Cap. (Rs b) | 273.3 |
| M.Cap. (US\$ b) | 6.8 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | net sales (RS M) | $\begin{gathered} \mathrm{S} \\ \\ \\ \text { (RSS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{aligned} & \text { P/E } \\ & \text { (X) } \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | Roe <br> (\%) | ROCE <br> (\%) | $\begin{aligned} & \text { EV/ } \\ & \text { SALES } \end{aligned}$ | $\begin{aligned} & \text { EV/ } \\ & \text { EBITDA } \end{aligned}$ |
| 3/07A | 64,851 | 14,047 | 21.5 | 41.7 | 19.0 | 4.6 | 27.9 | 30.3 | 3.6 | 15.3 |
| 3/08E | 83,954 | 16,989 | 25.4 | 18.4 | 16.1 | 3.8 | 26.3 | 29.9 | 2.7 | 12.3 |
| 3/09E | 106,731 | 20,601 | 30.6 | 20.5 | 13.3 | 3.1 | 25.6 | 30.0 | 2.0 | 9.3 |
| 3/10E | 136,725 | 23,600 | 34.7 | 13.5 | 11.8 | 2.5 | 23.7 | 31.0 | 1.4 | 6.8 |

* PAT figures reflects adjusted PAT
\& We expect Satyam to report consolidated revenue growth of $6.5 \%$ QoQ in 4 QFY 08 . In dollar terms, we expect consolidated revenue growth of $5.9 \% \mathrm{QoQ}$ in 4 QFY 08 .

2. EBITDA margins are expected to improve by 100 bp in 4QFY08, on the back of higher volume growth and better revenue realisation.
$\star$ Net profit is expected to grow by $10.2 \%$ in the quarter on the back of improved revenue growth.
3. The stock is currently trading at 16.1x FY08E and 13.3x FY09E earnings estimates. We continue to be impressed with Satyam' sexecution in terms of reduction in attrition rates and diversification into other service offerings such as engineering services and infrastructure management. This measure has improved its earnings visibility significantly. We maintain Buy.

* Key issues: US and IT spend slowdown, abnormal rupee appreciation, BPO business.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4Q | 10 | 2 Q | 3 Q | 4QE |  |  |
| Revenues | 14,429 | 16,019 | 16,611 | 17,792 | 18,302 | 20,317 | 21,956 | 23,379 | 64,851 | 83,954 |
| Q-o-Q Change (\%) | 9.8 | 11.0 | 3.7 | 7.1 | 2.9 | 11.0 | 8.1 | 6.5 | 35.3 | 29.5 |
| Direct Expenses | 8,316 | 9,827 | 9,674 | 10,763 | 11,062 | 13,028 | 13,806 | 14,423 | 38,579 | 52,319 |
| Sales, General \& Admin. Expenses | 2,563 | 2,567 | 2,838 | 2,927 | 3,137 | 3,263 | 3,437 | 3,670 | 10,894 | 13,508 |
| Operating Profit | 3,550 | 3,625 | 4,100 | 4,102 | 4,103 | 4,027 | 4,712 | 5,285 | 15,377 | 18,127 |
| Margins (\%) | 24.6 | 22.6 | 24.7 | 23.1 | 22.4 | 19.8 | 21.5 | 22.6 | 23.7 | 21.6 |
| Other Income | 745 | 282 | 102 | 704 | 632 | 1,105 | 705 | 706 | 1,833 | 3,148 |
| Depreciation | 362 | 375 | 394 | 354 | 387 | 391 | 423 | 456 | 1,484 | 1,656 |
| Interest | 26 | 27 | 32 | 74 | 33 | 42 | 81 | 47 | 159 | 203 |
| PBT bef. Extra-ordinary | 3,908 | 3,505 | 3,776 | 4,378 | 4,315 | 4,700 | 4,913 | 5,488 | 15,566 | 19,416 |
| Provision for Tax | 368 | 307 | 403 | 442 | 532 | 609 | 576 | 710 | 1,520 | 2,427 |
| Rate (\%) | 9.4 | 8.8 | 10.7 | 10.1 | 12.3 | 13.0 | 11.7 | 12.9 | 9.8 | 12.5 |
| Minority Interest | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | 0 |
| PAT bef. Extra-ordinary | 3,541 | 3,198 | 3,372 | 3,936 | 3,783 | 4,091 | 4,336 | 4,779 | 14,047 | 16,989 |
| Q-o-Q Change (\%) | 24.4 | -9.7 | 5.4 | 16.7 | -3.9 | 8.1 | 6.0 | 10.2 | 43.0 | 20.9 |

E: MOSt Estimates

Vikas Jadhav (Vikas.Jadhav@MotilalOswal.com); Tel: +91 2239825585

# Tata Consultancy Services 



| 28 March 2008 |  |  |  |  |  |  |  |  |  | $\begin{array}{r} \text { Buy } \\ \text { Rs } 870 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 3/07A | 186,334 | 41,316 | 41.7 | 39.6 | 20.9 | 9.5 | 54.5 | 58.8 | 4.5 | 16.4 |
| 3/08E | 229,521 | 50,911 | 52.0 | 24.8 | 16.7 | 6.8 | 46.3 | 50.6 | 3.5 | 13.2 |
| 3/09E | 272,699 | 58,487 | 59.8 | 14.9 | 14.6 | 5.1 | 39.2 | 44.2 | 2.8 | 10.9 |
| 3/10E | 330,803 | 65,646 | 67.1 | 12.2 | 13.0 | 4.0 | 33.9 | 42.5 | 2.2 | 8.5 |

* 1:1 bonus in FY07, accordingly ratios are adjusted
\& We expect TCSto report 4.4\% QoQ growth, with dollar revenue growth of 3.5\% QoQ during 4QFY08. Two of TCS' top 15 clients in the BFSI vertical have delayed their projects to the next quarter indicating muted growth.
$\approx$ EBIDTA margins are expected to remain flat at $26.7 \%$ QoQ.
* We expect net profit to grow slower at $2.0 \%$ QoQ to Rs13.6b in 4QFY08 due to muted revenue growth.
\& Though TCS' BFSI clients have not lowered respective budgets and have post poned it, the message is clear that IT spend is slowing down and impacting revenue and earnings growth in FY09 versus FY08. Also, we expect pressure on margins in the backdrop of flat pricing and moderate wage hikes.
\& The stock is trading at $16.7 x$ FY08E and 14.6x FY09E earnings estimates. We maintain Buy.
\& Key issues: US and IT spend slowdown, abnormal rupee appreciation.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07* |  |  |  | FY08* |  |  |  | FY07* | FY08E* |
|  | 10 | 2 O | 30 | 4 Q | 10 | 2 O | 30 | 4QE |  |  |
| Revenues | 41,443 | 44,822 | 48,605 | 51,464 | 52,029 | 56,398 | 59,241 | 61,853 | 186,334 | 229,521 |
| Q-o-Q Change (\%) | 11.3 | 8.2 | 8.4 | 5.9 | 1.1 | 8.4 | 5.0 | 4.4 | 40.6 | 23.2 |
| Direct Expenses | 22,989 | 23,880 | 26,294 | 27,177 | 28,221 | 30,152 | 31,384 | 33,095 | 100,339 | 122,853 |
| Sales, General \& Admin. Expenses | 8,327 | 8,648 | 8,559 | 9,720 | 10,543 | 11,426 | 12,068 | 12,231 | 35,253 | 46,268 |
| Operating Profit | 10,128 | 12,294 | 13,753 | 14,568 | 13,265 | 14,820 | 15,789 | 16,526 | 50,742 | 60,400 |
| Margins (\%) | 24.4 | 27.4 | 28.3 | 28.3 | 25.5 | 26.3 | 26.7 | 26.7 | 27.2 | 26.3 |
| Other Income | 668 | 77 | 300 | 235 | 1,516 | 1,105 | 1,048 | 900 | 1,280 | 4,569 |
| Depreciation | 863 | 958 | 1,080 | 1,395 | 1,265 | 1,381 | 1,475 | 1,515 | 4,296 | 5,637 |
| PBT bef. Extra-ordinary | 9,932 | 11,414 | 12,973 | 13,408 | 13,516 | 14,543 | 15,362 | 15,911 | 47,726 | 59,332 |
| Provision for Tax | 1,238 | 1,447 | 1,828 | 2,056 | 1,816 | 2,037 | 1,947 | 2,228 | 6,568 | 8,027 |
| Rate (\%) | 12.5 | 12.7 | 14.1 | 15.3 | 13.4 | 14.0 | 12.7 | 14.0 | 13.8 | 13.5 |
| Minority Interest | 69 | 52 | 98 | 155 | 138 | 38 | 107 | 113 | 373 | 395 |
| Net Income bef. Extra-ordinary | 8,626 | 9,915 | 11,047 | 11,198 | 11,563 | 12,469 | 13,308 | 13,571 | 40,786 | 50,911 |
| Q-o-Q Change (\%) | 8.5 | 14.9 | 11.4 | 1.4 | 3.3 | 7.8 | 6.7 | 2.0 | 39.6 | 24.8 |
| PAT aft Extra-ordinary | 8,626 | 9,915 | 11,047 | 11,728 | 11,856 | 12,469 | 13,308 | 13,571 | 41,316 | 50,911 |

E: MOSt Estimates; * Consolidated numbers that include Tata Infotech

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 16,371 <br> TECHM IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 4,942 | TEML.BO |
| Equity Shares (m) | 121.3 |
| 52-Week Range (Rs) | $1,687 / 615$ |
| 1,6,12 Rel. Perf. (\%) | $13 /-40 /-76$ |
| M.Cap. (Rs b) | 87.7 |
| M.Cap. (US\$ b) | 2.2 |

28 March 2008

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | $\frac{\mathrm{Rs} 723}{\substack{\text { EV/ } \\ \text { EBITDA }}}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS* } \\ & \text { (RSS) } \end{aligned}$ | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{aligned} & \mathrm{P} / \mathrm{E} \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | $\begin{gathered} \text { ROE } \\ (\%) \end{gathered}$ | ROCE <br> (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ |  |
| 3/07A | 29,290 | 6,124 | 46.4 | 105.2 | 15.6 | 9.5 | 66.2 | 65.2 | 2.9 | 11.7 |
| 3/08E | 37,611 | 7,584 | 57.5 | 23.8 | 12.6 | 5.5 | 44.8 | 45.1 | 2.2 | 10.1 |
| 3/09E | 48,403 | 9,160 | 69.5 | 20.8 | 10.4 | 3.6 | 35.1 | 35.1 | 1.7 | 7.8 |
| 3/10E | 61,220 | 10,278 | 77.9 | 12.2 | 9.3 | 2.3 | 38.1 | 38.1 | 2.3 | 5.5 |

*EPS is diluted

* We expect Tech Mahindra to report 4.8\% QoQ revenue growth in 4QFY08 versus growth of $8.1 \%$ QoQ in 3QFY08.
* We expect EBITDA margins to improve by 75 bp during the quarter on the back of better revenue realisation.
$\approx$ Net profit margin is expected to be flat and grow $4.1 \% \mathrm{QoQ}$ due to marginal appreciation impact of the GBP in the quarter.
\& The stock trades at 12.6 x FY08E and 10.4 x FY09E consolidated (diluted) earnings estimates. We believe that valuations are attractive at current levels and are reviewing a rating upgrade. Maintain Neutral.
\& Key issues: BT deal ramp up, abnormal currency appreciation, margins.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 10 | 20 | 30 | 4 QE |  |  |
| Revenues | 5,871 | 6,976 | 7,698 | 8,745 | 8,763 | 8,976 | 9,704 | 10,168 | 29,290 | 37,611 |
| Q-o-Q Change (\%) | 39.4 | 18.8 | 10.3 | 13.6 | 0.2 | 2.4 | 8.1 | 4.8 | 135.7 | 28.4 |
| Direct Cost | 3,724 | 4,149 | 4,527 | 5,135 | 5,492 | 5,658 | 6,144 | 6,355 | 17,535 | 23,648 |
| Other Operating Exps | 840 | 1,058 | 1,098 | 1,392 | 1,338 | 1,346 | 1,431 | 1,505 | 4,388 | 5,620 |
| Operating Profit | 1,307 | 1,769 | 2,073 | 2,218 | 1,934 | 1,972 | 2,129 | 2,308 | 7,367 | 8,343 |
| Margins (\%) | 22.3 | 25.4 | 26.9 | 25.4 | 22.1 | 22 | 22 | 23 | 25.2 | 22.2 |
| Other Income | 11 | -57 | -32 | 154 | 131 | 249 | 300 | 275 | 76 | 955 |
| Interest | 0 | 0 | 12 | 49 | 15 | 26 | 16 | 18 | 61 | 75 |
| Depreciation | 108 | 113 | 137 | 158 | 168 | 193 | 206 | 219 | 516 | 786 |
| PBT bef. Extra-ordinary | 1,210 | 1,599 | 1,892 | 2,165 | 1,882 | 2,002 | 2,207 | 2,347 | 6,866 | 8,437 |
| Provision for Tax | 144 | 169 | 224 | 204 | 183 | 187 | 213 | 270 | 741 | 853 |
| Rate (\%) | 11.9 | 10.6 | 11.8 | 9.4 | 9.7 | 9.3 | 9.7 | 11.5 | 10.8 | 10.1 |
| Net Income bef. Extra-ordinary | 1,066 | 1,430 | 1,668 | 1,960 | 1,696 | 1,815 | 1,994 | 2,077 | 6,122 | 7,584 |
| Q-o-Q Change (\%) | 19.7 | 34.2 | 16.6 | 17.5 | -13.5 | 7.0 | 9.9 | 4.1 | 160.1 | 23.9 |

E: MOSt Estimates; does not include BT deal

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | WPRO IN |
| REUTERS CODE |  |
| S\&P CNX: 4,942 WIPR.BO |  |
| Equity Shares (m) | $1,459.5$ |
| 52-Week Range | $600 / 325$ |
| 1,6,12 Rel.Perf.(\%) | $10 / 4 /-46$ |
| M.Cap. (Rs b) | 662.6 |
| M.Cap. (US\$ b) | 16.6 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs454 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR | net sales | PAT* | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | Ev/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 3/07A | 149,431 | 28,447 | 19.7 | 38.8 | 23.0 | 6.5 | 32.4 | 36.0 | 4.1 | 17.9 |
| 3/08E | 198,442 | 32,630 | 22.4 | 13.3 | 20.3 | 5.4 | 29.2 | 32.1 | 3.2 | 15.8 |
| 3/09E | 247,108 | 37,263 | 25.5 | 14.2 | 17.8 | 4.6 | 27.8 | 31.8 | 2.5 | 13.1 |
| 3/10E | 308,781 | 43,494 | 29.6 | 15.9 | 15.4 | 3.7 | 26.9 | 33.9 | 2.1 | 11.0 |

* Reflects adjusted PAT
\& We expect Wipro to report growth of $6.1 \%$ in global IT business in rupee terms, with underlying dollar growth of 5.4\% QoQ.
\& Consolidated EBITDA margins are expected to marginally improve by 50bp QoQ.
\& We expect consolidated net profit to grow by $10.7 \%$ QoQ in the quarter.
es At CMP the stock is trading at 20.3x FY08E and 17.8x FY09E, We maintain Buy.
\& Key issues: US and IT spend slowdown, abnormal rupee appreciation.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 10 | 2 Q | 30 | 4QE |  |  |
| Global IT Services incl Spectramind | 24,513 | 27,179 | 28,873 | 30,357 | 30,030 | 32,285 | 35,973 | 38,181 | 110,922 | 136,469 |
| Other Businesses | 6,800 | 7,959 | 10,763 | 12,988 | 11,802 | 14,996 | 16,388 | 18,787 | 38,510 | 61,973 |
| Revenues | 31,312 | 35,138 | 39,636 | 43,345 | 41,832 | 47,281 | 52,361 | 56,968 | 149,431 | 198,442 |
| Q-o-Q Change (\%) - Global IT | 7.1 | 10.9 | 6.2 | 5.1 | -1.1 | 7.5 | 11.4 | 6.1 | 37.4 | 23.0 |
| Total Expenses | 23,849 | 26,896 | 30,691 | 33,896 | 32,925 | 37,801 | 42,318 | 45,750 | 115,333 | 158,794 |
| EBITDA | 7,463 | 8,242 | 8,945 | 9,449 | 8,907 | 9,480 | 10,043 | 11,218 | 34,098 | 39,648 |
| Margins (\%) | 23.8 | 23.5 | 22.6 | 21.8 | 21.3 | 20.1 | 19.2 | 19.7 | 22.8 | 20.0 |
| Depreciation | 941 | 1,058 | 1,096 | 1,105 | 1,270 | 1,320 | 1,503 | 1,631 | 4,199 | 5,724 |
| EBIT | 6,522 | 7,184 | 7,849 | 8,344 | 7,637 | 8,160 | 8,540 | 9,587 | 29,899 | 33,924 |
| Margins (\%) | 20.8 | 20.4 | 19.8 | 19.2 | 18.3 | 17.3 | 16.3 | 16.8 | 20.0 | 17.1 |
| Other Income | 512 | 756 | 559 | 827 | 220 | 745 | 814 | 817 | 2,653 | 2,596 |
| PBT | 7,033 | 7,939 | 8,408 | 9,170 | 7,857 | 8,905 | 9,354 | 10,404 | 32,551 | 36,520 |
| Provision for Tax | 979 | 1,068 | 1,080 | 1,296 | 839 | 865 | 1,074 | 1,300 | 4,423 | 4,078 |
| Rate (\%) | 13.9 | 13.5 | 12.8 | 14.1 | 10.7 | 9.7 | 11.5 | 12.5 | 13.6 | 11.2 |
| Net Income before EO* | 6,120 | 6,963 | 7,450 | 7,914 | 7,105 | 8,121 | 8,261 | 9,148 | 28,447 | 32,635 |
| Q-o-Q Change (\%) | 2.4 | 13.8 | 7.0 | 6.2 | -10.2 | 14.3 | 1.7 | 10.7 | 40.3 | 14.7 |

E: MOSt Estimates; * includes Infocrossing

# Infrastructure 



| EXPECTED QUARTERLY Performance summary |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) |
| Infrastructure |  |  |  |  |  |  |  |
| B.L.Kashyap | Neutral | 4,314 | 81.7 | 551 | 75.0 | 347 | 80.8 |
| Gammon India | Neutral | 7,277 | 17.2 | 585 | 8.2 | 261 | -29.0 |
| GMR Infrastructure | Neutral | 5,093 | -17.8 | 2,223 | 61.1 | 670 | 261.6 |
| Hindustan Construction | Buy | 10,923 | 28.9 | 1,250 | 42.5 | 385 | 140.7 |
| IVRCL Infra. | Buy | 10,930 | 10.1 | 1,253 | 16.8 | 753 | 2.8 |
| Jaiprakash Associates | Buy | 9,477 | 7.0 | 2,303 | -12.4 | 1,017 | -22.4 |
| Nagarjuna Construction | Neutral | 11,894 | 37.0 | 1,155 | 58.8 | 565 | 66.7 |
| Patel Engg. | Buy | 4,664 | 17.7 | 536 | 17.5 | 346 | 1.8 |
| Simplex Infra. | Buy | 8,461 | 46.6 | 952 | 158.5 | 446 | 135.4 |
| Sector Aggregate |  | 73,033 | 20.8 | 10,807 | 29.2 | 4,789 | 25.5 |



Comfortable order backlog position
The order book for the construction companies under our coverage as of December 2007 was up $24.3 \%$ YoY, indicating moderation in terms of project award. The order intake during FY07 witnessed a mere $15 \%$ YoY growth as against $142 \%$ YoY increase during FY05 and $69 \%$ YoY increase during FY06. Growth during FY05 and FY06 was driven by increased spending by NHAI and Andhra Pradesh government on irrigation projects.

| TREND IN BOOK TO BILL RATIO (X) | FY04 | FY05 | FY06 | FY07 | DEC-07* |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | 2.7 | 4.3 | 3.8 | 4.1 | 3.1 |
| Gammon | 3.8 | 3.6 | 4.9 | 3.9 | 2.9 |
| Hind. Const. | 2.1 | 3.7 | 4.1 | 3.0 | 3.2 |
| IVRCL | 2.0 | 3.0 | 2.9 | 2.5 | 2.9 |
| Nagarjuna Const | 5.5 | 4.5 | 3.4 | 3.0 | 3.3 |
| Simplex Projects | 4.6 | 5.2 | 4.9 | 4.6 | 3.3 |
| Patel Engineering | Source: Motilal Oswal Securities |  |  |  |  |



Source: Companies

We expect order intake for construction companies to accelerate in FY09, driven by increased project award from the NHDP program, increased allocation towards irrigation, power projects (through private participation), railways, real estate construction, metal and minerals, industrial capex, etc.

## EBITDA margin expansion - a challenge

Since FY06, construction companies have witnessed significant EBITDA margin expansion, driven by favorable demand-supply scenario and several projects entering into the revenue recognition stage. Going forward, companies have guided stable to marginal improvement in EBITDA margins. The key challenges are increased staff cost and higher commodity prices. Most construction companies have fixed price contacts ( $5 \%-20 \%$ of the order backlog), where margins could get impacted due to higher commodity prices. These contracts are either the in-house BOT projects or international contracts.

| TREND IN EBITDA (\%) |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | MAR-06 | JUN-06 | SEP-06 | DEC-06 | MAR-07 | JUN-07 | SEP-07 | DEC-07 | MAR-08 |
| Gammon | 7.4 | 7.6 | 8.6 | 11.2 | 10.9 | 8.9 | 8.8 | 9.0 | 8.0 |
| Hindustan Construction | 8.8 | 8.0 | 9.4 | 10.9 | 9.1 | 10.8 | 11.0 | 12.9 | 11.4 |
| IVRCL | 9.4 | 9.5 | 8.5 | 10.7 | 10.8 | 8.9 | 8.0 | 11.1 | 11.5 |
| Larsen and Toubro | 13.2 | 9.2 | 8.9 | 11.8 | 14.9 | 10.2 | 11.6 | 11.7 | 16.1 |
| Nagarjuna Construction | 8.3 | 8.4 | 9.5 | 11.5 | 8.4 | 10.4 | 11.6 | 11.7 | 9.4 |
| Patel Engineering | 8.9 | 11.0 | 15.5 | 19.2 | 11.5 | 10.9 | 17.8 | 17.9 | 11.5 |
| Simplex Infrastructure | 9.2 | 9.3 | 9.6 | 11.4 | 7.3 | 10.8 | 11.1 | 10.6 | 11.4 |

## Value unlocking process: will it get delayed?

In FY08, several companies have unlocked value through fund raising in subsidiaries/ associate companies in BOT, real estate, etc. Given the current volatile capital markets, we believe that fund raising plans for several companies and also for public-private projects could get delayed. This has impacted business momentum and also valuations.

| VALUE UNLOCKING DURING FY08 |  |  |  |  |  |  |
| :--- | :--- | :--- | :---: | :---: | :---: | :---: |
| COMPANY | SUBSIDIARY | MODE | \% STAKE | AMOUNT | VALUATION | RESIDUAL |
|  |  |  | OFFERED | (RS B) | (RS B) |  |

## Plans for value unlocking, which could possibly get delayed

\& Lavasa Corp ( $63 \%$ subsidiary of HCC) has successfully completed the launch of Phase-1 at Lavasa, which comprises 300 units at an average realization of Rs $2,950 /$ sft . The company is contemplating private equity funding, and media reports indicate that it is in talks with various strategic and financial partners.

* L\&T has stated that IPO plans for L\&T Infotech ( $100 \%$ subsidiary) have been delayed; it had earlier intended to bring out the IPO in CY08.
* Patel Engineering has a land bank of 1,000 acres, spread across Hyderabad, Mumbai, Bangalore and Maharashtra (Karjat, Panvel, etc) and development rights for the properties have been transferred to Patel Realty India ( $100 \%$ subsidiary). The company is looking for funding at the SPV level for certain projects.
* Nagarjuna Construction has consolidated its real estate initiatives under NCC Urban Infrastructure ( $80 \%$ subsidiary) and has a land bank of 530 acres, of which 267 acres is being developed currently (development area of 13.4 m sft ). It also has a BOT subsidiary, NCC Infrastructure Projects Limited, with a portfolio of seven BOT projects (including Machillipatnam Sea Port Project). The company has fund raising plans in both the subsidiaries over the next two years, through either an IPO or PE.


## Factors to watch out for

* Uncertain capital markets could impact business momentum for infrastructure companies: Accelerated investments through public private partnerships (PPPs) for physical infrastructure require vibrant capital markets, which encourage value unlocking for existing assets and enable easy financing of new projects. The current volatility in capital markets could result in postponement of investments by potential investors. This would delay plans for several companies in segments like BOT, real estate, etc. Also, companies in the construction space need to augment their net worth periodically to bid for large projects, and thus require robust capital markets.
* Run-up to central elections could lead to political uncertainty: During FY09, in the run-up towards central elections, several project awards could get delayed. Also, elections result in uncertainty, as new governments tend to re-look at the existing regulatory framework, ongoing projects, etc; thus leading to delays in project awards.
\& Continued higher interest rates: Falling interest rates can create additional incentive for the private players, by improving returns in PPP projects. At the same time, this also helps on the demand side, as more projects become financially viable, improving the demand scenario for construction companies. Continued high interest rates could potentially postpone some projects.
\& EBITDA margin expansion - a challenge: Since FY06, construction companies have witnessed significant improvement in EBITDA margins, driven by favorable demand-supply scenario. Going forward, key challenges are increased staff cost and higher commodity prices. Most construction companies have fixed price contacts (5$20 \%$ of order backlog), where margins could get impacted due to higher input cost.


## 11th plan target: US\$494b investment in infrastructure

In a report published by Planning Commission in October 2007, the investment in infrastructure is envisaged at US\$494b, representing $7.53 \%$ of GDP (v/s $5.63 \%$ of GDP under the 10 th plan). The key sectors witnessing major allocation are power, roads, telecom, railways, irrigation and water supply, and sanitation projects. This, we believe, offers significant opportunity for construction companies.

| SECTOR-WISE PROJ ECTIONS OF INVESTMENT DURING THE ELEVENTH PLAN |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| SECTOR | $2007-08$ | $2008-09$ | $2009-10$ | $2010-11$ | $2011-12$ | TOTAL | 10TH PLAN |
| Electricity | 742 | 928 | $1,16,541$ | $1,46,914$ | 1,860 | 6,165 | 2,919 |
| Roads | 514 | 543 | 587 | 679 | 795 | 3,118 | 1,449 |
| Telecom | 331 | 398 | 503 | 634 | 804 | 2,670 | 921 |
| Railways | 332 | 400 | 486 | 597 | 765 | 2,580 | 1,197 |
| Irigation | 270 | 338 | 426 | 539 | 657 | 2,231 | 648 |
| Water Supply and Sanitation | 258 | 311 | 379 | 466 | 578 | 1,991 | 41 |
| Ports | 97 | 117 | 143 | 174 | 208 | 739 | 68 |
| Airports | 62 | 65 | 68 | 73 | 80 | 347 | 48 |
| Storage | 38 | 41 | 44 | 48 | 52 | 224 | 87 |
| Gas | 30 | 35 | 40 | 47 | 54 | 205 | 1,115 |
| Total Investment | $\mathbf{2 , 6 7 4}$ | $\mathbf{3 , 1 7 6}$ | $\mathbf{2 , 6 7 7}$ | $\mathbf{3 , 2 5 7}$ | $\mathbf{5 , 8 5 3}$ | $\mathbf{2 0 , 2 7 2}$ | $\mathbf{8 , 4 9 2}$ |
| Total (US \$ billion) | 65 | $\mathbf{7 7}$ | 94 | 115 | 143 | 494 | 212 |
| Investment as \% of GDP | $\mathbf{6 . 0}$ | $\mathbf{6 . 5}$ | $\mathbf{7 . 2}$ | $\mathbf{8 . 1}$ | $\mathbf{9 . 2}$ | $\mathbf{7 . 3}$ | $\mathbf{5 . 6}$ |
| GCF in infrastructure | $\mathbf{2 , 0 6 3}$ | $\mathbf{2 , 5 8 6}$ | $\mathbf{3 , 1 8 6}$ | 3,874 | $\mathbf{4 , 6 5 9}$ | $\mathbf{5 , 7 1 3}$ |  |
| GCF in infra. as a \% of GDP | $\mathbf{5 . 0}$ | $\mathbf{5 . 8}$ | $\mathbf{6 . 5}$ | $\mathbf{7 . 3}$ | $\mathbf{8 . 0}$ | $\mathbf{9 . 0}$ |  |

A large part of this funding arrangement would be met by the central government (Rs8t), though the share of private sector in the overall funding has increased to $29.7 \%$ under the 11th plan $\mathrm{v} / \mathrm{s} 16.7 \%$ under the 10th plan. This indicates that increasing number of projects would be awarded on PPP basis and project awards would be faster.

| SECTOR-WISE PUBLIC AND PRIVATE INVESTMENT DURING 11TH PLAN (RS B) |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 10TH PLAN |  |  |  | 11TH PLAN |  |  |
|  | PRIVATE | PUBLIC | \% PRIVATE | PRIVATE | CENTRAL | STATE | \% PRIVATE |
| Electricity | 918 | 2,000 | 31.5 | 1,625 | 2,183 | 2,357 | 26.4 |
| Roads | 70 | 1,379 | 4.8 | 1,125 | 1,131 | 862 | 36.1 |
| Telecom | 330 | 590 | 35.9 | 1,777 | 893 | - | 66.5 |
| Railways | 3 | 1,194 | 0.3 | 505 | 1,975 | 100 | 19.6 |
| Water Supply and Sanitation | 10 | 638 | 1.6 | 54 | 1,137 | 800 | 2.7 |
| Ports | 19 | 22 | 46.7 | 545 | 158 | 36 | 73.7 |
| Airports | 29 | 38 | 43.4 | 212 | 135 | 1 | 60.9 |
| Storage | 34 | 14 | 70.1 | 112 | 45 | 67 | 50.0 |
| Gas | - | 87 | - | 65 | 140 | - | 31.8 |
| Irrigation | - | $\mathbf{1 , 1 1 5}$ | - | - | $\mathbf{2 4 7}$ | $\mathbf{1 , 9 8 4}$ | - |
| Total | $\mathbf{- 1 , 4 1 4}$ | $\mathbf{7 , 0 7 8}$ | $\mathbf{1 6 . 7}$ | $\mathbf{6 , 0 2 0}$ | $\mathbf{8 , 0 4 4}$ | $\mathbf{6 , 2 0 8}$ | $\mathbf{2 9 . 7}$ |

## We remain positive on the sector

We remain positive on the construction sector, given the strong revenue visibility, growth opportunity in the target markets, possible value unlocking opportunity, and recent price corrections.

Stock performance and valuations

|  | ABSOLUTE PERF |  | REL PERF TO SENSEX |  | REL PERF TO SECTOR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 M | 1 YEAR | 3 M | 1 YEAR | 3 M | 1 YEAR |
| Infrastructure |  |  |  |  |  |  |
| Gammon India | -32 | 33 | -13 | 6 | 5 | -77 |
| GMR Infrastructure | -37 | 120 | -18 | 93 | -1 | 10 |
| B.L.Kashyap | -12 | 187 | 7 | 160 | 25 | 77 |
| Hindustan Construction | -37 | 54 | -18 | 27 | 0 | -56 |
| IVRCL | -22 | 42 | -3 | 15 | 14 | -68 |
| Jaiprakash Associates | -43 | 127 | -24 | 100 | -7 | 17 |
| Nagarjuna Construction | -37 | 39 | -18 | 12 | -1 | -71 |
| Simplex Infra. | -8 | 66 | 11 | 38 | 29 | -45 |
| Patel Engg. | -33 | 84 | -14 | 57 | 4 | -26 |


RELATIVE PERFORMANCE - 1 YEAR (\%)


Comparative valu ation

| $28$ | CMP (RS) <br> 03.08 | RECO | EPS (RS) |  |  | P/E (X) |  |  | EV/EBITDA |  |  | ROE (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | FY08E | FY09E | FY10E | FY08E | FY09E | FY10E | FY08E | FY09E | FY 10E | FY08E | FY09E | FY10E |
| Infrastructure |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B.L.Kashyap | 1,644 | Neutral | 55.9 | 75.5 | 107.8 | 29.4 | 21.8 | 15.2 | 21.9 | 14.7 | 10.9 | 33.5 | 33.7 | 35.4 |
| Gammon India | 400 | Neutral | 10.3 | 14.1 | 19.4 | 38.0 | 27.6 | 20.2 | 18.7 | 14.4 | 11.1 | 7.4 | 9.3 | 11.3 |
| GMR Infrastructure | 156 | Neutral | 1.2 | 2.2 | 2.0 | 125.4 | 71.2 | 80.0 | 45.8 | 24.8 | 14.8 | 3.7 | 6.2 | 5.3 |
| Hindustan Construction | 139 | Buy | 2.9 | 4.5 | 7.6 | 48.2 | 30.9 | 18.3 | 14.9 | 11.5 | 8.5 | 6.8 | 8.4 | 13.0 |
| IVRCL Infra. | 406 | Buy | 16.2 | 21.2 | 29.4 | 25.1 | 19.2 | 13.8 | 16.6 | 12.0 | 8.5 | 14.5 | 17.0 | 20.2 |
| Jaiprakash Associates | 240 | Buy | 4.0 | 5.7 | 7.1 | 59.5 | 42.2 | 33.7 | 36.2 | 24.2 | 18.5 | 11.6 | 11.7 | 13.3 |
| Nagarjuna Construction | 220 | Neutral | 7.4 | 10.9 | 14.0 | 29.8 | 20.1 | 15.8 | 16.9 | 14.1 | 12.0 | 12.4 | 11.2 | 12.2 |
| Patel Engg. | 623 | Buy | 23.3 | 22.4 | 28.0 | 24.9 | 25.9 | 20.7 | 22.3 | 18.2 | 14.8 | 17.5 | 14.7 | 16.1 |
| Simplex Infra. | 596 | Buy | 19.1 | 40.3 | 60.0 | 31.1 | 14.8 | 9.9 | 13.4 | 8.6 | 6.2 | 13.2 | 18.5 | 22.0 |
| Sector Aggregate |  |  |  |  |  | 53.9 | 37.1 | 29.2 | 27.7 | 18.8 | 13.4 | 9.1 | 10.9 | 12.5 |

# BL Kashyap 

| STOCK INFO. BLOOMBERG <br> BSE Sensex: 16,371 KASH IN <br> REUTERS CODE  |
| :--- | ---: |
| S\&P CNX: 4,942 BLKS.BO <br> Equity Shares (m) 20.5 <br> 52-Week Range $2,300 / 540$ <br> 1,6,12 Rel. Perf. (\%) $10 / 41 / 160$ <br> M.Cap. (Rs b) 33.8 <br> M.Cap. (US\$ b) 0.8 |


| 28 March 2008 |  |  |  |  |  |  |  |  | Neutral <br> Rs1,644 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  |  |
| Year | net sales | PAT | EPS | Eps Gr. | P/E | PBVV | RoE | Roce | Ev/ | Ev/ |
| END | (RS M) | (RS M) | (RS) | (\%) | (X) | ( X ) | (\%) | (\%) | Sales | EBIT |
| 3/07A | 8,080 | 556 | 27.1 | 102.5 | 60.7 | 5.8 | 21.0 | 27.5 | 4.1 | 35.6 |
| 3/08E | 15,120 | 1,148 | 55.9 | 106.4 | 29.4 | 4.3 | 33.5 | 38.0 | 2.2 | 18.5 |
| 3/09E | 23,490 | 1,552 | 75.5 | 35.2 | 21.8 | 3.2 | 33.7 | 37.8 | 1.4 | 12.1 |
| 3/10E | 32,886 | 2,215 | 107.8 | 42.7 | 15.3 | 2.3 | 35.4 | 41.3 | 1.0 | 8.5 |

\& We expect BL Kashyap to report revenues of Rs4.3b for 4QFY08, up 81.7\% YoY, EBITDA of Rs551m, up 75\% YoY, and net profit of Rs347m, up $80.8 \%$ YoY.
\& The company's order book stood at Rs31b as of December 2007 (2.1x FY08E sales) and it bagged orders worth Rs11b during 4QFY08. The order book is to be executed over a period of 12-18 months, ensuring strong near-term growth.
\& The company has taken several initiatives to further leverage its execution skills, including formation of a whollyowned subsidiary - Soulspace Projects - for undertaking joint or co-development of real estate projects. It is currently executing three projects, of which two are in Pune and one is in Bikaner.
\& We expect BL Kashyap to report a net profit CAGR of $47.5 \%$ over FY08-10. The stock trades at a P/E of 21.8 x FY08E and 15.3x FY09E.

* We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4 Q | 1Q | 2 Q | 30 | 4QE |  |  |
| Sales | 1,639 | 1,707 | 2,362 | 2,373 | 3,025 | 3,723 | 4,058 | 4,314 | 8,080 | 15,120 |
| Change (\%) | - | - | 119.3 | 57.2 | 84.6 | 118.1 | 71.8 | 81.7 | 73.6 | 87.1 |
| EBITDA | 177 | 182 | 250 | 315 | 352 | 440 | 474 | 551 | 924 | 1,816 |
| Change (\%) | - | - | 156.2 | 100.4 | 98.4 | 141.6 | 89.8 | 75.0 | 94.2 | 96.6 |
| As of \% Sales | 10.8 | 10.7 | 10.6 | 13.3 | 11.6 | 11.8 | 11.7 | 12.8 | 11.4 | 12.0 |
| Depreciation | 23 | 24 | 26 | 27 | 31 | 38 | 42 | 53 | 99 | 163 |
| Interest | 7 | 12 | 12 | 19 | 34 | 35 | 42 | 20 | 50 | 131 |
| Other Income | 9 | 16 | 23 | 33 | 102 | 46 | 32 | 38 | 80 | 218 |
| PBT | 156 | 162 | 234 | 302 | 389 | 413 | 421 | 516 | 854 | 1,740 |
| Tax | 52 | 56 | 80 | 110 | 112 | 142 | 169 | 169 | 298 | 591 |
| Effective Tax Rate (\%) | 33.4 | 34.3 | 34.3 | 36.4 | 28.7 | 34.4 | 40.1 | 32.7 | 34.9 | 34.0 |
| Reported PAT | 104 | 106 | 154 | 192 | 278 | 271 | 252 | 347 | 556 | 1,148 |
| Adj PAT | 104 | 106 | 154 | 192 | 278 | 271 | 252 | 347 | 556 | 1,148 |
| Change (\%) | - | - | 185.5 | 106.0 | 167.4 | 154.9 | 63.9 | 80.8 | 102.5 | 106.4 |


| STOCK INFO. <br> BSE Sensex: | BLOOMBERG <br> GMON IN |  |
| :--- | ---: | :---: |
| S\&P CNX: 4,942 | REUTERS CODE <br> GAMM.BO |  |
| Equity Shares (m) | 86.7 |  |
| 52-Week Range | $845 / 280$ |  |
| 1,6,12 Rel. Perf. (\%) | $-13 /-9 / 6$ |  |
| M.Cap. (Rs b) | 34.7 |  |
| M.Cap. (US\$ b) | 0.9 |  |

28 March 2008

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | $\frac{\mathrm{Rs} 400}{\substack{\text { EV/ } \\ \text { EBITDA }}}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| YEAR END | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | EPS GR. <br> (\%) | $\begin{aligned} & \mathrm{P} / \mathrm{E} \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | $\begin{aligned} & \text { ROE } \\ & (\%) \end{aligned}$ | ROCE <br> (\%) | $\begin{gathered} \text { EVI } \\ \text { SALES } \end{gathered}$ |  |
| 3/07A | 18,647 | 957 | 10.8 | 12.5 | 36.9 | 3.1 | 8.3 | 11.6 | 2.0 | 20.2 |
| 3/08E | 22,526 | 910 | 10.3 | -4.9 | 38.8 | 2.9 | 7.4 | 9.6 | 1.7 | 19.1 |
| 3/09E | 30,634 | 1,251 | 14.1 | 37.6 | 28.2 | 2.6 | 9.3 | 11.8 | 1.3 | 14.6 |
| 3/10E | 39,644 | 1,714 | 19.4 | 36.9 | 20.6 | 2.3 | 11.3 | 14.1 | 1.1 | 11.3 |

\& For 4QFY08, we expect Gammon to report revenues of Rs 7.3 b , up $17.2 \%$ YoY, EBITDA of Rs585m, up $8.2 \%$ YoY, and net profit of Rs261m, down $29 \%$ YoY.
\& Gammon Infrastructure Project Limited (GIPL), a $76.15 \%$ subsidiary, has successfully completed its IPO, by offering 16.5 m shares at Rs167/share, raising Rs2.7b. At the issue price of Rs167/share, GIPL has been valued at Rs 24 b . Post issue, the holding structure would be: Gammon India - 76.15\%, Och Ziff - 7.9\%, Promoters $-4.4 \%$, and Public - 11.5\%.
\& GIPL currently has a portfolio of 15 BOT projects, comprising of 6 road and bridge projects, 2 port projects, 4 O\&M projects (own BOT road), and 3 power projects. Besides, the company has been declared L1 bidder or has received LOI for (1) Bedi Port Project in Gujarat, (2) 264 MW hydro power project in Himachal Pradesh and 60MW Tidong Hydro Project, and (3) Adityapur SEZ Project.
\& The company has tied up with Siemens Transportation for design, commissioning and operation of airport-city rail link for a 30 -year period in an expression of interest invited by Delhi Metro Rail Corporation.
\& Order backlog as of December 2007 stood at Rs75b, representing 3.1x FY08E revenue.
\& The stock trades at a reported P/E of 28.2x FY09E and 20.6x FY10E. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 1 Q | 2 Q | 30 | 4QE |  |  |
| Sales | 5,539 | 4,830 | 4,607 | 6,207 | 6,495 | 4,699 | 5,227 | 7,277 | 20,912 | 23,697 |
| Change (\%) | 93.5 | 67.1 | 37.5 | 30.2 | 17.3 | -2.7 | 13.5 | 17.2 | 25.4 | 13.3 |
| EBITDA | 317 | 418 | 515 | 541 | 577 | 412 | 472 | 585 | 1,722 | 2,046 |
| Change (\%) | -6.9 | -6.6 | 6.0 | 53.2 | 82.1 | -1.3 | -8.4 | 8.2 | -10.9 | 18.9 |
| As of \% Sales | 5.7 | 8.6 | 11.2 | 8.7 | 8.9 | 8.8 | 9.0 | 8.0 | 8.2 | 8.6 |
| Depreciation | 83 | 103 | 102 | 91 | 108 | 113 | 114 | 116 | 352 | 452 |
| Interest | 52 | 18 | 53 | 13 | 35 | 38 | 48 | 63 | 136 | 185 |
| Other Income | 3 | 1 | 7 | 118 | 11 | 8 | 0 | 5 | 197 | 23 |
| Extra-ordinary income | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |
| PBT | 211 | 297 | 366 | 556 | 444 | 269 | 309 | 410 | 1,458 | 1,432 |
| Tax | 25 | 36 | 50 | 875 | 159 | 97 | 118 | 149 | 1,030 | 523 |
| Effective Tax Rate (\%) | 11.9 | 12.0 | 13.7 | 157.4 | 35.7 | 36.2 | 38.0 | 36.4 | 70.7 | 36.5 |
| Reported PAT | 186 | 262 | 316 | -319 | 285 | 171 | 192 | 261 | 427 | 910 |
| Adj PAT | 122 | 197 | 242 | 367 | 271 | 171 | 192 | 261 | 946 | 895 |
| Change (\%) | -20.8 | -20.6 | 15.5 | 34.1 | 122.2 | -12.8 | -20.6 | -29.0 | -8.1 | -5.3 |

E: MOSt Estimates; * including sales from JV's

# GMR Infrastructure 

| STOCK INFO. <br> BSE Sensex: 16,371 | BLOOMBERG |
| :---: | :---: |
|  | GMRI IN |
|  | Reuters code |
| S\&P CNX: 4,942 | GMRI.BO |
| Equity Shares (m) | 1,820.7 |
| 52-Week Range | 269/65 |
| 1,6,12 Rel. Perf. (\%) | \%) -3/-5/93 |
| M.Cap. (Rs b) | 284.8 |
| M.Cap. (US\$ b) | 7.1 |


| 28 March 2008 Neutral |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs156 |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | $\begin{gathered} \text { NET SALES* } \\ \text { (RS M) } \end{gathered}$ | $\begin{aligned} & \text { PAT* } \\ & \text { (RS M) } \end{aligned}$ | EPS <br> (RS) | EPS GR. <br> (\%) | $\begin{aligned} & \mathrm{P} / \mathrm{E} \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \mathrm{P} / \mathrm{BV} \\ (\mathrm{X}) \end{gathered}$ | ROE <br> (\%) | ROCE <br> (\%) | EV/ SALES | EV/ EBITDA |
| 3/07A | 16,967 | 1,744 | 1.1 | -8.5 | 148.4 | 13.0 | 8.8 | 6.9 | 16.5 | 51.6 |
| 3/08E | 19,161 | 2,270 | 1.2 | 18.4 | 125.4 | 4.6 | 3.7 | 4.2 | 4.0 | 11.6 |
| 3/09E | 25,894 | 3,997 | 2.2 | 76.0 | 71.2 | 4.4 | 6.2 | 7.2 | 4.4 | 8.3 |
| 3/10E | 42,962 | 3,559 | 2.0 | -10.9 | 80.0 | 4.2 | 5.3 | 9.0 | 3.0 | 5.3 |

* Consolidated
\& GMR Infrastructure has opened the New Hyderabad international airport from 25 March 2008. It has decided to waive off the user development fees to all the passengers for the first three months of operating, amidst resistance from airlines to land at the new airport. In the mean time, it will work out a more acceptable formula for UDF recovery $\mathrm{v} / \mathrm{s}$ postage stamp method of flat charges for all embarking passengers.
\& It is in the process of working out a suitable mechanism to attain the financial closure for the Delhi international airport, given the reservation expressed by the government on accepting security deposit for land monetization, as there is no revenue sharing. It has made proposal to AAI, Ministry of Aviation with a revised proposal to achieve financial closure for the project.
\& GMR Energy Limited, a $100 \%$ subsidiary, has been awarded a coal mine in consortium with other players in dip side of Rampia block, which has estimated reserves of 360 m tons. Also, the Vemagiri Power Plant has been assured a gas supply of $1.12-1.15 \mathrm{~m}$ cubic meter of natural gas per day from GAIL India by the state government. The plant is expected to start operations from January 2008.

8. We expect GMR to report a net profit CAGR of $27 \%$ over FY07-10 on a consolidated basis. We expect its net profit after minority interest to grow from Rs1.7b in FY07 to Rs3.6b in FY10. Neutral.

| QUARTERLY Performance (Consolidated) |  |  |  |  |  |  |  |  | (RS MILLION |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4 Q | 10 | 2 O | 30 | 4QE |  |  |
| Sales | 4,093 | 3,125 | 3,554 | 6,196 | 4,766 | 3,953 | 5,350 | 5,093 | 16,967 | 19,161 |
| Change (\%) | 53.50 | 41.3 | 62.0 | 0.0 | 16.45 | 26.5 | 50.5 | -17.8 |  | 12.9 |
| EBITDA | 1,281 | 1,250 | 1,526 | 1,380 | 1,386 | 1,557 | 1,499 | 2,223 | 5,436 | 6,665 |
| Change (\%) | 10.14 | 9.6 | 39.6 | 0.0 | 8.19 | 24.6 | -1.7 | 61.1 |  | 22.6 |
| As of \% Sales | 31.3 | 40.0 | 42.9 | 22.3 | 29.1 | 39.4 | 28.0 | 43.7 | 32.0 | 34.8 |
| Depreciation | 260 | 268 | 445 | 354 | 406 | 439 | 366 | 675 | 1,345 | 1,886 |
| Interest | 294 | 236 | 376 | 535 | 375 | 359 | 340 | 803 | 1,441 | 1,877 |
| Other Income | 17 | 46 | 121 | -1 | 192 | 117 | 282 | 564 | 183 | 1,154 |
| PBT | 744 | 792 | 826 | 490 | 796 | 875 | 1,076 | 1,309 | 2,833 | 4,056 |
| Tax | 96 | 86 | 139 | 94 | 101 | 157 | 275 | 341 | 215 | 874 |
| Effective Tax Rate (\%) | 12.9 | 10.9 | 16.8 | 19.3 | 12.7 | 17.9 | 25.6 | 26.0 | 7.6 | 21.5 |
| Reported PAT | 648 | 706 | 688 | 395 | 695 | 719 | 800 | 968 | 2,618 | 3,182 |
| Adj PAT (before minority inter.) | 648 | 706 | 688 | 395 | 695 | 719 | 800 | 968 | 2,483 | 3,200 |
| Change (\%) | 146.84 | 199.4 | 43.1 | 0.0 | 7.29 | 1.8 | 16.4 | 145.0 |  | 28.9 |
| Minority Interest | 181 | 170 | 155 | 210 | 231 | 223 | 160 | 299 | 539 | 729 |
| Adj PAT (after minority interest) | t) 467 | 536 | 533 | 185 | 464 | 496 | 641 | 670 | 1,744 | 2,270 |

$\bar{E}$ : MOSt Estimates; Quarterly numbers do not add up to the full year nos as company changed accounting policy for depreciation for GMR Energy from 3QFY07 onwards and adjusted figure for the past numbers are not available. * Adjusted PAT numbers are before minority interest.

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# Hindustan Construction 

| STOCK INFO. |  |
| :--- | ---: |
| BSE Sensex: 16,371 | HCOOMBERG |
| REUTERS CODE |  |
| S\&P CNX: 4,942 | HCNS.BO |
| Equity Shares (m) |  |
| 52-Week Range | 274.3 |
| 1,6,12 Rel. Perf. (\%) | $-8 / 7 / 27$ |
| M.Cap. (Rs b) | 38.1 |
| M.Cap. (US\$ b) | 1.0 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs139 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | Eps | Eps Gr. | PIE | PBV | ROE | Roce | EV/ | Ev/ |
| end | (RS M) | (RS M) | (RS) | (\%) | (x) | (x) | (\%) | (\%) | SALES | EBitda |
| 3/07A | 23,576 | 595 | 2.1 | -35.3 | 65.2 | 3.9 | 6.1 | 6.6 | 2.1 | 22.8 |
| 3/08E | 31,245 | 793 | 2.9 | 35.7 | 48.1 | 2.7 | 6.8 | 10.9 | 1.7 | 14.9 |
| 3/09E | 40,850 | 1,239 | 4.5 | 56.2 | 30.8 | 2.5 | 8.4 | 11.3 | 1.4 | 11.5 |
| 3/10E | 53,650 | 2,086 | 7.6 | 68.4 | 18.3 | 2.3 | 13.0 | 14.3 | 1.0 | 8.5 |

\& For 4 QFY08, we expect HCC to report revenue of Rs10.9b, up $28.9 \%$ YoY, EBITDA of Rs1.2b, and net profit of Rs385m, up $140.7 \%$ YoY.
\& HCC's order backlog at the end of December 2007 was Rs90.5b (2.9x FY08E revenue) and it had L1 projects worth Rs40b. As of December 2007, the share of power sector in order backlog was $33 \%$.
25 Lavasa Corp ( $63 \%$ subsidiary of HCC) has successfully completed the launch of Phase 1 at Lavasa comprising of 300 units at an average realization of Rs2,950/sft+.

* The state cabinet has approved part of the cost escalations (increased cost from changes in project scope and design) of Rs1.6b, v/s claims of Rs2.3b for Bandra-Worli Sea Link. As per the revised timeframe, the project will be completed by December 2008 (4 lanes).
* Construction work on Vikroli IT Park has already commenced (developable area of 1.95 m sft) and it plans to offer offices for fit-out by December 2008 and for occupation by March 2009. The revenue booking from the project would start from 1QFY09.
\& During FY07-09E, we expect HCC to report a revenue CAGR of $32 \%$ and a net profit CAGR of $44.2 \%$. The stock trades at a P/E of 30.8 x FY09E and 18.3x FY10E.
\& We recommend Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 10 | 2 Q | 3 Q | 4QE |  |  |
| Gross Sales | 5,806 | 4,257 | 5,407 | 8,476 | 7,306 | 5,487 | 7,530 | 10,923 | 23,945 | 31,245 |
| Change (\%) | 25.9 | 40.9 | 18.6 | 10.3 | 25.8 | 28.9 | 39.3 | 28.9 | 20.5 | 30.5 |
| EBITDA | 461 | 395 | 664 | 877 | 791 | 602 | 968 | 1,250 | 2,396 | 3,611 |
| Change (\%) | 12.8 | 53.3 | 36.6 | 29.9 | 71.5 | 52.4 | 45.9 | 42.5 | 31.0 | 50.7 |
| As of \% Sales (Adj) | 7.9 | 9.3 | 11.1 | 9.1 | 10.8 | 11.0 | 12.9 | 11.4 | 9.3 | 11.6 |
| Depreciation | 161 | 186 | 206 | 244 | 228 | 226 | 233 | 236 | 797 | 923 |
| Interest | 74 | 158 | 175 | 212 | 322 | 342 | 408 | 420 | 620 | 1,491 |
| Other Income | 62 | 10 | 2 | 125 | 315 | 106 | 54 | -74 | 199 | 401 |
| PBT | 288 | 61 | 284 | 546 | 556 | 140 | 381 | 520 | 1,179 | 1,597 |
| Tax | 36 | 19 | 65 | 266 | 206 | 23 | 130 | 183 | 386 | 543 |
| Effective Tax Rate (\%) | 12.6 | 31.5 | 22.8 | 48.7 | 37.1 | 16.5 | 34.2 | 35.3 | 32.8 | 34.0 |
| Reported PAT | 251 | 42 | 220 | 280 | 350 | 117 | 251 | 337 | 793 | 1,054 |
| Adj PAT | 201 | 42 | 144 | 160 | 150 | 34 | 216 | 385 | 547 | 793 |
| Change (\%) | -11.2 | 45.3 | -36.5 | -62.4 | -25.5 | -19.5 | 50.3 | 140.7 | -33.1 | 45.0 |

E: MOSt Estimates

# IVRCL Infrastructure 

| STOCK INFO. BLOOMBERG <br> BSE Sensex: 16,371 IVRC IN <br>  REUTERS CODE <br> S\&P CNX: 4,942 IVRC.BO |  |
| :--- | ---: |
| Equity Shares (m) | 129.7 |
| 52-Week Range | $575 / 241$ |
| 1,6,12 Rel. Perf. (\%) | $-8 / 2 / 15$ |
| M.Cap. (Rs b) | 52.6 |
| M.Cap. (US\$ b) | 1.3 |


| 28 March 2008 Buy |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs406 |
| YEAR | NET SALES | PAT | EPS | EPS GR. | P/E | P/BV | RoE | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 3/07A | 23,465 | 1,415 | 10.9 | 25.5 | 37.2 | 4.0 | 15.7 | 14.2 | 2.4 | 24.3 |
| 3/08E | 34,336 | 2,043 | 16.2 | 48.2 | 25.1 | 3.5 | 14.5 | 15.7 | 1.7 | 16.6 |
| 3/09E | 48,830 | 2,747 | 21.2 | 31.1 | 19.2 | 3.0 | 17.0 | 18.7 | 1.3 | 12.0 |
| 3/10E | 67,694 | 3,814 | 29.4 | 38.8 | 13.8 | 2.6 | 20.2 | 20.0 | 1.0 | 9.2 |

\& For 4QFY08, we expect IVRCL to report revenues of Rs10.9b, up $10.1 \%$ YoY, and net profit of Rs753m, up 2.8\% YoY, in line with the management guidance for FY 08 .
\& Order backlog stood at Rs 1 10b as at end of December 2007 and it had L1 orders worth Rs7.7b. The current order book represents a book-to-bill ratio of 3.2x FY08E revenues of Rs34.3b.

* The management has guided revenues of Rs34b in FY08 (up $46.3 \%$ YoY) and $40 \%$ growth in revenues in FY09. The company has also guided EBIDT A margin of $10.5 \% \mathrm{v} / \mathrm{s} 9.8 \%$ in FY07.
\& Increasing proportion of relatively higher margin buildings in the order book (up from $12 \%$ in 3 QFY 07 to $21 \%$ in 3QFY08), (2) focused project selection, as enough opportunities are available in market to pick and choose, and (3) lower proportion of fix price contracts to aid EBITDA margin improvement.
\& For FY08-10, we expect IVRCL to report $40.4 \%$ CAGR in revenues and $36.6 \%$ CAGR in net profit. The stock trades at a P/E of 19.2x FY09E and 13.8x FY10E. We recommend Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 30 | 4 Q | 10 | 2 Q | 3 Q | 4QE |  |  |
| Sales | 4,266 | 3,644 | 5,223 | 9,923 | 6,773 | 6,885 | 9,749 | 10,930 | 23,059 | 34,336 |
| Change (\%) | 41.9 | 42.0 | 27.9 | 68.0 | 58.8 | 88.9 | 86.6 | 10.1 | 54.2 | 48.9 |
| EBITDA | 407 | 308 | 556 | 1,073 | 600 | 553 | 1,084 | 1,253 | 2,301 | 3,490 |
| Change (\%) | 73.3 | 46.5 | 61.8 | 92.3 | 47.5 | 79.4 | 94.9 | 16.8 | 71.4 | 51.7 |
| As of \% Sales | 9.5 | 8.5 | 10.7 | 10.8 | 8.9 | 8.0 | 11.1 | 11.5 | 10.0 | 10.2 |
| Depreciation | 38 | 49 | 60 | 69 | 66 | 76 | 87 | 102 | 216 | 331 |
| Interest | 133 | 103 | 98 | 25 | 57 | 76 | 177 | 134 | 308 | 444 |
| Other Income | 17 | 55 | 18 | 2 | 10 | 16 | 8 | 8 | 74 | 42 |
| PBT | 253 | 211 | 416 | 981 | 488 | 416 | 829 | 1,025 | 1,851 | 2,758 |
| Tax | 42 | 56 | 94 | 249 | 108 | 64 | 218 | 272 | 436 | 662 |
| Effective Tax Rate (\%) | 16.6 | 26.5 | 22.7 | 25.4 | 22.2 | 15.3 | 26.3 | 26.5 | 23.6 | 24.0 |
| Reported PAT | 211 | 155 | 321 | 732 | 380 | 353 | 611 | 753 | 1,415 | 2,096 |
| Adj PAT | 261 | 155 | 271 | 732 | 380 | 353 | 558 | 753 | 1,415 | 2,043 |
| Change (\%) | 53.0 | 38.7 | 22.4 | 67.1 | 45.4 | 127.0 | 105.7 | 2.8 | 52.2 | 44.4 |

E: MOSt Estimates
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# Jaiprakash Associates 

| STOCK INFO. | BLOOMBERG |  |
| :--- | ---: | :---: |
| BSE Sensex: 16,371 | JPA IN |  |
|  | REUTERS CODE |  |
| S\&P CNX: 4,942 | JAIA.BO |  |
| Equity Shares (m) | $1,241.8$ |  |
| 52-Week Range | $510 / 101$ |  |
| 1,6,12 Rel. Perf. (\%) | $-3 / 15 / 100$ |  |
| M.Cap. (Rs b) | 298.5 |  |
| M.Cap. (US\$ b) | 7.5 |  |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs240 |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | $\begin{gathered} \text { EPS* } \\ \text { (RS) } \end{gathered}$ | EPS GR.* <br> (\%) | $\begin{gathered} \text { P/E* } \\ \text { (X) } \end{gathered}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | ROE <br> (\%) | ROCE <br> (\%) | $\begin{gathered} \text { EVI } \\ \text { SALES } \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 34,639 | 4,330 | 3.9 | 55.4 | 60.9 | 9.2 | 15.6 | 10.8 | 8.8 | 36.7 |
| 3/08E | 36,367 | 5,017 | 4.0 | 2.3 | 59.5 | 5.2 | 11.6 | 9.8 | 9.1 | 36.2 |
| 3/09E | 54,016 | 7,073 | 5.7 | 41.0 | 42.2 | 4.7 | 11.7 | 11.7 | 6.5 | 24.2 |
| 3/10E | 74,372 | 8,859 | 7.1 | 25.3 | 33.7 | 4.3 | 13.3 | 13.4 | 4.9 | 18.5 |

* Fully Diluted, Excl Real Estate
\& For 4QFY08, we expect Jaiprakash Associates to report revenues of Rs9.5b, up 7\% YoY, and net profit of Rs1b, down $22.4 \%$ YoY.
\& Jaiprakash Associates has completed a private equity deal in Jaypee Infratech (Taj Expressway Project) with ICICI Bank as its partner. ICICI Bank will invest US $\$ 287.5 \mathrm{~m}$ in the SPV, of which Rs 2.5 b is towards $1 \%$ equity stake in SPV and Rs9b is towards debt. The deal values Taj Expressway Project at $\sim \mathrm{US} \$ 6 \mathrm{~b}$ v/s our current valuation of US\$4b.
\& Jaypee Ganga Infrastructure Corporation ( $100 \%$ subsidiary of Jaiprakash Associates) has signed the concession agreement with Uttar Pradesh Expressways Industrial Development Authority (UPEIDA) for the development of Ganga Expressway ( $1,047 \mathrm{~km}$ ) project from Greater Noida to Ballia on 23 March 2008. The company has also submitted a bank guarantee of Rs 15 b for the same.

8. Jaiprakash Associates has already launched Phase 1 of the Taj Expressway development at Noida on the first 600 acres ( 3 m sft) at a price of Rs5,700/sft in November 2007.
\& The stock trades at a P/E of 59.5x FY08E and 42.2x FY09E. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 10 | 2 Q | 30 | 4QE |  |  |
| Sales | 8,950 | 7,700 | 8,910 | 8,860 | 9,270 | 8,620 | 9,000 | 9,477 | 34,420 | 36,367 |
| Change (\%) | 9.5 | 14.6 | 11.8 | 3.6 | 3.6 | 11.9 | 1.0 | 7.0 | 9.6 | 5.7 |
| EBITDA | 2,130 | 1,980 | 2,310 | 2,630 | 2,390 | 2,210 | 2,230 | 2,303 | 9,040 | 9,133 |
| Change (\%) | 37.4 | 42.4 | 38.3 | 70.8 | 12.2 | 11.6 | -3.5 | -12.4 | 46.3 | 1.0 |
| As of \% Sales | 23.8 | 25.7 | 25.9 | 29.7 | 25.8 | 25.6 | 24.8 | 24.3 | 26.3 | 25.1 |
| Depreciation | 380 | 390 | 430 | 420 | 450 | 460 | 510 | 550 | 1,630 | 1,970 |
| Interest | 590 | 620 | 700 | 650 | 790 | 840 | 790 | 743 | 2,570 | 3,163 |
| Other Income | 250 | 380 | 400 | 300 | 780 | 600 | 1,020 | 333 | 1,360 | 2,733 |
| PBT | 1,410 | 1,350 | 1,580 | 1,860 | 1,930 | 1,510 | 1,950 | 1,343 | 6,200 | 6,733 |
| Tax | 490 | 450 | 560 | 550 | 530 | 470 | 390 | 326 | 2,050 | 1,716 |
| Effective Tax Rate (\%) | 34.8 | 33.3 | 35.4 | 29.6 | 27.5 | 31.1 | 20.0 | 24.3 | 33.1 | 25.5 |
| Reported PAT | 920 | 900 | 1,020 | 1,310 | 1,400 | 1,040 | 1,560 | 1,017 | 4,150 | 5,017 |
| Adj PAT | 920 | 900 | 1,020 | 1,310 | 1,400 | 1,040 | 1,560 | 1,017 | 4,150 | 5,017 |
| Change (\%) | 70.4 | 4.7 | 78.9 | 87.1 | 52.2 | 15.6 | 52.9 | -22.4 | 55.4 | 20.9 |

E: MOSt Estimates
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# Nagarjuna Construction 

| STOCK INFO. BLOOMBERG <br> BSE Sensex: 16,371 NJCC IN <br> REUTERS CODE  <br> S\&P CNX: 4,942 NGCN.BO |  |
| :--- | ---: |
| Equity Shares (m) | 240.3 |
| 52-Week Range | $373 / 220$ |
| 1,6,12 Rel. Perf. (\%) | $-8 /-9 / 12$ |
| M.Cap. (Rs b) | 52.9 |
| M.Cap. (US\$ b) | 1.3 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs220 |
| YEAR END | NET SALES (RS M) | $\begin{aligned} & \text { PAT } \\ & \text { (RS M) } \end{aligned}$ | EPS <br> (RS) | EPS GROWTH (\%) | P/E (X) | $\begin{gathered} \mathrm{P} / \mathrm{BV}, \\ (\mathrm{X}) \end{gathered}$ | ROE <br> (\%) | ROCE <br> (\%) | EV/ SALES | EV/ EBITDA |
| 3/07A | 28,711 | 1,335 | 6.4 | 26.1 | 34.4 | 4.4 | 13.5 | 14.9 | 1.9 | 20.3 |
| 3/08E | 34,083 | 1,658 | 7.2 | 12.0 | 30.7 | 3.1 | 12.4 | 12.9 | 1.7 | 16.3 |
| 3/09E | 41,758 | 2,037 | 8.8 | 22.9 | 25.0 | 2.6 | 11.2 | 12.7 | 1.5 | 13.7 |
| 3/10E | 52,515 | 2,565 | 11.1 | 25.9 | 19.8 | 2.4 | 12.2 | 13.3 | 1.3 | 11.7 |

\& For 4QFY08, we expect NCC to report revenue of Rs 11.9 b, up $37 \%$ YoY, and net profit of Rs565m, up $66.7 \%$ YoY.
\& As of end-December 2007, NCC' s order book stood at Rs97.5b, 2.9x its FY08E revenues of Rs34b. Order book composition: roads $17.4 \%$, buildings $22.6 \%$, water $17 \%$, irrigation/HEP $9 \%$, electricals $6 \%$, power $1 \%$, oil/gas $3 \%$, metals $11 \%$ and international $13 \%$.
\& NCC consortium (NCC' s stake 25\%) comprising of Maytas (26\%), Port Operator Company (11\%) and SREI Finance (38\%) has received the Letter of Intent from the government for Machilipatnam port project in Andhra Pradesh. The project location has been firmed at Machillipatnam town itself (rather than earlier location $\sim 30 \mathrm{~km}$ away from city) and the additional construction cost is estimated at Rs3.35-3.5b.The management expects to sign the development agreement for the project shortly. Financial closure would be achieved by December 2008 and the operations are likely to begin in 2011.The project entails 8,000 acres of land to be provided to the consortium by the government on 99 -year lease for development of SEZ.
\& The stock trades at a P/E of 25x FY09E and 19.8x FY10E. Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 1 Q | 20 | 30 | 4QE |  |  |
| Sales | 6,517 | 6,517 | 6,998 | 8,679 | 7,622 | 6,772 | 7,795 | 11,894 | 28,711 | 34,083 |
| Change (\%) | 81.4 | 77.0 | 48.1 | 35.5 | 16.9 | 3.9 | 11.4 | 37.0 | 56.0 | 18.7 |
| EBITDA | 550 | 618 | 802 | 727 | 794 | 848 | 862 | 1,155 | 2,697 | 3,659 |
| Change (\%) | 97.8 | 63.0 | 75.5 | 36.9 | 44.3 | 37.3 | 7.5 | 58.8 | 64.4 | 35.6 |
| As of \% Sales | 8.4 | 9.5 | 11.5 | 8.4 | 10.4 | 12.5 | 11.1 | 9.7 | 9.4 | 10.7 |
| Depreciation | 58 | 69 | 76 | 96 | 104 | 117 | 123 | 128 | 299 | 472 |
| Interest | 57 | 96 | 185 | 166 | 145 | 233 | 167 | 206 | 504 | 751 |
| Other Income | 8 | 10 | 5 | 270 | 4 | 4 | 11 | 12 | 292 | 31 |
| PBT | 443 | 462 | 546 | 735 | 548 | 502 | 583 | 834 | 2,186 | 2,467 |
| Tax | 59 | 69 | 97 | 443 | 187 | 165 | 187 | 270 | 667 | 809 |
| Effective Tax Rate (\%) | 13.3 | 14.9 | 17.8 | 60.2 | 34.2 | 32.9 | 32.1 | 32.3 | 30.5 | 32.8 |
| Reported PAT | 384 | 393 | 449 | 293 | 360 | 337 | 396 | 565 | 1,519 | 1,658 |
| Adj PAT | 326 | 334 | 359 | 339 | 360 | 337 | 396 | 565 | 1,358 | 1,658 |
| Change (\%) | 70.3 | 59.9 | 33.9 | -3.1 | 10.4 | 0.6 | 10.5 | 66.7 | 30.7 | 22.1 |

$\overline{\text { E: MOSt Estimates }}$
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# Patel Engineering 

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | PEC IN <br> REUTERS CODE |
| S\&P CNX: 4,942 | PENG.BO |


| 28 March 2008 Buy |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs623 |
| YEAR | NET SALES* | PAT* | EPS | EPS | P/E | P/BV | ROE | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 3/07A | 10,989 | 1,122 | 18.8 | 28.2 | 33.1 | 5.3 | 24.5 | 12.9 | 3.6 | 29.3 |
| 3/08E | 12,800 | 1,393 | 23.3 | 24.2 | 26.7 | 4.9 | 17.5 | 12.1 | 3.1 | 23.9 |
| 3/09E | 15,940 | 1,334 | 22.4 | -4.2 | 27.9 | 4.3 | 14.7 | 12.8 | 2.5 | 19.5 |
| 3/10E | 19,842 | 1,670 | 28.0 | 25.1 | 22.3 | 3.7 | 16.1 | 13.1 | 2.1 | 15.8 |

\& For 4QFY08, we expect Patel Engineering to report revenues of Rs4.7b, up $17.7 \%$ YoY, and net profit of Rs346m.
\& Order book as of end-December 2007 stood at Rs55b - a book to bill ratio of 3.3x FY08E consolidated revenues. Order book composition stands as: hydro $56 \%$, irrigation $21 \%$, and transportation and others $23 \%$.

* Patel Realty India Limited (PRIL), the company's real estate subsidiary is on track in terms of development plans at Mumbai (corporate park of 0.83 m sft) and Hyderabad (IT SEZ of 2.7 m sft at Gachibowli). There could be some delay in the integrated SEZ of 12.1 m sft at Bangalore due to elections in Karnataka. At Bangalore, the residential area of the integrated township will be developed first and then the IT Park. The management does not expect any significant funding requirement for the real estate projects, as developments would be undertaken in a phased manner.
\& Patel plans to set up 1,200MW of thermal power (300MW x 4, to be completed by FY12/FY13), at Bhavnagar in Gujarat based on imported coal. It is also acquiring a greenfield coal mine (at 100 m ton reserves) in Indonesia to provide the fuel linkage (for $1,200 \mathrm{MW}$ ). We understand that the acquisition is in advanced stages, and expect it to be completed in the next 3-4 months. The project cost is likely to be US\$60m-US\$70m.
e The stock trades at a reported P/E of 27.9x FY09E and 22.3x FY10E. We maintain Buy.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLİN |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 O | 30 | 4Q | 10 | 20 | 30 | 4QE |  |  |
| Sales | 2,900 | 1,979 | 2,184 | 3,962 | 3,301 | 2,358 | 2,622 | 4,664 | 11,036 | 12,945 |
| Change (\%) | 52.8 | 40.6 | 28.7 | 31.5 | 13.8 | 19.1 | 20.1 | 17.7 | 37.7 | 17.3 |
| EBITDA | 318 | 307 | 419 | 456 | 358 | 420 | 469 | 536 | 1,512 | 1,783 |
| Change (\%) | 54.2 | 38.7 | 15.9 | 69.2 | 12.6 | 36.5 | 12.1 | 17.5 | 42.8 | 18.0 |
| As of \% Sales | 11.0 | 15.5 | 19.2 | 11.5 | 10.9 | 17.8 | 17.9 | 11.5 | 13.7 | 13.8 |
| Depreciation | 65 | 66 | 70 | 72 | 66 | 70 | 72 | 88 | 273 | 295 |
| Interest | 46 | -13 | 24 | 52 | 27 | 28 | 30 | 31 | 109 | 115 |
| Other Income | 26 | 20 | 11 | 35 | 35 | 45 | 30 | 11 | 80 | 120 |
| PBT | 233 | 274 | 335 | 368 | 300 | 367 | 398 | 428 | 1,210 | 1,493 |
| Tax | 33 | 24 | 44 | 28 | 37 | 43 | 48 | 82 | 129 | 209 |
| Effective Tax Rate (\%) | 14.2 | 8.7 | 13.0 | 7.7 | 12.2 | 11.6 | 12.0 | 19.2 | 10.6 | 14.0 |
| Reported PAT | 200 | 250 | 292 | 340 | 264 | 324 | 350 | 346 | 1,081 | 1,284 |
| Adj PAT | 200 | 250 | 292 | 340 | 264 | 324 | 350 | 346 | 1,081 | 1,284 |
| Change (\%) | 76.9 | 98.2 | 16.4 | 59.9 | 32.1 | 29.6 | 20.1 | 1.8 | 54.0 | 18.8 |

$\overline{\text { E: MOSt Estimates }}$

# Simplex Infrastructure 

| STOCK INFO. | BLOOMBERG |  |
| :--- | ---: | :---: |
| BSE Sensex: 16,371 | SINF IN |  |
|  | REUTERS CODE |  |
| S\&P CNX: 4,942 | SINF.BO |  |
| Equity Shares (m) | 55.0 |  |
| 52-Week Range | $774 / 315$ |  |
| 1,6,12 Rel. Perf. (\%) | $4 / 46 / 38$ |  |
| M.Cap. (Rs b) | 32.7 |  |
| M.Cap. (US\$ b) | 0.8 |  |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Buy } \\ & \text { Rs596 } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net Sales* | PAT* | EPS | EPS | P/E | P/BV | Roe | ROCE | EV/ | EV/ |
| End | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 3/07A | 17,110 | 537 | 12.5 | 28.9 | 47.8 | 9.3 | 19.5 | 15.9 | 1.6 | 19.2 |
| 3/08E | 27,030 | 1,052 | 19.1 | 53.5 | 31.1 | 4.1 | 13.2 | 18.5 | 1.0 | 9.5 |
| 3/09E | 41,106 | 2,216 | 40.3 | 110.6 | 14.8 | 2.7 | 18.5 | 22.2 | 0.7 | 6.2 |
| 3/10E | 53,438 | 3,296 | 60.0 | 48.7 | 9.9 | 2.2 | 22.0 | 25.7 | 0.6 | 4.5 |

* Consolidated
\& For 4QFY08, we expect Simplex to report revenue of Rs8.5b, up $46.6 \%$ YoY, and net profit of Rs446m, up $135 \%$ YoY.
\& Order backlog stood at Rs89b as at the end of December 2007. The current order book represents a book-to-bill ratio of 3.1x FY08E revenue of Rs27b. Order book is represented by orders from government - 35\%, private sector - 35\% and foreign orders $-35 \%$. The current order book is executable over the next 2.5 years. The average order size has moved beyond Rs1b for the company and could increase further, going forward.
* The company has acquired the ability to execute about Rs 2.5 b worth of orders per month. It plans to take it to Rs3.5b/month in FY09, thus improving project execution.
\& Key orders received during 4QFY08: Ritz Carlton Hotel, Bangalore, cement plant, sewerage system and thermal power plant (Rs6,530m), 6 flyovers on Seeb Corniche Road in Muscat in Sultanate of Oman (Rs3,020m), 10.7 km viaduct on the Versova - Andheri - Ghatkopar elevated corridor (Rs4,060m) and Qatalum Thermal Power Plant in Qatar (Rs2,870m).
\& For FY08-10, we expect IVRCL to report $40.6 \%$ CAGR in revenue and $77 \%$ CAGR in net profit. The stock trades at a P/E of 14.8 x FY09E and 9.9 x FY10E. We recommend Buy.

| QUARTERLY Performance (Standalone) |  |  |  |  |  |  |  |  | (RS MILLİN) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 O | 30 | 4 Q | 10 | 2 Q | 30 | 4QE |  |  |
| Net Income | 3,520 | 3,563 | 4,257 | 5,770 | 5,818 | 5,711 | 7,040 | 8,461 | 17,110 | 27,030 |
| Change \% | 13.1 | 29.8 | 13.6 | 45.6 | 65.3 | 60.3 | 65.4 | 46.6 | 26.1 | 58.0 |
| Total Expenses | 3,203 | 3,232 | 3,804 | 5,402 | 5,236 | 5,139 | 6,334 | 7,509 | 15,642 | 24,219 |
| EBITDA | 317 | 331 | 452 | 368 | 582 | 572 | 705 | 952 | 1,468 | 2,811 |
| Change \% | 22.4 | 39.0 | 67.2 | 10.3 | 83.9 | 73.0 | 55.9 | 158.5 | 33.3 | 91.5 |
| As \% of sales | 9.3 | 9.6 | 11.4 | 7.3 | 10.8 | 11.1 | 10.6 | 11.4 | 9.2 | 11.0 |
| Other Income | 11 | 12 | 33 | 50 | 44 | 63 | 41 | 9 | 106 | 157 |
| Interest | 121 | 148 | 160 | 202 | 247 | 251 | 296 | 141 | 632 | 934 |
| Depreciation | 86 | 94 | 104 | (44) | 127 | 142 | 167 | 175 | 240 | 612 |
| PBT | 121 | 100 | 221 | 261 | 252 | 242 | 283 | 644 | 702 | 1,422 |
| As \% of sales | 3.4 | 2.8 | 5.2 | 4.5 | 4.3 | 4.2 | 4.0 | 7.6 | 4.1 | 5.3 |
| Change \% | (22.3) | (2.1) | 57.5 | 35.9 | 109.1 | 143.0 | 28.4 | 147.1 | 19.2 | 102.6 |
| Tax | 16 | 29 | 48 | 71 | 56 | 52 | 63 | 198 | 164 | 370 |
| TaxPBT | 13.5 | 29.1 | 21.7 | 27.3 | 22.2 | 21.5 | 22.3 | 30.8 | 23.4 | 26.0 |
| PAT | 104 | 71 | 173 | 189 | 196 | 190 | 220 | 446 | 537 | 1,052 |
| Adjusted PAT | 104 | 71 | 173 | 189 | 196 | 190 | 220 | 446 | 537 | 1,052 |
| As \% of sales | 3.0 | 2.0 | 4.1 | 3.3 | 3.4 | 3.3 | 3.1 | 5.3 | 3.1 | 3.9 |
| Change \% | (10.3) | (21.2) | 57.2 | 78.2 | 88.1 | 169.1 | 27.4 | 135.4 | 27.3 | 95.9 |

## E: MOSt Estimates

Satyam Agarwal (Agarwals@MotilalOswal.com)Tel: +91 223982 5410/Shridatta Bhandwaldar (Shridatta.Bhandwaldar@MotilalOswal.com)

| BSE Sensex: 16,371 | S\&P |
| :---: | :---: |
| COMPANY NAME | PG. |
| Deccan Chronicle | 175 |
| H T Media | 176 |
| Jagran Prakashan | 177 |
| Sun TV Network | 178 |
| TV Today | 179 |
| Zee Entertainment | 180 |

The media sector witnessed a great deal of action with launch of 9X and NDTV Imagine channels, new radio policy recommendations by TRAI and huge investors interest. Competitive intensity is increasing in all segments of the media industry, as most players are in the process of diversifying their revenue streams. Advertising revenues continue to post sustained growth of $20-22 \%$ as rising consumer demand is necessitating an increase in spend across segments. TV broadcasting subscription revenues picked up in 3QFY08 due to exponential growth in the DTH subscriber base; addressability in cable can perk up subscription revenue growth further. FICCI-PricewaterhouseCoopers 2008 report on the Indian media industry expects the entertainment and media (E\&M) industry to grow by $18 \%$ CAGR for the next five years. We maintain our positive view on the print media industry with Deccan Chronicle Holdings (DCHL) as our top pick. We maintain a Neutral stance on the TV broadcasting industry with a Neutral rating on Sun TV and Zee Entertainment Enterprise.

## Entry of 9X and NDTV Imagine likely to result in fragmentation

Television industry continues to attract new players on the back of sustained growth in advertisement revenue and positive outlook on subscription revenue driven by digitization of distribution network. During the quarter NDTV launched a GEC channel NDTV Im agine. In just first two months from its launch the channel has already made a huge impact in the GEC genre. The channel has a GRP of 90 which is higher than Sony. UTV World movies has emerged as the third most watched movie channel trailing only HBO and Star Movies. 9XM has emerged as most watched music channel in just 7 weeks from launch. More channels are expected to hit this space from the stable of Network 18 Group, Reliance Entertainment and BagFilms. This is likely to result in fragmentation of viewership ratings. Fragmentation of viewership will put a cap to the ad rates being charged on various channels and genres.

| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | RECO |  |  |  |  |  |

Zee TV has started gaining strong traction with its share in the number of programs in the Top 10 list increasing from three shows in the first week of the quarter to an average of seven shows in the last few weeks. This is in spite of the India v/s Australia Cricket series showcased during the same period. Zee TV has been doing well on the back of strong content and poor performance of Star Plus. We will watch this space closely as ability to sustain strong GRP will enable Zee to prevent any pressure on its ad rates, which could potentially arise from undercutting by the new players.


Target group: C\&S 4 + Yrs
Source:www.Indiantelevision.com

| SATELLITE TELEVISION (SHARE IN TOP 100 PROGRAMMES) |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 13-19J AN | 20-26J AN | 27J AN-2FEB | 2-9FEB | 10-16FEB | 17-23FEB | 24FEB-1MAR | 2-8MAR |
| Star Plus | 40 | 36 | 34 | 34 | 32 | 36 | 35 | 35 |
| Zee TV | 36 | 32 | 34 | 32 | 34 | 33 | 32 | 29 |
| Sun TV | 18 | 28 | 24 | 29 | 26 | 22 | 27 | 24 |
| Sony | 1 | 2 | 1 |  | 1 | 1 | 1 | 2 |

## Sharp increase in new sprint prices to check margin expansion

Print media has been cruising through a paradigm shift with players expanding their geographical reach and diversifying into new media verticals. Improving literacy rate and consumer demand has resulted in strong growth momentum in advertising revenue. During the quarter newsprint prices saw a sharp increase from US\$590/ton in September 2007 to US\$650-675/ton now. Increase in prices is largely on account of: (1) merger of Abitibi and Bowater in North America at the end of CY07, resulting in consolidation of capacity, (2) shortage of waste newsprint for Chinese newsprint plants resulting in global price increase of US\$35 per ton (3) high prices of crude oil and wood and increase in demand for newsprint in USA due to presidential elections.

The domestic market for newsprint is very tight currently and it is difficult to source volumes. Firm newsprint prices will impact the profitability all the three print media companies. HT Media will face the maximum pressure as it has plans to expand geographical reach of Hindustan (Hindi daily) and Mint (Business daily). HT Media' s circulation of its Mumbai edition and Mint is mostly subscription based, which will impair the ability of the company to pass on any cost increases to consumers. Jagran Prakashan will also have an immediate impact as it maintains newsprint inventory of just 10-15 days for domestically sourced material. Near term newsprint price outlook remains strong; the prices could correct after CY08 post the impact of US elections, the Olympics and commissioning of new capacities in China.


Source: Company/Motilal Oswal Securities

## Direct-to-home

The DTH subscriber base, which stood at 2.2 m in 2006-07, is likely to touch the 5 m mark by March 2008 on the back of upsurge in subscriber base additions. Existing players such as Tata Sky and Dish TV continued to offer attractive schemes to woo customers. The forthcoming months will see the launch of services by both Reliance and Bharti. We expect the resultant competition to accelerate industry growth rates significantly. We expect the DTH subscriber base to post CAGR of $54 \%$ to 26 m by FY12.

During the quarter, Dish TV India cancelled its Rs 2.5 b preferential allotment of equity shares and warrants to Indivision Partners due to low valuations. The company has plans to raise Rs16b (debt:equity at 40:60) to fund its expansion plans over the next 2-3 years. However, the company indicated that it has lined up adequate funds for the coming 6-9 months.

## Radio

The radio industry is growing at a fast clip in the current year on the base of over $70 \%$ jump in revenues last year. Rising popularity of FM radio and increasing usage options in out-of-home devices like cars and mobiles is aiding this growth. From the level of Rs6.2b in 2007, industry is expected to grow to Rs18b by 2012. Deregulation in the radio industry has been the turning point for the sector. TRAI has proposed a new radio policy, which would go a long way to boost growth prospects of the industry. Some the key recommendations by TRAI are:

1. Geographical basis of private FM radio bidding to be changed from city to district.
2. Multiple channels allowed to be operated by a FM broadcaster in a district
3. Cap on maximum number of channels by an operator removed
4. Broadcasting of news and current affairs by FM radio stations
5. Increase in the FDI and FII cap

We believe that multiple frequencies and entry of private players into news and current affairs programs can open up new revenue streams, pushing growth rates to higher-thanestimated levels.

We maintain our positive view on the print media industry with DCHL as our top pick. We maintain a Neutral stance on the TV broadcasting industry with a Neutral rating on Sun TV and Zee Entertainment Enterprise.

## Stock performance and valuations

STOCK PERFORMANCE (\%)

|  | ABSOLUTE PERF |  | REL PERF TO SENSEX |  | REL PERF TO SECTOR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 M | 1 YEAR | 3 M | 1 YEAR | 3 M | 1 YEAR |
| Media |  |  |  |  |  |  |
| Deccan Chronicle | -26 | 10 | -7 | -17 | 3 | 4 |
| HT Media | -34 | -6 | -15 | -33 | -5 | -11 |
| Jagran Prakashan | -39 | 31 | -20 | 4 | -11 | 25 |
| Sun TV | -28 | -24 | -9 | -52 | 0 | -30 |
| T V Today | -45 | -12 | -26 | -39 | -17 | -18 |
| Zee Entertainment | -22 | 2 | -3 | -25 | 7 | -4 |



Comparative valu ation


| STOCK INFO. BLOOMBERG  <br> BSE Sensex: 16,371 DECH IN  <br>  REUTERS CODE  <br> S\&P CNX: 4,942 DCHL.BO  |  |
| :--- | ---: |
| Equity Shares (m) | 244.0 |
| 52-Week Range | $270 / 134$ |
| 1,6,12 Rel. Perf. (\%) | $2 /-14 /-17$ |
| M.Cap. (Rs b) | 39.4 |
| M.Cap. (US\$ b) | 1.0 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs161 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | EPS | EPS | PIE | PBV | RoE | Roce | Ev/ | Ev/ |
| End | (RS M) | (RS M) | (RS) G | Growth (\%) | (X) | (x) | (\%) | (\%) | Sales | ebitda |
| 03/07A | 5,528 | 1,614 | 6.8 | 105.0 | 23.9 | 4.7 | 19.5 | 18.5 | 7.5 | 16.0 |
| 03/08E | 7,886 | 2,912 | 11.8 | 74.3 | 13.7 | 3.7 | 26.7 | 30.3 | 5.6 | 9.1 |
| 03/09E | 9,710 | 3,642 | 14.7 | 25.1 | 11.0 | 2.8 | 25.6 | 34.2 | 4.2 | 7.3 |
| 03/10E | 11,033 | 4,408 | 17.8 | 21.0 | 9.1 | 2.2 | 24.2 | 32.5 | 3.7 | 6.3 |

\& We expect Deccan Chronicle to post $43.2 \%$ YoY growth in revenue to Rs2.1b
\& Sharp increase in EBIDTA margin from $49.5 \%$ in 4QFY07 to $59 \%$ in 4QFY08 would result in a $70.6 \%$ YoY increase in operating profits to Rs1.2b. Lower other income and higher tax rate will result in a $14.4 \%$ YoY decline in PAT to Rs219m.
\& DCHL will face margin pressure due to increase in newsprint prices from FY09 as the company keeps news print inventory of 3-4 months.
\& DCHL's plans of having a strong presence in southern India will be fulfilled with the expected launch of its Bangalore edition this month. Although the company will face strong competition from The Times of India, its success in Bangalore will lead to a rerating of the company.

* DCHL is launching a business daily which will help the company not only capitalize the growing market for business dailies but also improve the content quality in its English paper.
\& DCHL has won the IPL ownership of Hyderabad team. The company has already roped in some international stars in its team and has big plans from the SBU. We estimate that even in the event of complete failure of IPL, EPS impact would not be more than Re1.0 per share.
$\approx$ The stock is trading at 13.7 x FY08 and 11x FY09 earnings. We maintain Buy.

$\overline{\text { E: MOSt Estimates }}$

| STOCK INFO. <br> BSE Sensex: 16,371 | BLOOMBERG |
| :---: | :---: |
|  | HTML IN |
|  | REUTERS CODE |
| S\&P CNX: 4,942 H | HTML.BO |
| Equity Shares (m) | 234.2 |
| 52-Week Range | 266/128 |
| 1,6,12 Rel. Perf. (\%) | -5/-16/-33 |
| M.Cap. (Rs b) | 39.7 |
| M.Cap. (US\$ b) | 1.0 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | BuyRs170 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net Sales | Pat | Eps | EPS | PIE | Priv | RoE | Roce | Ev/ | Ev/ |
| end | (RSM) | (RS M) | (RS) G | GRowt (\%) | (x) | (x) | (\%) | (\%) | sales | Ebitda |
| 03/07A | 10,393 | 1,156 | 4.9 | 91.7 | 34.4 | 5.1 | 14.7 | 15.1 | 3.5 | 19.2 |
| 03/08E | 12,135 | 1,330 | 5.7 | 15.3 | 29.9 | 4.4 | 14.7 | 15.4 | 2.9 | 16.2 |
| 03/09E | 14,264 | 1,521 | 6.5 | 14.3 | 26.1 | 3.8 | 14.6 | 14.8 | 2.5 | 14.6 |
| 03/10E | 16,663 | 1,828 | 7.8 | 20.2 | 21.7 | 3.3 | 15.3 | 15.7 | 2.1 | 11.9 |

\& We expect HT Media to post $21.1 \%$ increase in revenue to Rs3.3b.
\& EBIDTA margin is expected to decline from $15.2 \%$ in 4QFY07 to $14.7 \%$ in 4QFY08. The decline is largely on account of expanding the geographical presence of Mint, launch of Hindustan in UP markets and continuing losses in Mumbai.
\& HT Media will start feeling the impact of increase in newsprint prices from this quarter itself as it currently has low inventory (normal level is 2 months). Moreover ability of HT Media to pass on the cost increase is very low in Mumbai as most of the circulation is subscription based.
\& HT Delhi continues to be the largest contributor to the company's total revenue. We do not rule out some price increase in Delhi after an understanding with TOI. Hindustan and Mint edition launches might be delayed due to a rise in material costs.
\& The company will start reporting the numbers of Hindustan separately from 1QFY09. We expect Mint and HT Mumbai to remain in an investment mode for next 2-3 years.
\& The stock is trading at 29.9 x FY08 and 26.1x FY09 earnings. We maintain a Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 10 | 20 | 30 | 4QE |  |  |
| Sales | 2,391 | 2,499 | 2,752 | 2,750 | 2,733 | 2,877 | 3,194 | 3,331 | 10,393 | 12,135 |
| Change (\%) |  |  |  |  | 14.3 | 15.1 | 16.1 | 21.1 | 0.3 | 16.8 |
| EBITDA | 519 | 477 | 491 | 418 | 556 | 558 | 592 | 489 | 1,905 | 2,195 |
| Change (\%) |  |  |  |  | 7.1 | 17.0 | 20.7 | 17.0 |  | 15.2 |
| As of \% Sales | 21.7 | 19.1 | 17.8 | 15.2 | 20.3 | 19.4 | 18.5 | 14.7 | 18.3 | 18.1 |
| Depreciation | 96 | 96 | 98 | 107 | 106 | 110 | 114 | 105 | 397 | 435 |
| Interest | 34 | 38 | 36 | 35 | 42 | 44 | 45 | 43 | 143 | 173 |
| Other Income | 87 | 76 | 149 | 91 | 103 | 18 | 87 | 105 | 403 | 313 |
| Extra-ordinary income | -3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 |
| PBT | 474 | 419 | 506 | 367 | 511 | 422 | 521 | 446 | 1,765 | 1,900 |
| Tax | 167 | 150 | 170 | 127 | 169 | 97 | 153 | 151 | 614 | 570 |
| Effective Tax Rate (\%) | 35.3 | 35.7 | 33.6 | 34.7 | 33.1 | 23.0 | 29.3 | 33.9 | 34.8 | 30.0 |
| Reported PAT | 306 | 269 | 336 | 240 | 342 | 325 | 369 | 295 | 1,151 | 1,330 |
| Adj PAT | 309 | 269 | 336 | 240 | 342 | 325 | 369 | 295 | 1,153 | 1,330 |
| Change (\%) |  |  |  |  | 10.6 | 20.7 | 9.8 | 23.1 |  | 15.3 |

$\overline{\text { E: MOSt Estimates }}$

# Jagran Prakashan 

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | JAGP IN |
| REUTERS CODE |  |
| S\&P CNX: 4,942 | JAGP.BO |
| Equity Shares (m) | 301.2 |
|  | $169 / 71$ |
| 1,6,12 Rel. Perf. (\%) | $-7 /-12 / 4$ |
| M.Cap. (Rs b) | 28.3 |
| M.Cap. (US\$ b) | 0.7 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs94 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net Sales | PAT | EPS | EPS | P/E | PRBV | RoE | Roce | EV/ | EV/ |
| end | (RS M) | (RS M) | (RS) | GRowth (\%) | ( ${ }^{\text {) }}$ | (x) | (\%) | (\%) | SaL | EBITdA |
| 03/07A | 5,982 | 762 | 2.5 | 100.4 | 37.2 | 5.5 | 14.9 | 18.4 | 4.7 | 23.7 |
| 03/08E | 7,634 | 1,057 | 3.5 | 38.6 | 26.8 | 5.2 | 19.3 | 24.6 | 3.7 | 16.2 |
| 03/09E | 9,683 | 1,375 | 4.6 | 30.2 | 20.6 | 4.6 | 22.4 | 30.0 | 2.9 | 12.4 |
| 03/10E | 11,660 | 1,806 | 6.0 | 31.3 | 15.7 | 3.9 | 25.0 | 34.6 | 2.4 | 9.3 |

\& Jagran Prakashan is expected to post $24.5 \%$ YoY growth in revenue on the back of continued growth in advertising revenue.

25 EBIDTA margin is expected to expand from $17.9 \%$ in 4 QFY 07 to $20.9 \%$ in 4QFY08. However, sequential margins are likely to decline by 80 bp due to increase in newsprint prices. The company keeps a low inventory level of 15 days and sources $70 \%$ of its requirement from domestic markets, which could impact its profit margins.
\& The company has launched five more editions of Dainik Jagran in Uttar Pradesh in the current quarter. This will increase readership as increased localization will increase the reader's interest. Moreover this will increase the proportion of local ads, which offers higher ad-rates and profitability.
\& Diversification in the OOH and Event Management segments is on track. Jagran will launch its Hindi business daily in a JV with the TV18 group, which will mark its entry in the business news segment.
\& PAT is expected to grow by $50.8 \%$ YoY at Rs231m due to increase in EBITDA margins from $17.9 \%$ in 4 QFY 07 to 20.9\% in 4QFY08.
\& The stock is trading at 26.8x FY08 and 20.6x FY09 earnings. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 10 | 2 Q | 3 Q | 4QE |  |  |
| Sales | 1,367 | 1,417 | 1,561 | 1,637 | 1,834 | 1,772 | 1,990 | 2,038 | 5,982 | 7,634 |
| Change (\%) | 19.8 | 25.9 | 25.7 | 27.7 | 34.2 | 25.0 | 27.5 | 24.5 | 25.1 | 59.7 |
| EBITDA | 344 | 291 | 270 | 293 | 515 | 390 | 432 | 426 | 1,198 | 1,763 |
| Change (\%) | 171.9 | 69.2 | 58.9 | 25.2 | 49.6 | 34.2 | 59.9 | 45.3 | 68.4 | 147.8 |
| As of \% Sales | 25.2 | 20.5 | 17.3 | 17.9 | 28.1 | 22.0 | 21.7 | 20.9 | 20.0 | 23.1 |
| Depreciation | 48 | 56 | 58 | 75 | 70 | 83 | 89 | 93 | 237 | 335 |
| Interest | 17 | 20 | 16 | 32 | 20 | 14 | 14 | 25 | 85 | 74 |
| Other Income | 57 | 52 | 73 | 66 | 89 | 37 | 56 | 60 | 248 | 242 |
| Extra-ordinary income | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -27 | 0 |
| PBT | 336 | 266 | 269 | 253 | 513 | 330 | 385 | 368 | 1,152 | 1,597 |
| Tax | 107 | 91 | 92 | 99 | 166 | 110 | 127 | 137 | 389 | 540 |
| Effective Tax Rate (\%) | 31.9 | 34.1 | 34.2 | 39.3 | 32.4 | 33.3 | 32.9 | 33.0 | 33.8 | 33.8 |
| Reported PAT | 229 | 175 | 177 | 153 | 347 | 220 | 258 | 231 | 762 | 1,057 |
| Adj PAT | 229 | 175 | 177 | 153 | 347 | 220 | 258 | 231 | 735 | 1,057 |
| Change (\%) | 433.3 | 78.0 | 143.8 | 18.0 | 51.6 | 25.3 | 46.0 | 50.8 | 111.7 | 43.8 |

$\overline{\text { E: MOSt Estimates }}$

## Sun TV Network

| STOCK INFO. <br> BSE Sensex: 16,371 | BLOOMBERG |
| :---: | :---: |
|  | SUNTVIN |
|  | REUTERS CODE |
| S\&P CNX: 4,942 S | SUT V.BO |
| Equity Shares (m) | 394 |
| 52-Week Range | 458/260 |
| 1,6,12 Rel. Perf. (\%) | \%) 2/-8/-52 |
| M.Cap. (Rs b) | 114.7 |
| M.Cap. (US\$ b) | 2.9 |

28 March 2008

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs291 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | net sales | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 3/07A | 6,788 | 2,688 | 6.8 | 29.9 | 42.7 | 7.6 | 22.1 | 41.0 | 16.1 | 22.6 |
| 3/08E | 8,609 | 3,728 | 9.5 | 38.7 | 30.8 | 6.2 | 24.8 | 44.1 | 12.3 | 16.4 |
| 3/09E | 10,665 | 5,243 | 13.3 | 40.7 | 21.9 | 6.2 | 27.6 | 44.5 | 9.6 | 12.6 |
| 3/10E | 12,719 | 6,434 | 16.3 | 22.7 | 17.8 | 4.9 | 27.0 | 43.4 | 7.7 | 10.1 |

\& We expect the company to post revenue of Rs 2.4 b up $12.3 \%$ QoQ, EBITDA of Rs 1.8 b and of PAT of Rs 973 m for 4QFY08.

* Sun TV continues to remain an undisputed leader in southern India with presence across all the four states. Its Tamil Kids channel Chutti TV has been big hit and the company now plans to extend this same to other languages, which will further strengthen its position in the Kids genre.
\& We expect competitive intensity to increase due to expansion plans of players like Kalaignar and Raj TV in Tamil language. Zee News is gaining ground in Kannada and Telgu GEC space in the non-film based programmes. The company has plans to relaunch its Tamil GEC channel in six months.

8 The company is in the process of becoming a strong player in the FM radio space. It currently has 27 stations under operation; the remaining 14 are to be launched by year-end. We expect Sun TV network to be a major beneficiary from phase three of radio policy, due to groups synergy in other news based mediums like television and print.
\& The stock is trading at $30.8 x$ FY08 and 21.9x FY09 earnings. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 10 | 2 Q | 3 Q | 4QE |  |  |
| Sales | 894 | 945 | 1,140 | 3,790 | 2,023 | 1,945 | 2,178 | 2,445 | 6,770 | 8,591 |
| Change (\%) |  |  |  |  | 126.3 | 105.8 | 91.0 | -35.5 |  | 26.9 |
| EBITDA | 693 | 715 | 884 | 2,524 | 1,529 | 1,398 | 1,710 | 1,826 | 4,818 | 6,464 |
| Change (\%) |  |  |  |  | 120.8 | 95.5 | 93.5 | -27.6 |  | 34.2 |
| As of \% Sales | 77.5 | 75.7 | 77.5 | 66.6 | 75.6 | 71.9 | 78.5 | 74.7 | 71.2 | 75.2 |
| Depreciation | 127 | 110 | 90 | 864 | 243 | 248 | 262 | 471 | 1,193 | 1,225 |
| Interest | 11 | 2 | 2 | 15 | 5 | 15 | 25 | 21 | 31 | 65 |
| Other Income | 96 | 114 | 110 | 174 | 149 | 143 | 142 | 100 | 495 | 534 |
| PBT | 651 | 717 | 902 | 1,819 | 1,431 | 1,278 | 1,565 | 1,435 | 4,089 | 5,709 |
| Tax | 228 | 238 | 305 | 630 | 500 | 477 | 542 | 462 | 1,401 | 1,981 |
| Effective Tax Rate (\%) | 35.1 | 33.1 | 33.8 | 34.6 | 34.9 | 37.3 | 34.6 | 32.2 | 34.3 | 34.7 |
| Reported PAT | 422 | 480 | 598 | 1,189 | 931 | 802 | 1,023 | 973 | 2,688 | 3,728 |
| Adj PAT | 422 | 480 | 598 | 1,189 | 931 | 802 | 1,023 | 973 | 2,688 | 3,728 |
| Change (\%) |  |  |  |  | 120.4 | 67.1 | 71.2 | -18.2 |  | 38.7 |

E: MOSt Estimates; Note: 4QFY08 nos not comparable on a YoY basis, as 4QFY07 results includes Udaya TV and Gemini TV full year nos

| STOCK INFO. |  |
| :--- | ---: |
| BSE Sensex: 16,371 | TVOMBERG <br> TVTN IN <br> REUTERS CODE |
| S\&P CNX: 4,942 | TVTO.BO |
| Equity Shares (m) | 58.0 |
| 52-Week Range | $200 / 88$ |
| 1,6,12 Rel. Perf. (\%) | $-14 /-23 /-39$ |
| M.Cap. (Rs b) | 6.0 |
| M.Cap. (US\$ b) | 0.1 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs103 |
| YEAR <br> END | NET SALES (RS M) | $\begin{aligned} & \text { PAT* } \\ & \text { (RS M) } \end{aligned}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | EPS GROWTH (\%) | P/E <br> (X) | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | ROE <br> (\%) | ROCE <br> (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 1,889 | 312 | 5.4 | 12.3 | 19.2 | 2.3 | 12.2 | 18.4 | 2.5 | 9.0 |
| 3/08E | 2,419 | 466 | 7.3 | 36.5 | 14.0 | 2.2 | 15.7 | 23.6 | 2.1 | 6.8 |
| 3/09E | 2,755 | 578 | 9.1 | 24.1 | 11.3 | 1.9 | 16.8 | 25.3 | 1.7 | 5.3 |
| 3/10E | 3,174 | 734 | 11.6 | 26.9 | 8.9 | 1.6 | 18.1 | 27.3 | 1.3 | 3.8 |

* Excluding extraordinary items and provisions

2. We expect the company to post revenue of Rs 746 m , up $27.4 \%$ YoY on the back consistent growth in advertising revenue.
\& Aaj Tak is an undisputed leader in the Hindi news genre in spite of increased competition in this genre. Revamp of Headlines Today has resulted in an increase in market share from 7\% in FY05 to 10\% in FY07.
\& New initiatives like merger of Radio Today and conversion into a pay channel will pay off in the long term. TVToday is awaiting the Ministry of Information and Broadcasting' s clearance to go ahead with the merger.
\& We believe TVToday is a lowrisk investment, with potential re-rating triggers. The stock is trading at 14x FY08 and 11.3x FY09 earnings. We maintain Buy.


E: MOSt Estimates

# Zee Entertainment Enterprises 

| STOCK INFO. |  |
| :--- | ---: |
| BSE Sensex: 16,371 | Z IN IN |
| REUTERS CODE |  |
| S\&P CNX: 4,942 | ZEE.BO |
| Equity Shares (m) | 434 |
| 52-Week Range | $363 / 169$ |
| 1,6,12 Rel. Perf. (\%) | $10 /-23 /-25$ |
| M.Cap. (Rs b) | 106.6 |
| M.Cap. (US\$ b) | 2.7 |

28 March 2008

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs246 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| year | net sales | PAT | EPS | EPS | P/E | P/BV | roe | roce | EV/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | GRowt (\%) | (X) | (X) | (\%) | (\%) | SALES | ebitda |
| 3/07A | 15,159 | 2,374 | 5.5 | 11.7 | 45.1 | 4.1 | 14.2 | 12.8 | 7.2 | 34.1 |
| 3/08E | 17,563 | 3,728 | 8.6 | 57.0 | 28.7 | 3.7 | 17.8 | 19.1 | 6.2 | 19.8 |
| 3/09E | 21,490 | 5,224 | 12.0 | 40.1 | 20.5 | 3.2 | 18.9 | 22.8 | 5.0 | 14.0 |
| 3/10E | 25,340 | 6,460 | 14.9 | 23.7 | 16.6 | 2.7 | 17.9 | 24.0 | 4.1 | 10.6 |

2 We expect Zee Entertainment Enterprises (ZEEL) to report $16.5 \%$ YoY growth in revenue on the back of higher advertising. Sequentially, revenues are expected to be lower by $13.6 \%$ due to seasonality and lower contribution from Sports channels.
8. Zee TV has improved its ratings during the quarter with its share in the number of programs in the Top 10 list increasing. Zee TV has more shows in the Top 10 list versus Star TV with an average of seven shows in the last few weeks.
\& Subscription revenue to remain flat on a YoY basis at Rs 1.9 b. We expect subscription revenue to post steady growth going forward on the back of increase in DTH subscriber base and new players entering the segment.
\& GEC space is getting fragmented with new launches. INX Media and NDTV have already launched their GEC channels 9X and NDTV Imagine. We believe increase in fragmentation will impact the advertising revenue and increase the carriage cost for the incumbent broadcasters.
\& PAT is expected to grow by $54.8 \%$ YoY at Rs 935 m due increase in EBIT DA margins from $24.6 \%$ in 4 QFY 07 to $31 \%$ in 4QFY08.
\& The stock is trading at 28.7 x FY08 and 20.5x FY09 earnings. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4 Q | 10 | 2 Q | 30 | 4QE |  |  |
| Net Sales | 2,894 | 3,496 | 4,177 | 3,844 | 3,916 | 3,986 | 5,182 | 4,479 | 14,454 | 17,563 |
| Change (\%) |  |  | 53.0 | 10.6 | 35.3 | 14.0 | 24.1 | 16.5 | 30.9 | 21.5 |
| Prog, Transmission \& Direct exp | 1,598 | 2,403 | 1,721 | 1,632 | 1,585 | 1,660 | 2,549 | 1,969 | 7,353 | 7,763 |
| Staff Cost | 244 | 239 | 232 | 292 | 375 | 338 | 312 | 351 | 1,008 | 1,375 |
| Selling and other exp | 391 | 636 | 867 | 969 | 759 | 668 | 753 | 770 | 2,864 | 2,951 |
| EBITDA | 662 | 217 | 1,357 | 951 | 1,197 | 1,321 | 1,569 | 1,388 | 3,229 | 5,475 |
| Change (\%) |  |  | 186.3 | 111.9 | 80.9 | 508.1 | 15.6 | 45.9 | 30.5 | 69.5 |
| As of \% Sales | 22.9 | 6.2 | 32.5 | 24.8 | 30.6 | 33.1 | 30.3 | 31.0 | 22.3 | 31.2 |
| Depreciation | 52 | 51 | 69 | 56 | 67 | 55 | 47 | 58 | 228 | 227 |
| Interest | 109 | 34 | 68 | 8 | 118 | 85 | 167 | 39 | 220 | 409 |
| Other Income | 147 | 152 | 155 | 177 | 213 | 225 | 238 | 220 | 630 | 895 |
| PBT | 648 | 284 | 1,375 | 1,064 | 1,225 | 1,405 | 1,592 | 1,511 | 3,411 | 5,734 |
| Tax | 109 | 74 | 417 | 365 | 412 | 435 | 458 | 531 | 964 | 1,835 |
| Effective Tax Rate (\%) | 16.8 | 26.0 | 30.3 | 34.3 | 33.6 | 30.9 | 33.4 | 35.1 | 28.3 | 32.0 |
| Reported PAT | 539 | 210 | 958 | 699 | 813 | 971 | 1,135 | 980 | 2,447 | 3,899 |
| Minority Interest | 13 | -12 | 83 | 95 | 42 | 46 | 38 | 46 | 212 | 171 |
| Adj PAT | 526 | 222 | 875 | 604 | 771 | 925 | 1,097 | 935 | 2,235 | 3,728 |
| Change (\%) |  |  | 166.9 | 12.8 | 46.6 | 316.5 | 25.3 | 54.8 | 10.4 | 66.8 |

E:MOSt Estimates

# Metals 

BSE Sensex: 16,371
S\&P CNX: 4,942
28 March 2008

| COMPANY NAME | PG. |
| :--- | :---: |
| Hindalco | 187 |

Hindustan Zinc 188

Jindal Steel 189

JSW Steel 190

Nalco 191

Sterlite Industries 192

SAIL 193

Tata Steel 194

## Growth in crude steel production continues to moderate

Global crude steel output increased $6.2 \%$ to 553 m tons during October 2007-February 2008, driven by $8.7 \%$ growth in China, $24.3 \%$ in India and $3.6 \%$ in the rest of the world (RoW). China's moving average total (MAT) growth rate has slowed from $21.9 \%$ in February 2007 to $13 \%$ in February 2008 due to slower capacity addition and closing of $\sim 30 \mathrm{~m}$ tons of inefficient capacity, while India's MAT growth rate has climbed steeply from $7.7 \%$ in February 2007 to $17.7 \%$ in February 2008. China is still the largest contributor to growth and accounted for $50.6 \%$ of the incremental crude steel production during October 2007-February 2008.

GLOBAL CRUDE STEEL PRODUCTION GROWTH IS MODERATING


Note: MAT =Moving Annual Total of crude steel production
Source:IIS

| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) |
| Metals |  |  |  |  |  |  |  |
| Hindalco | Neutral | 50,959 | 7.3 | 9,531 | -14.5 | 6,223 | -19.2 |
| Hindustan Zinc | Buy | 17,148 | -15.2 | 11,172 | -20.2 | 8,847 | -5.4 |
| Jindal Steel \& Power | Buy | 15,664 | 48.6 | 5,921 | 51.2 | 3,129 | 54.3 |
| JSW Steel | Neutral | 30,953 | 23.9 | 8,553 | 6.5 | 4,212 | 11.9 |
| Nalco | Neutral | 13,668 | -12.8 | 6,718 | -23.6 | 5,057 | -14.4 |
| Sterlite Inds. | Buy | 60,197 | -3.7 | 17,250 | -24.1 | 9,390 | -18.2 |
| SAIL | Buy | 131,754 | 28.3 | 50,401 | 59.7 | 32,662 | 64.3 |
| Tata Steel | Buy | 53,972 | 8.4 | 24,442 | 28.4 | 14,129 | 25.0 |
| Sector Aggregate |  | 374,314 | 12.1 | 133,988 | 12.4 | 83,649 | 17.1 |



Source: IIS|

## Metallics shortage worldwide is driving iron ore prices northward

Iron ore prices have been up sharply in the last six months in the spot market. Driving iron ore prices upward are: (1) continued strong demand from the largest consumer of iron ore i.e. China, which constitutes $\sim 45 \%$ of the total global trade; (2) high ocean freight due to shortage of ships and port congestion; (3) limited supply growth in the international market due to infrastructure bottlenecks and consolidation of miners; and (4) supply of substitute i.e. steel scrap has been limited as scrap collection in main scrap generating developed countries has peaked.


Source: Industry
Sesa Goa is a play on iron ore prices, while SAIL, Jindal Steel \& Power benefit when steel prices are pushed up due to rising iron ore costs.

High coke prices to squeeze margins of small Indian pig iron producers
Extraordinary snowfall in China and flooding of mines in Australia during early 2008 has disrupted coal supplies significantly. China had imposed a temporary export ban. BHPBilliton alone has lost shipment of 8.5 m tons of coking coal for the year. ABARE has forecast only 4 m tons of incremental coking coal supplies in 2008. This is grossly insufficient to meet $\sim 6 \%$ growth in steel consumption. Therefore, the prices of coking coal have increased to as high as US\$330/ton versus the annual contract price of US\$96-98/ton in 2007.


Source: IISI

Among the large players, only Tata Steel and Steel Authority of India (SAIL) have captive coking coal mines that meet $67 \%$ and $5 \%$ of their respective requirement. JSW Steel' s margins are at risk due to its full exposure to coking and non-coking coal imports for steel production and power generation and absence of captive iron ore mines.

## Indian sponge iron producers are beneficiaries of rising metallics prices

International prices of metallics are increasing due to: (1) rising production costs of pig iron on account of unprecedented increase in coking coal and iron ore prices and (2) lack of growth in steel scrap supply. Shortage of iron ore and steel scrap has been driving up steel prices. Prices of sponge iron moves in tandem with the scrap prices as India continues to import scrap due to low domestic generation. Indian mini steel mills making steel through the sponge iron route are the beneficiaries of rising prices of steel metallics because their costs have not increased as much as that of global players and margins are expected to increase as Indian sponge iron producers remain insulated from high ocean freight and international prices of iron ore and coal.


We prefer investments in sponge-iron based mini steel mills and advise staying away from pig iron-based mini mills. Godawari Power and Bhushan Steel have strong balance sheets and their raw material linkages will improve substantially in coming years. They have drawn up growth plans to plough in the strong cashflows to increase capacity and set up pelletization plants to reduce raw material costs.

## Steel prices above US $\$ 1,000 /$ ton for HRC and no sign of peaking

Steel prices are reaching new highs and have now crossed US\$ $1,000 /$ ton due to strong demand, end of de-stocking in second half of 2007, declining exports from China, restricted growth in steel production due to coking coal shortage, and rising raw material prices. We still see no sign of prices peaking as demand remains strong and seaborne supplies from Russia, Ukraine, China, Brazil and India are declining simultaneously. We like integrated steel producers such as T ata Steel, SAIL and Jindal Steel \& Power that are key beneficiaries of rising steel prices since they are partially insulated from raw materials costs pressure due to captive mines. JSW Steel is vulnerable due to absence of captive raw materials.

## Non-ferrous metals

Long term outlook for Aluminium has significantly improved: Aluminum prices are up significantly this year after reduced production from China due to power outages caused by severe snow storms. Aluminum prices have increased $11 \%$ QoQ to US\$2,779/ton and $1 \%$ YoY. We have revised our EPSestimates upward for Hindalco, Nalco and Sterlite due to change of average aluminium price assumption from US\$2,500 to US\$2,750/ton. We re-iterate Buy on Sterlite due to its strong volume growth in both aluminium and zinc metals, and strong pipeline of projects in the energy business.


Source: IAI and LME

AVERAGE METAL PRICES ON LME (US\$/TON)

| QUARTER | ZINC |  |  | ALUMINIUN |  |  | COPPER |  |  | LEAD |  |  | ALUMINA |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | AVG. | QOQ \% | YOY \% | AVG. | QOQ \% | YOY \% | AVG. | QOQ \% | Yoy \% | AVG. | QOQ \% | YOY \% | AVG. | QOQ \% | Yoy \% |
| 4QFY08 | 2,460 | -8 | -29 | 2,779 | 11 | 1 | 7,741 | 7 | 30 | 2,900 | -10 | 66 | 391 | 14 | 21 |
| 3QFY08 | 2,664 | -17 | -36 | 2,500 | -4 | -8 | 7,259 | -5 | 2 | 3,232 | 4 | 104 | 343 | -1 | 43 |
| 2QFY08 | 3,221 | -12 | -4 | 2,610 | -7 | 3 | 7,624 | 1 | 0 | 3,094 | 42 | 159 | 347 | -4 | 2 |
| 1 QFY08 | 3,679 | 7 | 14 | 2,802 | 2 | 4 | 7,578 | 27 | 6 | 2,184 | 25 | 95 | 360 | 12 | -38 |
| 4QFY07 | 3,441 | -17 | 52 | 2,748 | 1 | 12 | 5,975 | -16 | 23 | 1,751 | 10 | 43 | 322 | 34 | -47 |
| 3QFY07 | 4,142 | 23 | 152 | 2,726 | 8 | 32 | 7,096 | -7 | 72 | 1,587 | 33 | 57 | 240 | -29 | -55 |
| 2QFY07 | 3,359 | 4 | 155 | 2,531 | -6 | 37 | 7,628 | 7 | 115 | 1,194 | 7 | 37 | 340 | -42 | -21 |
| 1QFY07 | 3,239 | 43 | 152 | 2,684 | 10 | 50 | 7,158 | 47 | 123 | 1,119 | -9 | 18 | 583 | -4 | 34 |
| 4QFY06 | 2,267 | 38 | 71 | 2,447 | 18 | 29 | 4,862 | 18 | 55 | 1,224 | 21 | 31 | 607 | 15 | 46 |
| 3QFY06 | 1,642 | 25 | 45 | 2,071 | 12 | 14 | 4,130 | 17 | 39 | 1,011 | 16 | 9 | 530 | 23 | 32 |
| 2QFY06 | 1,316 | 2 | 32 | 1,849 | 3 | 8 | 3,544 | 10 | 27 | 869 | -8 | 0 | 432 | 0 | 29 |
| 1QFY06 | 1,287 | -3 | 23 | 1,795 | -5 | 6 | 3,213 | 3 | 19 | 949 | 1 | 22 | 434 | 5 | -5 |
| 4QFY05 | 1,327 | 17 | 22 | 1,891 | 4 | 13 | 3,127 | 5 | 16 | 937 | 1 | 15 | 415 | 3 | -1 |
| 3QFY05 | 1,131 | 13 | 20 | 1,818 | 6 | 19 | 2,975 | 7 | 45 | 927 | 6 | 47 | 401 | 19 | 29 |
| 2QFY05 | 998 | -4 | 19 | 1,718 | 2 | 21 | 2,788 | 3 | 58 | 872 | 12 | 71 | 336 | -27 | 18 |
| 1 QFY05 | 1,043 | -4 | 32 | 1,690 | 1 | 22 | 2,698 | 0 | 63 | 777 | -5 | 68 | 450 | 9 | 62 |

> Source: Bloomberg \& Motilaloswal Research

## Stock performance and valuations

STOCK PERFORMANCE (\%)

|  | ABSOLUTE PERF |  | REL PERF TO SENSEX |  | REL PERF TO SECTOR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 M | 1 YEAR | 3 M | 1 YEAR | 3 M | 1 YEAR |
| Metals |  |  |  |  |  |  |
| Hindalco | -18 | 35 | 1 | 8 | 9 | -52 |
| Hindustan Zinc | -34 | -3 | -15 | -30 | -8 | -90 |
| Jindal Steel \& Power | -27 | 369 | -8 | 342 | -1 | 282 |
| JSW Steel | -38 | 74 | -19 | 47 | -12 | -12 |
| Nalco | -7 | 100 | 12 | 73 | 19 | 13 |
| SAIL | -29 | 80 | -10 | 53 | -3 | -7 |
| Sterlite Inds. | -28 | 62 | -9 | 35 | -2 | -25 |
| Tata Steel | -23 | 84 | -4 | 57 | 3 | -3 |

RELATIVE PERFORMANCE - 3 MONTH (\%)


RELATIVE PERFORMANCE - 1 YEAR (\%)


COMPARATIVE VALU ATION

|  | CMP (RS) | RECO | EPS (RS) |  |  | P/E (X) |  |  | EV/EBITDA |  |  | ROE (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 28.03 .08 |  | FY08E | FY09E | FY10E | FY 08E | FY09E | FY 10E | FY08E | FY09E | FY 10E | FY08E | FY09E | FY 10 E |
| Metals |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hindalco | 175 | Neutral | 14.0 | 19.5 | 28.0 | 12.5 | 9.0 | 6.3 | 7.8 | 6.0 | 5.7 | 11.9 | 13.8 | 17.3 |
| Hindustan Zinc | 536 | Buy | 94.7 | 93.0 | 106.4 | 5.7 | 5.8 | 5.0 | 3.0 | 2.3 | 2.1 | 35.3 | 26.3 | 23.6 |
| Jindal Steel \& Power* | 2,219 | Buy | 74.1 | 120.7 | 161.1 | 30.0 | 18.4 | 13.8 | 17.5 | 11.3 | 8.9 | 31.9 | 34.6 | 31.9 |
| JSW Steel | 819 | Neutral | 90.6 | 117.6 | 152.1 | 9.0 | 7.0 | 5.4 | 7.9 | 5.9 | 5.0 | 23.2 | 24.2 | 23.9 |
| Nalco | 463 | Neutral | 26.7 | 34.8 | 43.1 | 17.3 | 13.3 | 10.8 | 11.8 | 8.4 | 6.0 | 19.4 | 21.2 | 21.7 |
| SAIL | 198 | Buy | 20.4 | 23.2 | 24.5 | 9.7 | 8.5 | 8.1 | 5.3 | 4.7 | 4.6 | 34.9 | 29.7 | 24.7 |
| Sterlite Inds. | 756 | Buy | 56.7 | 62.0 | 58.6 | 13.3 | 12.2 | 12.9 | 5.2 | 4.2 | 3.8 | 18.3 | 17.0 | 13.8 |
| Tata Steel | 717 | Buy | 82.8 | 114.3 | 128.4 | 8.7 | 6.3 | 5.6 | 5.2 | 4.5 | 4.1 | 14.5 | 17.2 | 16.7 |
| Sector Aggregate |  |  |  |  |  | 10.8 | 8.9 | 7.8 | 6.2 | 5.1 | 4.6 | 21.2 | 21.0 | 19.7 |

*Standalone

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | HNDL IN |
| REUTERS CODE |  |
| S\&P CNX: 4,942 | HALC.BO |
|  |  |
| Equity Shares (m) | $1,306.8$ |
| 52-Week Range | $223 / 127$ |
| 1,6,12 Rel. Perf. (\%) | $-6 / 7 / 8$ |
| M.Cap. (Rs b) | 229.3 |
| M.Cap. (US\$ b) | 5.8 |



Consolidated
\& During 4QFY08, we expect standalone PAT to decline $19.2 \%$ YoY to Rs6.2b due to appreciation of the rupee by $10 \%$, and falling TcRc margins. Volumes are expected to remain flat YoY.
\& Expansion of the Muri alumina refinery to 450 k tpa and Hirakud from 100 to 143 k tpa are expected by March 2008. Aluminum capacity would rise 3 x to 1.5 m tpa by 2010-2012 and growth would largely be back ended.

* We have revised our EPS estimates upward by $21.1 \%$ to Rs 19.5 for FY09E and Rs 28 for FY10E due to a change in the average aluminium price assumption from US\$2,500 to US\$2,750/ton. Aluminum prices are up significantly this year after reduced production from China due to power outages caused by severe snow storms. We are positive on aluminum prices but are concerned for Novellis, which continues to suffer on account of fixed price contracts and demand slowdown in USA. We maintain Neutral.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  | (RS MILLION) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3 Q | 4Q | 1Q | 2Q | 3 Q | 4QE |  |  |
| Net Sales | 42,737 | 46,342 | 46,562 | 47,489 | 46,779 | 49,597 | 45,317 | 50,959 | 183,130 | 192,652 |
| Change (YoY\%) | 93.6 | 74.2 | 62.0 | 29.8 | 9.5 | 7.0 | -2.7 | 7.3 | 60.7 | 5.2 |
| Total Expenditure | 33,403 | 36,478 | 36,109 | 36,340 | 37,936 | 40,380 | 37,311 | 41,428 | 142,330 | 157,055 |
| EBITDA | 9,334 | 9,864 | 10,453 | 11,149 | 8,843 | 9,217 | 8,006 | 9,531 | 40,800 | 35,597 |
| Change (YoY\%) | 54.4 | 102.2 | 79.3 | 19.9 | -5.3 | -6.6 | -23.4 | -14.5 | 56.6 | -12.8 |
| As \% of Net Sales | 21.8 | 21.3 | 22.4 | 23.5 | 18.9 | 18.6 | 17.7 | 18.7 | 22.3 | 18.5 |
| Interest | 634 | 515 | 698 | 577 | 562 | 632 | 622 | 682 | 2,424 | 2,498 |
| Depreciation | 1,341 | 1,353 | 1,384 | 1,576 | 1,428 | 1,446 | 1,460 | 1,446 | 5,654 | 5,780 |
| Other Income | 776 | 1,108 | 584 | 1,233 | 1,246 | 1,098 | 1,143 | 700 | 3,701 | 4,187 |
| PBT (before EO item) | 8,135 | 9,104 | 8,955 | 10,229 | 8,099 | 8,237 | 7,067 | 8,103 | 36,423 | 31,506 |
| Extra-ordinary Income | - | -727.0 | - | (650) | - | - | - | - | -1,377.0 |  |
| PBT (after EO item) | 8,135 | 8,377 | 8,955 | 9,579 | 8,099 | 8,237 | 7,067 | 8,103 | 35,046 | 31,506 |
| Total Tax | 2,120 | 2,401 | 2,516 | 2,366 | 2,070 | 1,809 | 1,640 | 1,880 | 9,403 | 7,399 |
| \% Tax | 26.1 | 28.7 | 28.1 | 24.7 | 25.6 | 22.0 | 23.2 | 23.2 | 26.8 | 23.5 |
| Reported PAT | 6,015 | 5,976 | 6,439 | 7,213 | 6,029 | 6,428 | 5,427 | 6,223 | 25,643 | 24,107 |
| Adjusted PAT | 6,015 | 6,495 | 6,439 | 7,702 | 6,029 | 6,428 | 5,427 | 6,223 | 26,651 | 24,107 |
| Change (YoY \%) | 61.1 | 107.4 | 89.5 | 22.9 | 0.2 | -1.0 | -15.7 | -19.2 | 61.2 | -9.5 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | HZ IN |
| REUTERS CODE |  |
| S\&P CNX: 4,942 | HZNC.BO |
| Equity Shares (m) |  |
| 52-Week Range | 422.5 |
| 1,6,12 Rel. Perf. (\%) | $-11 /-29 /-309 / 507$ |
| M.Cap. (Rs b) | 226.7 |
| M.Cap. (US\$ b) | 5.7 |


| 28 March 2008 Buy |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs536 |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | ROE | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 3/07A | 85,602 | 44,418 | 105.1 | 1201.7 | 5.1 | 3.0 | 58.2 | 78.8 | 2.1 | 2.8 |
| 3/08E | 73,268 | 40,027 | 94.7 | -9.9 | 5.7 | 2.0 | 35.3 | 41.5 | 2.1 | 3.0 |
| 3/09E | 80,207 | 39,308 | 93.0 | -1.8 | 5.8 | 1.5 | 26.3 | 33.8 | 1.6 | 2.3 |
| 3/10E | 89,228 | 44,948 | 106.4 | 414.3 | 5.0 | 1.2 | 23.6 | 28.2 | 0.9 | 1.5 |

\& During 4QFY08, we expect net sales to decrease $15.2 \%$ YoY to Rs17.1b due to lower zinc prices at the LME, rupee appreciation, and lower import duty.

E EBITDA is expected to decline $20.2 \%$ YoY to Rs11.2b and margins would contract 420 bp to $65.1 \%$ due to falling realizations.
\& Profit after tax is likely to decrease $5.4 \%$ YoY to Rs8.8b.
\& Production of refined zinc metal is expected to increase $21 \%$ YoY to 115 k tons in 4 QFY 08 E and $26 \%$ YoY to 510 k tons in FY09 due to full ramp up of the new 170k tpa smelter commissioned recently. Higher production of refined metal will correspondingly reduce sales volumes of zinc concentrate and improve product mix. We reiterate Buy.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 10 | 2 Q | 30 | 4QE |  |  |
| Net Sales | 16,100 | 24,410 | 24,800 | 20,210 | 19,700 | 19,840 | 16,580 | 17,148 | 85,602 | 73,268 |
| Change (YoY \%) | 205.5 | 269.8 | 171.9 | 13.9 | 22.4 | -18.7 | -33.1 | -15.2 | 120.8 | -14.4 |
| Total Expenditure | 3,660 | 5,850 | 5,730 | 6,210 | 5,340 | 5,650 | 6,140 | 5,976 | 21,528 | 23,106 |
| EBITDA | 12,440 | 18,560 | 19,070 | 14,000 | 14,360 | 14,190 | 10,440 | 11,172 | 64,074 | 50,162 |
| Change (YoY \%) | 465.5 | 535.6 | 270.3 | 11.2 | 15.4 | -23.5 | -45.3 | -20.2 | 178.4 | -21.7 |
| As \% of Net Sales | 77.3 | 76.0 | 76.9 | 69.3 | 72.9 | 71.5 | 63.0 | 65.1 | 74.9 | 68.5 |
| Interest | 270 | 100 | -110 | 20 | 70 | 60 | 60 | 85 | 284 | 275 |
| Depreciation | 370 | 370 | 370 | 450 | 450 | 490 | 540 | 450 | 1,566 | 1,930 |
| Other Income | 470 | 460 | 640 | 740 | 2,700 | 1,440 | 1,110 | 1,650 | 2,313 | 6,900 |
| PBT (before EO item) | 12,270 | 18,550 | 19,450 | 14,270 | 16,540 | 15,080 | 10,950 | 12,287 | 64,537 | 54,857 |
| Extra-ordinary Income |  |  |  |  |  |  |  |  |  |  |
| PBT (after EO item) | 12,270 | 18,550 | 19,450 | 14,270 | 16,540 | 15,080 | 10,950 | 12,287 | 64,537 | 54,857 |
| Total Tax | 3,530 | 5,570 | 6,100 | 4,920 | 4,690 | 3,600 | 3,100 | 3,440 | 20,119 | 14,830 |
| \% Tax | 28.8 | 30.0 | 31.4 | 34.5 | 28.4 | 23.9 | 28.3 | 28.0 | 31.2 | 27.0 |
| Reported PAT | 8,740 | 12,980 | 13,350 | 9,350 | 11,850 | 11,480 | 7,850 | 8,847 | 44,418 | 40,027 |
| Adjusted PAT | 8,740 | 12,980 | 13,350 | 9,350 | 11,850 | 11,480 | 7,850 | 8,847 | 44,418 | 40,027 |
| Change (YoY \%) | 502.8 | 562.2 | 305.8 | 16.6 | 35.6 | -11.6 | -41.2 | -5.4 | 201.7 | -9.9 |

E:MOSt Estimates

# Jindal Steel \& Power 

| STOCK INFO. <br> BSE Sensex: 16,371 | BLOOMBERG |
| :---: | :---: |
|  | JSP IN |
|  | Reuters code |
| S\&P CNX: 4,942 J | JNSP.BO |
| Equity Shares (m) | 154 |
| 52-Week Range | 3,356/445 |
| 1,6,12 Rel. Perf. (\%) | \%) 2/119/342 |
| M.Cap. (Rs b) | 341.6 |
| M.Cap. (US\$ b) | 8.5 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | $\begin{array}{r} \text { Buy } \\ \text { Rs2,219 } \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net Sales | PAT | EPS | EPS | P/E | P/BV | ROE | Roce | EV/ | EV/ |
| End | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | ebitda |
| 3/07A | 35,198 | 7,028 | 228.2 | 22.6 | 66.5 | 18.9 | 28.4 | 16.6 | 14.3 | 35.8 |
| 3/08E | 55,635 | 11,196 | 363.6 | 59.3 | 41.7 | 13.2 | 31.6 | 22.5 | 9.0 | 22.9 |
| 3/09E | 63,602 | 12,488 | 405.6 | 11.5 | 37.4 | 9.9 | 26.4 | 21.4 | 7.9 | 21.0 |
| 3/10E | 84,264 | 18,111 | 588.2 | 45.0 | 25.8 | 7.2 | 28.0 | 21.2 | 6.1 | 15.7 |

\& During 4QFY08, we expect net sales to grow $48.6 \%$ YoY to Rs15.7b, driven by volume growth in steel business.
\& EBITDA is likely to increase $51.2 \%$ YoY to Rs5.9b. Interest expenses will increase due to the impact of capex. Posttax adjusted profit is likely to move up $54.3 \%$ YoY to Rs3.1b.
\& The first module of 250 MW of JPL's 1,000MW project has already started and remaining 3 modules will be completed by July 2008. JSPL has further ordered 1,620MW captive power for its Raigarh and Orissa sites.

25 We have revised our consolidated EPS by $6 \%$ to Rs175 for FY09E and by $18.5 \%$ to Rs 247 for FY10E, factoring the stronger steel prices and power tariff on merchant sales. Strong growth in steel business and JSPL' s plans to grow its power business aggressively will continue to re-rate the stock. Our SOTP valuation is Rs3,425. Maintain Buy.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4 Q | 1 Q | 2 Q | 30 | 4QE |  |  |
| Net Sales | 6,662 | 7,896 | 10,101 | 10,539 | 12,231 | 12,690 | 13,956 | 15,664 | 35,198 | 54,541 |
| Change (YoY \%) | 5.8 | 27.1 | 61.6 | 56.5 | 83.6 | 60.7 | 38.2 | 48.6 | 35.9 | 55.0 |
| Total Expenditure | 3,413 | 4,812 | 6,327 | 6,622 | 7,440 | 7,284 | 8,633 | 9,743 | 21,174 | 33,098 |
| EBITDA | 3,249 | 3,085 | 3,773 | 3,917 | 4,792 | 5,407 | 5,324 | 5,921 | 14,024 | 21,443 |
| Change (YoY \%) | 21.7 | 18.5 | 64.5 | 45.8 | 47.5 | 75.3 | 41.1 | 51.2 | 39.3 | 52.9 |
| As \% of Net Sales | 48.8 | 39.1 | 37.4 | 37.2 | 39.2 | 42.6 | 38.1 | 37.8 | 39.8 | 39.3 |
| Interest | 558 | 330 | 363 | 250 | 621 | 791 | 500 | 506 | 1,503 | 2,417 |
| Depreciation | 621 | 642 | 919 | 1,183 | 1,115 | 1,178 | 1,188 | 1,101 | 3,365 | 4,581 |
| Other Income | 32 | 33 | 24 | 201 | 96 | 29 | 118 | 58 | 290 | 301 |
| PBT (before EO item) | 2,103 | 2,145 | 2,516 | 2,685 | 3,152 | 3,467 | 3,754 | 4,372 | 9,446 | 14,745 |
| Extra-ordinary Income |  |  |  |  | 250 |  |  |  | 2 | 250 |
| PBT (after EO item) | 2,103 | 2,145 | 2,516 | 2,685 | 3,402 | 3,467 | 3,754 | 4,372 | 9,448 | 14,995 |
| Total Tax | 572 | 573 | 617 | 657 | 901 | 692 | 564 | 1,243 | 2,419 | 3,400 |
| \% Tax | 27.2 | 26.7 | 24.5 | 24.5 | 26.5 | 20.0 | 15.0 | 28.4 | 25.6 | 22.7 |
| Reported PAT | 1,531 | 1,572 | 1,899 | 2,028 | 2,501 | 2,775 | 3,191 | 3,129 | 7,030 | 11,595 |
| Adjusted PAT | 1,531 | 1,572 | 1,899 | 2,028 | 2,317 | 2,775 | 3,191 | 3,129 | 7,028 | 11,402 |
| Change (YoY \%) | 1.9 | 8.0 | 50.1 | 34.6 | 51.4 | 76.5 | 68.0 | 54.3 | 22.6 | 62.2 |

E: MOSt Estimates

| STOCK INFO. <br> BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | JSTL IN |
|  | reuters code |
| S\&P CNX: 4,942 JS | JSTL.BO |
| Equity Shares (m) | 200.8 |
| 52-Week Range | 1,390/461 |
| 1,6,12 Rel. Perf. (\%) | \%) -16/2/47 |
| M.Cap. (Rs b) | 164.5 |
| M.Cap. (US\$ b) | 4.1 |

28 March 2008

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs819 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | NET SALES | PAT | EPS | EPS | P/E | P/BV | ROE | ROCE | EV/ | EV/ |
| End | (RS M) | (RS M) | (RS) | Growth (\%) | (X) | (X) | (\%) | (\%) | sales | ebitda |
| 3/07A | 85,944 | 12,340 | 71.7 | 90.5 | 11.4 | 2.6 | 23.0 | 21.0 | 2.0 | 6.5 |
| 3/08E | 113,229 | 15,588 | 90.6 | 26.3 | 9.0 | 2.1 | 23.2 | 14.6 | 2.0 | 7.2 |
| 3/09E | 188,995 | 20,247 | 117.7 | 29.9 | 7.0 | 1.7 | 24.2 | 14.9 | 1.5 | 5.7 |
| 3/10E | 240,980 | 28,248 | 152.1 | 29.2 | 5.4 | 1.3 | 23.9 | 16.2 | 1.3 | 5.0 |

$\&$ We expect net sales to grow $23.9 \%$ YoY to Rs30.9b. We expect volume growth of $6.5 \%$ YoY while realizations would grow $16.3 \%$ YoY.

25 EBITDA is likely to grow 6.5\% YoY to Rs8.6b. Margins would decline 450bp YoY to $27.6 \%$ due to mounting raw material cost pressures. PAT should grow $11.9 \%$ YoY to Rs4.2b.

* We have revised our earnings estimate downward by $7 \%$ to Rs1 17.6 for FY09 after factoring in higher steel prices and increased coal and iron ore costs. Maintain Neutral.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4Q | 1Q | 2Q | 3 Q | 4QE |  |  |
| Sales (tons) | 543,000 | 656,000 | 688,000 | 784,000 | 635,000 | 730,000 | 775,000 | 835,000 | 2,672,759 | ,975,000 |
| Change (YoY\%) | 21.5 | 15.7 | 33.1 | 33.0 | 16.9 | 11.3 | 12.6 | 6.5 | 26.2 | 11.3 |
| Realisation (Rs per ton) | 28,902 | 33,454 | 33,452 | 31,869 | 34,500 | 32,644 | 33,072 | 37,069 | 32,042 | 34,394 |
| Change (YoY\%) | -16.1 | 23.1 | 13.9 | 18.6 | 19.4 | -2.4 | -1.1 | 16.3 | 9.8 | 7.3 |
| Net Sales | 15,694 | 21,946 | 23,015 | 24,985 | 21,907 | 23,830 | 25,631 | 30,953 | 85,640 | 102,321 |
| Change (YoY \%) | 2.0 | 42.5 | 51.6 | 57.8 | 39.6 | 8.6 | 11.4 | 23.9 | 38.6 | 19.5 |
| Total Expenditure | 11,136 | 14,983 | 15,318 | 16,954 | 14,428 | 17,046 | 18,712 | 22,400 | 58,390 | 72,585 |
| EBITDA | 4,558 | 6,963 | 7,697 | 8,032 | 7,479 | 6,784 | 6,919 | 8,553 | 27,250 | 29,736 |
| Change (YoY\%) | -6.9 | 86.2 | 83.4 | 100.2 | 64.1 | -2.6 | -10.1 | 6.5 | -40.2 | 9.1 |
| As \% of Net Sales | 29.0 | 31.7 | 33.4 | 32.1 | 34.1 | 28.5 | 27.0 | 27.6 | 31.8 | 29.1 |
| EBITDA (Rs per ton) | 8,394 | 10,614 | 11,188 | 10,245 | 11,778 | 9,293 | 8,928 | 10,243 | 10,196 | 9,995 |
| Interest | 887 | 967 | 1,107 | 1,016 | 860 | 681 | 953 | 1,100 | 3,978 | 3,593 |
| Depreciation | 1,025 | 1,164 | 1,295 | 1,498 | 1,322 | 1,354 | 1,698 | 1,686 | 4,982 | 6,060 |
| Other Income | 16 | 84 | 64 | 245 | 215 | 1,247 | 351 | 650 | 409 | 2,462 |
| PBT (before EO Item) | 2,662 | 4,915 | 5,360 | 5,762 | 5,512 | 5,996 | 4,620 | 6,417 | 18,699 | 22,545 |
| EO ltems | 0 | 0 | 0 | 447 | 620 | 1,111 | 0 | 0 | 447 | 1,731 |
| PBT (after EO Item) | 2,662 | 4,915 | 5,360 | 6,209 | 6,132 | 7,107 | 4,620 | 6,417 | 19,146 | 24,276 |
| Total Tax | 959 | 1,452 | 1,738 | 2,077 | 1,854 | 1,995 | 1,338 | 2,135 | 6,226 | 7,322 |
| \% Tax | 36.0 | 29.5 | 32.4 | 33.4 | 30.2 | 28.1 | 29.0 | 33.3 | 32.5 | 30.2 |
| Reported PAT | 1,703 | 3,463 | 3,622 | 4,133 | 4,278 | 5,112 | 3,282 | 4,282 | 12,920 | 16,954 |
| Preference Dividend | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 279 | 279 |
| Adjusted PAT | 1,633 | 3,393 | 3,552 | 3,765 | 3,775 | 4,243 | 3,212 | 4,212 | 12,339 | 15,466 |
| Change (YoY\%) | -18.5 | 219.2 | 146.6 | 143.5 | 131.2 | 25.1 | -9.6 | 11.9 | -63.2 | 25.3 |

$\overline{\text { E: MOSt Estimates }}$
Sanjay Jain (SanjayJain@MotilalOswal.com);Tel:+9122 39825412/Ashutosh Somani (Ashutosh.Somani@motilaloswal.com);Tel:+9122 39825425

| STOCK INFO. |  |
| :--- | ---: |
| BSE Sensex: 16,371 | NACL IN |
|  | REUTERS CODE |
| S\&P CNX: 4,942 | NALU.BO |
| Equity Shares (m) | 644.3 |
| 52-Week Range | $547 / 222$ |
| 1,6,12 Rel. Perf. (\%) | $5 / 59 / 73$ |
| M.Cap. (Rs b) | 298.2 |
| M.Cap. (US\$ b) | 7.5 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs463 |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | EPS GROWTH (\%) | P/E <br> (X) | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | ROE <br> (\%) | ROCE <br> (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 59,402 | 23,926 | 37.1 | 55.1 | 12.5 | 3.9 | 31.1 | 38.9 | 4.4 | 7.4 |
| 3/08E | 49,495 | 17,216 | 26.7 | -28.0 | 17.3 | 3.4 | 19.4 | 21.4 | 5.5 | 11.8 |
| 3/09E | 55,983 | 22,405 | 34.8 | 30.1 | 13.3 | 2.8 | 21.2 | 26.1 | 4.8 | 8.4 |
| 3/10E | 70,162 | 27,739 | 43.1 | 23.8 | 10.8 | 2.3 | 21.7 | 27.8 | 3.5 | 6.0 |

\& We expect net sales to decline $12.8 \%$ YoY to Rs13.7b. Revenue from the chemicals segment is expected to increase $15 \%$ YoY due to higher alumina prices. Revenue from the aluminum segment is expected to decline $10 \%$ YoY, owing to rupee appreciation by $10 \% \mathrm{YoY}$.
\& EBITDA is expected to decline $23.6 \%$ YoY to Rs6.7b primarily on account of weak metal prices. Profit after tax is likely to decline $14.4 \%$ YoY to Rs5.1b.
\& We are revising our EPS estimate for FY09E to Rs34.8 (earlier Rs30.6) and for FY10E to Rs43.1 (earlier Rs38.1) factoring higher aluminum prices at the LME of US\$2,750/ton (against the earlier US\$2,500/ton), owing to the improved outlook for the metal due to supply constraints.
\& The stock is now trading at $13.3 x$ FY09E EPS. Maintain Neutral.

| Quarterly performance (standalone) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 O | 30 | 4 Q | 10 | 2 Q | 30 | 4QE |  |  |
| Net Sales | 14,855 | 14,416 | 14,486 | 15,668 | 11,652 | 13,082 | 11,093 | 13,668 | 59,425 | 49,495 |
| Change (YoY \%) | 51.8 | 37.7 | 9.3 | 1.9 | -21.6 | -9.3 | -23.4 | -12.8 | 21.6 | -16.7 |
| Total Expenditure | 5,512 | 5,665 | 6,037 | 6,870 | 5,488 | 7,397 | 6,693 | 6,950 | 24,083 | 26,528 |
| EBITDA | 9,344 | 8,751 | 8,449 | 8,798 | 6,164 | 5,685 | 4,401 | 6,718 | 35,341 | 22,967 |
| Change (YoY \%) | 90.9 | 90.7 | 27.2 | -9.3 | -34.0 | -35.0 | -47.9 | -23.6 | 36.8 | -35.0 |
| As \% of Net Sales | 62.9 | 60.7 | 58.3 | 56.2 | 52.9 | 43.5 | 39.7 | 49.1 | 59.5 | 46.4 |
| Interest | 0 | 0 | 0 | 0 | 1 | 6 | 0 | 0 | 0 | 7 |
| Depreciation | 787 | 771 | 744 | 819 | 692 | 683 | 662 | 698 | 3,121 | 2,735 |
| Other Income | 834 | 1,014 | 978 | 1,199 | 1,310 | 1,644 | 1,380 | 1,634 | 4,025 | 5,967 |
| PBT (before EO Item) | 9,391 | 8,994 | 8,684 | 9,178 | 6,782 | 6,639 | 5,118 | 7,653 | 36,246 | 26,192 |
| Extra-ordinary Exp. |  |  |  |  |  |  |  |  | -170 | 0 |
| PBT (after EO Item) | 9,391 | 8,994 | 8,684 | 9,178 | 6,782 | 6,639 | 5,118 | 7,653 | 36,076 | 26,192 |
| Total Tax | 3,168 | 3,044 | 2,958 | 3,270 | 2,315 | 2,242 | 1,824 | 2,596 | 12,440 | 8,976 |
| \% Tax | 33.7 | 33.8 | 34.1 | 35.6 | 34.1 | 33.8 | 35.6 | 33.9 | 34.5 | 34.3 |
| Reported PAT | 6,223 | 5,950 | 5,726 | 5,908 | 4,467 | 4,397 | 3,294 | 5,057 | 23,636 | 17,216 |
| Change (YoY \%) | 121.8 | 110.2 | 45.7 | -2.8 | -28.2 | -26.1 | -42.5 | -14.4 | 50.8 | -27.5 |

$\overline{\text { E: MOSt Estimates }}$

# Sterlite Industries 

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | STLT IN |
| REUTERS CODE |  |
| S\&P CNX: 4,942 | STRL.BO |
| Equity Shares (m) | 708.7 |
|  | $1,140 / 415$ |
| 1,6,12 Rel. Perf. (\%) | $-3 / 6 / 35$ |
| M.Cap. (Rs b) | 535.9 |
| M.Cap. (US\$ b) | 13.6 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs756 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | 5 PAT | EPS | EPS | P/E | P/BV | Roe | Roce | Ev/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | Growt (\%) | (X) | (X) | (\%) | (\%) | SaLES | Ebitda |
| 3/07A | 243,868 | 45,005 | 80.6 | 34 | 9.4 | 4.3 | 45.8 | 48.7 | 1.7 | 4.4 |
| 3/08E | 239,592 | 40,198 | 56.7 | -30 | 13.3 | 2.4 | 18.3 | 21.7 | 1.6 | 5.2 |
| 3/09E | 264,662 | 43,970 | 62.0 | 9 | 12.2 | 2.1 | 17.0 | 20.2 | 1.3 | 4.2 |
| 3/10E | 277,561 | 41,558 | 58.6 | -5 | 12.9 | 1.8 | 13.8 | 16.4 | 1.0 | 3.5 |

\& We expect net sales to decline $3.7 \%$ YoY to Rs60.2b, due to fall in zinc prices at the LME, rupee appreciation, and falling TcRc margins in the copper business.
\& EBITDA is expected to decline $24 \%$ YoY and the margin would contract 760 bp to $28.7 \%$.
2 Profit after tax is likely to decrease $18.2 \%$ YoY to Rs9.4b.

* The stock trades at an EV of 4.2x FY09E EBITDA. We have revised our EPS estimates upward marginally by 3.3\% for FY09E and $3.5 \%$ for FY10E due to the change in aluminum price assumption to US\$2750/ton (earlier US\$2500/ ton). Maintain Buy.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Net Sales | 46,030 | 67,180 | 68,143 | 62,516 | 61,391 | 65,671 | 52,332 | 60,197 | 243,868 | 239,592 |
| Change (YoY\%) | 146.3 | 153.8 | 94.1 | 22.6 | 33.4 | -2.2 | -23.2 | -3.7 | 86.1 | -1.8 |
| Total Expenditure | 27,531 | 41,434 | 40,515 | 39,799 | 39,830 | 46,013 | 36,616 | 42,947 | 149,280 | 165,406 |
| EBITDA | 18,499 | 25,746 | 27,628 | 22,716 | 21,561 | 19,658 | 15,717 | 17,250 | 94,589 | 74,186 |
| Change (YoY\%) | 379.1 | 392.4 | 215.7 | 19.3 | 16.6 | -23.6 | -43.1 | -24.1 | 156.5 | -21.6 |
| As \% of Net Sales | 40.2 | 38.3 | 40.5 | 36.3 | 35.1 | 29.9 | 30.0 | 28.7 | 38.8 | 31.0 |
| Interest | 898 | 1,163 | 856 | 874 | 955 | 643 | 681 | 300 | 3,791 | 2,578 |
| Depreciation | 1,834 | 1,871 | 1,888 | 2,446 | 2,031 | 2,046 | 2,142 | 1,941 | 8,039 | 8,160 |
| Other Income | 1,355 | 1,112 | 1,864 | 2,485 | 3,501 | 3,233 | 3,009 | 3,377 | 6,817 | 13,120 |
| PBT (before XO item) | 17,122 | 23,825 | 26,749 | 21,881 | 22,076 | 20,202 | 15,904 | 18,387 | 89,576 | 76,569 |
| Extra-ordinary Exp. | (122) | $(1,362)$ | (25) | (63) | - | - | - |  | $(1,572)$ |  |
| PBT (after XO item) | 17,000 | 22,463 | 26,724 | 21,818 | 22,076 | 20,202 | 15,904 | 18,387 | 88,004 | 76,569 |
| Total Tax | 4,790 | 6,862 | 7,763 | 4,702 | 5,247 | 4,465 | 4,138 | 4,317 | 24,118 | 18,166 |
| \% Tax | 28.2 | 30.6 | 29.0 | 21.5 | 23.8 | 22.1 | 26.0 | 23.5 | 27.4 | 23.7 |
| Reported PAT | 12,209 | 15,600 | 18,960 | 17,117 | 16,829 | 15,737 | 11,766 | 14,070 | 63,887 | 58,402 |
| Minority interest | 3,419 | 4,890 | 6,030 | 5,683 | 5,400 | 4,911 | 3,213 | 4,680 | 20,023 | 18,204 |
| Adjusted PAT | 8,878 | 11,656 | 12,948 | 11,483 | 11,429 | 10,826 | 8,553 | 9,390 | 45,005 | 40,198 |
| Change (YoY \%) | 435.7 | 348.2 | 226.3 | 41.0 | 28.7 | -7.1 | -33.9 | -18.2 | 168.5 | -10.7 |

E: MOSt Estimates

# Steel Authority of India 

| STOCK INFO. <br> BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | SAIL IN |
|  | reuters code |
| S\&P CNX: 4,942 SA | SAIL.BO |
| Equity Shares (m) | 4,130.4 |
| 52-Week Range | 293/106 |
| 1,6,12 Rel. Perf. (\%) | \%) -14/1/53 |
| M.Cap. (Rs b) | 816 |
| M.Cap. (US\$ b) | 20.5 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs198 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | S Pat | EPS | EPS | P/E | P/BV | ROE | Roce | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GRowTH (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 3/07A | 343,331 | 62,135 | 15.0 | 54.5 | 13.1 | 4.7 | 36.2 | 42.7 | 2.2 | 8.1 |
| 3/08E | 399,117 | 84,264 | 20.4 | 35.6 | 9.7 | 3.4 | 34.9 | 45.5 | 1.7 | 5.3 |
| 3/09E | 467,569 | 95,874 | 23.2 | 13.8 | 8.5 | 2.5 | 29.7 | 39.6 | 1.4 | 4.7 |
| 3/10E | 490,948 | 101,309 | 24.5 | 5.7 | 8.1 | 2.0 | 24.7 | 33.8 | 1.4 | 4.6 |

[^16]25 We expect net sales to grow $28.3 \%$ YoY to Rs131.8b driven by $16.5 \%$ growth in average realization and $10.1 \%$ growth in sales volume.
es EBITDA margin is likely to expand 760 bp YoY to $38.3 \%$, driven largely by strong growth in volumes and higher realizations.
\& Post-tax adjusted profit is likely to increase 64.3\% YoY to Rs32.7b.

2 SAIL remains insulated from iron ore prices due to its captive mines. We expect re-rating of the stock to continue due to its US\$12b capex plan, with full iron ore security, which would expand margins, improve product mix, and deliver strong volume growth in the next 3-5 years. Maintain Buy.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Sales (m tons) | 2.47 | 2.95 | 3.01 | 3.45 | 2.53 | 3.00 | 3.01 | 3.80 | 11.88 | 12.34 |
| Change (YoY\%) | 31.0 | 5.1 | 8.6 | -10.3 | 2.4 | 1.8 | -0.1 | 10.1 | 5.1 | 3.9 |
| Realization (Rs per ton) | 27,766 | 28,976 | 28,325 | 29,763 | 31,777 | 30,545 | 31,672 | 34,672 | 28,788 | 32,343 |
| Change (YoY\%) | -7.2 | 12.5 | 24.1 | 24.2 | 14.4 | 5.4 | 11.8 | 16.5 | 13.0 | 12.4 |
| Net Sales | 68,583 | 85,391 | 85,371 | 102,681 | 80,395 | 91,635 | 95,333 | 131,754 | 342,025 | 399,117 |
| Change (\%) | 21.6 | 18.3 | 34.8 | 11.4 | 17.2 | 7.3 | 11.7 | 28.3 | 18.8 | 16.7 |
| EBITDA | 17,803 | 23,333 | 26,226 | 31,566 | 23,829 | 26,293 | 29,834 | 50,401 | 98,928 | 130,356 |
| Change (YoY\%) | -10.8 | 18.9 | 91.1 | 108.2 | 33.8 | 12.7 | 13.8 | 59.7 | 44.5 | 31.8 |
| As \% of Net Sales | 26.0 | 27.3 | 30.7 | 30.7 | 29.6 | 28.7 | 31.3 | 38.3 | 28.9 | 32.7 |
| EBITDA per ton | 7,208 | 7,918 | 8,701 | 9,149 | 9,418 | 8,764 | 9,912 | 13,263 | 8,327 | 10,564 |
| Interest | 937 | 924 | 906 | 555 | 796 | 594 | 598 | 800 | 3,321 | 2,788 |
| Depreciation | 2,959 | 3,035 | 3,299 | 2,822 | 3,012 | 3,012 | 3,160 | 3,682 | 12,115 | 12,866 |
| Other Income | 1,513 | 2,261 | 2,231 | 2,388 | 3,069 | 3,043 | 3,143 | 3,494 | 8,392 | 12,750 |
| PBT (before EO Inc.) | 15,421 | 21,635 | 24,252 | 30,577 | 23,090 | 25,730 | 29,219 | 49,414 | 91,884 | 127,452 |
| EO Income(exp) | 5,582 |  | -1,910 | -1,330 |  |  |  |  | 2,342 |  |
| PBT (after EO Inc.) | 21,002 | 21,635 | 22,342 | 29,247 | 23,090 | 25,730 | 29,219 | 49,414 | 94,226 | 127,452 |
| Total Tax | 7,138 | 7,207 | 7,630 | 10,228 | 7,839 | 8,726 | 9,873 | 16,751 | 32,203 | 43,188 |
| \% Tax | 34.0 | 33.3 | 34.2 | 35.0 | 33.9 | 33.9 | 33.8 | 33.9 | 34.2 | 33.9 |
| Reported PAT | 13,864 | 14,428 | 14,712 | 19,019 | 15,251 | 17,004 | 19,347 | 32,662 | 62,023 | 84,264 |
| Adjusted PAT | 10,179 | 14,428 | 15,969 | 19,884 | 15,251 | 17,004 | 19,347 | 32,662 | 60,481 | 84,264 |
| Change (YoY \%) | -9.6 | 28.0 | 133.3 | 80.2 | 49.8 | 17.9 | 21.1 | 64.3 | 50.7 | 39.3 |

E: MOSt Estimates; Quarterly results don' t add up with full year results due to restating of past quarter results.

| STOCK INFO. <br> BSE Sensex: 16,371 | BLOOMBERG |
| :---: | :---: |
|  | TATA IN |
|  | reuters code |
| S\&P CNX: 4,942 TI | TISC.BO |
| Equity Shares (m) | 822.4 |
| 52-Week Range | 970/352 |
| 1,6,12 Rel. Perf. (\%) | \%) -5/1/57 |
| M.Cap. (Rs b) | 589.4 |
| M.Cap. (US\$ b) | 14.6 |


| 28 March 2008 Buy |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs717 |
| YEAR | NET SALES | 5 PAT | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 3/07A | 251,197 | 42,786 | 70.2 | 3.1 | 10.2 | 2.8 | 27.9 | 31.8 | 1.6 | 5.6 |
| 3/08E | 1,284,994 | 68,131 | 82.8 | 18.0 | 8.7 | 1.3 | 14.5 | 15.3 | 0.7 | 5.2 |
| 3/09E | 1,464,866 | 94,020 | 114.3 | 38.0 | 6.3 | 1.1 | 17.2 | 17.4 | 0.6 | 4.5 |
| 3/10E | 1,492,812 1 | 105,617 | 128.4 | 12.3 | 5.6 | 0.9 | 16.7 | 17.2 | 0.6 | 4.1 |

[^17]\& We expect standalone net sales to increase 8.4\% YoY to Rs54b, driven by 5.9\% YoY growth in realizations and $1.5 \%$ YoY growth in volumes.
\& We expect consolidated EPSto growat a CAGR of $22.3 \%$ during FY07-10, driven by overall volume growth in India.
8. Expansion to 6.8 m tpa at Jamshedpur is expected by June 2008 and will deliver $20 \%$ volume growth in FY09 for Indian operations. Number of price increases since January 2008 will result in expansion of margins as cost increases will be few due to iron ore and coking coal integration. Corus too has announced several price hikes to cover increase in costs and the performance improvement program is expected to deliver a benefit of GBP300m in CY08. Lower interest due to repaying of bridge loan through the proceeds of rights issue will drive bottomline.
\& The stock trades at an EV of 4.5 x FY09E EBITDA - at a substantial discount to Indian peers. We reiterate Buy.

| Quarterly performance (Standalone) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 10 | 20 | $3 Q$ | 4QE |  |  |
| Standalone Financials |  |  |  |  |  |  |  |  |  |  |
| Sales (000 tons) | 1,115 | 1,184 | 1,234 | 1,261 | 1,041 | 1,218 | 1,244 | 1,280 | 4,794 | 4,783 |
| Change (YoY \%) | 27.4 | 0.4 | 11.5 | 0.4 | -6.6 | 2.9 | 0.7 | 1.5 | 8.5 | -0.2 |
| Realisation (Rs per ton) | 31,133 | 31,656 | 32,236 | 35,135 | 36,665 | 35,280 | 35,201 | 37,200 | 32,599 | 36,075 |
| Change (YoY \%) | -10.1 | 6.0 | 8.5 | 21.8 | 17.8 | 11.4 | 9.2 | 5.9 | 6.9 | 10.7 |
| Net Sales | 39,159 | 41,858 | 44,700 | 49,804 | 41,976 | 47,851 | 49,739 | 53,972 | 175,520 | 193,538 |
| Change ( YO Y \%) | 13.0 | 8.3 | 21.4 | 20.6 | 7.2 | 14.3 | 11.3 | 8.4 | 15.9 | 10.3 |
| EBITDA | 15,813 | 17,048 | 17,836 | 19,035 | 16,992 | 20,254 | 20,966 | 24,442 | 69,733 | 82,655 |
| Change (YOY \%) | -0.4 | 3.2 | 28.2 | 46.3 | 7.5 | 18.8 | 17.5 | 28.4 | 17.6 | 18.5 |
| (\% of Net Sales) | 40.4 | 40.7 | 39.9 | 38.2 | 40.5 | 42.3 | 42.2 | 45.3 | 39.7 | 42.7 |
| EBITDA(Rs/tss) | 12,871 | 13,236 | 13,398 | 13,977 | 15,204 | 15,220 | 15,023 | 17,311 | 13,387 | 16,126 |
| Interest | 293 | 478 | 520 | 448 | 800 | 2,022 | 3,627 | 1,524 | 1,739 | 7,972 |
| Depreciation | 1,951 | 1,957 | 1,991 | 2,294 | 2,112 | 2,050 | 2,092 | 2,240 | 8,193 | 8,495 |
| Other Income | 779 | 1,772 | 987 | 798 | 1,461 | 943 | 670 | 798 | 4,337 | 3,872 |
| PBT (after EO Inc.) | 14,164 | 15,943 | 15,820 | 16,690 | 19,025 | 17,466 | 15,747 | 21,118 | 62,617 | 73,356 |
| Total Tax | 4,630 | 4,928 | 5,183 | 5,655 | 6,804 | 5,558 | 5,061 | 7,225 | 20,395 | 24,648 |
| \% Tax | 32.7 | 30.9 | 32.8 | 33.9 | 35.8 | 31.8 | 32.1 | 34.2 | 32.6 | 33.6 |
| Reported PAT | 9,534 | 11,015 | 10,638 | 11,035 | 12,221 | 11,908 | 10,686 | 13,893 | 42,222 | 48,708 |
| Adjusted PAT | 9,658 | 11,321 | 10,969 | 11,300 | 9,983 | 11,676 | 10,802 | 14,129 | 43,247 | 46,520 |
| Change (YoY \%) | 2.3 | 6.3 | 41.9 | 48.6 | 3.4 | 3.1 | -1.5 | 25.0 | 22.1 | 7.6 |
| Consolidated Financials |  |  |  |  |  |  |  |  |  |  |
| Net Sales | 57,641 | 60,083 | 59,712 | 74,697 | 311,542 | 324,249 | 318,985 | 330,217 | 251,197 | 1,284,994 |
| EBITDA | 17,414 | 18,504 | 18,905 | 19,679 | 49,043 | 47,227 | 39,428 | 45,340 | 74,502 | 181,039 |
| Adjusted PAT | 10,318 | 11,696 | 10,872 | 9,894 | 20,406 | 18,412 | 13,350 | 20,766 | 42,782 | 68,131 |

$\bar{E}:$ MOSt Estimates; tss=ton of steel sales; Exchange rate assumed $G B P=1.98$ USD, USD $=40.4$ INR
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| BSE Sensex: 16,371 |  | NX: 4,942 28 March 2008 |
| :---: | :---: | :---: |
| COMPANY NAME | PG. | Very high oil prices hurting dow nstream companies |
| BPCL | 208 | YoY comparative (v/s 4QFY07) |
| Cairn India | 209 | 2 Brent up by $66 \%$ at US\$96.7/bbl v/s US\$58.1/bbl; Dubai crude up $64 \%$ at US\$91.3/ bbl v/s US\$55.6/bbl. |
|  |  | * Benchmark Singapore complex refining margins flat: US\$6.9/bbl (v/s US\$6.8/bbl in 4QFY07) |
| Chennai Petroleum | 210 | 2 Declined petrochemical (excl. MEG) spreads over naphtha |
| GAIL | 211 | Polymers; PE down 9\%; PP down 15\%; |
|  |  | Polyester intermediates: PTA down 44\%; and MEG up 25\%; |
| HPCL | 212 | Integrated polyesters down: POY down 18\%, PSF down 29\%; |
| IOC | 213 | QoQ comparative (v/s 3QFY08) |
|  |  | 2 Brent up by $9 \%$ from US\$89/bbl; Dubai up by $10 \%$ from US\$83/bbl. |
| Indraprastha Gas | 214 | \& Singapore complex margins down 10\% from US\$7.7/bbl in 3QFY08. |
|  |  |  |
| MRPL | 215 | Polymers: PE up 3.5\%; PP up 3.3\%; |
|  |  | Polyester intermediates: PTA down 13\%; MEG down 22\%; |
| ONGC | 216 | Integrated polyesters: POY down $14 \%$ and PSF down $18 \%$. |
|  |  | Factors to watch for |
| Reliance | 217 | * Key data to watch for apart from global oil prices would be quantum of oil bonds for |
|  |  | Oil Marketing Companies. Underrecoveries for OMCs have ballooned and retail price hike is very marginal. |
|  |  | \& The government has indicated that the quantum of oil bonds would increase from $42.7 \%$ to $57 \%$. As the quantum for first three quarters has already been decided, we assume $57 \%$ sharing would commence from 4QFY08. However, if the $57 \%$ formula is applied for full FY08, oil bonds issuance for 4QFY08 could be much higher, and will be positive for PSU OMCs. |


| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) |
| Oil \& Gas |  |  |  |  |  |  |  |
| BPCL | Buy | 302,273 | 25.3 | 7,312 | -42.6 | 3,465 | -48.3 |
| Cairn India | Buy | 3,119 | 31.9 | 2,335 | 58.6 | 1,047 | 178.8 |
| Chennai Petroleum | Buy | 78,787 | 39.4 | 4,127 | 2.7 | 2,248 | 18.9 |
| GAIL | Buy | 43,754 | 12.7 | 10,010 | 66.2 | 7,020 | 106.0 |
| HPCL | Buy | 315,268 | 44.3 | 5,397 | -47.4 | 2,639 | -52.0 |
| Indraprastha Gas | Not Rated | 1,981 | 20.6 | 848 | 19.2 | 477 | 19.2 |
| IOC | Buy | 702,750 | 32.9 | 37,120 | -24.3 | 27,047 | -4.1 |
| MRPL | Sell | 97,117 | 42.9 | 5,415 | -7.3 | 2,890 | 58.9 |
| ONGC | Buy | 146,827 | 18.4 | 78,484 | 46.1 | 42,754 | 59.4 |
| Reliance Inds. | Buy | 349,480 | 27.3 | 57,643 | 11.5 | 38,177 | 21.0 |
| Sector Aggregate |  | 2,041,356 | 31.3 | 208,690 | 6.8 | 127,765 | 19.8 |

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## Heated oil prices: Crossed US\$110/bbl in 4QFY08

## 4QFY08 highlights

\& Brent up 66\% YoY at US\$96.7/bbl (v/s US\$58.1/bbl in 4QFY07)
2. Brent up by $9 \%$ QoQ (v/s US\$89/bbl in 3QFY08)

Crude oil prices continued their northward journey in the quarter. The WTI spot prices crossed the US\$ $100 / \mathrm{bbl}$ mark in mid-Feb. OPEC at its Vienna meeting highlighted that economic slowdown in the USA, together with the deepening credit crisis in financial markets, is increasing the downside risks for world economic growth and, consequently, demand for crude oil. Thus OPEC decided not to increase production. Prices further fuelled upward post the OPEC meeting, reaching record high levels of above US\$ 110/bbl by mid-March. Though prices declined in third week of March to US\$100/bbl, the prices again firmed up in last week as inventory levels in the US fell below expected levels.

Structural problems reflected by low surplus capacity, combined with geo-political concerns in several oil exporter countries are continuing to put upward pressure on oil prices. In addition, depreciation of the dollar over last one year and increased capital flows into commodity markets are also playing an increased role in increasing oil prices.

Despite the very high prices, demand growth continues. In its latest projections IEA has revised down its demand forecast for 2008 only marginally by $80 \mathrm{kbbl} / \mathrm{d}$ to $87.5 \mathrm{mmbb} / \mathrm{d}$ reflecting a growth of $1.7 \mathrm{mbbl} / \mathrm{d}(2 \%)$.

With marginal cost of production in non-OPEC areas reaching the levels of US\$50-70/bbl, non-OPEC incremental production not able to meet incremental demand, and OPEC' s continuing stance of not raising supplies, we believe that oil prices will continue to remain at high levels in the short to medium term.


## Light - Heavy differentials firmed up

With rising oil prices, the light-heavy oil differential also firmed up during 4QFY08. Arab Light Heavy differential at US\$6.3/bbl was up $24 \%$ QoQ (US\$5.1 in 3QFY08) and $16 \%$ YoY (US\$5.5/bbl in 4QFY07). With expected commissioning of nearly 1.2 to $1.5 \mathrm{mmbbl} /$ day of refining capacity over next 6-8 months, most of which is skewed toward processing heavies and sour (including RPL's refinery) we would expect some moderation in differential in forthcoming quarters.


Source: Bloomberg/Motilal Oswal Securities

WTI-Maya (Sweet -Sour) spreads continued their uptrend since July 2007
WTI-Maya spreads, which sawtheir recent lows in June 2007, have continued their upward trend. The spread at US\$16.8/bbl were up $12 \%$ QoQ (from US\$15/bbl in 3QFY08) and up $28 \%$ YoY (US\$13.1/bbl in 4QFY07).


## Refining margins: Declined QoQ, flat YoY

## 4QFY08 highlights

Benchmark Singapore complex refining margins at US\$6.9/bbl were flat YoY (v/s US\$6.8/bbl in 4QFY07)
QoQ down by $10 \%$ ( $\mathrm{v} / \mathrm{s}$ US\$7.7/bbl in 3QFY08)


Source: Industry/Motilal Oswal Securities

Refining margins were rather subdued in January and early February, driven by rising gasoline stocks in the US and comparatively warm weather in Europe and Japan. Even Asian margins were down as Chinese imports declined from their December/January highs.

But margins took an upward trend in mid-February driven by strong middle distillate and jet/kerosene demand. Middle distillate cracks reached new peaks on weather related demand and tight supplies. Crack margins for gasoline continue to remain subdued with record high gasoline inventories in US and excess production in Europe.

Late surge in middle-distillate cracks implied that overall Singapore complex margins declined only $10 \%$ QoQ to US\$6.9/bbl from US\$7.7/bbl. On a YoY basis the margins remained flat.

Overall Singapore region GRMs continue to remain significantly higher than historic averages of US\$6.1/bbl for five years, US\$3.8/bbl for 10 years and US\$3.6/bbl for 15 years. With a large chunk of new capacity ( 1.2 to $1.5 \mathrm{mmbb} /$ /day) coming online over next few quarters, we would expect some moderation in refining margins in the coming quarters.

## Increased fuel underrecoveries; despite fuel price hikes

With record high prices of crude oil, the gross underrecoveries of PSU oil marketing companies have further ballooned. We expect gross underrecoveries for 4QFY08 at Rs304b, up $43 \%$ QoQ from already very high levels of Rs213b in 3QFY08. Though, there was a retail price hike announcement effective 15 February, but the announced hike (Rs2/liter on
petrol, and Re1/liter on diesel) were woefully short of what was required. For FY08 we estimate total fuel underrecoveries to increase $58 \%$ YoY to Rs780b from Rs494b in FY07.

There were no significant announcements in the budget also. With burgeoning underrecoveries on account of large underrecoveries, there was a need for duties reduction both on crude oil and petroleum products. However, it being a populist budget in view of forthcoming elections, nothing significant to reduce the problem was announced. The announced change of excise duty rationalization from ad-valorem to specific was revenue neutral.

| FUEL UNDER-RECOVERIES (POST GOI SUBSIDY) |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | FY07A | (RS M) |  |  |  |  |
| Petrol | 20,270 | 15,530 | 10,850 | 19,260 | 33,956 | 79,596 |
| Diesel | 187,758 | 46,330 | 52,780 | 102,440 | 158,810 | 360,360 |
| LPG | 107,011 | 26,980 | 29,100 | 38,510 | 51,783 | 146,373 |
| SKO | 178,827 | 40,280 | 41,780 | 52,350 | 59,465 | 193,875 |
| Total | $\mathbf{4 9 3 , 8 6 6}$ | $\mathbf{1 2 9 , 1 2 0}$ | $\mathbf{1 3 4 , 5 1 0}$ | $\mathbf{2 1 2 , 5 6 0}$ | $\mathbf{3 0 4 , 0 1 4}$ | $\mathbf{7 8 0 , 2 0 4}$ |

## Clarity on subsidy sharing formula likely post 4Q oil bonds issue

At the time of retail price hike in February, GoI had also indicated that oil bonds sharing would increase from earlier $42.7 \%$ to $57 \%$. However, there is still no clarity that the $57 \%$ oil bond issue will be for only 4 QFY 08 or for full year FY 08 . As the oil bonds quantum for first 3 quarters are already announced (based on $42.7 \%$ formula, we assume that $57 \%$ oil bond sharing at $57 \%$ would commence only from 4QFY08. We expect that upstream sharing will continue to remain at one-thirds levels.

Net underrecovery for PSU OMCs will drastically decline from earlier $24 \%$ to just $10 \%$ in 4 QFY 08 , as the $57 \%$ oil bond formula is applied.

SHARING OF UNDER RECOVERIES ASSUMING 57\% OIL BONDS ONLY FOR 4QFY 08

|  | FYO7A | SHARING \% | 9MF08A | SHARING | 4QFY 08E | SHARING | FY08E | SHARING\% |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Oil Bonds | 241,207 | 48.8 | 203,328 | 42.7 | 173,288 | 57.0 | 376,616 | 48.3 |
| Upstream | 205,069 | 41.5 | 158,726 | 33.3 | 101,334 | 33.3 | 260,059 | 33.3 |
| OMC' s sharing | 47,590 | 9.6 | 114,137 | 24.0 | 29,392 | 9.7 | 143,529 | $\mathbf{1 8 . 4}$ |
| Total | $\mathbf{4 9 3 , 8 6 6}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{4 7 6 , 1 9 0}$ | $\mathbf{1 0 0}$ | $\mathbf{3 0 4 , 0 1 4}$ | $\mathbf{1 0 0}$ | $\mathbf{7 8 0 , 2 0 4}$ | $\mathbf{1 0 0 . 0}$ |

## $57 \%$ sharing for full FY08 w ill be even more positive for OMCs

If government decides to issue oil bonds to the extent of $57 \%$ for full year FY08, quantum of oil bonds will increase significantly. Also OMC' s sharing of fuel under recoveries will decline from $18 \%$ to $9.7 \%$ for full year FY08. Thus, OMCs will have a gain of Rs39b in 4QFY08 v/s underrecovery of Rs 29 b if $57 \%$ bonds are issued only for 4QFY08. We do not build this scenario in our estimates for OMCs.

| SHARING ASSUMING $57 \%$ OIL BONDS FOR FULL YEAR FYO8 (RS M) |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY07 | SHARING $\%$ | 1QFY08 | 2QFY 08 | 3QFY08 | 4 4FF 08E | FY08E | SHARING\% |
| Oil Bonds | 241,207 | 48.8 | 0 | 112,564 | 90,764 | 241,388 | 444,716 | 57.0 |
| Upstream | 205,069 | 41.5 | 43,040 | 44,831 | 70,855 | 101,334 | 260,059 | 33.3 |
| OMC' s sharing | 47,590 | 9.6 | 86,081 | $-22,885$ | 50,941 | $-38,708$ | 75,429 | 9.7 |
| Total | $\mathbf{4 9 3 , 8 6 6}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 2 9 , 1 2 0}$ | $\mathbf{1 3 4 , 5 1 0}$ | $\mathbf{2 1 2 , 5 6 0}$ | $\mathbf{3 0 4 , 0 1 4}$ | $\mathbf{7 8 0 , 2 0 4}$ | $\mathbf{1 0 0 . 0}$ |

## Higher oil bonds sharing to benefit OMCs

OMCs' combined average quarterly net underrecoveries for the first three quarters were at Rs 38 b. Despite the $43 \%$ higher gross underrecoveries in 4Q, we estimate OMCs' total net underrecoveries for 4Q will be much lower at Rs29b. However, for full year FY08 OMCs burden will triple at Rs144b from Rs 48 b in FY07.

|  | FY07 | 1QFY 08 | 2QFY 08 | 3QFY 08 | 4QFY 08E | FY08 | YOY CHANGE |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | RS M | (\%) |
| IOC | 27,539 | 48,097 | -12,694 | 28,214 | 16,054 | 79,672 | 52,133 | 189.3 |
| BPCL | 10,355 | 19,614 | -5,108 | 12,044 | 7,149 | 33,700 | 23,345 | 225.4 |
| HPCL | 9,696 | 18,369 | -5,084 | 10,687 | 6,189 | 30,161 | 20,465 | 211.1 |
| Total | 47,590 | 86,080 | -22,885 | 50,946 | 29,392 | 143,533 | 95,943 | 201.6 |

Lower increase in upstream discounts vis a vis overall under recoveries
Despite $58 \%$ increase in overall under recoveries we estimate upstream sharing to increase only by $27 \%$ from Rs 205 b in FY07 to Rs 260 b, primarily due to higher sharing of $42 \%$ by upstream companies in FY07.

SHARING BY UPSTREAM COMPANIES (RS M)

|  |  |  |  |  |  | YOY CHANGE |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY07A | 1QFY08 | 2QFY08 | 3QFY08 | 4QFY08E | FY08 | RS M | $(\%)$ |
| ONGC | 170,252 | 36,490 | 37,990 | 60,800 | 87,996 | 223,276 | 53,024 | 31.1 |
| OIL | 19,938 | 3,830 | 4,241 | 6,380 | 8,839 | 23,290 | 3,353 | 16.8 |
| GAIL | 14,880 | 2,720 | 2,600 | 3,675 | 4,499 | 13,494 | $-1,386$ | -9.3 |
| Total | $\mathbf{2 0 5 , 0 6 9}$ | $\mathbf{4 3 , 0 4 0}$ | $\mathbf{4 4 , 8 3 1}$ | $\mathbf{7 0 , 8 5 5}$ | $\mathbf{1 0 1 , 3 3 4}$ | $\mathbf{2 6 0 , 0 6 0}$ | $\mathbf{5 4 , 9 9 1}$ | $\mathbf{2 6 . 8}$ |

## Petrochemical: Continued pressure due to higher naphtha prices

Most key petrochemical product spreads remain negatively impacted due to high oil price environment. Naphtha prices continued upward trajectory of last 3-4 quarters led by high crude prices. In rupee terms, naphtha prices increased $9 \%$ QoQ and $37 \%$ YoY.

In the recent budget, government corrected an earlier anomaly by introducing an import duty of $5 \%$ on naphtha imports for petrochemical production. Earlier custom duty exemption on naphtha was encouraging integrated refining and petrochemical players to export naphtha from refineries and import naphtha for petrochemical consumption. This measure will be marginally negative for RIL.

MEG prices have been extremely volatile in the last two quarters with prices peaking by end of 3QFY08 due to supply side glitches. With supplies restoring during the quarter, MEG prices saw a sharp $12 \%$ downward correction during the quarter.


Source: Industry/ Motilal Oswal Securities

Domestic prices of key polymers were up 5-6\% QoQ and4-12\% YoY. However, naphtha prices saw much higher increase of $9 \%$ QoQ and $37 \%$ YoY. Thus we estimate polymer spreads to marginally increase by $3-4 \%$ QoQ and decline by $9-15 \%$ YoY.

Domest ic prices of polyester declined QoQ (POY 6\%, PSF 8\%) and YoY (POY 2\%, PSF $9 \%$ ). Among the intermediates PTA prices were down $1 \%$ QoQ and $13 \%$ YoY. The prices of MEG which had shot up in 3QFY08, declined $12 \%$ QoQ, but remained $30 \%$ higher on a YoY basis. We anticipate a large decrease in polyester chain margins from 13$22 \%$ on a QoQ basis, due to a large increase in feedstock costs.

| KEY PRODUCT SPREADS OVER NAPHTHA(RS/K G) |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | 4 QFY08 | 3QFY08 | QOQ CH (\%) | 4 QFY07 | YOY CH (\%) |
| PE | 37.4 | 36.2 | 3.5 | 41.4 | -9.5 |
| PP | 35.6 | 34.4 | 3.3 | 41.7 | -14.8 |
| PTA | 15.1 | 17.3 | -12.9 | 26.9 | -43.9 |
| MEG | 34.1 | 43.4 | -21.6 | 27.2 | 25.5 |
| POY integrated | 38.9 | 45.4 | -14.4 | 47.6 | -18.3 |
| PSF integrated | 33.5 | 40.9 | -18.2 | 47.2 | -29.1 |

*PE,PP,PTA and MEG spreads over naphtha, POY \& PSF spreads over PTA-MEG adjusted for consumption norms

Source: Industry/ Motilal Oswal Securities


## Valuation and view

GAIL and Cairn India are our top picks in the oil and gas space. We also remain very positive on RIL and ONGC in view of large E\&P upside potential. With likely $57 \%$ oil bonds issued to oil marketing companies, we expect net underrecoveries to decline significantly in FY09. This would lead to a large increase in reported earnings making valuation even more attractive in the range of $4-5 x$ P/E FY09E.

Gail: Transmission volumes to grow by $\mathbf{6 0 \%}$; maintain Buy
GAIL's transmission volumes are expected to increase significantly going forward as it would be one of the key beneficiaries of several large-scale gas finds in India in recent years. We expect GAIL's stransmission volumes to grow by $60 \%$ to 136 mmscm by FY10 from 85 mmscm currently.

We believe there is little threat of further reduction in tariffs for GAIL. Its transmission tariffs for most of its network were reduced over last two years. As GAIL is ramping up investments significantly to upgrade and expand its network, we do not expect any further tariff cuts in the near term.

GAIL' s petrochemical capacity has increased by $32 \%$ post commissioning of 100kta HDPE expansion in 4QFY08. While we remain bearish on the polymer cycle and expect prices to decline from 2HFY09, volume growth will remain strong.

GAIL already operates the city gas distribution net work in several key cities via nine JVs and plans to add a further 130 cities over the next 6-7years. It has stakes in $29 \mathrm{E} \& \mathrm{P}$ blocks in India and overseas, and has encountered hydrocarbon finds in five of its blocks. We believe significant value could accrue to GAIL from these businesses, going forward.

We believe that GAIL offers value at current valuations of 9x PE FY09 (adjusting for value of $\mathrm{E} \& \mathrm{P}$ and investments). We maintain Buy.

## Cairn India: Maintain Buy

Rajasthan field development is on schedule and the company has already awarded all the major contracts for the pipeline and for civil and consolidated construction works. We expect production to begin in July 2009 with a peak plateau rate of 180 kbpd .

We believe that final approval from the government allowing inclusion of evacuation pipeline, as part of Field Development Plan will come soon. Empowered Committee of Secretaries (ECS) has also cleared the proposal, after earlier clearance by Law Ministry. Some delays in announcement could have been due to the Rajasthan government expressing concern over its losing CST revenue if the delivery point is shifted out of state. Cairn has already submitted the expert opinion that Rajasthan government's revenue will not be affected and also ECS has directed the Ministry of Petroleum to ensure that the Rajasthan government's revenues are not impacted. We believe this issue will be resolved soon, paving way for the issue of notification approving pipeline inclusion in FDP.

Cairn recently announced a US\$625m preferential issue to Petronas and Oriental Global Tamarind. We believe this development though $6 \%$ equity dilutive is a positive development as:
\& a large strategic partner like Petronas is showing further commitment; and
\& the issue proceeds will ensure adequate funds availability for development of Rajasthan as capex is likely to escalate because of increase of scope and all-round cost increases in the business.

We believe Cairn's valuation has significant potential upside from:

1) Rajasthan block a) upside from current area under development, b) adding new development area into development phase, c) development of smaller fields and
2) Other exploration assets: Cairn also has large exploration acreage of about 94,800 sq km in 12 other blocks, including five as operator. The most promising of these is ONGC operated (Cairn 10\%) deep-water block KG-DWN-98/2.

## Maintain Buy on ONGC

ONGC is adopting multi-pronged efforts to sustain and increase its production and reserves. We expect its total production to increase at a significantly higher rate than its historical averages owing to its IOR/EOR initiatives, marginal field developments, joint ventures, and increasing contribution from ONGC Videsh.

ONGC has increased its capital expenditure to boost exploration and production activities. The benefits of increased capex are already visible in improved reserve accretion and production.

ONGC has more than $50 \%$ of NELP acreage and we believe this will provide long term growth for the company. Initial success has already been seen in the KG block - the country' s first ultra-deep water discovery. With increased efforts towards E\&P, we expect the company to report more oil and gas finds going forward.

The tariff commission had revised the producer price of ONGC from Rs3,200 to Rs3,600/ MSCM in 1QFY08. Adjusted for WPI increase, the current producer price works out to Rs3,710/MSCM, a rise of $16 \%$. Implementation of the revised pricing had been considerably delayed. Early implementation of revised pricing will be positive for ONGC.

The concern remains on high upstream discounts and lack of clarity on the subsidy sharing mechanism going forward.

## Reliance Industries: Maintain Buy

We believe that E\&P is the new growth engine in RIL's successful strategy of backward integration. RIL is the largest exploration acreage holder in the private sector in India. It had its world-scale gas find in 2002, and since then has nearly 40 discoveries. In our view, as its KG-D6 gas comes on line later this year, E\&P will soon become the key growth
driver. Apart from KG-D6, RIL has a large inventory of high potential blocks, in several of which it has reported exploration success. There remains large potential upside from these blocks, which is not quantifiable at this juncture.

In the medium to longer term, we expect refining margins to remain high, as the global demand for refined products is robust and not enough capacity is coming on line. However, in the shorter term we would expect some moderation in margins in the coming quarter as a large chunk of capacity ( $1.2-1.5 \mathrm{mmbbls} /$ day including RPL) gets commissioned over coming quarters. Margins in petrochemicals business have declined in recent quarters, primarily due to rise in Naphtha prices and no commensurate increase in product prices. With oil prices continuing to remain very high, we would expect high naphtha prices also to continue, putting pressure on overall petrochemical margins.

We believe that organized retailing in India offers a huge growth opportunity and RIL would be able to make the most of this opportunity. Its deep pockets would help sustain a relatively long gestation involved in building a pan-India retailing giant.

Approval of the gas pricing formula is a key positive. Near term upside could come from: (1) marketing tie-ups with potential gas buyers, (2) the updates on actual progress on KGD6 field development and pipeline, (3) update on progress of RPL refinery completion, and (4) progress on the retail front.

Maintain Buy on oil marketing companies - BPCL, HPCL and IOC
With record high prices of crude oil, the gross underrecoveries of oil marketing companies have further ballooned. With not much in the recent budget in terms of reduction in duties, and very marginal price hikes during the quarter, we expect high gross underrecoveries to continue.

However, the silver lining for PSU OMCs could come in the form of higher sharing of oil bonds by the Government of India. At the time of retail price hike in February, GoI has also indicated that oil bonds sharing would increase from earlier $42.7 \%$ to $57 \%$. There remains no clarity on whether the oil bonds issuance would be effective from 4QFY08 (we assume this) or for the full year FY08. However, for FY09 we believe the $57 \%$ formula will apply, leading to large reduction in net underrecoveries borne by OMCs from earlier $24 \%$ to just $10 \%$ of total gross underrecoveries.

Higher oil bonds for FY09, leads to a significant increase in our earnings estimates for PSU OMC. Our EPSestimates are revised upward by $53 \%$ for BPCL, $104 \%$ for HPCL, and $74 \%$ for IOC. The large revision in our earnings estimates would mean that valuation for PSU OMCs have become even more attractive. On PE multiples for FY09E, BPCL trades at 4.6x, HPCL at 5.1x, and IOCL at 4.4x. On EV/EBITDA multiples for FY09E, BPCL trades at 4.3x, HPCL at 4.7 x , and IOCL at 4.2 x . On P/book value the stock continues to trade in the band of 0.8 to 1 x for FY09.

On business fundamentals, refining margins continue to remain strong and are expected to remain so in the short to medium term. OMCs are also implementing several upgradation projects for their capacity, which will enable them to: (1) produce higher share of middle distillates, (2) produce Euro-III/IV compliant fuels and (3) to process larger share of sour/ heavy crudes. Completion of these projects, in time and within schedules, will be margin accretive in our view.

We maintain Buy on PSU OMCs on attractive valuations and continuing strong refining fundamentals. However, concerns remain on the large and non-transparent underrecovery sharing mechanism

## We maintain Buy on Chennai Petro

Chennai Petroleum (CPCL) has been reporting a premium over Singapore benchmark in recent quarters, reversing the earlier trend of discounts. Apart from some inventory gains, we believe this is also because of increasing share of middle and light distillates. We expect CPCL to report premium of $\sim \mathrm{US} \$ 0.5 / \mathrm{bbl}$ to 3 QFY 10 , beyond which premiums would further increase by US\$1-1.5/bbl, as its Rs19b auto fuel upgradation projects start coming on line.

CPCL is also increasing capacity of its one crude unit from 3mmtpa to 4 mmtpa , which will increase refining capacity by $9.5 \%$ to 11.5 mmtpa (likely by May 2009). Post-completion, we expect refining throughput to increase by $7 \%$ in FY10.

We recently upgraded our rating on CPCL from Neutral to Buy. Post-recent correction in overall markets, CPCL's valuations have become very attractive. On PE basis CPCL trades at 4.8 x FY09E and on EV/EBITDA basis it trades at 3.5 x FY09E. Valuations also look attractive compared with its peer MRPL (which like CPCL does not have much subsidy concern) which trades at $12.2 x$ FY09 PE and 8.3x FY09 EV/EBITDA.

MRPL: Despite recent large correction in stock price and continued strong refining fundamentals we believe MRPL's valuations continue to remain stretched compared with peers. We maintain Sell.

Indraprastha Gas (IGL): We also present estimates of Indraprastha Gas (IGL) in this preview compendium. We currently do not have a rating on the stock.

## Stock performance and valuations

STOCK PERFORMANCE (\%)

|  | ABSOLUTE PERF |  | REL PERF TO SENSEX |  | REL PERF TO SECTOR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 M | 1 YEAR | 3 M | 1 YEAR | 3 M | 1 YEAR |
| Oil \& Gas |  |  |  |  |  |  |
| BPCL | -8 | 44 | 11 | 17 | 11 | -6 |
| Cairn India | -7 | 85 | 12 | 58 | 12 | 35 |
| Chennai Petroleum | -35 | 55 | -16 | 28 | -16 | 5 |
| GAIL | -17 | 65 | 2 | 38 | 3 | 15 |
| HPCL | -23 | 3 | -4 | -24 | -4 | -47 |
| Indraprastha Gas | -15 | 36 | 4 | 9 | 4 | -14 |
| IOC | -37 | 15 | -18 | -12 | -18 | -36 |
| MRPL | -44 | 123 | -25 | 96 | -25 | 72 |
| ONGC | -14 | 21 | 5 | -6 | 5 | -29 |
| Reliance | -19 | 74 | 0 | 47 | 0 | 24 |

RELATIVE PERFORMACE - 3 MONTHS (\%)


RELATIVE PERFORMANCE - 1 YEAR (\%)



| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | BPCL IN |
| REUTERS CODE |  |
| S\&P CNX: 4,942 | BPCL.BO |
| Equity Shares (m) |  |
| 52-Week Range (Rs) | 361.5 |
| 1,6,12 Rel. Perf. (\%) | $1 / 27 / 17$ |
| M.Cap. (Rs b) | 156.8 |
| M.Cap. (US\$ b) | 3.9 |


| 28 March 2008 Buy |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs434 |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | ROE | Roce | EV/ | EV/ |
| END* | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 03/07 | 982,049 | 21,395 | 59.2 | 633.7 | 7.3 | 1.4 | 18.8 | 14.1 | 0.28 | 6.3 |
| 03/08E | 1,091,405 | 22,492 | 62.2 | 5.1 | 7.0 | 1.2 | 17.5 | 10.7 | 0.23 | 6.6 |
| 03/09E | 1,086,648 | 33,829 | 93.6 | 50.4 | 4.6 | 1.0 | 21.9 | 18.3 | 0.23 | 4.3 |
| 03/10E | 1,030,011 | 37,542 | 103.9 | 11.0 | 4.2 | 1.0 | 24.3 | 20.8 | 0.24 | 3.9 |

\& We expect PAT at Rs3.5b v/s Rs6.7b in 4QFY07. The oil bonds and upstream subsidies quantum, rather than operating fundamentals, would continue to be the key determinant of reported numbers.
\& We estimate overall underrecoveries at Rs74b (v/s Rs50b in 3Q and Rs58b in 1HFY08). As oil bonds for the first three quarters have been finalized, we assume $57 \%$ issuance will be only for 4QFY08. We build in 4Q oil bonds at Rs42b (v/s Rs9b in 4QFY07 and Rs20.7b in 3QFY08). However, if the $57 \%$ formula is applied for full FY08, oil bonds issuance for 4Q could be much higher at Rs59b.
e. We estimate one-thirds discount from upstream at Rs24.6b (v/s Rs11.8b in 4QFY07 and Rs16.2b in 3QFY08).
\& On the operating front, we expect $6-7 \%$ YoY lower throughput at 5 mmt due to maintenance shutdown at Kochi.
\& For FY09, we now factor in $57 \%$ oil bonds and $33 \%$ upstream discounts with net underrecoveries at just $10 \% \mathrm{v} / \mathrm{s}$ the earlier $24 \%$. Our consolidated EPS for FY09 has been revised upward by $53 \%$ to 93.6 .
\& BPCL currently trades at just 4.6x FY09E consolidated earnings. We maintain Buy in view of attractive valuations and continuing strong refining fundamentals. However, concerns remain on the large fuel underrecoveries and lack of transparency in the sharing mechanism.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  |  | (RS MILLION) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 10 | 2 Q | 30 | 4QE |  |  |
| Net Sales | 227,107 | 265,174 | 242,056 | 241,265 | 238,694 | 251,704 | 289,284 | 302,273 | 975,602 | 1,081,956 |
| Change (\%) | 32.8 | 55.6 | 19.5 | 6.6 | 5.1 | -5.1 | 19.5 | 25.3 | 26.6 | 10.9 |
| Raw Material Consumed | 105,979 | 120,207 | 98,250 | 97,597 | 111,518 | 125,863 | 125,911 | 124,715 | 422,033 | 488,007 |
| Staff Cost | 2,414 | 2,087 | 2,651 | 2,885 | 2,800 | 2,825 | 2,798 | 2,818 | 10,037 | 11,241 |
| Fininshed Goods Purchase | 105,801 | 118,179 | 126,491 | 113,433 | 113,551 | 107,840 | 137,893 | 158,628 | 463,904 | 517,912 |
| Other Exp (incl Stock Adj) | 15,522 | 7,563 | 7,772 | 14,612 | 8,765 | -473 | 18,311 | 8,800 | 45,469 | 35,403 |
| EBITDA | -2,609 | 17,138 | 6,892 | 12,738 | 2,060 | 15,649 | 4,371 | 7,312 | 34,159 | 29,392 |
| Change (\%) | $n m$ | 1,302.5 | nm | -33.5 | $n m$ | -8.7 | -36.6 | -42.6 | 256.8 | -14.0 |
| \% of Sales | -1.1 | 6.5 | 2.8 | 5.3 | 0.9 | 6.2 | 1.5 | 2.4 | 3.5 | 2.7 |
| Depreciation | 1,814 | 1,964 | 2,484 | 2,778 | 2,276 | 2,322 | 3,065 | 3,000 | 9,040 | 10,663 |
| Interest | 908 | 920 | 1,298 | 1,648 | 1,240 | 1,228 | 1,620 | 1,545 | 4,774 | 5,633 |
| Other Income | 1,091 | 2,207 | 1,487 | 2,547 | 4,341 | 3,652 | 1,904 | 2,475 | 7,332 | 12,372 |
| PBT | -4,240 | 16,461 | 4,597 | 10,859 | 2,885 | 15,751 | 1,590 | 5,242 | 27,677 | 25,468 |
| Tax | 25 | 3,876 | 1,562 | 4,159 | 958 | 5,369 | -44 | 1,777 | 9,622 | 8,060 |
| Rate (\%) | -0.6 | 23.5 | 34.0 | 38.3 | 33.2 | 34.1 | -2.8 | 33.9 | 34.8 | 31.6 |
| Adj. PAT | -4,265 | 12,585 | 3,035 | 6,700 | 1,927 | 10,382 | 1,634 | 3,465 | 18,055 | 17,408 |
| Change (\%) | $n m$ | 6,594.1 | $n m$ | -60.2 | $n m$ | -17.5 | -46.1 | -48.3 | 519.2 | -3.6 |
| Exceptional Item |  |  |  |  |  |  | 1,279.0 |  |  | 1,279 |
| PAT | -4,265 | 12,585 | 3,035 | 6,700 | 1,927 | 10,382 | 2,913 | 3,465 | 18,055 | 18,687 |

E: MOSt Estimates
Anil Sharma (AnilSharma@MotilalOswal.com);Tel: +91 22 39825413/Harshad Borawake (HarshadBorawake@MotilalOswal.com) Tel: 39825432

# Cairn India 

| STOCK INFO. <br> BSE Sensex: 16,371 | BLOOMBERG |
| :---: | :---: |
|  | CAIR IN |
|  | reuters code |
| S\&P CNX: 4,942 C | CAIL.BO |
| Equity Shares (m) | 1,778.4 |
| 52-Week Range | 269/121 |
| 1,6,12 Rel. Perf. (\%) | \%) 11/32/58 |
| M.Cap. (Rs b) | 409.2 |
| M.Cap. (US\$ b) | 10.3 |


| 28 March 2008 Buy |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs230 |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | RoE | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 12/07A | 10,123 | -245 | -0.1 | - | - | 1.4 | 0.1 | 1.3 | 39.8 | 56.5 |
| 12/08E | 11,954 | 2,679 | 1.5 | - | 152.7 | 1.4 | 0.9 | 1.5 | 34.6 | 47.7 |
| 12/09E | 28,409 | 12,958 | 7.3 | 383.6 | 31.6 | 1.3 | 4.0 | 5.2 | 14.9 | 17.5 |
| 12/10E | 71,064 | 44,360 | 24.9 | 242.3 | 9.2 | 1.2 | 13.0 | 15.0 | 5.7 | 6.3 |

\& We estimate net sales of Rs3.1b v/s (Rs2.4b in 1QCY07, and Rs 2.7 b in 4Q), driven by higher oil prices though moderated by lower overall production. Our expected net profit is Rs1b (v/s Rs376m in 1QCY07 and loss of Rs 139 m in 4 Q ).
2. We expect gross oil and gas production at 70 kboepd ( $\mathrm{v} / \mathrm{s} 75 \mathrm{kboepd}$ in 1 Q and 65 kboepd in 4 QCY 07 ). We estimate that production at Ravva would return to normal levels post the work on two work-over wells in 4 Q ; however the gas production at Cambay continues to remain lower.
\& Cairn's net working interest production is estimated at 17.5 kboepd (down $12 \% \mathrm{YoY}$ and up $7 \%$ QoQ). Average realization at US\$78/boe (v/s US\$42.3 in 1QCY07 and US\$71.1/boe in 4QCY07) are expected to increase significantly by $85 \%$ YoY and $10 \%$ QoQ, driven by higher oil price.
\& We would expect Cairn to report about Rs 240 m of forex currency gain (against reported loss of Rs138m in 1Q and Rs 276 m in 4Q) on its balanced forex reserves.

* Cairn has awarded all the major contracts for Rajasthan field development and pipeline is progressing as planned and on schedule. We expect production from Rajasthan block to commence in July 2009 with a peak plateau rate of 180kbpd.
* Cairn currently trades at 9.2 x CY10E earnings. We maintain Buy.


E: MOSt Estimates; * Excluding forex fluctuations

# Chennai Petroleum Corporation 

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | MRL IN |
| REUTERS CODE |  |
| S\&P CNX: 4,942 | CHPC.BO |
| Equity Shares (m) | 149.0 |
|  | $490 / 173$ |
| 1,6,12 Rel. Perf. (\%) | $-1 / 3 / 28$ |
| M.Cap. (Rs b) | 40.8 |
| M.Cap. (US\$ b) | 1.0 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy Rs274 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | Ev/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SaLES | EBITDA |
| 03/07 | 246,533 | 5,653 | 37.9 | 16.1 | 7.2 | 1.5 | 23.0 | 20.1 | 0.3 | 5.2 |
| 03/08 | 277,176 | 10,038 | 67.4 | 77.6 | 4.1 | 1.2 | 33.4 | 32.4 | 0.2 | 3.3 |
| 03/09 | 270,935 | 8,585 | 57.6 | -14.5 | 4.8 | 1.0 | 23.3 | 25.7 | 0.2 | 3.5 |
| 03/10 | 268,361 | 7,824 | 52.5 | -8.9 | 5.2 | 0.9 | 18.5 | 21.9 | 0.2 | 3.8 |

\& We expect CPCL's net profit at Rs2.2b v/s Rs 1.9 b in 4QFY07 and Rs2.3b in 3QFY08.
$\approx$ We estimate reported GRM at US\$7.4/bbl (v/s US\$6.4/bbl in 4QFY07 and US\$8.75/pbl in 3QFY08) indicating a premium of US $\$ 0.5 / \mathrm{bbl}$ to Singapore benchmark GRM of US\$6.9/bbl for 4Q.
\& We expect CPCL to report premium of $\sim \mathrm{U} \$ 0.5 / \mathrm{bb}$ over the Singapore benchmark until its fuel upgradation project comes online (expected in 3 QFY 10 ); beyond which we expect premiums to expand further by US\$1-1.5/bbl.
\& $15 \%$ YoY gains in GRM will be moderated by $10 \%$ appreciation of rupee.
\& We expect refinery throughput at 2.5 mmt ( $\mathrm{v} / \mathrm{s} 2.67 \mathrm{mmt}$ in 4 QFY 07 and 2.27 mmt in 3QFY08), due to ongoing maintenance work at PYIII fields.
\& Post-recent correction in overall markets, CPCL's valuations have become very attractive. On a PE basis CPCL trades at 4.8x FY09E and 5.2x FY10E. On EV/EBITDA basis it trades at 3.5x FY09E and 3.8x FY10E. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 O | 3 Q | 4 Q | 10 | 2 Q | 30 | 4QE |  |  |
| Net Sales | 64,656 | 66,527 | 58,819 | 56,531 | 62,966 | 62,816 | 72,606 | 78,787 | 246,533 | 277,176 |
| Change (\%) | 38.7 | 21.6 | 7.5 | 2.9 | -2.6 | -5.6 | 23.4 | 39.4 | 16.8 | 12.4 |
| Raw Materials (incl Stock Adj) | 57,820 | 62,432 | 56,095 | 51,253 | 55,767 | 57,210 | 66,870 | 73,214 | 227,600 | 253,061 |
| Employee Costs | 245 | 353 | 302 | 607 | 303 | 384 | 290 | 330 | 1,506 | 1,307 |
| Other Exp | 1,803 | 1,362 | 1,204 | 652 | 982 | 934 | 1,335 | 1,116 | 5,020 | 4,368 |
| EBITDA | 4,789 | 2,381 | 1,218 | 4,019 | 5,914 | 4,288 | 4,112 | 4,127 | 12,407 | 18,440 |
| \% of Sales | 7.4 | 3.6 | 2.1 | 7.1 | 9.4 | 6.8 | 5.7 | 5.2 | 5.0 | 6.7 |
| \% Change | 10.8 | (39.1) | (7.2) | 194.3 | 23.5 | 80.1 | 237.5 | 2.7 | 13.7 | 48.6 |
| Depreciation | 586 | 586 | 586 | 662 | 637 | 616 | 603 | 621 | 2,419 | 2,477 |
| Interest | 426 | 468 | 412 | 577 | 460 | 561 | 409 | 450 | 1,883 | 1,880 |
| Other Income | 69 | 146 | 152 | 338 | 83 | 386 | 421 | 350 | 705 | 1,240 |
| PBT | 3,845 | 1,473 | 373 | 3,118 | 4,900 | 3,497 | 3,521 | 3,406 | 8,809 | 15,323 |
| Tax | 1,300 | 500 | 129 | 1,227 | 1,668 | 1,194 | 1,264 | 1,158 | 3,156 | 5,285 |
| Rate (\%) | 33.8 | 34.0 | 34.6 | 39.4 | 34.0 | 34.2 | 35.9 | 34.0 | 35.8 | 34.5 |
| PAT | 2,546 | 973 | 243 | 1,891 | 3,232 | 2,303 | 2,256 | 2,248 | 5,653 | 10,038 |
| Change (\%) | 8.8 | -50.5 | 14.4 | 434.3 | 26.9 | 136.8 | 826.6 | 18.9 | 16.1 | 77.6 |

E:MOSt Estimates

| STOCK INFO. <br> BSE Sensex: 16,371 | BLOOMBERG |
| :---: | :---: |
|  | GAIL IN |
|  | reuters code |
| S\&P CNX: 4,942 G | GAIL.BO |
| Equity Shares (m) | 845.7 |
| 52-Week Range | 555/257 |
| 1,6,12 Rel. Perf. (\%) | \%) 12/22/38 |
| M.Cap. (Rs b) | 373.9 |
| M.Cap. (US\$ b) | 9.4 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs442 |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | ROE | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07 | 160,472 | 20,468 | 24.2 | -11.4 | 18.3 | 3.3 | 20.9 | 21.1 | 2.2 | 12.0 |
| 03/08 | 174,483 | 25,811 | 30.5 | 26.1 | 14.5 | 2.9 | 19.9 | 24.4 | 2.1 | 9.9 |
| 03/09 | 243,721 | 29,660 | 35.1 | 14.9 | 12.6 | 2.5 | 20.1 | 25.9 | 1.5 | 7.9 |
| 03/10 | 302,966 | 32,101 | 38.0 | 8.2 | 11.6 | 2.2 | 19.3 | 25.1 | 1.2 | 7.2 |

2. We expect PAT of Rs7bv/s Rs6.2b in 3QFY08 and adjusted net profit of Rs3.4b in 4QFY07. GAIL' s reported profit of Rs6.8b in 4QFY07 included tax provision writeback of Rs3.4b.
3. YoY increase in profits is primarily due to $5 \%$ higher transmission and production volumes, $\sim 8 \%$ higher petchem and LPG prices and Rs0.5b decline in subsidy burden at Rs4.5b.
\& While on a QoQ basis increase in profit is primarily due to $30 \%$ higher petchem production at $105 \mathrm{kt}(\mathrm{v} / \mathrm{s} 81 \mathrm{kt}$ in 3QFY08), and $14 \%$ higher LPG production. GAIL's production volumes in 3Q were affected due to a three-week shutdown as well as lower gas availability. Petchem volumes are also expected to increase post commissioning of 100kta expansion in 4QFY08.
4. Transmission volumes are expected to decline marginally at $84 \mathrm{mmscmd} \mathrm{v} / \mathrm{s} 85.3 \mathrm{mmscmd}$, due to shutdown at Mumbai High, though moderated by increased availability of PMT gas to GAIL during the quarter.
es We remain very positive on GAIL, as we expect transmission volumes to increase by $\sim 60 \%$ over the next two years. GAIL's existing and large plans for city gas distribution and E\&P will provide added upsides. The stock currently trades at 12.6x FY09E earnings. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2Q | 3 Q | 4Q | 1Q | 2Q | 3 Q | 4QE |  |  |
| Net Sales | 40,784 | 37,070 | 43,784 | 38,834 | 42,457 | 45,289 | 42,983 | 43,754 | 160,472 | 174,483 |
| Change (\%) | 24.1 | 2.9 | 12.0 | 6.1 | 4.1 | 22.2 | -1.8 | 12.7 | 11.0 | 8.7 |
| Finished Gds Purchase | 24,720 | 22,130 | 24,072 | 23,368 | 23,529 | 25,398 | 24,190 | 24,940 | 94,290 | 98,056 |
| Raw Materials Cons | 4,342 | 4,224 | 4,759 | 4,527 | 4,314 | 4,503 | 4,725 | 5,119 | 17,851 | 18,661 |
| Employee Costs | 551 | 907 | 649 | 816 | 688 | 824 | 985 | 867 | 2,923 | 3,364 |
| Other Exp (incl Stock Adj) | 1,755 | 3,919 | 5,662 | 4,099 | 3,540 | 5,782 | 4,360 | 2,818 | 15,435 | 16,499 |
| EBITDA | 9,416 | 5,891 | 8,641 | 6,024 | 10,387 | 8,783 | 8,723 | 10,010 | 29,973 | 37,903 |
| \% of Net Sales | 23.1 | 15.9 | 19.7 | 15.5 | 24.5 | 19.4 | 20.3 | 22.9 | 18.7 | 21.7 |
| \% Change | -0.7 | -37.0 | -5.2 | -14.5 | 10.3 | 49.1 | 0.9 | 66.2 | -14.3 | 26.5 |
| Depreciation | 1,408 | 1,436 | 1,439 | 1,471 | 1,407 | 1,492 | 1,387 | 1,500 | 5,754 | 5,786 |
| Interest | 288 | 291 | 271 | 221 | 204 | 201 | 196 | 200 | 1,071 | 800 |
| Other Income | 801 | 1,674 | 1,846 | 1,129 | 913 | 1,806 | 1,848 | 1,864 | 5,450 | 6,430 |
| PBT | 8,521 | 5,838 | 8,778 | 5,461 | 9,689 | 8,897 | 8,989 | 10,174 | 28,598 | 37,748 |
| Tax | 2,600 | 1,354 | 2,124 | 2,053 | 2,837 | 3,171 | 2,775 | 3,154 | 8,130 | 11,937 |
| Rate (\%) | 30.5 | 23.2 | 24.2 | 37.6 | 29.3 | 35.6 | 30.9 | 31.0 | 28.4 | 31.6 |
| PAT | 5,921 | 4,484 | 6,655 | 3,408 | 6,852 | 5,725 | 6,214 | 7,020 | 20,468 | 25,811 |
| Change (\%) | 22.5 | -42.1 | 3.5 | -16.7 | 15.7 | 27.7 | -6.6 | 106.0 | -11.4 | 26.1 |
| Extraord.: Tax Prov. Write Back |  |  |  | 3,399 | 0 | 0 | 0 | 0 | 3,399 |  |
| Reported PAT | 5,921 | 4,484 | 6,655 | 6,807 | 6,852 | 5,725 | 6,214 | 7,020 | 23,867 | 25,811 |

Anil Sharma (AnilSharma@MotilalOswal.com);Tel: +91 22 39825413/Harshad Borawake (HarshadBorawake@MotilalOswal.com) Tel: 39825432

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 16,371 | HPCL IN |
|  | REUTERS CODE |
| S\&P CNX: 4,942 | HPCL.BO |
| Equity Shares (m) | 338.8 |
| 52-Week Range | $406 / 218$ |
| 1,6,12 Rel. Perf. (\%) | $-5 / 4 /-24$ |
| M.Cap. (Rs b) | 89.1 |
| M.Cap. (US\$ b) | 2.2 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | $\begin{array}{r} \text { Buy } \\ \text { Rs263 } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | ROE | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07 | 890,413 | 12,682 | 37.4 | 212.7 | 7.0 | 0.9 | 13.2 | 10.2 | 0.17 | 6.6 |
| 03/08 | ,047,622 | 10,166 | 30.0 | -19.8 | 8.8 | 0.9 | 10.2 | 5.0 | 0.14 | 8.0 |
| 03/09 | ,137,639 | 17,348 | 51.2 | 70.7 | 5.1 | 0.8 | 15.8 | 10.2 | 0.13 | 4.7 |
| 03/10 | 1,074,956 | 18,401 | 54.3 | 6.1 | 4.8 | 0.7 | 16.8 | 11.0 | 0.13 | 4.4 |

\& We expect PAT at Rs2.6b v/s Rs5.5b in 4QFY07 and losses of Rs157m in 3Q. Like other OMCs, the oil bonds and upstream subsidy quantum would continue to be the key determinant of reported numbers.

* We estimate overall underrecoveries at Rs64b (v/s Rs 45 b in 3 Q and Rs55b in 1HFY08). As for BPCL, we assume $57 \%$ oil bond issuance will be only for 4 QFY 08 . We build in 4 Q oil bonds at Rs36b ( $\mathrm{v} / \mathrm{s}$ Rs10b in 4 QFY 07 and Rs19b in 3QFY08). However, if the $57 \%$ formula is applied for full FY08, oil bonds for 4 Q could be Rs51b.

8. We estimate one-thirds discount from upstream at Rs21b (v/s Rs11.4b in 4QFY07 and Rs14.8b in 3QFY08).
\& On the operational front, we expect refinery throughput of 4.32 mmt in line with 3 Q and reported GRM at US\$5.4/bbl ( $\mathrm{v} / \mathrm{s}$ US\$6.3 in 3Q and US\$4.2/bbl in 4QFY07).
\& For FY09, we now factor in $57 \%$ oil bonds and $33 \%$ upstream discounts with net underrecoveries at just $10 \%$ from the earlier $24 \%$. Our revised EPS for FY09 at Rs51 is up 104\%.
\& HPCL currently trades at just 5.1x FY09E consolidated earnings. We maintain Buy in view of attractive valuations and continuing strong refining fundamentals. However, concerns remain on the large and non-transparent underrecovery sharing mechanism.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  |  | (RS MILLION) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Net Sales | 206,741 | 243,675 | 221,502 | 218,495 | 218,817 | 242,367 | 271,170 | 315,268 | 890,413 | 1,047,622 |
| Change (\%) | 26 | 36 | 11 | -3.9 | 6 | -1 | 22 | 44.3 | 15.8 | 17.7 |
| Raw Material Consumed | 90,409 | 100,016 | 86,610 | 81,133 | 78,157 | 90,004 | 100,611 | 107,078 | 358,168 | 375,850 |
| Staff Cost | 1,657 | 2,202 | 1,930 | 1,619 | 1,805 | 2,067 | 2,174 | 2,473 | 7,407 | 8,518 |
| Fininshed Goods Purchase | 114,243 | 121,223 | 118,300 | 114,736 | 128,882 | 150,771 | 150,430 | 191,569 | 468,502 | 621,651 |
| Other Exp, levies and stock adj | 5,599 | 3,771 | 12,722 | 10,757 | 11,259 | -13,673 | 16,474 | 8,752 | 32,848 | 22,812 |
| EBITDA | -5,166 | 16,462 | 1,940 | 10,251 | -1,285 | 13,199 | 1,481 | 5,397 | 23,487 | 18,791 |
| \% of Net Sales | -2.5 | 6.8 | 0.9 | 4.7 | -0.6 | 5.4 | 0.5 | 1.7 | 2.6 | 1.8 |
| \% Change | nm | 1,964 | $n m$ | -47.8 | nm | -20 | -24 | -47 | 191.1 | -20.0 |
| Depreciation | 1,701 | 1,742 | 1,733 | 1,864 | 1,798 | 2,017 | 2,161 | 2,107 | 7,040 | 8,083 |
| Interest | 596 | 983 | 1,046 | 1,527 | 1,334 | 1,399 | 2,184 | 1,850 | 4,152 | 6,766 |
| Other Income | 1,021 | 1,925 | 2,466 | 1,964 | 3,351 | 2,808 | 2,645 | 2,500 | 7,377 | 11,304 |
| PBT | -6,442 | 15,663 | 1,627 | 8,824 | -1,066 | 12,591 | -219 | 3,939 | 19,672 | 15,246 |
| Tax | -366 | 3,443 | 584 | 3,329 | -197 | 4,038 | -61 | 1,300 | 6,990 | 5,080 |
| Rate (\%) | 6 | 22 | 36 | 37.7 | 18 | 32 |  | 33 | 35.5 | 33.3 |
| PAT | -6,077 | 12,220 | 1,043 | 5,495 | -869 | 8,553 | -157 | 2,639 | 12,682 | 10,166 |
| Change (\%) | nm | nm | nm | -72.7 | $n m$ | -30.0 | -115.1 | -52.0 | 212.7 | -19.8 |
| Extraordinary - Tax Prov Write b | 0 | 0 | 3,030 | 0 | 0 | 0 | 0 | 0 | 3,030 | 0 |
| Reported PAT | -6,077 | 12,220 | 4,073 | 5,495 | -869 | 8,553 | -157 | 2,639 | 15,712 | 10,166 |

E: MOSt Estimates
Anil Sharma (AnilSharma@MotilalOswal.com);Tel: +91 22 39825413/Harshad Borawake (HarshadBorawake@MotilalOswal.com) Tel: 39825432

# Indian Oil Corporation 

| STOCK INFO. <br> BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | IOC IN |
|  | euters code |
| S\&P CNX: 4,942 IO |  |
| Equity Shares (m) | 1,192.4 |
| 52-Week Range (Rs) | 810/355 |
| 1,6,12 Rel. Perf. (\%) | -7/4/-12 |
| M.Cap. (Rs b) | 552.7 |
| M.Cap. (US\$ b) | 13.8 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs464 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | Net Sales | 5 PAT | EPS | EPS | P/E | P/BV | roe | roce | EV/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 03/07 | 1,999,308 | 59,887 | 50.2 | 18.9 | 9.2 | 1.5 | 16.4 | 12.6 | 0.4 | 6.4 |
| 03/08 | 2,575,058 | 105,911 | 88.8 | 76.9 | 5.2 | 1.2 | 23.1 | 15.7 | 0.3 | 5.0 |
| 03/09 | 2,502,280 | 125,481 | 105.2 | 18.5 | 4.4 | 1.0 | 21.9 | 16.8 | 0.3 | 4.2 |
| 03/10 | 2,367,161 | 127,569 | 107.0 | 1.7 | 4.3 | 0.8 | 18.5 | 15.1 | 0.3 | 4.2 |

* We expect PAT at Rs27b v/s Rs28.2b in 4QFY07 and Rs21b in 3Q. Like other OMCs, the oil bonds and upstream subsidy quantum would continue to be the key determinant of reported numbers.
\& We estimate overall underrecoveries at Rs166b (v/s Rs121b in 3Q and Rs154b in 1HFY08). Like other OMCs, we assume $57 \%$ oil bond issuance will be only for 4 QFY08. We build in 4 Q oil bonds at Rs95b (v/s Rs 42 b in 4 QFY 07 and Rs51b in 3QFY08). However, if the $57 \%$ formula is applied for full FY08, oil bonds for 4Q could be Rs132b.
\& We estimate one-thirds discount from upstream at Rs55b (v/s Rs34b in 4QFY07 and Rs40b in 3QFY08).
\& On the operational front, we expect refinery throughput of 12.5 mmt (up 6\% YoY and 4\% QoQ) and GRM at US\$8.9/ bbl ( $\mathrm{v} / \mathrm{s}$ US\$ $10.4 / \mathrm{bbl}$ in 3Q and US\$5.7/bbl in 4QFY07).
\& For FY09, we now factor in $57 \%$ oil bonds and $33 \%$ upstream discounts with net underrecoveries at just $10 \%$ from earlier $24 \%$. Our revised EPS for FY09 at Rs105 is up $74 \%$.
\& IOC currently trades at just 4.4x FY09E consolidated earnings. We maintain Buy in view of attractive valuations and continuing strong refining fundamentals. However, concerns remain on the large and non-transparent underrecovery sharing mechanism.

| QUARTERLY Performance (Standalone) |  |  |  |  |  |  |  |  |  | (RS MILLION) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 10 | 20 | 3 Q | 4QE |  |  |
| Net Sales | 484,996 | 578,305 | 556,472 | 528,890 | 528,620 | 561,487 | 640,585 | 702,750 | 2,148,663 | 2,433,443 |
| Change (\%) | 25.5 | 44.3 | 25.6 | 4.4 | 9.0 | -2.9 | 15.1 | 32.9 | 23.7 | 13.3 |
| Raw Material Consumed | 200,627 | 250,034 | 234,099 | 200,839 | 230,738 | 224,399 | 262,522 | 307,055 | 885,598 | 1,024,715 |
| Staff Cost | 5,232 | 6,548 | 5,388 | 9,041 | 6,838 | 7,502 | 6,954 | 7,330 | 26,209 | 28,625 |
| Fininshed Goods Purchase | 264,627 | 273,744 | 263,690 | 238,226 | 253,246 | 269,770 | 301,254 | 323,405 | 1,040,288 | 1,147,675 |
| Other Exp (incl Stock Adj) | 27,392 | 8,994 | 28,090 | 31,759 | 23,611 | 8,603 | 40,180 | 27,839 | 96,235 | 100,233 |
| EBITDA | -12,882 | 38,985 | 25,205 | 49,026 | 14,187 | 51,213 | 29,675 | 37,120 | 100,333 | 132,194 |
| \% of Net Sales | -2.7 | 6.7 | 4.5 | 9.3 | 2.7 | 9.1 | 4.6 | 5.3 | 4.7 | 5.4 |
| \% Change | -370.2 | 157.5 | 1,309.0 | -6.0 | nm | 31.4 | 17.7 | -24.3 | 35.8 | 31.8 |
| Depreciation | 5,894 | 6,688 | 6,597 | 6,723 | 6,748 | 6,765 | 6,663 | 6,882 | 25,903 | 27,057 |
| Interest | 3,385 | 3,760 | 3,963 | 3,947 | 3,374 | 3,335 | 3,880 | 3,600 | 15,055 | 14,189 |
| Other Income | 3,201 | 6,066 | 7,910 | 9,243 | 16,911 | 12,783 | 13,463 | 12,000 | 26,419 | 55,156 |
| PBT | -18,960 | 34,602 | 22,555 | 47,598 | 20,975 | 53,895 | 32,595 | 38,638 | 85,795 | 146,104 |
| Tax | 60 | 5,767 | 4,641 | 19,388 | 6,291 | 15,718 | 11,689 | 11,592 | 29,855 | 45,289 |
| Rate (\%) | -0.3 | 16.7 | 20.6 | 40.7 | 30.0 | 29.2 | 35.9 | 30.0 | 34.8 | 31.0 |
| PAT | -19,020 | 28,836 | 17,914 | 28,210 | 14,684 | 38,178 | 20,907 | 27,047 | 55,940 | 100,815 |
| Change (\%) | nm | 203.9 | nm | -21.0 | $n m$ | 32.4 | 16.7 | -4.1 | 25.5 | 80.2 |
| Extraordinary ltems | 32,238 | 0 | 0 | -13,183 | 0.0 | 0.0 | 0 | 0.0 | 19,055 | 0 |
| PAT incl extra-ordinaries | 13,218 | 28,836 | 17,914 | 15,027 | 14,684 | 38,178 | 20,907 | 27,047 | 74,995 | 100,815 |

$\overline{\text { E: MOSt Estimates }}$
Anil Sharma (AnilSharma@MotilalOswal.com);Tel: +91 22 39825413/Harshad Borawake (HarshadBorawake@MotilalOswal.com) Tel: 39825432

# Indraprastha Gas 

| STOCK INFO. BLOOMBERG <br> BSE Sensex: 16,371 IGL IN |  |  |
| :--- | ---: | :---: |
|  | REUTERS CODE |  |
| S\&P CNX: 4,942 | IGAS.BO |  |
| Equity Shares (m) | 140.0 |  |
| 52-Week Range | $183 / 89$ |  |
| 1,6,12 Rel. Perf. (\%) | $-1 / 10 / 9$ |  |
| M.Cap. (Rs b) | 19.0 |  |
| M.Cap. (US\$ b) | 0.5 |  |

28 March 2008
Not Rated

| Rs136 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | net sales | PAT | EPS | EPS | P/E | P/BV | roe | Roce | EV/ | EV/ |
| End | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | Sales | Ebitda |
| 03/07E | 6,141 | 1,380 | 9.9 | 29.7 | 13.8 | 4.1 | 32.6 | 44.8 | 3.0 | 7.3 |
| 03/08E | 7,167 | 1,740 | 12.4 | 26.2 | 10.9 | 3.3 | 33.1 | 46.5 | 2.5 | 5.9 |
| 03/09E | 8,552 | 1,851 | 13.2 | 6.3 | 10.3 | 2.7 | 28.7 | 41.2 | 2.0 | 5.2 |
| 03/10E | 10,070 | 1,879 | 13.4 | 1.5 | 10.1 | 2.3 | 24.7 | 35.6 | 1.6 | 4.7 |

\& We expect reported PAT at Rs 477 m (v/s Rs401m in 4QFY07 and Rs450m in 3QFY08) driven by volume growth.
\& We expect EBITDA margin at $42.8 \%$ (similar to 3QFY08) and $43.3 \%$ in 4QFY07.
\& IGL currently operates 156 CNG stations and the volumes at its current stations continue to grow at $12-13 \%$, led by regulatory as well as discretionary conversion of vehicles to CNG.
\& We expect CNG volumes to grow $6 \%$ QoQ to 138.6 mmscm and PNG volumes to grow by significantly higher rate of $23 \%$ to 13.1 mmscm .
2. Medium term growth for IGL is expected to come from expansion of its network in Delhi region as well as in new areas such as Greater Noida, Ghaziabad, Panipat and Sonipat and from addition of a new bus fleet ( $\sim 2,000-2,500$ new buses) for the Commonwealth Games.
\& IGL is currently trading at 10.3 X FY09E. We have no rating on the stock.


E:MOSt Estimates

| STOCK INFO.  <br> BSE Sensex: 16,371 BLOOMBERG <br> MRPL IN <br> REUTERS CODE <br> S\&P CNX: 4,942 MRPL.BO |  |
| :--- | :--- |
| Equity Shares (m) | $1,752.6$ |
| 52-Week Range | $149 / 32$ |
| 1,6,12 Rel. Perf. (\%) | $-3 / 9 / 96$ |
| M.Cap. (Rs b) | 132.4 |
| M.Cap. (US\$ b) | 3.3 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Sell |  |  |  |  |  |  |  |  |  | Rs76 |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | ROE | Roce | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07 | 286,331 | 5,255 | 3.0 | 41.4 | 25.2 | 4.8 | 20.4 | 20.0 | 0.5 | 10.3 |
| 03/08 | 329,295 | 13,359 | 7.6 | 154.2 | 9.9 | 3.5 | 40.8 | 26.4 | 0.5 | 7.1 |
| 03/09 | 316,669 | 10,859 | 6.2 | -18.7 | 12.2 | 2.9 | 26.0 | 18.0 | 0.5 | 8.3 |
| 03/10 | 296,006 | 9,503 | 5.4 | -12.5 | 13.9 | 2.5 | 19.4 | 13.0 | 0.6 | 9.6 |

\& We expect reported EBITDA at Rs5.4b (Rs5.8b in 4QFY07 and Rs5.5b in 3QFY08) down $7 \%$ YoY and $1 \%$ QoQ.
\& Reported PAT estimate at Rs2.9b (Rs1.8b in 4QFY07) is up 59\% YoY and down 2\% QoQ.
\& Though we expect lower EBITDA on a YoY basis, we estimate MRPL to report higher net profit at Rs $2.9 \mathrm{~b} / \mathrm{s}$ Rs 1.8 b in 4QFY07, primarily because MRPL had paid higher tax in 4QFY07. (effective tax rate of $62 \%$ in 4QFY07)
\& Unlike last two quarters we do not expect any MAT credit reversal in this quarter as we understand MRPL has exhausted all its available MAT credit of $\sim$ Rs 1 b .
\& On the operational front we expect throughput to remain flat on a YoY basis at 3.22 mmt . We expect reported GRM at US\$7.4/bbl (v/s US\$6.8 for 4QFY07 and US\$7.7/bbl for 3QFY08).
$\approx$ MRPL trades at PE of 12.2 x and EV/EBITDA of 8.3 x on FY09E. Despite recent large correction and continued strong refining fundamentals we believe MRPL's valuations continue to remain stretched compared with peers. We maintain Sell.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3 Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Net Sales | 64,698 | 80,522 | 73,133 | 67,979 | 74,391 | 76,404 | 81,383 | 97,117 | 286,331 | 329,295 |
| Change (\%) | 16 | 30 | 8 | 6.4 | 15 | -5 | 11 | 43 | 14.7 | 15.0 |
| Raw Material Cons. (incl. inv chg) | 57,412 | 77,504 | 68,785 | 59,388 | 66,664 | 70,467 | 73,777 | 89,344 | 263,089 | 300,252 |
| Staff Cost | 126 | 148 | 131 | 143 | 143 | 354 | 253 | 220 | 548 | 970 |
| Other Expenditure | 2,055 | 1,453 | 1,480 | 2,610 | 1,400 | 1,084 | 1,872 | 2,138 | 7,598 | 6,494 |
| EBITDA | 5,104 | 1,417 | 2,737 | 5,839 | 6,186 | 4,499 | 5,480 | 5,415 | 15,097 | 21,579 |
| \% of Net Sales | 7.9 | 1.8 | 3.7 | 8.6 | 8.3 | 5.9 | 6.7 | 5.6 | 5.3 | 6.6 |
| \% Change | 12 | -64 | 72 | 1,140.7 | 21 | 217 | 100 | -7 | 42.6 | 42.9 |
| Depreciation | 854 | 872 | 888 | 934 | 938 | 947 | 948 | 982 | 3,549 | 3,814 |
| Interest | 579 | 588 | 511 | 468 | 398 | 358 | 362 | 361 | 2,145 | 1,478 |
| Other Income | 83 | 182 | 841 | 380 | 1,333 | 386 | 308 | 300 | 1,487 | 2,327 |
| PBT | 3,755 | 139 | 2,179 | 4,817 | 6,183 | 3,580 | 4,479 | 4,372 | 10,889 | 18,614 |
| Tax | 1,596 | 46 | 994 | 2,998 | 2,498 | 785 | 1,534 | 1,482 | 5,634 | 6,300 |
| MAT Credit entitlement adjusted |  |  |  |  | 0 | -523 | -522 | 0 |  | -1,044 |
| Rate (\%) | 43 | 33 | 46 | 62.2 | 40 | 7 | 23 | 34 | 51.7 | 28.2 |
| PAT | 2,159 | 93 | 1,185 | 1,819 | 3,686 | 3,317 | 3,466 | 2,890 | 5,255 | 13,359 |
| Change (\%) | 0 | -94 | 512 | nm | 70.7 | 3,470.9 | 192.6 | 58.9 | 41.4 | 154.2 |
| Adj. PAT | 2,159 | 93 | 1,185 | 1,819 | 3,686 | 2,795 | 2,944 | 2,890 | 5,255 | 12,315 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 16,371 | ONGC IN |
|  | REUTERS CODE |
| S\&P CNX: 4,942 | ONGC.BO |


| Equity Shares (m) | $2,138.9$ |
| :--- | ---: |
| 52-Week Range (Rs) | $1,387 / 770$ |
| 1,6,12 Rel. Perf. (\%) | $9 / 15 /-6$ |
| M.Cap. (Rs b) | $2,249.1$ |

28 March 2008 Buy
Previous Recommendation: Buy
Rs1,052

| YEAR <br> END | NET SALES (RS B) | $\begin{gathered} \text { PAT } \\ \text { (RS B) } \end{gathered}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{aligned} & \mathrm{P} / \mathrm{E} \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | RoE <br> (\%) | ROCE <br> (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 03/07A | 823 | 178 | 83.1 | 15.4 | 12.7 | 3.4 | 29.0 | 27.9 | 2.5 | 5.6 |
| 03/08E | 1,004 | 230 | 107.4 | 29.3 | 9.8 | 2.8 | 31.3 | 30.7 | 1.9 | 4.5 |
| 03/09E | 1,062 | 256 | 119.8 | 11.6 | 8.8 | 2.3 | 29.0 | 28.5 | 1.7 | 3.7 |
| 03/10E | 1,065 | 255 | 119.1 | -0.6 | 8.8 | 2.0 | 24.5 | 24.0 | 1.6 | 3.5 |

\& We estimate ONGC' $s$ EBITDA at Rs78.5b (v/s Rs53.7b in 4QFY07 and Rs80.3b in 3QFY08).
\& We expect a marginal decline in production due to shutdowns taken at Mumbai High during the quarter. We estimate oil production (excl. JV) at 6.3 mmt (v/s 6.6 mmt in 3 QFY 08 ) and gas production (excl. JV) at 5.4 bcm ( $\mathrm{v} / \mathrm{s} 5.8 \mathrm{bcm}$ in 3QFY08).
\& Price of benchmark crude for ONGC, Bonny Light increased $64 \%$ YoY to US\$99/bbl from US\$60.5/bbl in 4QFY07 and $9 \%$ QoQ from US\$90.7/bbl in 3QFY08.
\& We factor in upstream discounts to the tune of $33.3 \%$ of total underrecoveries and ONGC's share to be Rs88b v/s Rs46.7b in 4QFY07 and Rs60.8b in 3QFY08.
$\&$ Implementation of revised gas prices as per the Tariff Commission recommendation remains pending, as notification is yet to be issued by the GoI. The gas price hike is unlikely to be with retrospective effect; hence continued delay in implementation remains a concern.
25 ONGC trades at $8.8 \times$ FY09 consolidated earnings. We remain positive on ONGC in view of continued high oil prices, impending gas price hike, and likely production increase from IOR/EOR, marginal field developments. Added upsides would accrue from large prospective NELP acreage and also growing portfolio of OVL. Maintain Buy.

| quarterly performance (Standalone) |  |  |  |  |  |  |  |  | (RS BILLIon |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 10 | 2 Q | 3 Q | 4QE |  |  |
| Net Sales | 146.0 | 140.7 | 155.6 | 124.0 | 136.9 | 154.1 | 151.2 | 146.8 | 566.3 | 589.1 |
| Change (\%) | 34.3 | 11.0 | 24.8 | 4.2 | -6.3 | 9.6 | -2.9 | 18.4 | 18.2 | 4.0 |
| Raw Material and Purchases | 17.5 | 17.0 | 15.4 | 13.4 | 13.6 | 16.1 | 16.4 | 16.2 | 63.3 | 62.2 |
| Statutory Levies | 31.1 | 29.8 | 30.6 | 28.4 | 29.0 | 32.0 | 32.3 | 30.2 | 119.9 | 123.5 |
| Employee Costs | 3.0 | 3.2 | 5.0 | 6.0 | 2.5 | 3.7 | 3.6 | 3.6 | 17.2 | 13.4 |
| Other Exp (incl Stock Adj) | 13.3 | 17.2 | 15.5 | 22.4 | 12.6 | 18.2 | 18.6 | 18.4 | 68.5 | 67.7 |
| EBITDA | 81.1 | 73.4 | 89.1 | 53.7 | 79.2 | 84.2 | 80.3 | 78.5 | 297.3 | 322.2 |
| \% of Net Sales | 55.5 | 52.2 | 57.2 | 43.3 | 57.9 | 54.6 | 53.1 | 53.5 | 52.5 | 54.7 |
| \% Change | 32.8 | 2.6 | 21.0 | -20.1 | -2.3 | 14.6 | -9.8 | 46.1 | 8.7 | 8.4 |
| Depreciation | 22.3 | 18.5 | 25.6 | 28.6 | 17.5 | 19.9 | 22.1 | 21.7 | 95.0 | 81.2 |
| Interest | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.3 | 0.1 | 0.3 | 0.2 | 0.7 |
| Other Income | 4.2 | 9.4 | 7.0 | 16.0 | 8.4 | 12.1 | 8.6 | 8.4 | 36.6 | 37.5 |
| PBT | 63.0 | 64.3 | 70.5 | 41.0 | 70.0 | 76.1 | 66.7 | 65.0 | 238.8 | 277.8 |
| Tax | 21.8 | 19.5 | 23.8 | 15.2 | 23.9 | 25.1 | 23.1 | 22.2 | 80.3 | 94.3 |
| Rate (\%) | 34.6 | 30.4 | 33.8 | 37.0 | 34.2 | 33.0 | 34.6 | 34.2 | 33.6 | 33.9 |
| PAT | 41.2 | 44.8 | 46.7 | 25.8 | 46.1 | 51.0 | 43.7 | 42.8 | 158.5 | 183.5 |
| Change (\%) | 24.1 | 8.2 | 20.0 | 5.7 | 11.9 | 13.8 | -6.4 | 65.5 | 14.9 | 15.8 |
| Extraordinary Items | 0.0 | -3.1 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | -2.0 | 0.0 |
| Reported PAT | 41.2 | 41.7 | 46.7 | 26.8 | 46.1 | 51.0 | 43.7 | 42.8 | 156.4 | 183.5 |

E: MOSt Estimates
Anil Sharma (AnilSharma@MotilalOswal.com);Tel: +91 22 39825413/Harshad Borawake (HarshadBorawake@MotilalOswal.com) Tel: 39825432

| STOCK INFO. B | BLOOMBERG |
| :---: | :---: |
| BSE Sensex: 16,371 | RIL IN |
|  | reuters code |
| S\&P CNX: 4,942 R | RELI.BO |
| Equity Shares (m) | 1,453.4 |
| 52-Week Range | 3,252/1,305 |
| 1,6,12 Rel. Perf. (\%) | \%) 1/8/47 |
| M.Cap. (Rs b) | 3,411.8 |
| M.Cap. (US\$ b) | 85.5 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  | Rs2,348 |  |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | EV/ |
| END | (RS B) | (RS B) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07A | 1,117 | 119 | 82.2 | 31.7 | 28.6 | 5.3 | 22.4 | 18.7 | 3.3 | 18.3 |
| 03/08E | 1,311 | 152 | 104.4 | 27.0 | 22.5 | 4.1 | 21.4 | 18.0 | 2.8 | 15.7 |
| 03/09E | 1,338 | 172 | 109.1 | 4.6 | 21.5 | 3.3 | 18.0 | 16.1 | 2.8 | 15.5 |
| 03/10E* | 2,046 | 377 | 238.4 | 118.5 | 9.8 | 2.6 | 27.8 | 25.3 | 1.8 | 7.4 |

${ }^{*}$ FY10E includes RPL financials
\& We estimate reported PAT at Rs38.2b v/s Rs31.6b in 4QFY07 and adj. PAT of Rs38.8b in 3QFY08.
\& Singapore GRM at US\$6.9/bbl declined $10 \%$ QoQ (US\$7.7/bbl in 3QFY08) and was flat YoY (US\$6.9/bbl in 4QFY07). We estimate RIL's reported GRM at $\sim \mathrm{US} \$ 13.9 / \mathrm{bbl}$, assuming a premium of US\$7/bbl (v/s reported premium of US\$7.7/bbl in 3Q and US\$6.2/bbl in 4QFY07).
\& Prices of the polymer chain firmed up by $5-6 \% \mathrm{QoQ}$ during the quarter, while decline was $6-8 \% \mathrm{QoQ}$ in polyester end products. Prices of MEG, which had heated up in 3Q declined by $12 \%$. We expect pressure on overall petchem margins to continue due to continued cost pressure from naphtha.
2. Apart from its core business, we believe RIL's stock performance will continue to be boosted by updates/newsflow from its $E \& P$ business segment and progress on KG-D6 gas production and marketing tie-ups and progress on RPL's refinery and Reliance Retail.
\& Currently the stock is trading at 21.5x FY09E and 9.8x FY10E. We include RIL's gas business and RPL only for our FY10 estimates and not for FY09. We continue to remain positive primarily due to large potential upsides from E\&P. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  |  | (RS MILLION) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Net Sales | 259,940 | 300,560 | 281,950 | 274,480 | 295,240 | 320,430 | 345,900 | 349,480 | 1,116,930 | 1,311,050 |
| Change (\%) | 46.2 | 45.1 | 55.2 | 11.8 | 13.6 | 6.6 | 22.7 | 27.3 | 37.5 | 17.4 |
| Raw Material Consumed | 178,100 | 216,330 | 194,690 | 191,260 | 208,880 | 233,540 | 258,380 | 264,093 | 780,380 | 964,893 |
| Staff Cost | 5,530 | 4,960 | 5,040 | 5,410 | 4,960 | 4,710 | 5,770 | 5,516 | 20,940 | 20,956 |
| Other Expenses | 29,980 | 28,630 | 30,420 | 26,120 | 24,670 | 24,370 | 23,420 | 22,229 | 115,150 | 94,689 |
| EBITDA | 46,330 | 50,640 | 51,800 | 51,690 | 56,730 | 57,810 | 58,330 | 57,643 | 200,460 | 230,513 |
| \% of Net Sales | 17.8 | 16.8 | 18.4 | 18.8 | 19.2 | 18 | 16.9 | 16.5 | 17.9 | 17.6 |
| Change (\%) | NM | NM | NM | NM | 22.4 | 14.2 | 12.6 | 11.5 | 40.2 | 15 |
| Depreciation | 11,010 | 12,130 | 12,740 | 12,270 | 11,250 | 11,290 | 12,130 | 12,187 | 48,150 | 46,857 |
| Interest | 2,980 | 2,970 | 3,060 | 2,880 | 2,950 | 2,570 | 2,530 | 2,519 | 11,890 | 10,569 |
| Other Income | 1,080 | 1,250 | 1,200 | 1,250 | 1,970 | 1,680 | 2,410 | 2,491 | 4,780 | 8,551 |
| PBT | 33,420 | 36,790 | 37,200 | 37,790 | 44,500 | 45,630 | 46,080 | 45,428 | 145,200 | 181,638 |
| Tax | 6,360 | 6,790 | 6,390 | 6,230 | 8,200 | 7,260 | 7,260 | 7,250 | 25,770 | 29,970 |
| Rate (\%) | 19 | 18.5 | 17.2 | 16.5 | 18.4 | 15.9 | 15.8 | 16 | 17.7 | 16.5 |
| Adjusted PAT | 27,060 | 30,000 | 30,810 | 31,560 | 36,300 | 38,370 | 38,820 | 38,177 | 119,430 | 151,667 |
| Change (\%) | NM | NM | NM | NM | 34.1 | 27.9 | 26 | 21 | 31.7 | 27 |
| Extra-ordinary Gains |  |  |  |  |  |  | 41,970 |  |  | 41,970 |
| Reported PAT | 27,060 | 30,000 | 30,810 | 31,560 | 36,300 | 38,370 | 80,790 | 38,177 | 119,430 | 193,637 |

E: MOSt Estimates

# Pharmaceuticals 

| BSE Sensex: 16,371 | S\&P C |
| :--- | :---: |
|  |  |
| COMPANY NAME | PG. |
| Aurobindo Pharma | 226 |
| Aventis Pharma | 227 |
| Biocon | 228 |
| Cadila Healthcare | 229 |
| Cipla | 230 |
| Dishman Pharma | 231 |
| Divi's Laboratories | 232 |
| Dr Reddy's Labs. | 233 |
| GSK Pharma | 234 |
| Jubilant Organosys | 235 |
| Lupin | 236 |
| Nicholas Piramal | 237 |
| Pfizer | 238 |
| Ranbaxy Labs. | 239 |
| Shasun Chemicals | 240 |
| Sun Pharmaceuticals | 241 |
| Wockhardt | 242 |

## Higher base effect and currency appreciation to drag down bottomline growth

MOSt Pharma universe sales growth for 4QFY08E is likely to be tempered to $10.8 \%$ YoY, mainly due to the higher base effect resulting from one-time opportunities last year, currency appreciation and lackluster performance from the larger generic companies and MNCs. The Big-3 generic companies (by sales) are likely to report a $4.7 \%$ decline in topline mainly due to $24.5 \%$ sales decline for Dr. Reddy's Labs. (because of the higher base effect of Ondansetron exclusivity). Other Indian companies are expected to record $26 \%$ topline growth, led mainly by commercialization of their product pipeline in regulated markets, traction in CRAMSbusiness and consolidation of acquired companies.

We expect MNC Pharma to report only $1 \%$ growth in topline, due to part-divestment of the consumer healthcare business for Pfizer, fine chemicals business for GSK Pharma and lower sales of Rabipur and Soframycin for Aventis. Overall EBITDA margins for MOSt Pharma universe are expected to decline by 86 bp YoY, as the MNC companies report 62 bp margin decline over last year. EBITDA margins for the Big- 3 generic companies are expected to decline by 710 bp (mainly due to Ondansetron base effect for DRL), while that for other Indian companies would witness an improvement of 367 bp . Overall, we expect MOSt Pharma universe's sAT to decline by $9.1 \%$ YoY, with MNC Pharma reporting growth of $2.6 \%$ YoY and other Indian Pharma group' s PAT growing

| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) |
| Pharmaceuticals |  |  |  |  |  |  |  |
| Aurobindo Pharma | Sell | 6,265 | 12.4 | 954 | 46.5 | 638 | -18.3 |
| Aventis Pharma | Buy | 2,026 | -4.8 | 395 | -20.0 | 332 | -23.4 |
| Biocon | Buy | 2,937 | 5.6 | 838 | -2.2 | 650 | 7.1 |
| Cadila Health | Buy | 5,459 | 25.3 | 793 | 11.5 | 388 | -0.2 |
| Cipla | Neutral | 9,532 | 2.3 | 2,082 | 42.7 | 1,422 | -0.6 |
| Dishman Pharma | Buy | 2,084 | 1.3 | 410 | 88.3 | 291 | -12.6 |
| Divis Labs | Neutral | 2,924 | 15.8 | 1,266 | 11.1 | 1,108 | 9.5 |
| Dr Reddy's Labs | Buy | 11,761 | -24.5 | 1,169 | -78.6 | 915 | -71.9 |
| GSK Pharma | Buy | 4,411 | 4.9 | 1,501 | 3.5 | 1,223 | 9.9 |
| Jubiliant Organosys | Buy | 6,635 | 43.2 | 1,251 | 56.9 | 796 | 24.8 |
| Lupin | Buy | 7,509 | 41.2 | 1,250 | 61.1 | 854 | 30.8 |
| Nicholas Piramal | Buy | 7,600 | 17.8 | 1,419 | 67.2 | 980 | 59.4 |
| Pfizer | Neutral | 1,678 | -1.4 | 430 | 5.4 | 364 | 12.2 |
| Ranbaxy Labs | Buy | 17,488 | 10.5 | 2,413 | 26.5 | 1,038 | -18.7 |
| Shasun Chemicals | Buy | 2,521 | 8.3 | 268 | 135.0 | 141 | 16.1 |
| Sun Pharma | Buy | 6,812 | 28.2 | 2,984 | 93.1 | 2,282 | 7.6 |
| Wockhardt | Neutral | 7,945 | 52.0 | 1,835 | 58.3 | 799 | 44.7 |
| Sector Aggregate |  | 105,590 | 10.8 | 21,257 | 6.3 | 14,220 | -9.1 |

Nimish Desai (Nimishdesai@MotilalOswal.com); Tel: +91 22 39825406/Jinesh K Gandhi (Jinesh@MotilalOswal.com); Tel +91 2239825416
by $14.1 \%$. The Big-3 generic companies are expected to record $43 \%$ PAT de-growth mainly due to a $72 \%$ decline in PAT for DRL and a $18.7 \%$ decline for Ranbaxy (due to lower forex gains). PAT for Sun Pharma will be partly boosted due to shared exclusivity for Oxcarbazepine while that for NPIL will be boosted by savings on NCE research. Topline performance of MNCs is likely to be impacted by company-specific factors divestment of fine chemicals business for GSK and part-divestment of consumer healthcare business for Pfizer.

## Patent expiries to drive generics growth in regulated markets

We expect US\$45b-US\$50b worth of products to go off-patent in the US alone by 2010. At an average of $97 \%$ price discount, this is likely to result in a potential market worth US\$1.5b for generics players over the next three years. Western Europe will witness patent expiries worth about US\$6b in the same period. Many countries (for e.g. Japan) are likely to encourage generics to reduce their healthcare costs. All this will ensure that generic volumes continue to expand further.

## US generic prices already at 97-99\% discount, further declines insignificant

 Prices for patent-expired products in the US are already at $97-99 \%$ discount to the innovator's price. While we do not expect any significant improvement in the competitive landscape in the short-to-medium term, we believe that further price declines may not be very significant. Price deflation commenced in CY04 and we are already into the fourth year of successive price decline.
## Low penetration to drive double-digit growth in many European markets

We believe that the generic penetration in several European markets is extremely low. Barring Germany and the UK, generic penetration in most of the regulated markets in Europe (France, Spain, Italy, Belgium) is in single digits. Japan, the second largest pharmaceutical market, also has a generic penetration of merely $5 \%$. This implies that as more drugs go off-patent in these markets and as respective governments enact favorable legislation, generic penetration in these markets is likely to improve significantly. The larger Indian generic players have already entered these markets (either via the inorganic route or via partnerships), which should augur well for these companies in the long term.

## RoW markets offer an attractive opportunity with higher margins

The size of the semi-regulated markets is expected to increase from US\$40b in 2005 to US\$50b-US\$60b by 2009. The opportunity spans more than 150 markets through Latin America, Asia, Eastern Europe and Australia. The current market share of Indian companies is merely about $6 \%$, implying that there is substantial room for growth. Secondly, most of these markets are branded generic markets, thus, resulting in better margins compared with the US generic market (GPM of about $60-70 \%$ compared with about $40-50 \%$ for the US). Indian generic companies have already established a reasonable presence in some of these markets (like Russia, Latam) while they are in the process of strengthening their presence in some of the other markets (like China, Australia, New Zealand).

## Cost structures are being re-aligned/de-risked

To counter the pricing pressure in regulated markets, Indian generic companies have embarked on a cost control cum de-risking drive. Costs are being reduced by focusing on conducting in-house bioequivalence studies; controlling SG\&A costs and adopting a pragmatic approach towards patent challenges (leading to out-of-court settlements thus capping litigation costs and leading to confirmed upsides from the patent challenges). Ranbaxy is a typical example of this approach. Dr. Reddy's Labs has de-risked its fixed costs by resorting to external funding and partnering with private equity investors. Sun Pharma and Nicholas Piramal have de-merged their NCE/NDDS research. Ranbaxy has also proposed a de-risking of its NCE research through a de-merger of its research unit.

Consolidation to gain further steam ahead, risks of extended payback remain
Intense price competition in the traditional generic market of the US and UK has forced most generic players to expand geographically and also focus on backward integration. This has led to a big consolidation wave in the global generic industry with large players such as Teva and Sandoz successfully polarizing the market in their favor (via big ticket acquisitions). While acquisitions are imperative to gain scale, we believe that current valuations for generic assets are extremely demanding implying that inorganic growth for Indian players is likely to come at the cost of extended paybacks of about 8-10 years.

Which generic models will succeed?
In our opinion, the winning business model will include a combination of:

1. Vertical integration
2. Low cost of manufacture
3. Geographically diversified presence
4. Wide product basket with pragmatic mix of FTF/niche and normal products
5. Strong balance sheet

The table belowindicates the status of Indian players vis-à-vis each of the above parameters:

| PARAMETER | PRE-REQUISITE | STATUS OF INDIAN PLAYERS |
| :--- | :--- | :--- |
| Vertical Integration | Complete integration from <br> manufacturing of inter- <br> mediates to formulations | Most Indian players are vertically <br> integrated |
| Manufacturing locations | Access to low-cost <br> manufacturing base like India | Most Indian players have a strong <br> manufacturing base in India |
| Geographical Diversification | Right mix of regulated and | Ranbaxy \& Cipla have a fairly <br> semi-regulated markets |
| diversified geographical portfolio |  |  |
| Product Basket | Wide product basket <br> including various dosage <br> forms with some niche | The top four generic Indian players <br> have large product baskets. Other <br> Indian companies in the process of |
|  | products \& FTFs | widening their portfolios |
| Financial Health | Strong balance sheet to  <br> manage litigation risks, Amongst the leading players only Sun <br>  acquisitions etc. | Pharma has the balance sheet strength <br> to fund large acquisitions without |
|  |  | significantly diluting equity capital |


#### Abstract

US pricing pressure, costly acquisitions - already discounted in current valuations While valuations for Ranbaxy and Dr Reddy's reflect extreme pessimism led by intense generics, pricing pressure and expensive acquisitions made by these companies, that for Sun Pharma reflect the consistency of performance over the past seven years and the conservative stance of its management.


## Sensitivity to US revenues likely to reduce in future for Ranbaxy and DRL

We believe that markets are currently discounting the $97-99 \%$ price erosion in the US generic markets despite the fact that the sensitivity to US generic revenues is likely to decline (particularly for Ranbaxy and DRL) in the coming years as initiatives in other markets (which enjoy better margins) start contributing to revenues and profits.

## Outsourcing opportunity gaining traction

More MNCs are visiting India for CRAMS tie-ups. We believe that India offers a unique combination of skilled labor (at low costs), international regulatory compliance, IPR protection, presence across CRAMS value chain and good quality. Most of the CRAMS players are expecting a ramp-up in their contract manufacturing revenues.

Large pharmaceutical companies like Pfizer, Merck (USA), AstraZeneca etc., have undertaken a restructuring of their manufacturing operations and are likely to focus on out sourcing to reduce costs. We believe that India could be a significant beneficiary of the increased outsourcing.

## Indian CRAMS players are also looking at acquisitions

Most of the Indian CRAMS players are looking at acquisitions to acquire more customer relationships and contracts as well as get access to critical technologies. Nicholas Piramal has already announced two acquisitions (Avecia and Pfizer's UK unit at Morpeth) while Shasun has acquired Rhodia's custom manufacturing unit in the UK. Dishman Pharma has acquired Carbogen-AMCIS in Switzerland while Jubilant Organosys has acquired Hollister in the US.

Most of the acquired companies were divested by their existing owners (mostly large pharmaceutical/chemicals companies) as a part of their strategy of divesting non-core assets. It is pertinent to note that most of these companies had invested significant resources some years ago to establish their presence in the CRAMS space. Failure/withdrawal of some large molecules, intense generic competition and low R\&D productivity (at the customer's end) has adversely impacted most CRAMS players in Europe and USA over the past three years. This coupled with high fixed costs forced the owners to divest these assets, which have been purchased by Indian CRAMSplayers at very reasonable valuations (0.5-1x sales).

## Topline grow th is imperative for turnaround of acquired CRAMS com panies

Although, Indian CRAMS players have acquired these assets at very reasonable valuations ( $0.5-1 \mathrm{x}$ sales), high fixed costs mandate that a turnaround is not feasible without topline growth. It is also important to note that most of these CRAMS assets were divested post restructuring (by their existing owners) implying that; there may not be very significant room to cut costs further. Hence the challenge for Indian companies which acquire such players, will be to grow the topline by getting more manufacturing contracts.

## Significant appreciation of the INR could have an adverse impact

The INR has appreciated significantly against the US\$ since March 2007. Being an exportoriented business model, currency appreciation is likely to have an adverse impact on the generic and the CRAMS players. We believe that the current valuations of these players have already discounted this significant currency appreciation. It has also been factored into our earnings estimates for these companies. Our estimates also take into account a further gradual appreciation of the INR v/s the US\$ for the next three years. However, any significant appreciation will have an adverse impact on operational performance of some of these companies with high net exposure to the US\$. These include Ranbaxy, Shasun, Dishman Pharma, Aurobindo and Cipla. Sun Pharma, Cadila Healthcare, MNC Pharma, and Nicholas Piramal will not be significantly impacted as they have lower net exposure to the US\$. However, if the INR were to appreciate against the Euro and the GBP, it will impact companies like Nicholas Piramal, Shasun and Wockhardt due to their exposure to the European markets. We note that the INR has, in fact, depreciated against the US\$ in the past few weeks.

## New Pharma Policy: Uncertainty continues

The outlook on the NewPharmaceutical Policy continues to be uncertain as the government is yet to announce the final policy. We believe that there are still differences between the government and the pharmaceutical industry which need to be worked out. Major differences concern the span and extent of price control on pharmaceutical products. Media reports suggest that the government is not fully satisfied with the price cuts implemented by the pharmaceutical industry in the generic-generics segment.

The new policy proposes to significantly increase the span of control by bringing in additional 354 drugs under price control. This could severely impact profitability of the domestic formulations business. Industry has taken strong objection to the proposed policy and we believe that the policy is unlikely to be implemented in the current form. Given strong opposition from industry, the government has formed a Group of Ministers (GoM), which would give final recommendations to the government regarding the new pharmaceutical policy. However, the uncertainty related to this will remain until the government finally notifies the new pharmaceutical policy.

It is important to note that these are only recommendations, pending announcement of the final new drug policy. These recommendations may or may not undergo a change in the final policy when the proposed policy is tabled in the Union Cabinet for approval.

## Domestic market - showing double-digit growth

The domestic formulation industry, has maintained its double-digit growth trajectory at $13.6 \%$ for 12 months ended January 2008. While higher volumes have primarily driven the growth, we also note that the industry is witnessing a minor positive price contribution.


## Outlook

## Generics

We believe that the worst is over for Indian generic companies and expect gradual improvement in their performance over the next two years. CY05-CY07 was the worst period for generics mainly due to:
\& Increased competition due to aggressive filings from Indian companies and entry of new players
\& Innovators have adopted an aggressive stance including price cuts (on branded products), introduction of authorized generics, patent delisting, and defending IPRs vigorously.
\& Combined impact of intense competition, currency appreciation and very few new launches due to lesser number of patent expiries.
\& What has changed over CY05-CY06?
2. We expect US\$45b-US\$50b worth of products to go offpatent in the US alone by 2010 - takes care of one of the key impediments for generics
\& Pricing to remain intensely competitive due to entry of more players and government pressure - however, significant price deterioration unlikely as generic prices are already at $1-3 \%$ of the innovator price
\& Expect more consolidation as generics gain scale and expand geographical reach
2. Indian generic companies have initiated cost-cutting measures (including R\&D hive-off)
\& Generics and innovators adopting a more pragmatic stance on patent litigations leading to settlements and resulting in monetization of the Para-IV pipeline for some of these companies (especially Ranbaxy, Sun Pharma and DRL).
2. Governments worldwide trying to reduce healthcare costs - expect regulation to remain favorable

Our top picks in the generic space are Ranbaxy, Sun Pharma and Lupin.

## MNC Pharma

We remain favorably inclined towards MNC Pharma stocks in the long term. In our view, the current risk-reward equation is stacked in favor of MNC stocks. Leading Pharma MNCs are geared to gain from the opportunities arising in the stronger patent regime post 2005. We remain bullish on the long-term prospects of these companies. The potential upside from product patents would create 'option value' in these stocks over the longer term. It should be noted that some of the patented products may be launched by the parent through the $100 \%$ subsidiary route. However, we believe that most of the mass-market products (which need a large field force for promotion) are likely to be launched through the listed entities. GSK Pharma remains our top pick amongst the MNCs.

## CRAMS

We also believe that the Indian contract-manufacturing segment will see strong doubledigit secular growth (given India's advantages) with the financial impact visible from FY09 onwards. Piramal Healthcare remains our top pick amongst the CRAMS players.

TRENDIN GROWTH / PROFITABILITY OF DIFFERENT SEGMENTS OF THE INDUSTRY (J ANUARY-MARCH QUARTER)

| INQUIRE PHARMA UNIVERSE AGGREGATES | YOY GROWTH (\%) |  |  | EBITDA MARGIN (\%) |  |  | NET PROFIT MARGIN (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | SALES | EBITDA | ADJ PAT | MAR-08 | MAR-07 | CHG (BPS) | MAR-08 | MAR-07 | (BPS) |
| MNC Pharma (Aventis, GSK Pharma, Pfizer) | 1.0 | -1.1 | 2.6 | 28.7 | 29.3 | -62 | 23.6 | 23.3 | 36 |
| Indian Big-3 (Cipla, DRL, Ranbaxy) ** | -4.7 | -35.9 | -43.4 | 14.6 | 21.7 | -710 | 8.7 | 14.6 | -594 |
| Other Indian Pharma | 26.0 | 50.5 | 14.1 | 22.6 | 18.9 | 367 | 15.2 | 16.8 | -159 |
| Sector Aggregate | 10.8 | 6.3 | -9.1 | 20.1 | 21.0 | -86 | 13.5 | 16.4 | -295 |

Stock performance and valuations
STOCK PERFORMANCE (\%)

|  | ABSOLUTE PERF |  | REL PERF TO SENSEX |  | REL PERF TO SECTOR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 M | 1 YEAR | 3 M | 1 YEAR | 3 M | 1 YEAR |
| Pharmaceuticals |  |  |  |  |  |  |
| Aurobindo Pharma | -45 | -55 | -26 | -82 | -36 | -62 |
| Aventis Pharma | -33 | -38 | -14 | -65 | -24 | -45 |
| Biocon | -25 | -8 | -6 | -35 | -17 | -15 |
| Cadila Health | -19 | -23 | 0 | -50 | -10 | -30 |
| Cipla | 1 | -7 | 20 | -34 | 10 | -15 |
| Dishman Pharma | -10 | 47 | 9 | 20 | -1 | 39 |
| Divis Labs | -28 | 131 | -9 | 104 | -19 | 123 |
| Dr Reddy's Labs | -17 | -15 | 2 | -42 | -8 | -22 |
| GSK Pharma | 2 | -5 | 21 | -32 | 11 | -12 |
| Jubiliant Organosys | -3 | 31 | 16 | 4 | 6 | 24 |
| Lupin | -23 | -17 | -4 | -44 | -14 | -25 |
| Piramal Healthcare | -14 | 24 | 5 | -3 | -5 | 16 |
| Pfizer | -17 | -17 | 2 | -44 | -8 | -24 |
| Ranbaxy Labs | 6 | 30 | 25 | 3 | 14 | 22 |
| Shasun Chemicals | -50 | -55 | -31 | -82 | -41 | -63 |
| Sun Pharma | 4 | 26 | 23 | -2 | 12 | 18 |
| Wockhardt | -34 | -33 | -15 | -60 | -25 | -40 |

RELATIVE PERFORMACE - 3 MONTHS (\%)


RELATIVE PERFORMANCE - 1 YEAR (\%)



| Pharm aceuticals |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Aurobindo Pharma | 294 | Sell | 33.9 | 36.1 | 49.2 | 8.7 | 8.1 | 6.0 | 8.1 | 6.8 | 5.3 | 21.0 | 18.5 |
| Aventis Pharma | 750 | Buy | 62.7 | 63.5 | 67.6 | 12.0 | 11.8 | 11.1 | 7.4 | 6.4 | 5.1 | 21.5 | 19.6 |

# Aurobindo Pharma 

| STOCK INFO. |  |
| :--- | ---: |
| BSE Sensex: $16,371$BLOOMBERG <br> ARBP IN <br> REUTERS CODE |  |
| S\&P CNX: 4,942 | ARBN.bO |
| Equity Shares (m) | 53.3 |
| 52-Week Range | $820 / 233$ |
| 1,6,12 Rel. Perf. (\%) | $3 /-46 /-82$ |
| M.Cap. (Rs b) | 15.7 |
| M.Cap. (US\$ b) | 0.4 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Sell |  |  |  |  |  |  |  |  |  | Rs294 |
| year | net sales | PAT | EPS | EPS | P/E | P/BV | roe | roce | EV/ | EV/ |
| End * | (RS M) | (RS M) | (RS) | GRowTH (\%) | (X) | (X) | (\%) | (\%) | SaLES | Ebitda |
| 03/07A | 21,229 | 2,010 | 29.4 | 262.0 | 10.0 | 1.8 | 22.7 | 8.3 | 1.4 | 10.1 |
| 03/08E | 23,568 | 2,322 | 33.9 | 15.5 | 8.7 | 1.4 | 21.0 | 9.2 | 1.2 | 8.1 |
| 03/09E | 26,994 | 2,470 | 36.1 | 6.4 | 8.1 | 1.2 | 18.5 | 9.1 | 1.0 | 6.8 |
| 03/10E | 32,209 | 3,367 | 49.2 | 36.3 | 6.0 | 0.9 | 20.3 | 10.7 | 0.8 | 5.3 |

*Consolidated results
\& Sales are expected to grow by $12.4 \%$ to Rs6.2b, on account of improved traction in USA as well as higher ARV sales. EBITDA margins are expected to improve by 354 bp to $15.2 \%$ due to improvement in market and product mix.
\& We do not expect any significant contribution from the Cefdinir launch in the US as it is likely to have contributed for not more than a week' $s$ revenues.
\& While the company has aggressively ramped up its filings in the regulated markets, we believe that being a late entrant it will have to play the price game to gain share. We believe that it is currently in an investment mode as far as some of the European markets are concerned. The company continues to be exposed to the cyclicality of Pen-G prices as products based on Pen-G contribute about $18 \%$ to revenues. The stock is currently valued at 8.1 x and 6 x FY09E and FY109 earnings respectively. We maintain Sell.
\& Our quarterly estimates are standalone, while annual estimates are on a consolidated basis.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07** |  |  |  | FY08 |  |  |  | FY07** | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 10 | 2 O | 3 Q | 4QE |  |  |
| Net Sales | 4,141 | 4,800 | 5,284 | 5,572 | 5,323 | 6,284 | 5,696 | 6,265 | 19,797 | 23,568 |
| YoY Change (\%) | 47.6 | 50.2 | 29.2 | 20.3 | 28.5 | 30.9 | 7.8 | 12.4 | 34.5 | 19.0 |
| Total Expenditure | 3,483 | 4,109 | 4,499 | 4,920 | 4,629 | 5,350 | 4,908 | 5,311 | 17,011 | 20,197 |
| EBITDA | 659 | 691 | 785 | 652 | 695 | 934 | 788 | 954 | 2,786 | 3,371 |
| Margins (\%) | 15.9 | 14.4 | 14.9 | 11.7 | 13.1 | 14.9 | 13.8 | 15.2 | 14.1 | 14.3 |
| Depreciation | 143 | 150 | 163 | 263 | 234 | 250 | 256 | 275 | 718 | 1,014 |
| Interest | 70 | 202 | 197 | 30 | 106 | 116 | 101 | 128 | 187 | 451 |
| Other Income | 60 | 267 | 263 | 152 | 335 | 270 | 175 | 81 | 431 | 862 |
| PBT | 506 | 606 | 688 | 511 | 690 | 838 | 606 | 633 | 2,312 | 2,767 |
| Tax | 7 | 48 | 52 | -68 | 78 | 204 | 155 | -133 | 39 | 304 |
| Deferred Tax | 137 | 12 | 44 | -234 | -8 | 11 | 6 | 129 | -41 | 138 |
| Rate (\%) | 28.5 | 9.8 | 14.0 | -58.9 | 10.2 | 25.7 | 26.7 | -0.6 | -0.1 | 16.0 |
| PAT | 362 | 546 | 601 | 781 | 617 | 621 | 446 | 638 | 2,291 | 2,322 |
| Adjusted PAT | 362 | 546 | 592 | 781 | 618 | 621 | 445 | 638 | 2,263 | 2,322 |
| YoY Change (\%) | 1,701.5 | 1,401.1 | 126.0 | 108.1 |  |  |  |  | 226.2 | 2.6 |
| Margins (\%) | 8.7 | 11.4 | 11.2 | 14.0 | 11.6 | 9.9 | 7.8 | 10.2 | 11.4 | 9.9 |

E: MOSt Estimates; **-Denotes standalone financials

# Aventis Pharma 

| STOCK INFO. BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | HOEC IN |
|  | reuters code |
| S\&P CNX: 4,942 | EC.bo |
| Equity Shares (m) | 23.0 |
| 52-Week Range | 1,495/725 |
| 1,6,12 Rel. Perf. (\%) | -10/-30/-65 |
| M.Cap. (Rs b) | 17.3 |
| M.Cap. (US\$ b) | 0.4 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs750 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | roe | Roce | EV/ | Ev/ |
| EnD* | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 12/06A | 8,821 | 1,693 | 73.5 | 3.2 | 10.2 | 2.9 | 28.6 | 42.0 | 1.5 | 6.1 |
| 12/07A | 8,735 | 1,444 | 62.7 | -14.7 | 12.0 | 2.6 | 21.5 | 33.1 | 1.4 | 7.4 |
| 12/08E | 9,087 | 1,462 | 63.5 | 1.3 | 11.8 | 2.3 | 19.6 | 29.7 | 1.3 | 6.4 |
| 12/09E | 9,926 | 1,557 | 67.6 | 6.5 | 11.1 | 2.1 | 18.9 | 28.7 | 1.1 | 5.1 |

\& Sales are expected to decline by $5 \%$ YoY to Rs2b due to lower Rabipur and Soframycin revenues in the domestic market. Exports are also expected to decline due to removal of some of the company's products from the federal reimbursement list in Russia and appreciation of the INR versus the US\$. The parent has commenced sourcing more products from APL and has identified it as a global sourcing base for some of its patent-expired products like Paracetamol. This is likely to lead to better performance on the export front over the long-term.
\& EBITDA margins are likely to decline by 370bp to $19.5 \%$ due to higher contribution from mature brands like Combiflam and higher expenses related to increasing filed force for penetration in non-urban areas.
\& PAT is expected to record $23 \%$ de-growth due to lower EBITDA margins and reduced other income. Higher tax rates are also likely to adversely impact the bottomline.
$\&$ We believe that APL will be one of the key beneficiaries of the patent regime in the long term. The parent has a strong R\&D pipeline with a total of 125 products under development, of which 25 are in Phase-III. It plans to file 40 NDAs by CY10E. We continue to remain positive on APL's long-term prospects. However, we believe that, the stock price performance will remain muted until more clarity emerges on supply issues related to Rabipur and Soframycin. The stock is currently valued at 11.8 x CY08E and 11.1 x CY09E earnings. We maintain Buy.

| quarterly performance (Standalone) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E december | CY07 |  |  |  | CY08E |  |  |  | CY07 | CY08E |
|  | 10 | 20 | 30 | 4 Q | 10 | 20 | 3 Q | 4 Q |  |  |
| Net Sales | 2,129 | 2,302 | 2,264 | 2,040 | 2,026 | 2,360 | 2,397 | 2,304 | 8,735 | 9,087 |
| YoY Change (\%) | 6.2 | 3.3 | -6.9 | -6.2 | -4.8 | 2.5 | 5.9 | 12.9 | 328.2 | 4.0 |
| Total Expenditure | 1,635 | 1,857 | 1,818 | 1,750 | 1,631 | 1,845 | 1,895 | 1,879 | 7,060 | 7,250 |
| EBITDA | 494 | 445 | 446 | 290 | 395 | 515 | 502 | 425 | 1,675 | 1,837 |
| Margins (\%) | 23.2 | 19.3 | 19.7 | 14.2 | 19.5 | 21.8 | 20.9 | 18.5 | 19.2 | 20.2 |
| Depreciation | 45 | 47 | 47 | 46 | 46 | 52 | 52 | 55 | 185 | 205 |
| Interest | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Other Income | 200 | 182 | 176 | 182 | 154 | 117 | 206 | 110 | 740 | 587 |
| PBT before EO Items | 649 | 580 | 573 | 426 | 503 | 580 | 655 | 481 | 2,228 | 2,219 |
| Extra-Ord Expense | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PBT after EO Items | 649 | 580 | 573 | 426 | 503 | 580 | 655 | 481 | 2,228 | 2,219 |
| Tax | 216 | 207 | 205 | 156 | 172 | 198 | 223 | 164 | 784 | 757 |
| Effective tax Rate (\%) | 33.3 | 35.7 | 35.8 | 36.6 | 34.1 | 34.1 | 34.1 | 34.1 | 35.2 | 34.1 |
| Reported PAT | 433 | 373 | 368 | 270 | 332 | 382 | 432 | 317 | 1,444 | 1,462 |
| Adj PAT | 433 | 373 | 368 | 270 | 332 | 382 | 432 | 317 | 1,444 | 1,462 |
| YoY Change (\%) | 17.3 | -15.0 | -31.6 | -22.2 | -23.4 | 2.5 | 17.3 | 17.3 | 434.7 | 1.3 |
| Margins (\%) | 20.3 | 16.2 | 16.3 | 13.2 | 16.4 | 16.2 | 18.0 | 13.7 | 16.5 | 16.1 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG |  |
| :--- | ---: | :---: |
| BSE Sensex: 16,371 | BIOS IN |  |
|  | REUTERS CODE |  |
| S\&P CNX: 4,942 | BION.BO |  |
| Equity Shares (m) | 100.0 |  |
| 52-Week Range | $663 / 345$ |  |
| 1,6,12 Rel. Perf. (\%) | $4 /-4 /-35$ |  |
| M.Cap. (Rs b) | 43.2 |  |
| M.Cap. (US\$ b) | 1.1 |  |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs432 |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07A | 9,863 | 2,002 | 20.0 | 15.1 | 21.6 | 4.0 | 18.7 | 17.0 | 4.5 | 15.5 |
| 03/08E | 10,807 | 2,250 | 22.5 | 12.4 | 19.2 | 2.9 | 14.9 | 14.2 | 3.8 | 13.7 |
| 03/09E | 17,917 | 2,645 | 26.4 | 17.5 | 16.3 | 2.5 | 15.4 | 16.1 | 2.4 | 10.7 |
| 03/10E | 21,178 | 3,127 | 31.3 | 18.3 | 13.8 | 2.2 | 16.0 | 16.4 | 1.9 | 8.6 |

\& Biocon's 4QFY08 sales are expected to grow by only $5.6 \%$ YoY to Rs 2.9 mainly due to divestment of the enzyme business and lower growth in the contract research business.
\& EBITDA margins are likely to reduce by 227 bp (to $28.5 \%$ ) due to higher R\&D and promotional spend as well as currency appreciation.
\& Higher depreciation (up by $30 \% \mathrm{YoY}$ ) on account of commencement of new facility, is likely to restrict PAT growth to $7 \%$ at Rs650m.
\& Biocon has divested its enzymes business to Novozymes for US\$115m. Since the sale is effective from 3QFY08, our estimates take into account the revenue impact of this divestment.
\& While some of Biocon's sinitiatives appear promising, their visibility is poor. Biocon is currently valued at 16.3 x FY09E and 13.8x FY10E earnings. Launch of bio-generics in regulated markets remains the key long-term trigger; however, clarity on the regulatory pathway is still awaited from the USFDA. In the interim, Biocon's initiatives in the Insulin space are likely to be key growth drivers. Another re-rating trigger is the proposed listing of its contract research business over the next 12 months. We maintain Buy.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Net Sales | 2,120 | 2,490 | 2,470 | 2,782 | 2,710 | 2,790 | 2,370 | 2,937 | 9,862 | 10,807 |
| YoY Change (\%) | 21.9 | 24.2 | 24.0 | 29.8 | 27.8 | 12.0 | -4.0 | 5.6 | 25.1 | 9.6 |
| Total Expenditure | 1,577 | 1,831 | 1,693 | 1,925 | 1,945 | 1,985 | 1,779 | 2,099 | 7,022 | 7,809 |
| EBITDA | 544 | 659 | 777 | 857 | 765 | 805 | 591 | 838 | 2,840 | 2,998 |
| Margins (\%) | 25.6 | 26.5 | 31.5 | 30.8 | 28.2 | 28.8 | 24.9 | 28.5 | 28.8 | 27.7 |
| Depreciation | 109.7 | 177.5 | 182.8 | 195.3 | 216.4 | 233.6 | 240.0 | 253.0 | 665.3 | 943.0 |
| Interest | 16.7 | 21.6 | 21.6 | 34.5 | 27.5 | 26.7 | 25.8 | 27.5 | 94.5 | 107.5 |
| Other Income | 13.6 | 8.6 | 2.8 | 11.9 | 9.9 | 19.2 | 210.9 | 106.9 | 31.9 | 346.9 |
| PBT | 431 | 469 | 576 | 639 | 531 | 564 | 536 | 665 | 2,112 | 2,295 |
| Tax | 42 | 22 | 36 | 65 | 15 | 38 | 18 | 44 | 165 | 114 |
| Rate (\%) | 9.8 | 4.8 | 6.2 | 10.2 | 2.8 | 6.7 | 3.3 | 6.7 | 7.8 | 5.0 |
| Minority Interest | -5 | -7 | -20 | -33 | -14 | -14 | -12 | -30 | -63 | -70 |
| PAT | 394 | 453 | 560 | 607 | 530 | 540 | 530 | 650 | 2,010 | 2,250 |
| YoY Change (\%) | 1.8 | 4.1 | 27.7 | 26.9 | 34.5 | 19.0 | -5.3 | 7.1 | 15.5 | 12.0 |
| Margins (\%) | 18.6 | 18.2 | 22.7 | 21.8 | 19.6 | 19.3 | 22.4 | 22.1 | 20.4 | 20.8 |

$\overline{\text { E: MOSt Estimates }}$
Nimish Desai (Nimishdesai@MotilalOswal.com); Tel: +91 22 39825406/Jinesh K Gandhi (Jinesh@MotilalOswal.com); Tel +91 2239825416

| STOCK INFO. | BLOOMBERG |  |
| :--- | ---: | :---: |
| BSE Sensex: 16,371 | CDH IN |  |
|  | REUTERS CODE |  |
| S\&P CNX: 4,942 | CADI.BO |  |
| Equity Shares (m) |  |  |
| 52-Week Range | 125.6 |  |
| 1,6,12 Rel. Perf. (\%) | $-712 / 203$ |  |
| M.Cap. (Rs b) | $314 /-50$ |  |
| M.Cap. (US\$ b) | 0.8 |  |


| 28 March 2008 Buy |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs250 |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | Roe | ROCE | EV/ | EV/ |
| END* | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 03/07A | 18,288 | 2,343 | 18.7 | 43.5 | 13.4 | 3.6 | 29.9 | 24.1 | 1.9 | 9.9 |
| 03/08E | 23,072 | 2,503 | 19.5 | 4.3 | 12.9 | 3.0 | 25.4 | 21.0 | 1.5 | 8.3 |
| 03/09E | 27,048 | 3,052 | 24.3 | 24.9 | 10.3 | 2.4 | 25.9 | 19.7 | 1.3 | 6.9 |
| 03/10E | 31,713 | 4,172 | 33.2 | 36.7 | 7.5 | 1.9 | 28.6 | 22.7 | 1.1 | 5.3 |

2. Cadila' s 4QFY08 revenue is expected to grow by $25.3 \%$ to Rs 5.5 b, driven by $40 \%$ growth in formulation exports and $33 \%$ growth in domestic business (on a low base).
3. EBITDA margins are expected to decline by 180 bp to $14.5 \%$, mainly due to reduced sourcing of Pantoprazole intermediates by Nycomed (a high-margin product). This coupled with higher interest cost (up by 44\%) and increased depreciation (up $40 \%$ ) is likely to result in flat PAT growth.

25 Teva and Sun Pharma have recently launched their generic versions of Protonix (Pantoprazole) in the US thus adversely impacting Nycomed' s revenues. Cadila management has, in the past, indicated that this is likely to adversely impact the bottomline by about Rs170-200m on an annualized basis.
\& Cadila is currently valued at $10.3 \times$ FY09E and $7.5 x$ FY10E consolidated earnings. Higher growth in the international business, turnaround in French operations and commencement of supplies to Hospira coupled with a de-risked business model should augur well for the company. We maintain Buy.

| QUARTERLY Performance (Consolidated) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4 Q | 10 | 2 Q | 30 | 4QE |  |  |
| Net Revenues | 4,458 | 4,748 | 4,724 | 4,357 | 5,722 | 6,097 | 5,794 | 5,459 | 18,288 | 23,072 |
| YoY Change (\%) | 19.5 | 27.3 | 27.8 | 25.9 | 28.4 | 28.4 | 22.7 | 25.3 | 23.2 | 26.2 |
| Total Expenditure | 3,560 | 3,658 | 3,901 | 3,646 | 4,610 | 4,780 | 4,759 | 4,667 | 14,767 | 18,816 |
| EBITDA | 898 | 1,090 | 823 | 711 | 1,112 | 1,317 | 1,035 | 793 | 3,521 | 4,257 |
| Margins (\%) | 20.1 | 23.0 | 17.4 | 16.3 | 19.4 | 21.6 | 17.9 | 14.5 | 19.3 | 18.4 |
| Depreciation | 197 | 213 | 212 | 200 | 239 | 235 | 270 | 279 | 823 | 1,023 |
| Interest | 69 | 54 | 49 | 52 | 73 | 127 | 66 | 75 | 223 | 341 |
| Other Income | 49 | 3 | 0 | 15 | 94 | 0 | 2 | 4 | 264 | 100 |
| PBT before EO Income | 681 | 826 | 562 | 474 | 894 | 955 | 701 | 443 | 2,739 | 2,993 |
| EO Exp/(lnc) | 0 | 0 | -196 | 0 | 0 | 24 | 45 | 0 | 0 | 69 |
| PBT after EO Income | 681 | 826 | 758 | 474 | 894 | 931 | 656 | 443 | 2,739 | 2,924 |
| Tax | 76 | 100 | 98 | 50 | 121 | 114 | 177 | 27 | 324 | 439 |
| Rate (\%) | 11.2 | 12.1 | 12.9 | 10.5 | 13.5 | 12.2 | 27.0 | 6.0 | 11.8 | 15.0 |
| Minority Int/Adj on Consol | 21 | 21 | 1 | 35 | 34 | 16 | -37 | 28 | 77 | 41 |
| Reported PAT | 584 | 705 | 659 | 389 | 739 | 801 | 516 | 388 | 2,338 | 2,444 |
| Adj PAT | 584 | 705 | 488 | 389 | 739 | 822 | 549 | 388 | 2,338 | 2,503 |
| YoY Change (\%) | 47.2 | 38.8 | 18.4 | 13.0 | 26.5 | 16.6 | 12.4 | -0.2 | 40.7 | 7.0 |
| Margins (\%) | 13.1 | 14.8 | 10.3 | 8.9 | 12.9 | 13.5 | 9.5 | 7.1 | 12.8 | 10.8 |

E: MOSt Estimates; Quarterly numbers don' $t$ add up to full year numbers due to restatement
Nimish Desai (Nimishdesai@MotilalOswal.com); Tel: +9122 39825406/Jinesh K Gandhi (Jinesh@MotilalOswal.com); Tel +91 2239825416

Cipla

| STOCK INFO. BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | CIPLA IN |
|  | reuters code |
| S\&P CNX: 4,942 | CIPL.BO |
| Equity Shares (m) | 777.3 |
| 52-Week Range (Rs) | 260/160 |
| 1,6,12 Rel. Perf. (\%) | 14/25/-34 |
| M.Cap. (Rs b) | 169.1 |
| M.Cap. (US\$ b) | 4.2 |



Cipla's 4 QFY 08 revenues are expected to grow by only $2.3 \%$ YoY to Rs 9.5 b, mainly due to a $2.7 \%$ decline in exports. Sequentially, Cipla' s topline will record $14 \%$ decline due to the higher base effect of increased technology licensing income and higher supplies of Alendronate Sodium to the US.
\& EBITDA margin is expected to improve by 619 bp to $21.8 \%$ mainly due to the significantly lower base of 4 QFY07. However, higher tax rate (at $25 \% \mathrm{v} / \mathrm{s} 10 \%$ for 4QFY07) is likely to restrict PAT to Rs 1.42 b (flat growth).
\& Cipla has one of the strongest generic pipelines with tie-ups for 108 products for the US (across 10 partners). The company is spending a significant amount (about Rs19b) to expand manufacturing facilities in the FY05-09 period. While we remain positive on Cipla' s business prospects in the long term, we expect the stock price performance to remain muted in the short term in line with the company's muted guidance for FY08E. At 22.3x FY09E and 18.5x FY10E EPS, we maintain our Neutral recommendation on the stock.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4 Q | 1 Q | 2 Q | 3 Q | 4QE |  |  |
| Net Sales | 8,636 | 8,961 | 8,805 | 9,319 | 9,018 | 10,984 | 11,045 | 9,532 | 35,618 | 40,579 |
| YoY Change (\%) | 30.3 | 33.4 | 12.8 | 7.0 | 4.4 | 22.6 | 25.4 | 2.3 | 19.0 | 13.9 |
| Total Expenditure | 6,347 | 6,685 | 6,613 | 7,860 | 7,411 | 8,744 | 8,422 | 7,450 | 27,505 | 32,028 |
| EBITDA | 2,289 | 2,276 | 2,193 | 1,459 | 1,607 | 2,240 | 2,623 | 2,082 | 8,114 | 8,552 |
| Margins (\%) | 26.5 | 25.4 | 24.9 | 15.7 | 17.8 | 20.4 | 23.7 | 21.8 | 22.8 | 21.1 |
| Depreciation | 260 | 245 | 275 | 254 | 303 | 328 | 330 | 345 | 1,034 | 1,305 |
| Interest | 28 | 16 | 13 | 13 | 8 | 24 | 38 | 42 | 70 | 113 |
| Other Income | 220 | 190 | 261 | 397 | 185 | 418 | 242 | 208 | 1,068 | 1,054 |
| Profit before Tax | 2,220 | 2,205 | 2,166 | 1,590 | 1,482 | 2,307 | 2,497 | 1,903 | 8,078 | 8,188 |
| Tax | 516 | 403 | 322 | 159 | 284 | 401 | 390 | 481 | 1,400 | 1,556 |
| Rate (\%) | 23.2 | 18.3 | 14.9 | 10.0 | 19.2 | 17.4 | 15.6 | 25.3 | 17.3 | 19.0 |
| Reported PAT | 1,704 | 1,803 | 1,844 | 1,431 | 1,198 | 1,906 | 2,107 | 1,422 | 6,679 | 6,633 |
| YoY Change (\%) | 53.0 | 47.0 | 5.2 | -25.0 | -29.7 | 5.7 | 14.2 | -0.6 | 9.9 | -0.7 |
| Margins (\%) | 19.7 | 20.1 | 20.9 | 15.4 | 13.3 | 17.4 | 19.1 | 14.9 | 18.8 | 16.3 |

E:MOSt Estimates

# Dishman Pharma 

| STOCK INFO. BLOOMBERG <br> BSE Sensex: 16,371 DISH IN <br>  REUTERS CODE <br> S\&P CNX: 4,942 DISH.BO |  |
| :--- | ---: |
| Equity Shares (m) | 81.6 |
| 52-Week Range | $427 / 198$ |
| 1,6,12 Rel. Perf. (\%) | $21 / 12 / 20$ |
| M.Cap. (Rs b) | 25.4 |
| M.Cap. (US\$ b) | 0.6 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs311 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous | s Recomme | endatio | : Buy |  |  |  |  |  |  |  |
| YEAR | net Sales | PAT | EPS | EPS | P/E | P/BV | roe | Roce | EV/ | EV/ |
| End | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 03/07A | 5,750 | 893 | 11.0 | 94.1 | 28.3 | 7.1 | 35.4 | 15.6 | 5.3 | 27.4 |
| 03/08E | 7,696 | 1,107 | 13.6 | 24.0 | 22.8 | 5.4 | 30.3 | 15.7 | 4.1 | 21.0 |
| 03/09E | 9,371 | 1,449 | 17.8 | 30.9 | 17.4 | 4.1 | 30.3 | 16.3 | 3.3 | 15.5 |
| 03/10E | 11,057 | 1,727 | 21.3 | 19.2 | 14.6 | 3.2 | 28.0 | 17.7 | 2.8 | 12.6 |

Dishman' s 4QFY08 revenues are expected to grow by only $1.3 \%$ YoY to Rs 2.1 b on a high base of 4QFY07.
es EBITDA margins are expected to improve by 910 bp to $19.7 \%$ mainly due to adjustments for 4 QFY 07 which had led to significantly lower margins compared with normalized margins.
\& Higher depreciation and interest cost coupled with higher tax outgo is likely to result in PAT decline of $12.6 \%$ to Rs291m.
2. We believe that Dishman will be one of the key beneficiaries of the increased pharmaceutical outsourcing from India. Expansion of customer base (to reduce dependence on Solvay) and ability to offer the complete range of services across the CRAMS value chain should benefit the company in the long term. The stock is currently valued at 17.4 x FY09E and 14.6x FY10E earnings. Maintain Buy.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 3 Q | 4 Q | 10 | 2 Q | 3 Q | 4QE |  |  |
| Net Sales | 822 | 1,170 | 1,736 | 2,057 | 1,680 | 1,866 | 2,066 | 2,084 | 5,786 | 7,696 |
| Yo Y Change (\%) | 34.7 | 71.0 | 180.3 | 139.1 | 104.2 | 59.5 | 19.0 | 1.3 | 108.5 | 33.0 |
| Total Expenditure | 620 | 924 | 1,248 | 1,840 | 1,406 | 1,461 | 1,667 | 1,674 | 4,632 | 6,208 |
| EBITDA | 202 | 246 | 488 | 218 | 274 | 405 | 398 | 410 | 1,154 | 1,488 |
| Margins (\%) | 24.6 | 21.0 | 28.1 | 10.6 | 16.3 | 21.7 | 19.3 | 19.7 | 19.9 | 19.3 |
| Depreciation | 34 | 41 | 156 | 31 | 89 | 111 | 104 | 108 | 263 | 412 |
| Interest | 9 | 38 | 72 | 44 | 61 | 72 | 77 | 80 | 162 | 289 |
| Other Income | 34 | 42 | 34 | 122 | 107 | 91 | 125 | 107 | 232 | 430 |
| PBT after EO Income | 193 | 209 | 294 | 265 | 230 | 314 | 342 | 330 | 961 | 1,217 |
| Tax | 8 | 39 | 43 | -77 | 4 | 32 | 22 | 39 | 13 | 97 |
| Deferred Tax | 0 | 2 | 7 | 9 | 12 | 0 | 0 | 0 | 19 | 12 |
| Rate (\%) | 4.3 | 19.6 | 17.1 | -25.4 | 7.0 | 10.3 | 6.4 | 11.9 | 3.3 | 9.0 |
| Reported PAT | 185 | 168 | 244 | 332 | 214 | 282 | 321 | 291 | 929 | 1,107 |
| Yo Y Change (\%) | 96.4 | 23.4 | 25.8 | 634.1 | 15.7 | 67.8 | 31.3 | -12.6 | 97.9 | 19.1 |
| Margins (\%) | 22.5 | 14.3 | 14.1 | 16.2 | 12.7 | 15.1 | 15.5 | 13.9 | 16.1 | 14.4 |

$\overline{\text { E: MOSt Estimates }}$

# Divi's Laboratories 

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | DIVI IN |
|  | REUTERS CODE |
| S\&P CNX: 4,942 | DIVI.BO |
| Equity Shares (m) | 64.6 |
|  | $1,930 / 584$ |
| 1,6,12 Rel. Perf. (\%) | $5 / 17 / 104$ |
| M.Cap. (Rs b) | 87.9 |
| M.Cap. (US\$ b) | 2.2 |


| 28 March 2008 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs1,361 |
| Year | net Sales | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | EV/ |
| End | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | SaLes | Ebitda |
| 03/07A | 7,244 | 1,919 | 29.7 | 172.1 | 45.8 | 16.2 | 43.5 | 40.0 | 12.3 | 36.3 |
| 03/08E | 10,472 | 3,699 | 57.3 | 92.8 | 23.8 | 10.5 | 53.6 | 49.6 | 8.5 | 20.7 |
| 03/09E | 12,717 | 4,572 | 70.8 | 23.6 | 19.2 | 7.3 | 44.8 | 44.7 | 6.8 | 16.5 |
| 03/10E | 15,613 | 5,491 | 85.1 | 20.1 | 16.0 | 5.3 | 38.6 | 41.4 | 5.4 | 12.6 |

\& Divi' s 4QFY08 revenues are expected to grow by $16 \%$ YoY to Rs 2.9 (on a high base), led by continued momentum in both the generics and custom chemical synthesis (CCS) business. EBITDA margins are expected to decline by 180bp to $43.3 \%$ mainly due to higher RM costs.
\& 4QFY07 was the first quarter when Divi' s recorded exponential growth taking the quarterly PAT run-rate to over Rs 1 b . The company is nearing optimum capacity utilization and hence growth in the coming quarters will be more moderate compared to the $100-200 \%$ growth recorded in previous quarters. We expect 4QFY08 PAT growth at 9.5\% to Rs1.1b.
\& We believe that Divi's will be one of the key beneficiaries of the increased pharmaceutical outsourcing from India. Established relationships with the top 20 innovator pharmaceutical companies should help the company in procuring more outsourcing business as well as in spreading the business risk across customers. We believe that low cost of operations is a significant driver for Divi' s profitability. The stock is currently valued at 19.2x FY09E and 16x FY10E earnings. Maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4Q | 10 | 2 Q | 30 | 4 QE |  |  |
| Net Op Revenue | 1,608 | 1,614 | 1,496 | 2,526 | 2,281 | 2,425 | 2,842 | 2,924 | 7,244 | 10,472 |
| Yo Y Change (\%) | 148.8 | 98.3 | 38.6 | 98.8 | 41.8 | 50.3 | 90.0 | 15.8 | 90.1 | 44.6 |
| Total Expenditure | 1,148 | 1,179 | 1,071 | 1,387 | 1,438 | 1,375 | 1,721 | 1,659 | 4,784 | 6,193 |
| EBITDA | 461 | 435 | 425 | 1,139 | 843 | 1,050 | 1,121 | 1,266 | 2,460 | 4,279 |
| Margins (\%) | 28.6 | 26.9 | 28.4 | 45.1 | 36.9 | 43.3 | 39.4 | 43.3 | 34.0 | 40.9 |
| Depreciation | 43 | 42 | 59 | 80 | 86 | 78 | 91 | 92 | 223 | 347 |
| Interest | 21 | 6 | 38 | 41 | 34 | 32 | 18 | 33 | 106 | 117 |
| Other Income | 44 | 34 | 25 | 34 | 34 | 15 | 45 | 25 | 136 | 120 |
| PBT | 441 | 421 | 353 | 1,052 | 757 | 956 | 1,057 | 1,165 | 2,267 | 3,936 |
| Tax | 167 | 114 | -1 | 54 | 49 | 1 | 62 | 125 | 334 | 236 |
| Deferred Tax | 6 | -6 | 27 | -14 | 36 | 42 | -11 | -67 | 14 | 0 |
| Rate (\%) | 39.4 | 25.7 | 7.3 | 3.8 | 11.1 | 4.5 | 4.8 | 5.0 | 15.3 | 6.0 |
| Adj PAT | 267 | 313 | 327 | 1,012 | 673 | 913 | 1,007 | 1,108 | 1,919 | 3,699 |
| YoY Change (\%) | 109.6 | 96.2 | 73.2 | 341.9 | 151.6 | 191.7 | 207.5 | 9.5 | 172.3 | 92.8 |
| Margins (\%) | 16.6 | 19.4 | 21.9 | 40.0 | 29.5 | 37.6 | 35.4 | 37.9 | 26.5 | 35.3 |

E: MOSt Estimates

# Dr Reddy's Laboratories 

| STOCK INFO. BLOOMBERG  <br> BSE Sensex: 16,371 DR IN  <br>  REUTERS CODE  <br> S\&P CNX: 4,942 REDY.BO  <br> Equity Shares (m) 167.9  <br> 52-Week Range (Rs) $760 / 501$  <br> 1,6,12 Rel. Perf. (\%) $12 /-4 /-42$  <br> M.Cap. (Rs b) 99.2  <br> M.Cap. (US\$ b) 2.5  |
| :--- | ---: |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs591 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | NET SALES | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | EV/ |
| End | (RS M) | (RS M) | (RS) | GRowTH (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 03/07A | 65,095 | 9,323 | 55.5 | 521.1 | 10.6 | 2.4 | 22.4 | 14.3 | 1.6 | 7.3 |
| 03/08E | 48,769 | 4,569 | 27.2 | -51.0 | 21.7 | 2.2 | 10.1 | 4.4 | 2.2 | 17.1 |
| 03/09E | 54,815 | 5,809 | 34.6 | 27.1 | 17.1 | 2.0 | 11.8 | 8.8 | 1.9 | 13.4 |
| 03/10E | 61,352 | 7,095 | 42.3 | 22.1 | 14.0 | 1.8 | 13.0 | 10.0 | 1.6 | 11.1 |

\& Dr Reddy's 4QFY08 sales are expected to decline by $24.5 \%$ YoY to Rs 11.7 b , mainly due to absence of one-time Ondansetron exclusivity revenues (which contributed about Rs2.7b to 4QFY07 sales). Excluding this one-time impact revenues are expected to record $8.6 \%$ de-growth, mainly due to pressure on German operations, seasonal slowdown in Russian and Indian formulation businesses and currency appreciation.

* Overall gross margins are expected at $48.8 \%$ for the quarter, tempered down by the pressure on German operations. EBITDA margins are also likely to be under pressure at $10 \%$. A tax writeback is likely to partly compensate for this decline resulting in $44 \%$ decline in core PAT (excluding impact of Ondansetron for 4QFY07).
\& DRL is currently valued at 17.1 x FY09E and 14 x FY10E earnings (excl FTF upsides). We believe that stock price performance may remain muted until the company is able to demonstrate a significant improvement in its German operations. We maintain Buy.

| global quarterly performance (US Gaip) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 10 | 20 | 30 | 4QE |  |  |
| Gross Sales | 14,049 | 20,039 | 15,434 | 15,573 | 12,018 | 12,669 | 12,321 | 11,761 | 65,095 | 48,769 |
| Yo Y Change (\%) | 151.3 | 247.1 | 161.7 | 124.7 | -14.5 | -36.8 | -20.2 | -24.5 | 168.2 | -25.1 |
| EBITDA | 2,210 | 4,220 | 2,464 | 5,470 | 2,132 | 1,461 | 1,383 | 1,169 | 14,361 | 6,145 |
| Margins (\%) | 15.7 | 21.1 | 16.0 | 35.1 | 17.7 | 11.5 | 11.2 | 9.9 | 22.1 | 12.6 |
| Depreciation \& Amortization | 388 | 402 | 330 | 2,221 | 351 | 410 | 2,740 | 360 | 3,341 | 3,861 |
| Interest | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Income | -216 | -287 | -281 | 264 | 231 | 372 | 129 | 96 | -520 | 828 |
| Profit before Tax | 1,606 | 3,531 | 1,853 | 3,513 | 2,012 | 1,423 | -1,228 | 905 | 10,500 | 3,112 |
| Tax | 208 | 737 | -27 | 260 | 181 | -1,248 | -380 | -10 | 1,177 | -1,457 |
| Rate (\%) | 13.0 | 20.9 | -1.5 | 7.4 | 9.0 | -87.7 | 30.9 | -1.1 | 11.2 | -46.8 |
| Reported PAT | 1,398 | 2,794 | 1,880 | 3,253 | 1,831 | 2,671 | -848 | 915 | 9,323 | 4,569 |
| Minority Interest | 0 | -4 | 0 | -1 | 3 | 1 | 3 | 0 | -4 | 7 |
| EO (Exp)/Inc | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 |
| Adjusted PAT | 1,356 | 2,798 | 1,880 | 3,254 | 1,828 | 2,670 | -851 | 915 | 9,285 | 4,562 |
| YoY Change (\%) | 255.0 | 215.4 | 407.6 | - | 34.8 | -4.6 | -145.3 | -71.9 | 576.6 | -50.9 |
| Margins (\%) | 9.7 | 14.0 | 12.2 | 20.9 | 15.2 | 21.1 | -6.9 | 7.8 | 14.3 | 9.4 |

$\overline{\text { E: MOSt Estimates }}$

# GlaxoSmithKline Pharmaceuticals 

| stock info. <br> BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | GLXO IN |
|  | REuters code |
| S\&P CNX: 4,942 G | GLAX.BO |
| Equity Shares (m) | 84.7 |
| 52-Week Range (Rs) | Rs) 1,340/800 |
| 1,6,12 Rel. Perf. (\%) | \%) 7/-1/-32 |
| M.Cap. (Rs b) | 88.5 |
| M.Cap. (US\$ b) | 2.2 |


\& GSK Pharma's 1QCY08 net sales are expected to grow by only $4 \%$ to Rs4.4b, due to the recent divestment of fine chemicals business. On a like-to-like basis, we believe that topline growth will be about $7-8 \%$ with Priority Products portfolio growing in line with average industry growth of 13-14\%.

25 PAT is expected to record $10 \%$ growth to Rs 1.2 b partly boosted by a $43 \%$ jump in other income.
\& GSK is focused on strengthening its presence in the lifestyle disease segment of CVS, CNS, diabetes etc., by inlicensing products and evaluating brand acquisitions in the domestic market.
\& GSK Pharma is one of the best plays on the IPR regime with planned launches of 9 patented/exclusive products in CY08-09 period. Our estimates for CY08E take into account the additional marketing and promotional expenditure linked to launch of patented products and the divestment of fine chemicals division. Valuations at 20.2x CY08E and 17.7 x CY09E earnings do not fully reflect the strong parentage, cash-rich operations and the 'option value' created from product patent regime in the long term. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E december | CY07 |  |  |  | CY08E |  |  |  | CY07 | CY08E |
|  | 10 | 20 | 30 | 4 Q | 10 | 2 O | 30 | 4 Q |  |  |
| Net Sales | 4,203 | 3,915 | 4,193 | 3,392 | 4,411 | 4,122 | 4,287 | 3,669 | 15,703 | 16,488 |
| YoY Change (\%) | -1.2 | -3.1 | 5.6 | 8.8 | 4.9 | 5.3 | 2.2 | 8.1 | 2.1 | 5.0 |
| Total Expenditure | 2,753 | 2,692 | 2,826 | 2,460 | 2,910 | 2,867 | 2,932 | 2,546 | 10,731 | 11,254 |
| EBITDA | 1,450 | 1,223 | 1,366 | 932 | 1,501 | 1,255 | 1,355 | 1,123 | 4,972 | 5,234 |
| Margins (\%) | 34.5 | 31.2 | 32.6 | 27.5 | 34.0 | 30.5 | 31.6 | 30.6 | 31.7 | 31.7 |
| Depreciation | 37 | 37 | 38 | 50 | 35 | 36 | 36 | 48 | 162 | 156 |
| Other Income | 272 | 312 | 339 | 379 | 388 | 388 | 388 | 388 | 1,301 | 1,551 |
| PBT before EO Expense | 1,686 | 1,498 | 1,667 | 1,261 | 1,853 | 1,607 | 1,707 | 1,462 | 6,112 | 6,629 |
| Tax | 563 | 502 | 555 | 374 | 630 | 546 | 580 | 497 | 1,993 | 2,254 |
| Deferred Tax | 10 | 32 | 22 | 59 | 0 | 0 | 0 | 0 | 122 | 0 |
| Rate (\%) | 34.0 | 35.6 | 34.6 | 34.3 | 34.0 | 34.0 | 34.0 | 34.0 | 34.6 | 34.0 |
| Adjusted PAT | 1,113 | 964 | 1,091 | 829 | 1,223 | 1,061 | 1,126 | 965 | 3,997 | 4,375 |
| YoY Change (\%) | 7.6 | 5.9 | 10.1 | 21.6 | 9.9 | 10.0 | 3.2 | 16.5 | 10.5 | 9.5 |
| Margins (\%) | 26.5 | 24.6 | 26.0 | 24.4 | 27.7 | 25.7 | 26.3 | 26.3 | 25.5 | 26.5 |
| Extra-Ord Expense | 0 | 0 | -1,399 | 20 | 0 | 0 | 0 | 0 | -1,379 | 0 |
| Reported PAT | 1,113 | 964 | 2,490 | 809 | 1,223 | 1,061 | 1,126 | 965 | 5,377 | 4,375 |

E: MOSt Estimates

# Jubilant Organosys 

| STOCK INFO. <br> BSE Sensex: 16,371 | BLOOMBERG |
| :---: | :---: |
|  | JOL IN |
|  | reuters code |
| S\&P CNX: 4,942 JU | JUBO.BO |
| Equity Shares (m) | 144.0 |
| 52-Week Range | 378/244 |
| 1,6,12 Rel. Perf. (\%) | \%) 1/12/4 |
| M.Cap. (Rs b) | 47.8 |
| M.Cap. (US\$ b) | 1.2 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs332 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net Sales | PAT | EPS | EPS | P/E | P/BV | roe | Roce | EV/ | EV/ |
| End | (RS M) | (RS M) | (RS) | GRowt (\%) | (X) | (X) | (\%) | (\%) | SALES | EBItDA |
| 03/07A | 18,097 | 2,280 | 12.4 | 44.0 | 26.9 | 5.3 | 26.4 | 15.4 | 3.1 | 17.4 |
| 03/08E | 24,634 | 4,240 | 23.0 | 85.9 | 14.4 | 3.3 | 36.1 | 17.8 | 2.2 | 11.6 |
| 03/09E | 30,435 | 4,074 | 22.1 | -3.9 | 15.0 | 2.7 | 25.1 | 15.0 | 1.7 | 9.1 |
| 03/10E | 35,598 | 4,799 | 26.0 | 17.8 | 12.8 | 2.2 | 24.0 | 15.7 | 1.4 | 7.3 |

es Jubilant' s 4QFY08 sales are expected to grow by $43 \%$ to Rs6.6b, driven by robust growth in the CRAMS business and consolidation of the Hollister acquisition, resulting in Pharma and Life Sciences business (PLSP) growing by $72 \%$ to Rs4b.
2. EBIDT A margins are expected to improve by 160 bp to $18.8 \%$, reflecting higher contribution from the PLSP business.
\& Despite better topline growth, higher depreciation and interest cost coupled with lower other income, is likely to temper down PAT growth to $25 \%$ at Rs 796 m .
2. We expect $28 \%$ CAGR in fully diluted earnings over FY07-10E. Valuations of $15 \times$ FY09E and 12.8 x FY10E earnings do not reflect the higher growth potential of the CRAMS business and upside from acquisitions. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 3 Q | 4Q | 10 | 2 Q | 30 | 4QE |  |  |
| Net Sales | 4,112 | 4,659 | 4,693 | 4,633 | 5,400 | 6,183 | 6,416 | 6,635 | 18,097 | 24,634 |
| Yo Y Change (\%) | 25.9 | 40.5 | 10.8 | 9.6 | 31.3 | 32.7 | 36.7 | 43.2 | 20.7 | 36.1 |
| Total Expenditure | 3,367 | 3,858 | 3,795 | 3,836 | 4,448 | 5,050 | 5,121 | 5,385 | 14,902 | 20,004 |
| EBITDA | 745 | 801 | 898 | 797 | 952 | 1,133 | 1,295 | 1,251 | 3,195 | 4,631 |
| Margins (\%) | 18.1 | 17.2 | 19.1 | 17.2 | 17.6 | 18.3 | 20.2 | 18.8 | 17.7 | 18.8 |
| Depreciation | 146 | 153 | 158 | 166 | 194 | 237 | 247 | 262 | 623 | 940 |
| Interest | 55 | 37 | 49 | 54 | 84 | 109 | 123 | 137 | 195 | 453 |
| Other Income | 44 | 145 | 168 | 173 | 996 | 385 | 231 | 108 | 576 | 1,720 |
| PBT after EO Expense | 588 | 756 | 859 | 750 | 1,670 | 1,172 | 1,131 | 960 | 2,953 | 4,933 |
| Tax | 139 | 215 | 236 | 122 | 273 | 76 | 244 | 151 | 712 | 744 |
| Rate (\%) | 23.6 | 28.4 | 27.5 | 16.3 | 16.3 | 6.5 | 21.6 | 15.7 | 24.1 | 15.1 |
| PAT | 449 | 541 | 623 | 628 | 1,397 | 1,096 | 887 | 809 | 2,241 | 4,189 |
| Minority Interest | -12 | -3 | -14 | -10 | -32 | -4 | -7 | 13 | -39 | -30 |
| Adjusted PAT | 461 | 544 | 637 | 638 | 1,429 | 1,100 | 914 | 796 | 2,280 | 4,240 |
| Yo Y Change (\%) | 116.4 | 118.5 | 74.0 | 32.4 | 210.0 | 102.2 | 43.4 | 24.8 | 75.8 | 86.0 |
| Margins (\%) | 11.2 | 11.7 | 13.6 | 13.8 | 26.5 | 17.8 | 14.2 | 12.0 | 12.6 | 17.2 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG |  |
| :--- | ---: | :---: |
| BSE Sensex: 16,371 | LPC IN |  |
|  | REUTERS CODE |  |
| S\&P CNX: 4,942 | LUPN.BO |  |
| Equity Shares (m) | 80.3 |  |
| 52-Week Range | $755 / 430$ |  |
| 1,6,12 Rel. Perf. (\%) | $-3 /-12 /-44$ |  |
| M.Cap. (Rs b) | 38.8 |  |
| M.Cap. (US\$ b) | 1.0 |  |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs483 |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | ROE | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07A | 20,057 | 2,327 | 26.4 | 23.0 | 18.3 | 4.4 | 31.1 | 20.1 | 2.2 | 14.9 |
| 03/08E | 27,069 | 3,244 | 36.8 | 39.4 | 13.1 | 3.2 | 31.1 | 28.9 | 1.7 | 10.2 |
| 03/09E | 31,788 | 3,919 | 44.4 | 20.8 | 10.9 | 2.6 | 28.8 | 22.7 | 1.4 | 8.6 |
| 03/10E | 36,356 | 4,989 | 56.6 | 27.3 | 8.5 | 2.1 | 29.5 | 24.7 | 1.2 | 6.7 |

\& Lupin's 4 QFY08 revenues are expectedto grow by $41.2 \%$ YoY to Rs7.5b, driven by continued momentum in domestic formulations business, as well as formulation exports (both regulated and unregulated markets). The company has piled up significant inventory (in the past quarters) for its US operations to cater to the higher winter demand (for Cephalosporins) thus leading to higher growth for its regulated market portfolio. Topline growth is also likely to be boosted by consolidation of the Kyowa acquisition, which is likely to contribute about Rs600m in revenues.
2. EBITDA margins are expected to improve by 200bp YoY to $16.6 \%$ despite currency appreciation, mainly due to the high-margin revenues from Suprax and Cefdinir in the US. The bottomline is expected to record $31 \%$ growth YoY.
8. We expect $22 \%$ sales and $30 \%$ EPS CAGR in the FY07-10 period for Lupin. We expect $20+\%$ RoCE for the next few years led by traction in regulated markets, steady contribution from domestic portfolio, lower capex requirement and incremental savings from tax-exempt zones. Lupin is currently valued at 10.9x FY09E and 8.5x FY10E consolidated earnings. We maintain Buy rating.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3 Q | 4Q | 1Q | 2Q | 3 Q | 4QE |  |  |
| Net Sales | 5,044 | 4,886 | 5,054 | 5,318 | 5,757 | 6,590 | 7,213 | 7,509 | 20,137 | 27,069 |
| YoY Change (\%) | - | - | - | - | 14.1 | 34.9 | 42.7 | 41.2 | 18.8 | 34.4 |
| Total Expenditure | 4,395 | 4,123 | 4,154 | 4,542 | 4,936 | 5,464 | 5,998 | 6,259 | 17,215 | 22,657 |
| EBITDA | 649 | 763 | 901 | 776 | 821 | 1,126 | 1,215 | 1,250 | 2,922 | 4,411 |
| Margins (\%) | 12.9 | 15.6 | 17.8 | 14.6 | 14.3 | 17.1 | 16.8 | 16.6 | 14.5 | 16.3 |
| Depreciation | 107 | 112 | 121 | 126 | 127 | 140 | 175 | 184 | 466 | 625 |
| Interest | 92 | 93 | 89 | 98 | 89 | 80 | 101 | 115 | 372 | 385 |
| Other Income | 217 | 171 | 99 | 1,338 | 159 | 188 | 1,389 | 165 | 1,991 | 1,901 |
| PBT | 667 | 728 | 789 | 1,890 | 764 | 1,094 | 2,329 | 1,116 | 4,075 | 5,302 |
| Tax | 131 | 210 | 169 | 479 | 206 | 338 | 520 | 262 | 988 | 1,326 |
| Rate (\%) | 19.6 | 28.8 | 21.4 | 25.3 | 26.9 | 30.9 | 22.3 | 23.5 | 24.3 | 25.0 |
| Reported PAT | 536 | 518 | 620 | 1,411 | 558 | 756 | 1,809 | 854 | 3,086 | 3,977 |
| Extra-Ordinary Exp/(Inc) | 0 | 0 | 0 | -759 | 0 | 0 | -733 | 0 | -759 | -733 |
| Recurring PAT | 536 | 518 | 620 | 652 | 559 | 756 | 1,076 | 854 | 2,327 | 3,244 |
| YoY Change (\%) | - | - | - | - | 4.4 | 45.9 | 73.5 | 30.8 | 34.5 | 39.4 |
| Margins (\%) | 10.6 | 10.6 | 12.3 | 12.3 | 9.7 | 11.5 | 14.9 | 11.4 | 11.6 | 12.0 |

$\overline{\text { E: MOSt Estimates }}$

\left.| STOCK INFO. | BLOOMBERG |  |
| :--- | ---: | :---: |
| BSE Sensex: 16,371 | NP IN |  |
|  | REUTERS CODE |  |$\right]$| S\&P CNX: 4,942 | NICH.BO |
| :--- | ---: |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | ROE | ROCE | EV/ |
| END | (RS M) | (RS M) | (RS) GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07A | 24,202 | 2,319 | 11.0 | 85.4 | 27.4 | 6.0 | 23.1 | 19.8 | 2.8 |
| 03/08E | 28,570 | 3,068 | 14.7 | 33.8 | 20.5 | 4.7 | 25.7 | 20.3 | 2.4 |
| 03/09E | 31,704 | 4,134 | 19.8 | 34.8 | 15.2 | 3.9 | 27.9 | 23.3 | 2.1 |
| 03/10E | 34,259 | 4,841 | 23.2 | 17.1 | 13.0 | 3.2 | 26.9 | 24.0 | 1.9 |

25 NPIL is expected to report revenue growth of $17.8 \%$ to Rs 7.6 b in 4 QFY 08 , driven mainly by higher growth in CRAMS supplies from India.
\& EBITDA margins are expected to expand by 550 bp YoY to $18.7 \%$ driven by higher traction in India-based CRAMS revenues as well as savings in $\mathrm{R} \& \mathrm{D}$ cost (as NCE research operations have been de-merged). This will be the first quarter post the NCE de-merger and is likely to witness part-benefits of the cost savings linked to demerger. Full impact of this saving will be reflected from 1QFY09 onwards.
\& Higher depreciation and interest costs are likely to partly temper the impact of EBITDA margin expansion, resulting in PAT grouth of $59 \%$ at Rs 980 m . Our estimates do not take into account the expected large one-time restructuring charges, which the company is likely to record in the current quarter.

25 Increasing visibility in CRAMS, turnaround at Avecia, margin expansion from restructuring of UK operations and higher growth in the domestic portfolio, would serve as catalysts for the stock. Valuations at 15.2 x FY09E and 13x FY10E do not fully reflect these triggers. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Net Sales | 5,226 | 6,547 | 6,495 | 6,452 | 6,081 | 7,566 | 7,323 | 7,600 | 24,719 | 28,570 |
| YoY Change (\%) | 31.2 | 79.3 | 61.3 | 52.9 | 16.4 | 15.6 | 12.8 | 17.8 | 55.0 | 15.6 |
| Total Expenditure | 4,348 | 5,409 | 5,525 | 5,603 | 5,240 | 6,317 | 6,112 | 6,181 | 20,885 | 23,849 |
| EBITDA | 877 | 1,138 | 971 | 849 | 841 | 1,249 | 1,212 | 1,419 | 3,835 | 4,720 |
| Margins (\%) | 16.8 | 17.4 | 14.9 | 13.2 | 13.8 | 16.5 | 16.5 | 18.7 | 15.5 | 16.5 |
| Depreciation | 228 | 244 | 222 | 158 | 249 | 263 | 269 | 333 | 818 | 1,114 |
| Interest | 46 | 76 | 88 | 96 | 111 | 111 | 122 | 115 | 305 | 459 |
| Other Income | 0 | 2 | 2 | 54 | 20 | 80 | 40 | 84 | 58 | 224 |
| PBT before EO Expense | 604 | 820 | 663 | 649 | 500 | 955 | 861 | 1,055 | 2,770 | 3,371 |
| Extra-Ord Expense | 0 | -76 | -2 | 12 | 3 | 27 | 56 | 0 | 43 | 86 |
| PBT after EO Expense | 604 | 896 | 665 | 638 | 497 | 928 | 805 | 1,055 | 2,727 | 3,285 |
| Tax | 13 | 172 | 59 | -2 | 18 | 127 | 79 | 77 | 231 | 302 |
| Deferred Tax | 51 | 9 | 51 | 36 | 45 | -47 | 0 | -4 | 158 | -6 |
| Rate (\%) | 10.7 | 20.2 | 16.5 | 5.3 | 12.7 | 8.6 | 9.8 | 7.0 | 14.3 | 9.0 |
| PAT | 539 | 715 | 556 | 604 | 434 | 848 | 726 | 981 | 2,338 | 2,989 |
| Less: Minority Interest | 1 | 0 | 0 | 0 | 0 | 0 | -1 | 1 | 1 | 0 |
| Reported PAT | 539 | 715 | 556 | 604 | 434 | 848 | 728 | 980 | 2,337 | 2,989 |
| Adj PAT | 539 | 654 | 554 | 615 | 437 | 872 | 778 | 980 | 2,374 | 3,068 |
| YoY Change (\%) | 11.9 | 22.8 | 129.9 | 318.8 | -18.8 | 33.3 | 40.5 | 59.4 | 87.0 | 29.2 |

E: MOSt Estimates; Quarterly numbers don' $t$ add up to full year numbers due to restatement
Nimish Desai (Nimishdesai@MotilalOswal.com); Tel: +91 22 39825406/Jinesh KGandhi (Jinesh@MotilalOswal.com); Tel +91 2239825416

| STOCK INFO. <br> BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | PFIZ IN |
|  | Reuters code |
| S\&P CNX: 4,942 P | PFIZ.BO |
| Equity Shares (m) | 29.8 |
| 52-Week Range | 893/580 |
| 1,6,12 Rel. Perf. (\%) | \%) 8/-2/-44 |
| M.Cap. (Rs b) | 19.72 |
| M.Cap. (US\$ b) | 0.5 |


| 28 March 2008 Neutral |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs661 |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | Roe | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 11/06A | 6,859 | 1,210 | 40.5 | 46.3 | 16.3 | 4.5 | 27.5 | 43.6 | 2.4 | 10.1 |
| 11/07A | 6,939 | 1,267 | 42.5 | 4.8 | 15.6 | 2.9 | 18.6 | 29.0 | 2.0 | 8.8 |
| 11/08E | 6,907 | 1,447 | 48.5 | 14.2 | 13.6 | 2.1 | 15.5 | 23.9 | 1.6 | 6.5 |
| 11/09E | 7,598 | 1,583 | 53.0 | 9.3 | 12.5 | 1.9 | 15.4 | 23.5 | 1.4 | 5.4 |

\& Pfizer's revenues for 2QFY08 (year end November 2008) are expected to de-grow by $1.4 \%$ to Rs 1.7 b , reflecting part divestment of the consumer healthcare brands and sale/discontinuation of certain products like Protinex, Abdec and Pyridium.
\& Pfizer recently announced the long-pending divestment of its consumer business to J\&J. The company has sold the exclusive licenses relating to some of its consumer brands (Benadryl, Caladryl, Benylin and Listerine) and certain related assets for a total consideration of Rs2.14b. It has retained one of the key brands - Gelusil with revenues of about Rs 500 m - within the company. The consumer business generates annualized sales of about Rs1.1b with the divested brands contributing about Rs $0.5-0.6 \mathrm{~b}$.
\& While valuations at $13.6 x$ FY08E and $12.5 x$ FY09E (after adjusting for a divestment of the Consumer Healthcare division in FY08E) do not adequately reflect Pfizer's business fundamentals, uncertainty still exists on the existence of the parent's $100 \%$ subsidiary and potential launch of patented products through this company. We maintain Ne utral rating.

| Quarterly performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/e november | FY07 |  |  |  | FY08E |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 10 | 20 | 30 | 4 Q |  |  |
| Net Revenues | 1,603 | 1,703 | 1,800 | 1,834 | 1,544 | 1,678 | 1,828 | 1,856 | 6,939 | 6,907 |
| Yo Y Change (\%) | 4.4 | -1.5 | -3.0 | 3.9 | -3.6 | -1.4 | 1.6 | 1.2 | 1.2 | -0.5 |
| Total Expenditure | 1,176 | 1,295 | 1,327 | 1,586 | 1,166 | 1,248 | 1,290 | 1,486 | 5,383 | 5,189 |
| EBITDA | 427 | 408 | 474 | 248 | 379 | 430 | 538 | 371 | 1,556 | 1,718 |
| Margins (\%) | 26.6 | 24.0 | 26.3 | 13.5 | 24.5 | 25.6 | 29.4 | 20.0 | 22.4 | 24.9 |
| Depreciation | 27 | 30 | 23 | 15 | 22 | 33 | 35 | 48 | 96 | 139 |
| Interest | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Income | 67 | 118 | 130 | 163 | 140 | 160 | 150 | 184 | 478 | 634 |
| PBT before EO Items | 467 | 496 | 580 | 395 | 497 | 557 | 653 | 507 | 1,938 | 2,213 |
| EO Expense/(Income) | 26 | -2,711 | 96 | 26 | -2,099 | 20 | 20 | -12 | -2,563 | -2,071 |
| PBT after EO items | 441 | 3,207 | 484 | 369 | 2,596 | 537 | 633 | 518 | 4,501 | 4,284 |
| Tax | 158 | 629 | 176 | 149 | 667 | 186 | 220 | 33 | 1,112 | 1,107 |
| Deferred Tax | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 89 | 0 | 89 |
| Rate (\%) | 35.9 | 19.6 | 36.3 | 40.2 | 25.7 | 34.7 | 34.7 | 23.5 | 24.7 | 27.9 |
| Reported PAT | 283 | 2,578 | 308 | 221 | 1,929 | 350 | 413 | 396 | 3,389 | 3,089 |
| Yo Y Change (\%) | 14.1 | 618.2 | 9.8 | 29.7 | 582.3 | -86.4 | 34.0 | 79.5 | 220.6 | -8.9 |
| PAT adj. for Excep Items | 305 | 324 | 379 | 259 | 325 | 364 | 427 | 331 | 1,267 | 1,447 |
| YoY Change (\%) | 5.2 | 11.6 | 17.2 | 13.2 | 6.4 | 12.2 | 12.7 | 28.1 | 4.8 | 14.2 |
| Margins (\%) | 19.0 | 19.1 | 21.1 | 14.1 | 21.0 | 21.7 | 23.4 | 17.9 | 18.3 | 21.0 |

E: MOSt Estimates; FY08 estimates adjusted for consumer healthcare divestment. Historic numbers include consumer healthcare
Nimish Desai (Nimishdesai@MotilalOswal.com); Tel: +9122 39825406/Jinesh K Gandhi (Jinesh@MotilalOswal.com); Tel +91 2239825416

# Ranbaxy Laboratories 

| STOCK INFO. <br> BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | RBXY IN |
|  | reuters code |
| S\&P CNX: 4,942 R | RANB.BO |
| Equity Shares (m) | 372.7 |
| 52-Week Range (Rs) | Rs) 490/300 |
| 1,6,12 Rel. Perf. (\%) | \%) 7/6/3 |
| M.Cap. (Rs b) | 163.6 |
| M.Cap. (US\$ b) | 4.1 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs439 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net Sales | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | Ev/ |
| End* | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | Sales | ebitda |
| 12/06A | 61,377 | 5,103 | 12.8 | 135.8 | 34.4 | 6.4 | 19.8 | 11.4 | 3.3 | 22.7 |
| 12/07A | 69,427 | 7,689 | 19.2 | 50.7 | 22.8 | 5.5 | 25.9 | 11.2 | 2.8 | 19.5 |
| 12/08E* | 75,557 | 7,807 | 19.5 | 1.5 | 22.5 | 4.9 | 23.2 | 12.3 | 2.5 | 15.7 |
| 12/09E* | 87,794 | 8,893 | 22.2 | 13.9 | 19.7 | 4.3 | 23.3 | 14.7 | 2.1 | 12.6 |

\& Ranbaxy is expected to report $10.5 \%$ YoY growth in revenues to Rs 17.4 b in 1QCY08 mainly impacted by currency appreciation. In fact, in US\$-terms, revenues are expected to grow by $21 \%$ driven primarily by higher growth in semi-regulated markets and a recovery in the US portfolio (led by new launches).
\& EBIDTA margins are expected to improve by 170 bp to $13.8 \%$ due to higher traction in semi-regulated markets, which enjoy higher margins and forward cover gains.
*. Higher interest cost (up 33\%) coupled with lower other income (mainly due to translation losses on FCCB) is likely to result in PAT de-growth of $18.7 \%$ to Rslb for the quarter.
2. We believe that the worst is over for Ranbaxy and expect a gradual improvement in performance. Ranbaxy's current stock price is not factoring-in the potential leverage arising out of a strong product pipeline, the profitable growth from semi-regulated markets, value unlocking from its Para-IV pipeline and the incremental upsides from a potential demerger of NCE/NDDS research (incremental EPS of Rs1.5/share). Ranbaxy is currently valued at 22.5 x CY08E and 19.7x CY09E earnings (excluding patent challenge upsides). An appreciating currency and possibility of expensive acquisitions remain key risks. Our estimates do not include upsides from FTF opportunities. Reiterate Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E DECEMBER | CY07 |  |  |  | CY 08E |  |  |  | CY07 | CY08E |
|  | 1Q | 2Q | 3 Q | 4Q | 1Q | 2Q | 3 Q | 4Q |  |  |
| Net Income | 15,821 | 16,853 | 17,746 | 19,007 | 17,488 | 17,924 | 19,323 | 20,822 | 69,427 | 75,557 |
| YoY Change (\%) | 22.4 | 15.7 | 10.3 | 7.0 | 10.5 | 6.4 | 8.9 | 9.6 | 13.2 | 8.8 |
| EBITDA | 1,908 | 2,265 | 2,847 | 2,961 | 2,413 | 2,599 | 3,285 | 3,661 | 9,981 | 11,958 |
| Margins (\%) | 12.1 | 13.4 | 16.0 | 15.6 | 13.8 | 14.5 | 17.0 | 17.6 | 14.4 | 15.8 |
| Depreciation | 557 | 565 | 613 | 493 | 630 | 658 | 712 | 740 | 2,228 | 2,740 |
| Interest | 313 | 351 | 394 | 385 | 418 | 418 | 387 | 325 | 1,443 | 1,547 |
| Other Income | 604 | 2,051 | 543 | 196 | -22 | 1,902 | 80 | 178 | 3,394 | 2,138 |
| PBT before EO Expense | 1,642 | 3,400 | 2,383 | 2,279 | 1,344 | 3,426 | 2,265 | 2,774 | 9,704 | 9,809 |
| Extra-Ord Expense | 0 | 0 | -223 | -44 | 0 | 0 | 0 | 0 | -267 | 0 |
| PBT after EO Expense | 1,642 | 3,400 | 2,606 | 2,323 | 1,344 | 3,426 | 2,265 | 2,774 | 9,971 | 9,809 |
| Tax | 355 | 738 | 516 | 461 | 296 | 754 | 453 | 459 | 2,070 | 1,962 |
| Rate (\%) | 21.6 | 21.7 | 19.8 | 19.8 | 22.0 | 22.0 | 20.0 | 16.6 | 20.8 | 20.0 |
| Reported PAT | 1,287 | 2,662 | 2,090 | 1,862 | 1,048 | 2,672 | 1,812 | 2,315 | 7,901 | 7,847 |
| Minority Interest | 11 | 27 | 0 | 0 | 10 | 11 | 10 | 9 | 38 | 40 |
| Adj PAT after Minority Int. | 1,276 | 2,635 | 1,911 | 1,818 | 1,038 | 2,662 | 1,802 | 2,306 | 7,651 | 7,807 |
| YoY Change (\%) | 78.7 | 117.6 | 21.7 | -0.8 | -18.7 | 1.0 | -5.7 | 26.8 | 49.9 | 2.0 |
| Margins (\%) | 8.1 | 15.6 | 10.8 | 9.6 | 5.9 | 14.8 | 9.3 | 11.1 | 11.0 | 10.3 |

$\overline{\text { E: MOSt Estimates }}$

[^18]
# Shasun Chemicals 

| STOCK INFO. B | BLOOMBERG |
| :---: | :---: |
| BSE Sensex: 16,371 S | SSCD IN |
|  | REUTERS CODE |
| S\&P CNX: 4,942 S | SHAS.BO |
| Equity Shares (m) | 48.2 |
| 52-Week Range | 157/37 |
| 1,6,12 Rel. Perf. (\%) | \%) -21/-46/-82 |
| M.Cap. (Rs b) | 2.1 |
| M.Cap. (US\$ b) | 0.1 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs44 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | NET SALES | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | EV/ |
| EnD* | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 03/07A | 7,719 | 14 | 0.3 | N.A. | - | 1.0 | 0.7 | 3.1 | 0.5 | 14.0 |
| 03/08E | 8,726 | 128 | 2.7 | 837.0 | 16.7 | 0.9 | 5.6 | 7.3 | 0.5 | 12.1 |
| 03/09E | 10,000 | 299 | 6.2 | 134.0 | 7.1 | 0.8 | 12.3 | 11.1 | 0.5 | 5.2 |
| 03/10E | 11,353 | 339 | 7.0 | 13.4 | 6.3 | 0.8 | 12.9 | 11.1 | 0.5 | 4.9 |

25 Shasun is expected to report $8.3 \%$ YoY growth in revenues to Rs 2.5 bin 4QFY08, impacted mainly by the higher base of 4QFY07 and currency appreciation.
\& EBITDA margins are expected to improve by 570 bp to $10.6 \%$ on a significantly low base of last year. Margin expansion will be partly tempered by currency appreciation. However, higher depreciation and interest costs coupled with lower other income is likely to temper the positive impact of a better margin profile resulting in PAT growth of $16.1 \%$ to Rs141m.
2. Shasun's operations are likely to undergo a gradual transformation, led by higher revenues from CRAMS and commercialization of the company's generics pipeline. Although, the decline in Nizatidine supplies and the recent currency appreciation is likely to negatively impact Shasun's standalone earnings for FY08/09E, we believe that its CRAMS initiatives (both in UK and India) can bring in long-term benefits.
\& At 7.1x FY09E and 6.3x FY10E consolidated EPS, we believe valuations are attractive and already discount the degrowth in India operations. Any further appreciation of INR and GBP versus the US\$ remains a key risk. Maintain Buy.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Net Sales | 1,485 | 2,033 | 1,882 | 2,328 | 1,952 | 1,829 | 2,423 | 2,521 | 7,729 | 8,726 |
| YoY Change (\%) | 98.0 | 140.9 | 89.6 | 134.8 | 31.4 | -10.0 | 28.8 | 8.3 | 116.0 | 12.9 |
| Total Expenditure | 1,553 | 1,926 | 1,747 | 2,214 | 1,861 | 1,993 | 2,270 | 2,254 | 7,440 | 8,378 |
| EBITDA | -68 | 108 | 135 | 114 | 91 | -164 | 153 | 268 | 289 | 347 |
| Margins (\%) | -4.6 | 5.3 | 7.2 | 4.9 | 4.7 | -9.0 | 6.3 | 10.6 | 3.7 | 4.0 |
| Depreciation | 69 | 67 | 70 | 53 | 79 | 79 | 84 | 94 | 259 | 336 |
| Interest | 14 | 27 | 25 | 25 | 31 | 36 | 48 | 52 | 91 | 167 |
| Other Income | 4 | 5 | -8 | 76 | 76 | 115 | 90 | 15 | 76 | 296 |
| PBT before EO expense | -146 | 18 | 32 | 111 | 57 | -164 | 111 | 137 | 15 | 141 |
| EO Exp | -230 | -180 | -97 | -50 | 0 | -55 | -13 | -2 | -557 | -70 |
| PBT | 84 | 199 | 128 | 161 | 57 | -109 | 124 | 139 | 572 | 211 |
| Tax | 9 | 39 | 12 | -15 | 9 | 11 | 9 | -13 | 23 | 16 |
| Deferred Tax | 0 | 0 | 0 | 0 | -1 | -1 | -4 | 9 | 23 | 4 |
| Rate (\%) | 11.2 | 19.6 | 9.2 | -9.3 | 14.7 |  | 4.3 | -2.8 | 7.9 | 9.4 |
| Adj. PAT | -130 | 15 | 29 | 121 | 49 | -164 | 107 | 141 | 14 | 128 |
| YoY Change (\%) | -397.9 | -77.0 | -79.2 | -14.6 | -137.7 | -1,224.0 | 271.7 | 16.1 | -95.8 | 836.9 |
| Margins (\%) | -8.7 | 0.7 | 1.5 | 5.2 | 2.5 | -9.0 | 4.4 | 5.6 | 0.2 | 1.5 |

E:MOSt Estimates

# Sun Pharmaceuticals Industries 

| BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | SUNP IN |
|  | reuters code |
| S\&P CNX: 4,942 | SUN.BO |
| Equity Shares (m) | 193.4 |
| 52-Week Range | 1,352/886 |
| 1,6,12 Rel. Perf. (\%) | \%) 8/35/-2 |
| M.Cap. (Rs b) | 242.0 |
| M.Cap. (US\$ b) | 6.1 |

28 March 2008

> Buy

Previous Recommendation: Buy

| YEAR <br> END | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \\ \hline \end{gathered}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | EPS GROWTH (\%) | $\begin{aligned} & \mathrm{P} / \mathrm{E} \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | $\begin{aligned} & \text { ROE } \\ & (\%) \end{aligned}$ | ROCE <br> (\%) | EV/ SALES | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 03/07A | 20,792 | 7,842 | 37.9 | 36.8 | 33.0 | 8.7 | 35.9 | 22.7 | 11.4 | 35.2 |
| 03/08E | 27,333 | 9,923 | 47.9 | 26.5 | 26.1 | 5.3 | 26.0 | 24.8 | 7.7 | 19.1 |
| 03/09E | 30,743 | 10,055 | 48.5 | 1.3 | 25.8 | 4.5 | 19.0 | 20.1 | 6.7 | 19.0 |
| 03/10E | 36,704 | 11,858 | 57.3 | 17.9 | 21.9 | 3.9 | 19.1 | 20.2 | 5.3 | 15.3 |

\& Sun's 4 QFY 08 revenues are expected to grow by $28 \%$ YoY to Rs6.8b, driven by $36 \%$ YoY growth in international sales and $18.4 \%$ growth in domestic sales.
\& EBITDA margins are expected to improve by 1470 bp to $43.8 \%$ due to lower material and $R \& D$ expenses (due to demerger of NCE research) and Oxcarbazepine sales in the US, which currently enjoy the benefit of limited competition. However, lower other income and higher tax outgo (tax rate of $2.2 \%$ of PBT v/s tax writeback for 3QFY07) is likely to temper down PAT growth to $7.6 \%$ to Rs 2.2 b .
\& Our estimates do not include upsides from the January 2008 launch of generic Protonix (Pantoprazole) under shared exclusivity with Te va. Since Teva had launched its version much before SPIL's launch, we believe that the latter will take time to ramp-up market share and hence we expect the company to record only US\$ $10-15 \mathrm{~m}$ in sales from this exclusivity-based product in 4QFY08.
\& SPIL's ability to sustain high growth rates at superior margins even on a high base is a clear positive. With the domestic business progressing well and increasing traction on the US front (both in Caraco and from India), the possibility of a rapid scale-up over the next couple of years is high. While valuations at 25.8 x FY09E and 21.9 x FY10E EPS (excl. Taro acquisition) appear rich, they do not fully factor in ramp-up in the US and the expected value unlocking by leveraging acquired companies (Taro, Able Labs \& Valeant). Stock performance in the short term may remain muted until further clarity on the Taro acquisition emerges. Maintain Buy.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 1 Q | 2 Q | 3 Q | 4QE |  |  |
| Net Revenues | 4,987 | 5,239 | 5,263 | 5,313 | 6,153 | 6,465 | 7,902 | 6,812 | 20,792 | 27,333 |
| YoY Change (\%) | 31.8 | 27.4 | 24.2 | 33.5 | 23.4 | 23.4 | 50.1 | 28.2 | 30.4 | 31.5 |
| EBITDA | 1,811 | 1,708 | 1,733 | 1,545 | 2,148 | 2,409 | 3,547 | 2,984 | 6,798 | 11,088 |
| Margins (\%) | 36.3 | 32.6 | 32.9 | 29.1 | 34.9 | 37.3 | 44.9 | 43.8 | 32.7 | 40.6 |
| Depreciation | 202 | 204 | 212 | 201 | 226 | 230 | 245 | 259 | 818 | 959 |
| Net Other Income | 274 | 402 | 636 | 942 | 606 | 111 | 179 | -187 | 2,253 | 709 |
| PBT | 1,883 | 1,906 | 2,157 | 2,286 | 2,528 | 2,290 | 3,481 | 2,538 | 8,233 | 10,837 |
| Tax | 2 | -22 | -29 | -18 | 98 | 1 | 116 | 56 | -67 | 271 |
| Rate (\%) | 0.1 | -1.1 | -1.3 | -0.8 | 3.9 | 0.0 | 3.3 | 2.2 | -0.8 | 2.5 |
| Profit after Tax | 1,882 | 1,928 | 2,186 | 2,304 | 2,430 | 2,289 | 3,365 | 2,482 | 8,300 | 10,566 |
| Share of Minority Partner | 115 | 64 | 198 | 183 | 158 | 104 | 181 | 200 | 559 | 643 |
| Adj Net Profit | 1,767 | 1,864 | 1,989 | 2,121 | 2,272 | 2,185 | 3,184 | 2,282 | 7,741 | 9,923 |
| Yo Y Change (\%) | 29.9 | 26.1 | 35.8 | 48.4 | 28.6 | 17.2 | 60.1 | 7.6 | 35.0 | 28.2 |
| Margins (\%) | 35.4 | 35.6 | 37.8 | 39.9 | 36.9 | 33.8 | 40.3 | 33.5 | 37.2 | 36.3 |

[^19]| STOCK INFO. BLOOMBERG <br> BSE Sensex: 16,371 WOCK IN <br>  REUTERS CODE <br> S\&P CNX: 4,942 WCKH.BO |  |
| :--- | ---: |
| Equity Shares (m) | 109.4 |
| 52-Week Range | $448 / 245$ |
| 1,6,12 Rel. Perf. (\%) | $-12 /-31 /-60$ |
| M.Cap. (Rs b) | 29.2 |
| M.Cap. (US\$ b) | 0.7 |


| 28 March 2008 Neutral |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs267 |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 12/06A | 17,290 | 2,558 | 21.4 | -0.5 | 12.5 | 2.7 | 27.2 | 15.0 | 2.3 | 9.8 |
| 12/07E | 26,531 | 3,459 | 29.0 | 35.3 | 9.2 | 2.1 | 28.5 | 16.9 | 1.8 | 7.4 |
| 12/08E | 33,892 | 3,984 | 33.4 | 15.2 | 8.0 | 1.7 | 26.0 | 17.2 | 1.4 | 6.0 |
| 12/09E | 38,067 | 4,550 | 38.1 | 14.2 | 7.0 | 1.4 | 24.1 | 17.1 | 1.1 | 5.1 |

\& Wockhardt's 1 QCY08 revenues are expected to grow by $52 \%$ YoY to Rs 7.9 b , driven by higher growth in domestic business and consolidation of Negma acquisition.
\& EBITDA margins are expected to improve by 110 bp to $23.1 \%$ on a low base of 1 QCY07. While the company has commenced capitalizing a part of its R\&D expenses beginning 3QCY06, we continue to expense R\&D costs fully. Higher interest costs (linked to acquisitions) will restrict adjusted PAT growth to $45 \%$ YoY at Rs 799 m . Reported PAT growth is expected to be higher due to $R \& D$ capitalization.

25 We believe that Wockhardt still has to display the ability to fully leverage its assets (particularly the biotech facilities) and scale up substantially in regulated markets, for a further re-rating in its valuation multiples. While valuations at $8 x$ CY08E and 7x CY09E fully diluted earnings appear cheap, they do not take into account the proposed US\$200m of equity dilution ( $28 \%$ of current market capitalization). Maintain Neutral.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  | (RS MILLION) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E DECEMBER | CY07 |  |  |  | CY08E |  |  |  | CY07 | CY08E |
|  | 1Q | 2Q | 3Q | 4Q | $1 Q$ | 2Q | 3 Q | 4QE |  |  |
| Gross Sales | 5,228 | 6,303 | 7,381 | 7,620 | 7,945 | 7,855 | 8,993 | 9,099 | 26,531 | 33,892 |
| YoY Change (\%) | 48.7 | 52.7 | 68.6 | 44.7 | 52.0 | 24.6 | 21.8 | 19.4 | 53.4 | 27.7 |
| Total Expenditure | 4,069 | 4,781 | 5,572 | 5,719 | 6,110 | 6,090 | 6,840 | 7,058 | 20,141 | 26,098 |
| EBITDA | 1,159 | 1,522 | 1,809 | 1,901 | 1,835 | 1,765 | 2,153 | 2,041 | 6,390 | 7,794 |
| Margins (\%) | 22.2 | 24.1 | 24.5 | 24.9 | 23.1 | 22.5 | 23.9 | 22.4 | 24.1 | 23.0 |
| Depreciation | 181 | 172 | 196 | 236 | 260 | 280 | 285 | 287 | 785 | 1,112 |
| Interest | 129 | 85 | 268 | 492 | 435 | 300 | 300 | 168 | 974 | 1,203 |
| Other Income | 22 | 25 | 26 | 37 | 30 | 25 | 30 | 51 | 110 | 136 |
| PBT before EO Items | 871 | 1,290 | 1,371 | 1,210 | 1,170 | 1,210 | 1,598 | 1,636 | 4,741 | 5,614 |
| EO Income | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PBT after EO Items | 871 | 1,290 | 1,371 | 1,210 | 1,170 | 1,210 | 1,598 | 1,636 | 4,741 | 5,614 |
| Tax | 208 | 266 | 288 | 155 | 260 | 226 | 360 | 333 | 917 | 1,179 |
| Rate (\%) | 23.9 | 20.6 | 21.0 | 12.8 | 22.2 | 18.7 | 22.5 | 20.4 | 19.3 | 21.0 |
| Reported PAT | 663 | 1,024 | 1,083 | 1,055 | 910 | 984 | 1,238 | 1,303 | 3,824 | 4,435 |
| R\&D Capitalized | 180 | 170 | 180 | 118 | 180 | 170 | 180 | 270 | 648 | 800 |
| Adjusted PAT | 552 | 870 | 972 | 997 | 799 | 880 | 1,127 | 1,152 | 3,459 | 3,984 |
| YoY Change (\%) | 1.8 | 37.2 | 53.0 | 29.2 | 44.7 | 1.2 | 15.9 | 15.5 | 35.2 | 15.2 |
| Margins (\%) | 10.6 | 13.8 | 13.2 | 13.1 | 10.1 | 11.2 | 12.5 | 12.7 | 13.0 | 11.8 |

E: MOSt Estimates; Quarterly numbers don' tadd up to annual numbers due to re-classification
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# Real Estate 

BSE Sensex: 16,371
28 March 2008

| COMPANY NAME | PG. |
| :--- | ---: |
| DLF | 247 |
|  |  |
| Unitech | 248 |
|  |  |

The pricing game in the real estate (RE) industry seems to be over and most big developers are now focusing on pushing the volumes. Over the last few months, the RE industry has witnessed several new launches in the mid-income housing segment across the country. The response to these launches has been encouraging, as these launches have been at a $20-25 \%$ discount to the prevailing market rate.

## Access to institutional finance dried up

Access to institutional finance has been curtailed due to the global turmoil in financial markets and negative outlook on the housing sector. Also, the cap rates have moved up significantly to $8.5-9.0 \% \mathrm{v} / \mathrm{s} 6.0 \%$ in November-December 2007. This has delayed the monetization plans of most of the large companies targeting the Singapore REIT market. In the event these companies are unable to find viable alternate financing vehicles, financial position of companies exposed to the commercial segment (office, retail, hotels, etc) would become stretched, which could impact their future development plans. Over the last one month, fund raising plans in the form of IPO, REIT listings and QIPs of $\sim \mathrm{US} \$ 8 \mathrm{~b}$ by large RE companies have been delayed or curtailed.

| REAL ESTATE SECTOR ISSUES CANCELLED |  |  |
| :--- | :--- | ---: |
| COMPANY | MODE | AMOUNT (US\$ M ) |
| DLF | RETT | 2,000 |
| Unitech | RET | 700 |
| Unitech | QP | 1,500 |
| IBREL | RETT | 1,500 |
| HDIL | QIP | 250 |
| Omaxe | QIP | 385 |
| Emaar MGF | IPO | 1,667 |
| Total |  |  |
|  |  | Source: Motilal Oswal Securities |


| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) |
| Real Estate |  |  |  |  |  |  |  |
| DLF | UR* | 39,751 |  | 22,237 | - | 18,445 | - |
| Unitech | UR* | 14,592 | 71.9 | 6,073 | 19.1 | 4,051 | 13.5 |
| Sector Aggregate |  | 14,592 | 71.9 | 6,073 | 19.1 | 4,051 | 13.5 |

## *Under Review

## Possible price correction in REprices

The festival period of November-February 2008 (comprising Dassera, Diwali, Christmas, and marriage season) was supposed to be the acid test for the RE industry, as developers have been holding on to prices for almost a year now, even though the transactions have dried up considerably. Our feedback suggests that demand pick up during the last few months has not met the expectations of developers in several markets. Hence developers, who are now desperate for a pick up in volumes to meet their inventory pile up, could resort to moderation of RE prices in the near term. This could negatively impact all RE players, especially those who have higher exposure to the middle income residential segment.

## Wave towards mid-housing

Over the last few months, large real estate (RE) players have launched projects classified as affordable housing, mid-income housing or low-income housing. They have priced properties under these projects at $20-25 \%$ discount to the prices prevailing in the surrounding areas, and have received encouraging response from the market. We believe that this trend is more than just product re-classification and signals price corrections in the RE market. Considering the current slowdown in volumes and stringent financing norms, we also expect the proportion of plots in the development plans of RE players to increase, as plots offer the advantage of early monetization.


## Sufficient demand, but at lower prices

DLF started the trend in 3QFY08 by launching mid-income housing projects across several cities such as Chennai, Gurgaon and Kolkata. Unitech followed by launching its midincome housing in Greater Noida, where the marketing is directly done by the company and not through brokers or any other channels.


Both DLF and Unitech's mid-income residential projects have received good response. DLF' s mid-income housing project consisting of 1,000 apartments in Gurgaon was fully sold within hours of its launch and the next 1,000 apartments are expected to be launched soon. DLF' s project in Kolkata also received a good response with Phase I, consisting of 550 units, being sold in just two days time. Almost $\sim 94 \%$ of Phase II of this project has been sold.

DLF also made an aggressive entry in Chennai by launching apartments at rates $\sim 20 \%$ lower than rates quoted by competitors in the same region and its project is $\sim 80 \%$ sold. We believe other developers would also launch similar products going forward, mainly on account of the huge demand potential in the mid-income housing segment.

## Expect greater focus on plots

Most of the real estate companies have majority of their residential plans focused on apartments, which enjoy very high realizations, and very little exposure to plots. However, considering the current slowdown in the RE industry, we believe RE players may shift focus from apartments to plot developments, as they offer early monetization. However, as plots do not attract lucrative returns like FSI development, the NAVs for RE companies are expected to plummet with change in development plans skewed towards plots.

| PLOTS AS \% OF TOTAL RESIDENTIAL (MSF) |  |  |  |
| :--- | :---: | :---: | :---: |
| COMPANY | TOTAL RESIDENTIAL <br> DEVELOPMENT PLANS | PLOTS | PLOTS AS \% OF <br> TOTAL RESIDENTIAL |
| DLF | 492.0 | $110.0^{*}$ | 22.4 |
| Unitech | 519.5 | 34.5 | 6.6 |
| Sobha | 106.0 | 26.0 | 24.5 |
| Parsvnath | 112.0 | 29.0 | 25.9 |
| Omaxe | 122.8 | 32.1 | 26.2 |
| Puravankara | 113.0 | 0.0 | 0.0 |
| Ansal Property | 111.0 | 77.0 | 69.4 |
| Emaar MGF | 435.0 | 135.0 | 31.0 |
| Total | $\mathbf{1 , 9 3 3 . 3}$ | $\mathbf{4 4 7 . 6}$ | $\mathbf{2 3 . 2}$ |
| * as per July 2007 presentation |  | Source: Company/Motilal Oswal Securities |  |

Stock performance and valuations

STOCK PERFORMANCE (\%)

|  | ABSOLUTE PERF |  | REL PERF TO SENSEX |  | REL PERF TO SECTOR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 M | 1 YEAR | 3 M | 1 YEAR | 3 M | 1 YEAR |
| Real Estate |  |  |  |  |  |  |
| DLF | -35 | - | -16 | - | 2 | - |
| Unitech | -40 | 49 | -21 | 22 | -4 | - |

RELATIVE PERFORMANCE - 3 MONTH (\%)

*Under Review

| STOCK INFO. BLOOMBERG <br> BSE Sensex: 16,371 DLFU IN <br>  REUTERS CODE |  |
| :--- | ---: |
| S\&P CNX: 4,942 DLF.BO |  |
| Equity Shares (m) | $1,704.8$ |
| 52-Week Range | $1,225 / 506$ |
| 1,6,12 Rel. Perf. (\%) | $-5 /-3 /-$ |
| M.Cap. (Rs b) | $1,186.0$ |
| M.Cap. (US\$ b) | 29.7 |

28 March 2008

| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs696 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| year | net sales | PAT | EPS* | EPS | P/E* | P/BV | Roe | roce | EV/ | EV/ |
| End | (RS M) | (RS M) | (RS) | GRowt (\%) | (x) | (X) | (\%) | (\%) | Sales | Ebit |
| 3/07A | 26,344 | 19,366 | 12.7 | 56.2 | 54.7 | 26.8 | 49.0 | 30.0 | 32.5 | 45.4 |
| 3/08E | 138,972 | 75,259 | 44.1 | 247.4 | 15.8 | 6.8 | 43.2 | 45.9 | 9.0 | 13.6 |
| 3/09E | 185,769 | 82,736 | 48.5 | 9.9 | 14.3 | 5.1 | 35.8 | 38.7 | 6.4 | 10.8 |
| 3/10E | 195,252 | 95,087 | 55.8 | 14.9 | 12.5 | 4.0 | 31.9 | 39.3 | 5.7 | 8.7 |

8. We expect DLF to report a robust performance in 4QFY08 with revenue of Rs 39.8 b and net profit of Rs 18.4 b (no YoY comparison available). We estimate EBITDA margin to reduce 1,357bp at $56 \%$, mainly owing to change in its product offering (mid-income housing).
2 During 4QFY08, DLF successfully launched mid-income residential apartments, ranging from Rs4.5m to Rs $7.5 \mathrm{~m} /$ unit, in Kolkata, Kochi, Chennai and Gurgaon. The company has successfully sold $\sim 4,700$ units during 4QFY08 at these locations.
\& New projects are expected to be launched in Chandigarh, Hyderabad, Bangalore, Kochi, Jaipur and Lucknow over the next few quarters.
9. We estimate DLF's revenue to increase from Rs26.3b in FY07 to Rs195.3b in FY10, a CAGR of $94.5 \%$ and net profit to increase from Rs 19.4 b in FY07 to Rs95.1b in FY10, a CAGR of $69.8 \%$.
\& Our FY10 NAV for DLF is Rs624/share. The residential vertical accounts for $\sim 36 \%$ of GAV, commercial $\sim 28 \%$ of GAV and retail $\sim 25 \%$ of GAV.

| QUARTERLY PERFORMANCE |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3Q | 4QE |  |  |
| Sales | 30,738 | 32,499 | 35,984 | 39,751 | 26,344 | 138,972 |
| Change (\%) |  |  |  |  |  | 427.5 |
| Total Expenditure | 8,699 | 9,863 | 10,970 | 17,514 | 11,477 | 47,046 |
| Cost of land/construction | 7,263 | 8,326 | 9,512 | 15,964 | 6,394 | 41,065 |
| Staff Cost | 526 | 606 | 609 | 639 | 1,051 | 2,380 |
| Others | 909 | 930 | 850 | 911 | 4,032 | 3,600 |
| EBITDA | 22,039 | 22,637 | 25,014 | 22,237 | 14,866 | 91,926 |
| As \% of Sales | 71.7 | 69.7 | 69.5 | 55.94 | 56.4 | 66.1 |
| Depreciation | 166 | 110 | 148 | 193 | 578 | 616 |
| Interest | 1,077 | 36 | 788 | 935 | 3,076 | 2,837 |
| Other Income | 472 | 993 | 528 | 438 | 14,190 | 2,431 |
| PBT | 21,268 | 23,484 | 24,606 | 21,547 | 25,402 | 90,905 |
| Tax | 6,024 | 3301 | 3,218 | 3,102 | 6,036 | 15,645 |
| Effective Tax Rate (\%) | 28.3 | 14.1 | 13.1 | 14.40 | 23.8 | 17.2 |
| Reported PAT | 15,244 | 20,182 | 21,389 | 18,445 | 19,366 | 75,259 |
| Minority Interest |  |  | 4.3 |  |  |  |
| Adj. PAT | 15,244 | 20,182 | 21,450 | 18,445 | 19366 | 75,259 |

E: MOSt Estimates; Comparable quarterly numbers are not available, as 1QFY08 is the first quarter post listing

[^20]| STOCK INFO. <br> BSE Sensex: 16,371 | BLOOMBERG |
| :---: | :---: |
|  | UT IN |
|  | reuters code |
| S\&P CNX: 4,942 U | UNTE.BO |
| Equity Shares (m) | 1,623.4 |
| 52-Week Range | 547/165 |
| 1,6,12 Rel. Perf. (\%) | \%) -14/0/22 |
| M.Cap. (Rs b) | 473.5 |
| M.Cap. (US\$ b) | 11.9 |

28 March 2008

| Previous Recommendation: Buy Rs292 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| YEAR | net sales | PAT | EPS | EPS | P/E | P/BV | roe | Roce | EV/ | EV/ |
| End | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SaLES | Ebitda |
| 3/07A | 32,883 | 13,055 | 8.1 | 1,846.7 | 36.2 | 11.9 | 65.7 | 46.5 | 15.8 | 25.9 |
| 3/08E | 44,804 | 17,052 | 10.6 | 31.6 | 27.5 | 15.6 | 56.8 | 28.1 | 11.7 | 22.4 |
| 3/09E | 72,894 | 27,582 | 17.2 | 62.0 | 17.0 | 9.7 | 57.4 | 41.3 | 6.5 | 12.1 |
| 3/10E | 144,288 | 53,640 | 33.3 | 93.8 | 8.8 | 5.3 | 60.0 | 64.8 | 3.1 | 6.0 |

\& We expect Unitech to report revenue of Rs14.6b (up $72 \% \mathrm{YoY}$ ) and net profit of Rs4.1b (up $13.5 \% \mathrm{YoY}$ ) in 4QFY08. We expect EBITDA margin at $41.6 \%$ in 4QFY08, 2,270bp lower than $64.3 \%$ in 3QFY08.
\& During 4QFY08, Unitech announced its new land bank and development plans. Its land bank has increased from 14,638 acres to 18,512 acres between September 2006 to January 2008 and its share has increased from 10,585 acres to 13,763 acres over the same period. Unitech's saleable area has increased from 472msf in September 2006 to 690.3 msf in January 2008 with increased focus on commercial offices and IT park development.

* Unitech has formed a JV christened Shivalik Ventures for its foray in the Mumbai RE market with two local Mumbai developers - Rohan Group and Shivalik Ventures. While Unitech's sinvestment is $\sim$ Rs 8 b for its $50 \%$ stake in the JV, the other partners have transferred their land holdings as their consideration for their $50 \%$ stake in the JV .
\& Unitech has shifted its focus towards affordable homes segment and launched projects starting at Rs $3.5 \mathrm{~m} / \mathrm{unit}$ ( 1,200 sf @Rs2,700/sf) in Greater Noida.
\& Unitech has put its US\$1.2b QIP on hold owing to the volatility in stock markets. This QIP was mainly to increase its net worth in order to qualify for project tenders floated by the government.
25 We estimate Unitech's revenues to increase from Rs 32.9 b in FY07 to Rs 144.3 b in FY10, a CAGR of $63.7 \%$ and net profit to increase from Rs13b in FY07 to Rs53.6b in FY10, a CAGR of $60.2 \%$. Our FY10E NAV for Unitech is Rs315. The residential vertical accounts for $\sim 39 \%$ of GAV, commercial $\sim 27 \%$ of GAV and retail $\sim 17 \%$ of GAV.

| QUARTERLY Performance |  |  |  |  |  | (RS MILLION |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4QE |  |  |
| Sales | 8,656 | 10,135 | 11,421 | 14,592 | 33,183 | 44,804 |
| Change (\%) | 223.3 | 135.4 | 13.9 | 71.9 | 114.6 | 35.0 |
| Total Expenditure | 3,651 | 5,064 | 4,077 | 8,519 | 12,865 | 21,311 |
| EBITDA | 5,005 | 5,071 | 7,344 | 6,073 | 20,318 | 23,492 |
| Change (\%) | 558.6 | 259.5 | 5.7 | 19.1 |  |  |
| As of \% Sales | 57.8 | 50.0 | 64.3 | 41.6 | 61.2 | 52.4 |
| Depreciation | 32 | 30 | 55 | 60 | 80 | 176 |
| Interest | 601 | 790 | 980 | 1,021 | 3,020 | 3,391 |
| Other Income | 341 | 508 | 230 | 385 | 700 | 1,463 |
| PBT | 4,714 | 4,759 | 6,539 | 5,377 | 17,919 | 21,389 |
| Tax | 1,044 | 660 | 1,307 | 1,326 | 4,864 | 4,336 |
| Effective Tax Rate (\%) | 22.1 | 13.9 | 20.0 | 24.7 | 27.1 | 20.3 |
| Reported PAT | 3,670 | 4,099 | 5,232 | 4,051 | 13,055 | 17,052 |
| Adj PAT | 3,670 | 4,099 | 5,232 | 4,051 | 13,055 | 17,052 |
| Change (\%) | 396.0 | 296.3 | 15.7 | 13.5 | 206.7 | 31.6 |

E: MOSt Estimates;*Standalone, \# Consolidated
Siddharth Bothra (Sbothra@ MotilalOswal.com )/Satyam Agarwal(Agarwals@MotilalOswal.com)/Mansi Trivedi(Mansi.Trivedi@MotilalOswal.com)

## Retailing

BSE Sensex: 16,371
28 March 2008

| COMPANY NAME | PG. |
| :--- | ---: |
| Pantaloon Retail | 253 |

Shopper's Stop 254

Titan Industries

Organized retail is getting increasing acceptance by the consumers but opposition from small retailers has intensified. The scale is delicately balanced with small retailers on one side and farming community on the other; particularly as we are approaching general elections in coming 9-12 months. Rising lease rentals, service tax, power tariff and manpower costs are adding to the woes of the retailers. We foresee early phase of consolidation in the retail sector as large groups try to achieve critical scale. Specialty formats are attracting heightened interest from both local and global players due to better brand recall. Long-term prospects for the sector remain bright, although short term cost pressures and other challenges remain. We maintain Pantaloon Retail as our top pick.

## Income tax concessions to boost demand

Tax concessions given during Budget 2008 will lead to increase in disposable income. This augurs well for the organized retail as time spent by consumers inside malls has been steadily increasing. Increase in time spent coupled with higher disposable income can convert a window shopper into a consumer. The increase in disposable income will increase sales of general merchandise, clothing and other specialty segments like watches, furniture and fixture, footwear, books, music and durables. We don' $t$ foresee much of an impact on the food and grocery segment where the overall sales increase might be confined to upgrading and increased sales volume in processed foods.

| CHANGE IN TAX SLAB (RS IN LAC) |  |  |  |
| :--- | :---: | :--- | :---: |
| OLD SLABS | $\%$ | NEW SLABS | $\%$ |
| Rs 110,000 to Rs 150,000 | 10 | Rs 150,000 to Rs300,000 | 10 |
| Rs150,000 to Rs250,000 | 20 | Rs300,000 to Rs500,000 | 20 |
| Rs250,000 and above | 30 | Rs500,000 and above | 30 |


| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) |
| Retailing |  |  |  |  |  |  |  |
| Pantaloon Retail | Buy | 14,250 | 65.5 | 1,140 | 89.1 | 359 | 91.6 |
| Shopper' s Stop | Neutral | 2,876 | 33.8 | 174 | 14.6 | 18 | -73.3 |
| Titan Industries | Neutral | 7,643 | 28.1 | 796 | 14.9 | 542 | 14.0 |
| Sector Aggregate |  | 24,769 | 48.1 | 2,110 | 45.8 | 919 | 25.9 |



Source: India Retail Report 2007

## Policy initiatives to remain on the backburner

We believe major policy initiatives regarding retail sector will be put on the backburner for the coming 12-15 months, as we are approaching general elections. Large retailers like Reliance have also slowed down rollout of small format stores like Reliance fresh, which we believe will continue in the coming year. Industry believes the model to penetrate the street corner stores would have to be defined in a novel manner so as to involve small shopkeeper in the process. This, we believe, would involve creating a mutually beneficial franchisee or partnership that would be beneficial to the small grocer. However, we expect the small formats to continue facing stiff opposition. We are of the firm view that the development of organized retail, agriculture, food processing, manufacturing and real estate is interlinked, which has significant spill over effect on the entire economy. However, status quo will be maintained for major policy initiatives in this sector.

## Specialty retail segment to see more action

Specialty retail segment is witnessing lot of activity as many global giants are planning single brand retail outlets. Luxury goods, garments, personal accessories and watches are likely to see entry of players like LVMH. Even existing players like Titan, Rajesh Exports, Gitanjali Gems, Raymond' s, Bata, Kuttons, Liberty and Samsung have huge expansion plans. Large retail groups like Reliance, Tata and Pantaloon have lined up forays in durables, personal accessories, electronics etc targeting the premium-end consumer with high quality sales, service and ambience. Specialty stores are likely to be used for launch of premium products and brand re-positioning strategies. Sharp increase in gold prices is likely to impact the volume growth of jewellery industry. This might slow down the growth plans of branded jewellery retailers like Titan, Rajesh Exports, Gitanjali Gems and others.

## Rising operating costs amid lack of pricing power

The retail sector is reeling under all round cost escalation due to a combination of rising lease rentals, manpower, and power costs. Severe competition impairs the ability of these players to increase gross margins. Real estate costs have been the major cost push factor due to:
\& 35-40\% increase in lease rentals

* Imposition of service tax on lease rentals; full set off is not available
\& Deposit costs for obtaining the lease has increased from an average of three months of rentals to six months of rentals.
\& There is a delay of 9-12 months in getting the properties, even as other resource costs like manpower, logistics etc start impacting.

Leading retailers have slowed down fresh booking of properties and some of the real estate developers are revising their plans to set up malls in their upcoming properties. The industry expects $9-12$ months of delay in getting the properties. However, the lease rentals are expected to come down in the coming 18-24 months.

## Valuation and view

We believe the existing retailers will continue to grow topline and attract footfalls due to lowpenetration although same store sales growth will be lower. EBIDT A margin is unlikely to expand due to rising lease rentals and manpower costs. We expect specialty stores to flourish due to committed customers and strong brand recall. We believe that scale of operations and cost control initiatives would be a key to survival in the long term. We expect the sector to enjoy premium valuations due to huge growth potential. We maintain a cautiously positive view on the sector with Pantaloon Retail as our top pick.

Stock performance and valuations

STOCK PERFORMANCE (\%)

|  | ABSOLUTE PERF |  | REL PERF TO SENSEX |  | REL PERF TO SECTOR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 M | 1 YEAR | 3 M | 1 YEAR | 3 M | 1 YEAR |
| Retailing |  |  |  |  |  |  |
| Pantaloon Retail | -47 | 8 | -28 | -19 | -9 | -7 |
| Shoppers Stop | -25 | -32 | -6 | -59 | 13 | -47 |
| Titan Industries | -27 | 37 | -8 | 10 | 11 | 22 |

RELATIVE PERFORMANCE - 3 MONTH (\%)


| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 PF IN |  |
| REUTERS CODE |  |
| S\&P CNX: 4,942 | PART.BO |
| Equity Shares (m) |  |
| 52-Week Range (Rs) | 151.0 |
| 1,6,12 Rel. Perf. (\%) | $-8 /-14 /-19$ |
| M.Cap. (Rs b) | 65.6 |
| M.Cap. (US\$ b) | 1.6 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  | Rs434 |
| YEAR NET SALES | PAT | EPS | EPS | P/E | P/BV | ROE | ROCE | EV/ | EV/ |
| END (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 06/07A 32,367 | 611 | 4.2 | -11.2 | 104.4 | 5.8 | 5.6 | 7.4 | 2.3 | 34.5 |
| 06/08E 55,156 | 1,360 | 9.3 | 122.7 | 46.9 | 4.8 | 10.3 | 10.4 | 1.4 | 18.2 |
| 06/09E 83,873 | 2,408 | 16.0 | 72.3 | 27.2 | 4.2 | 15.6 | 13.9 | 1.0 | 12.3 |
| 06/10E 116,089 | 4,358 | 25.5 | 59.7 | 17.0 | 2.5 | 14.5 | 16.0 | 0.7 | 7.9 |

* Pantaloon's revenues are expected to grow $65.5 \%$ YoY in 3 QFY08 to Rs14.3b, driven by value retailing.

2. EBITDA margin is expected to expand 100 bp to $8.0 \%$ while PAT is expected at Rs 359 m , up $91.6 \%$.
\& Pantaloon is expected to end the year with 11 msf of retail space by June 2008. The company targets to increase the retail space to 16 msf by FY09 and 24 msf by FY10. The total capex plan spread over three years stands at US\$1.5b (US\$500m internal accruals; US\$700m debt; US\$300m equity)
3. Pantaloon is focusing on building brands by increasing its private label in its hypermarket. The company plans to have its private label in food, electronics, apparel and cosmetics. It has identified three brands for sale in other multiband stores. These include Dreamline for home products, John Miller for shirts and Buffalo for jeans.

* Pantaloon Retail is expected to take a one-time hit of US\$20m in valuation of closing stock. The company is likely to provide the same in 4QFY08 results as an exceptional one time write-off.
* The stock is currently trading at 46.9x FY08E EPS and 27.2x FY09E EPS. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E JUNE | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3QE | 4QE |  |  |
| Net Sales | 6,034 | 7,527 | 8,610 | 10,196 | 10,864 | 12,268 | 14,250 | 17,774 | 32,367 | 55,156 |
| YoY Change (\%) | 65.4 | 59.5 | 89.1 | 77.3 | 80.1 | 63.0 | 65.5 | 74.3 | 73.3 | 70.4 |
| Total Exp | 5,618 | 6,957 | 8,008 | 9,629 | 9,908 | 11,171 | 13,110 | 16,587 | 30,211 | 50,777 |
| EBITDA | 415 | 570 | 603 | 568 | 956 | 1,096 | 1,140 | 1,187 | 2,156 | 4,379 |
| Margins (\%) | 6.9 | 7.6 | 7.0 | 5.6 | 8.8 | 8.9 | 8.0 | 6.7 | 6.7 | 7.9 |
| Depreciation | 67 | 82 | 93 | 126 | 153 | 204 | 185 | 189 | 369 | 731 |
| Interest | 125 | 207 | 229 | 337 | 352 | 418 | 420 | 430 | 898 | 1,619 |
| Other Income | 17 | 5 | 9 | 0 | 7 | 13 | 8 | 4 | 32 | 32 |
| PBT | 241 | 286 | 290 | 105 | 459 | 487 | 543 | 572 | 921 | 2,061 |
| Tax | 79 | 94 | 103 | 36 | 162 | 171 | 185 | 183 | 311 | 701 |
| Rate (\%) | 32.7 | 33.0 | 35.5 | 34.0 | 35.3 | 35.1 | 34.0 | 32.0 | 33.7 | 34.0 |
| Adjusted PAT | 162 | 191 | 187 | 69 | 297 | 317 | 359 | 388 | 611 | 1,360 |
| YoY Change (\%) | 19.6 | 3.1 | 15.3 | -56.2 | 82.9 | 65.3 | 91.6 | 460.2 | -3.0 | 122.8 |
| Exceptional Income | 224 | 249 | 0 | 117 | 0 | 0 | 0 | 0 | 589 | 0 |
| Reported PAT | 386 | 440 | 187 | 187 | 297 | 317 | 359 | 388 | 1,200 | 1,360 |

E: MOSt Estimates

[^21]
# Shopper's Stop 

| STOCK INFO.  <br> BSE Sensex: BLOOMBERG <br>  BLOM <br> SHOP IN <br> REUTERS CODE <br> S\&P CNX: 4,942 SHOP.BO |  |
| :--- | ---: |
| Equity Shares (m) | 34.8 |
| 52-Week Range | $703 / 350$ |
| 1,6,12 Rel. Perf. (\%) | $3 /-23 /-59$ |
| M.Cap. (Rs b) | 14.5 |
| M.Cap. (US\$ b) | 0.4 |

28 March 2008

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs417 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| year | net sales | PAT | EPS | EPS | P/E | P/BV | roe | Roce | EV/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | Sales | Ebitda |
| 03/07A | 8,280 | 343 | 9.8 | 39.8 | 42.3 | 4.9 | 11.5 | 14.4 | 1.7 | 20.6 |
| 03/08E | 10,938 | 47 | 1.3 | -86.4 | 311.5 | 4.9 | 1.3 | 4.9 | 1.3 | 24.8 |
| 03/09E | 14,751 | 99 | 2.9 | 113.3 | 146.1 | 4.9 | 3.3 | 8.3 | 1.0 | 17.1 |
| 03/10E | 20,369 | 343 | 9.9 | 245.3 | 42.3 | 4.6 | 10.9 | 14.2 | 0.8 | 11.1 |

2. Shopper's Stop is expected to report revenues of Rs 2.9 b in 4QFY08, an increase of $33.8 \%$, driven by strong same store sales growth in existing stores.
\& EBITDA margin is expected at $6 \%$ for 4QFY08, a decline of 110 bp . Adjusted PAT at Rs18m would decline of $73 \%$ YoY.

25 We expect profit margins to remain under pressure due to change in method of depreciation and rising overheads due to staff costs, lease rentals and new store openings.
8 The company's subsidiary Gateway Multichannel Retail (India) Ltd has opened its first store Hypercity Argos at Thane.
\& We expect the company to raise Rs3-3.5b to fund the various expansion plans in the coming 2-3 years. The company plans to achieve economies of scale in another 2-3 years which would increase the EBIDT A margin to 7-8\%.
$\&$ The stock is currently trading at $311.5 x$ FY08E EPS and 146.1x FY09E EPS. We maintain Neutral.

| QUARTERLY Performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 10 | 20 | 3 Q | 4QE |  |  |
| Net Sales | 1,720 | 2,013 | 2,398 | 2,149 | 2,188 | 2,774 | 3,100 | 2,876 | 8,280 | 10,938 |
| Yo Y Change (\%) | 35.0 | 32.9 | 24.6 | 31.5 | 27.2 | 37.8 | 29.3 | 33.8 | 30.5 | 32.1 |
| Total Exp | 1,600 | 1,852 | 2,150 | 1,997 | 2,050 | 2,640 | 2,954 | 2,702 | 7,599 | 10,346 |
| EBITDA | 119 | 162 | 248 | 152 | 138 | 134 | 146 | 174 | 681 | 592 |
| Margins (\%) | 6.9 | 8.0 | 10.3 | 7.1 | 6.3 | 4.8 | 4.7 | 6.0 | 8.2 | 5.4 |
| Depreciation | 41 | 55 | 43 | 50 | 93 | 115 | 113 | 108 | 189 | 429 |
| Interest | 9 | 11 | 11 | -4 | 12 | 17 | 13 | 29 | -41 | 71 |
| Other Income | 25 | 31 | 37 | 11 | 5 | 19 | 3 | 30 | 36 | 56 |
| PBT | 95 | 126 | 231 | 117 | 38 | 20 | 22 | 68 | 569 | 148 |
| Tax | 41 | 46 | 90 | 49 | 19 | 19 | 21 | 50 | 226 | 109 |
| Rate (\%) | 43.0 | 36.4 | 38.8 | 42.4 | 48.6 | 96.9 | 95.4 | 73.4 | 39.7 | 73.4 |
| PAT | 54 | 80 | 142 | 67 | 20 | 1 | 1 | 18 | 343 | 39 |
| Yo Y Change (\%) | 95.8 | 148.0 | 21.0 | 9.7 | -63.5 | -99.2 | -99.3 | -73 | 44.0 | -88.5 |
| Minority Interest Exceptionals | 0 | 0 | 0 | -101 | 0 | 0 | 7 | 0 | -101 | 7 |
| Reported PAT | 54 | 80 | 142 | -34 | 20 | 1 | 8 | 18 | 242 | 47 |

E: MOSt Estimates

[^22]| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | TTAN IN |
| REUTERS CODE |  |
| S\&P CNX: 4,942 | TITN.BO |
| Equity Shares (m) | 42.3 |
| 52-Week Range | $1,795 / 805$ |
| 1,6,12 Rel. Perf. (\%) | $6 /-19 / 10$ |
| M.Cap. (Rs b) | 47.1 |
| M.Cap. (US\$ b) | 1.2 |


\& We expect Titan to register a $28.1 \%$ growth in revenue to Rs 7.64 b in 4 QFY 08 . Jewelery and watches are expected to be the major growth drivers. EBIDTA margin is likely to dip by 120 bp to $10.4 \%$ in 4 QFY 08 due to rising store operating expenses, sharp increases in gold prices and strong volume growth in lower margin Sonata watches in the current quarter. Adjusted PAT is expected to grow $14 \%$ to Rs542m.
\& Titan has ended the year with 22 Gold Plus and 103 Tanishq stores in jewelery retailing. Gold prices have increased $19 \%$ QoQ and $28 \%$ YoY. We expect this to impact the volume growth in the jewelery segment. Diamond studded jewelery is expected to show strong growth momentum due to sales promotion scheme during the quarter. However, we expect the company to scale down expansion plan in the Gold Plus format due to lower volume growth.
\& Titan Eye+ is performing as per expectations. We expect the company to undertake plans to scale up the model in the coming months from the current level of 10 stores.

* Precision engineering is expected to sustain the turnaround; growth rate is expected to accelerate from FY09.
\& The stock is currently trading at 37.1x FY08E and 25.1x FY09E. Although we are positive on long term prospects, current stock price factors in the near term growth potential. We maintain neutral rating due to high valuations.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 20 | 3 Q | 4 Q | 10 | 20 | 30 | 4QE |  |  |
| Net Sales | 4,410 | 5,235 | 5,291 | 5,966 | 6,575 | 7,114 | 8,024 | 7,643 | 20,902 | 29,355 |
| YoY Change (\%) | 54.1 | 47.9 | 42.9 | 41.0 | 49.1 | 35.9 | 51.6 | 28.1 | 45.5 | 40.4 |
| Total Exp | 4,245 | 4,690 | 4,711 | 5,273 | 6,206 | 6,318 | 7,523 | 6,847 | 18,918 | 26,894 |
| EBITDA | 165 | 546 | 581 | 693 | 369 | 797 | 501 | 796 | 1,984 | 2,462 |
| Margins (\%) | 3.7 | 10.4 | 11.0 | 11.6 | 5.6 | 11.2 | 6.2 | 10.4 | 9.5 | 8.4 |
| Depreciation | 49 | 66 | 70 | 72 | 72 | 72 | 74 | 101 | 256 | 319 |
| Interest | 49 | 43 | 47 | 66 | 48 | 39 | 51 | 70 | 204 | 209 |
| Other Income | 14 | 5 | 9 | 4 | 5 | 4 | 5 | 24 | 32 | 38 |
| PBT | 81 | 442 | 473 | 560 | 254 | 689 | 381 | 649 | 1,556 | 1,973 |
| Tax | 12 | 100 | 177 | 85 | 127 | 226 | 72 | 107 | 398 | 533 |
| Rate (\%) | 14.4 | 22.6 | 37.4 | 15.1 | 50.2 | 32.8 | 19.0 | 16.5 | 25.6 | 27.0 |
| PAT | 70 | 342 | 296 | 475 | 126 | 463 | 308 | 542 | 1,158 | 1,440 |
| YoY Change (\%) | -7.4 | -7.1 | 122.9 | 13.5 | 81.6 | 35.3 | 4.2 | 14.0 | 20.3 | 24.3 |
| Extraordinary ltems | 29 | 21 | 17 | 172 | 0 | 0 | 0 | 45 | 240 | 45 |
| Reported PAT | 41 | 322 | 279 | 303 | 126 | 463 | 308 | 497 | 918 | 1,395 |

E: MOSt Estimates
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## Telecom

| COMPANY NAME | PG. |
| :--- | :---: |
| Bharti Airtel | 262 |

Idea Cellular 263

Reliance Communication 264

We expect robust 4QFY08 operating performance from the listed telecom majors Bharti, RCOM, and Idea - with EBITDA growth of $\sim 8-9 \%$ QoQ and $\sim 40-42 \%$ YoY. However earnings are likely to be dragged by higher finance costs (forex losses due to Re depreciation v/s US\$; increased net debt). We expect flat earnings for Bharti and RCOM while Idea's net profit is likely to decline $\sim 11 \%$ QoQ.

We expect wireless EBITDA margins to remain stable QoQ. Scope for an upward tick in EBITDA margins appears limited given selective tariff cuts undertaken by the companies. However, positive demand elasticity is likely to expand MOU and restrict ARPU decline to $\sim 3-4 \%$ QoQ.

The momentum in subscriber net additions continued to be strong during 4QFY08. Industry is expected to add $\sim 26 \mathrm{~m}$ subscribers in $4 \mathrm{QFY} 08 \mathrm{v} / \mathrm{s} 24.2 \mathrm{~m}$ subscribers in 3 QFY 08 . Sustained subscriber momentum would support $\sim 12-13 \%$ quarterly average subscriber growth for Bharti, RCOM, and Idea.


Source: Industry/Motilal Oswal Securities

| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Reco | SALES |  | Ebitda |  | NET PROFIT |  |
|  |  | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) | MAR. 08 | CHG. (\%) |
| Telecom |  |  |  |  |  |  |  |
| Bharti Airtel | Buy | 74,677 | 38.5 | 31,924 | 42.5 | 17,288 | 27.8 |
| Idea Cellular | Not Rated | 18,688 | 42.8 | 6,165 | 41.3 | 2,108 | 9.0 |
| Reliance Comm | Buy | 53,113 | 34.9 | 22,863 | 39.8 | 13,737 | 34.5 |
| Sector Aggreg |  | 146,478 | 37.7 | 60,951 | 41.3 | 33,132 | 29.0 |

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## Several new players receive Lols

121 LOIs issued across circles: In January 2008, Department of Telecom (DOT) issued 121 Letters of Intent (LOIs) for Unified Access Service Licence (UASL) across the 22 service areas (circles). We believe that licence agreements have also been signed with majority of these LoI holders. The companies which receivedLOIs include Datacom (all 22 circles), Idea ( 9 circles), Loop ( 21 circles, part of Essar group), Spice ( 4 circles), Shyam Telelink ( 21 circles, except Rajasthan, where it has licence), Swan ( 13 circles), S Tel ( 6 circles), Tata Teleservices ( 3 circles), and Unitech ( 22 circles).

UASL licence will not automatically entitle companies for spectrum allocation: The government has clarified that UASL licence is an umbrella licence for all access services irrespective of technology (CDMA, GSM etc) or access mode (wireline or wireless). For spectrum allocation, licencees will have to obtain another licence - Wireless Operating Licence - which would be granted on First-Come-First-Serve basis.

No major competitive threat as yet: Although LoIs for UASL have been issued, the applicants are not assured of wireless spectrum allocation. We believe actual entry of these applicants into wireless market remains uncertain, given the current spectrum crunch, and on-going disputes on allocation. Apart from spectrum constraints, these players would also face risks related to financing and severe competition - given that they would be late entrants and are likely to enter simultaneously in an already crowded market place.


## Awaiting licencees aw arded start-up spectrum

Spectrum windfall for awaiting licencees: In January 2008, all the awaiting licencees received start-up spectrum from the government. These include Aircel ( 14 circles), Idea ( 2 circles), RCOM ( 14 circles) and Vodafone ( 6 circles). The companies are set for a commercial launch later this year. Post the launch by these operators, average number of operators on a pan-India basis will increase from 5.6 to 6.6 . However, with RCOM's GSM launch into 14 circles, average number of GSM operators will increase from 4.0 to 5.7.

|  | BHARTI | BSNL | RCOM | VODA | IDEA | TAT | AIRCEL | MTNL | SPICE | OTHERS | RCOM |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | FONE |  | TELE |  | (GSM) |  |  | (GSM) |
| Delhi | 24 | X | 15 | 20 | 12 | 19 | SR | 9 | LOI | X | SR |
| Mumbai | 18 | x | 21 | 25 | SR | 13 | SR | 13 | x | 10 | SR |
| Chennai | 24 | 14 | 13 | 17 | LOI | 5 | 27 | X | X | X | SR |
| Kolkata | 23 | 12 | 23 | 26 | LOI | 16 | SR | X | X | x | Present |
| Maharashtra | 21 | 15 | 15 | 12 | 23 | 15 | SR | x | LOI | x | SR |
| Gujarat | 15 | 12 | 15 | 37 | 16 | 6 | SR | x | X | x | SR |
| A.P. | 29 | 12 | 18 | 13 | 16 | 12 | SR | x | LOI | x | SR |
| Karnataka | 41 | 11 | 15 | 17 | LOI | 7 | SR | x | 10 | x | SR |
| T.N. | 22 | 14 | 15 | 17 | LOI | 4 | 29 | X | x | x | SR |
| Kerala | 14 | 21 | 18 | 17 | 24 | 6 | SR | X | X | X | SR |
| Punjab | 29 | 15 | 9 | 15 | LOI | 8 | SR | X | 22 | 2 | SR |
| Haryana | 16 | 21 | 13 | 20 | 16 | 14 | SR | x | LOI | X | SR |
| U.P.(W) | 12 | 16 | 18 | 23 | 20 | 11 | SR | x | x | X | SR |
| U.P.(E) | 18 | 28 | 18 | 25 | 5 | 6 | SR | X | X | X | SR |
| Rajasthan | 28 | 19 | 13 | 21 | 6 | 12 | SR | x | x | 1 | SR |
| M.P. | 22 | 14 | 32 | x | 24 | 6 | SR | x | x | x | Present |
| W.B. \& A\&N | 21 | 14 | 21 | 30 | LOI | 7 | 6 | X | X | X | Present |
| H.P. | 38 | 26 | 26 | SR | 3 | 5 | 2 | X | X | X | Present |
| Bihar | 38 | 15 | 33 | SR | SR | 8 | 5 | X | X | X | Present |
| Orissa | 34 | 22 | 27 | SR | LOI | 9 | 9 | X | X | X | Present |
| Assam | 25 | 19 | 24 | SR | LOI | LOI | 32 | X | X | X | Present |
| N.E. | 23 | 31 | 16 | SR | LOI | LOI | 30 | X | X | x | Present |
| Jammu \& Kashmir | 46 | 43 | 0 | SR | LOI | LOI | 11 | X | X | X | SR |

Note: Numbers indicate market share (\%) in respective circles; SR: Spectrum Received;LOI: Letter of Intent received

Incumbents also get some allocation: Existing GSM operators - Bharti, Idea, and Vodafone - have also been allotted incremental spectrum in some circles. We believe this reflects spectrum allotment as per newly accepted TRAI subscriber criteria and expect incumbents to be eligible for more spectrum over the coming months as they hit subscriber thresholds for incremental spectrum in other circles as well.

RCOM's GSM expansion to open ne w opportunities: We believe RCOM' s footprint expansion on the GSM technology would be positive for company's incremental growth. RCOM has been in the midst of an intense regulatory battle and has finally received startup GSM spectrum in 14 CDMA - only circles almost two years after its application for GSM spectrum under the UASL licence. RCOM already has significant scale (All India
subscriber share of $17.8 \%$ ), a pan-India distribution network, and is currently deploying huge capex in passive infrastructure to increase its tower base to $\sim 40,000$. We believe the GSM scale-up will provide RCOM an opportunity to target floating GSM subscriber base (given significant GSM churn), and further deepen its distribution (advantage of selling SIMs v/s handsets for new connections). RCOM has indicated a timeline of around one year from the date of spectrum allocation for its commercial launch. Key challenges for RCOM would be to maintain a dual network and limit cannibalization of its CDMA users.

## Aircel to become a pan-India GSM ope rator, Idea's footprint expands to $\mathbf{1 3}$ circles:

Aircel would now be able to scale-up its GSM footprint from current 8 circles to pan-India ( 22 circles). Idea Cellular would now have presence in 13 circles and is expected to launch operations in Mumbai and Bihar over the next 6-9 months.

Tata Teleservices gets in-principle nod for GSM: CDMA operator Tata Teleservices has also been given an in-principle approval for allotment of start-up GSM spectrum. We expect Tata Tele to receive spectrum before others (who have received LoIs) in the queue, as precedent has already been set by allocation to RCOM.

Other aspirants could be in for a long wait: The government recently issued as many as 121 LoIs for UASL across circles to nine applicants. If these players receive start-up spectrum, the number of operators could increase further by 4-7 in each circle.

Development had been widely expected; its back-to-basics for now: We believe that start-up spectrum allocation to awaiting licencees was widely expected by the market and has put to rest the long-drawn uncertainty over this key issue. Although competitive intensity in the market is set to increase, we note that all these rollouts would be done by existing operators either for their footprint expansion (Idea, Vodafone, Aircel) or alternate technology strategy (for RCOM). We believe that chances of new players entering into the sector in the short to medium term are currently low due to significant regulatory, market, and execution challenges. We now expect the focus to head back towards core operations as spectrum row has settled for the interim.

## Competitive intensity set to rise

With the entry of 1-3 GSM operators in all circles (except West Bengal) over the next one year, the competitive intensity in the GSM space is set to rise. The new entrants will not only eye incremental subscribers but also target existing subscribers of incumbents (current high churn rate of $\sim 4 \%$ per month in GSM provides enough opportunity). The competition could further increase once Mobile Number Portability (MNP) is introduced. The telecom regulator TRAI is currently working on detailed guidelines for MNP implementation. We expect MNP to be introduced in a phased manner starting from metros in H 2 CY 08 .

## Valuation and view

Momentum in subscriber additions continues to be strong, primarily driven by higher coverage and attractive tariffs. We expect strong near-term earnings momentum to shield against concerns on the regulatory front. We believe that ongoing value-unlocking initiatives, good response from new projects like DTH/IPTV/retail broadband, and news flow on international expansion/industry consolidation could be positive triggers while adverse regulatory environment and increase in competitive activity pose key risks. Valuations at $\sim 10.5-12 x$ FY09E EV/EBITDA and $\sim 8.5-10 \mathrm{x}$ FY10E EV/EBITDA are attractive.

Stock performance and valuations

STOCK PERFORMANCE (\%)

|  | ABSOLUTE PERF |  | REL PERF TO SENSEX |  | REL PERF TO SECTOR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 M | 1 YEAR | 3 M | 1 YEAR | 3 M | 1 YEAR |
| Telecom |  |  |  |  |  |  |
| Bharti Airtel | -12 | 9 | 7 | -18 | 7 | -8 |
| Reliance Communication | -27 | 28 | -8 | 1 | -8 | 11 |
| Idea Cellular | -21 | 15 | -2 | -12 | -2 | -2 |

RELATIVE PERFORMANCE - 3 MONTH (\%)



RELATIVE PERFORMANCE - 1 YEAR (\%)


COMPARATIVE VALUATION

|  | $\begin{array}{r} \hline \text { CMP (RS) } \\ 28.03 .08 \end{array}$ | RECO | EPS (RS) |  |  | P/E (X) |  |  | EV/EBITDA |  |  | ROE (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | FY08E | FY09E | FY10E | FY 08E | FY09E | FY10 | FY 08E | FY09E | FY10 | FY08E | FY09E | FY10 |
| Telecommunication |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bharti Airtel | 826 | Buy | 34.7 | 44.5 | 52.6 | 23.8 | 18.5 | 15.7 | 14.4 | 10.5 | 8.6 | 38.6 | 35.5 | 31.9 |
| Idea Cellular | 104 | Not Rated | 3.7 | 4.8 | 6.4 | 28.0 | 21.5 | 16.1 | 14.8 | 10.6 | 8.3 | 29.6 | 32.9 | 33.1 |
| Reliance Comm | 536 | Buy | 26.1 | 31.4 | 38.0 | 20.5 | 17.1 | 14.1 | 14.4 | 11.7 | 9.0 | 22.2 | 21.2 | 21.7 |
| Sector Aggregate |  |  |  |  |  | 22.8 | 18.2 | 15.1 | 14.4 | 11.0 | 8.7 | 26.5 | 26.1 | 25.2 |

# Bharti Airtel 

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 16,371 |
| :--- | ---: |
| BHARTI IN <br> REUTERS CODE |  |
| S\&P CNX: 4,942 | BRTI.BO |
| Equity Shares (m) | 1,896 |
| 52-Week Range (Rs) | $1,149 / 700$ |
| 1,6,12 Rel. Perf. (\%) | $6 /-7 /-18$ |
| M.Cap. (Rs b) | $1,565.1$ |
| M.Cap. (US\$ b) | 39.2 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs826 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES <br> (RS M) | $\begin{gathered} S \quad \begin{array}{c} \text { PAT } \\ \text { (RS M) } \end{array} \end{gathered}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | EPS GROWTH (\%) | $\begin{aligned} & \text { P/E } \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | Roe <br> (\%) | ROCE <br> (\%) | EV/ SALES | EVI EBITDA |
| 3/07A | 185,196 | 42,572 | 22.5 | 88.0 | 36.8 | 11.4 | 37.0 | 26.6 | 8.7 | 21.6 |
| 3/08E | 266,736 | 65,768 | 34.7 | 54.5 | 23.8 | 7.7 | 38.6 | 29.2 | 6.1 | 14.3 |
| 3/09E | 345,126 | 84,422 | 44.5 | 28.4 | 18.5 | 5.7 | 35.5 | 29.1 | 4.6 | 10.4 |
| 3/10E | 408,976 | 99,703 | 52.6 | 18.1 | 15.7 | 4.4 | 31.9 | 27.5 | 3.9 | 8.7 |

\& We expect revenue to grow $38 \% \mathrm{YoY}$ and $7 \% \mathrm{QoQ}$, driven by healthy mobile subscriber additions.
\& EBITDA margin is expected to expand 20 basis points QoQ to $42.7 \%$ on the back of modest margin accretions in B\&T and long-distance segments. We expect an overall EBITDA growth of $42 \%$ YoY and $8 \%$ QoQ.

* Mobility revenues are expected to grow $8 \%$ QoQ, implying an ARPU decline of $\sim 4 \%$ to Rs343. EBITDA margin for mobile telephony business is expected to remain stable.
*. Net profit is expected to grow $31 \%$ YoY and $0.4 \%$ QoQ to Rs17.6b. QoQ earnings growth will remain subdued due to higher finance cost from likely derivative and exchange fluctuation losses on rupee depreciation against the US dollar. We have factored in a Rs0.5b derivative loss due to forex fluctuation in 4 QFY 08 . There was a gain of 24 m in 3QFY08.
\& Bharti is expected to report results for its tower subsidiary Bharti Infratel separately in Q4FY08 numbers. The results of Indus Towers ( $42 \%$ stake) will not be consolidated but will likely be accounted as profit/loss from associate.
\& The stock is currently trading at $10.4 x$ FY09E EV/EBITDA and $18.5 x$ FY09E earnings. We expect Bharti to maintain its leadership in the mobility markets, while continuing to invest aggressively. Maintain Buy.

| ARTERLY P |  |  |  |  |  |  |  |  |  | S MILLIO |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 10 | 2 Q | 30 | 4QE |  |  |
| Gross Revenue | 38,564 | 43,571 | 49,129 | 53,932 | 59,046 | 63,374 | 69,639 | 74,677 | 185,196 | 266,736 |
| YoY Growth (\%) | 53.2 | 60.8 | 62.4 | 58.1 | 53.1 | 45.4 | 41.7 | 38.5 | 58.8 | 44.0 |
| QoQ Growth (\%) | 13.0 | 13.0 | 12.8 | 9.8 | 9.5 | 7.3 | 9.9 | 7.2 |  |  |
| Net Revenue | 31,952 | 36,381 | 40,887 | 44,597 | 49,975 | 54,057 | 59,215 | 74,677 | 153,817 | 237,924 |
| Total Operating Expenses | 16,931 | 19,356 | 20,832 | 22,189 | 25,509 | 26,960 | 29,581 | 42,753 | 79,309 | 124,805 |
| EBITDA | 15,021 | 17,025 | 20,055 | 22,408 | 24,466 | 27,097 | 29,634 | 31,924 | 74,508 | 113,119 |
| Margin (\%) | 39.0 | 39.1 | 40.8 | 41.5 | 41.4 | 42.8 | 42.6 | 42.7 | 40.2 | 42.4 |
| Net Finance Costs | 1,691 | 587 | -1,318 | 477 | -1,752 | 1,126 | 810 | 1,423 | 1,438 | 1,607 |
| Cash Profit from Operations | 13,330 | 16,438 | 21,373 | 21,931 | 26,218 | 25,971 | 28,824 | 30,501 | 73,070 | 111,512 |
| Depreciation \& Amortisation | 4,972 | 5,926 | 7,072 | 7,239 | 8,120 | 9,062 | 10,377 | 11,069 | 25,208 | 38,628 |
| Profit before Tax | 8,599 | 10,782 | 14,412 | 15,068 | 18,901 | 17,472 | 19,033 | 19,862 | 48,861 | 75,264 |
| Income Tax Expense / (Income) | 952 | 1,378 | 2,139 | 1,353 | 3,594 | 1,135 | 1,564 | 2,383 | 5,822 | 8,676 |
| P/L to Minority Shareholders | 96 | 66 | 122 | 184 | 191 | 197 | 244 | 190 | 468 | 822 |
| Reported Net Profit / (Loss) | 7,551 | 9,338 | 12,151 | 13,531 | 15,116 | 16,139 | 17,224 | 17,288 | 42,571 | 64,420 |
| QoQ Growth (\%) | 10.7 | 23.7 | 30.1 | 11.4 | 11.7 | 6.8 | 6.7 | 0.4 | 88.5 | 51.3 |

E: MOSt Estimates; Financials as per US GAAP

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| STOCK INFO. BLOOMBERG <br> BSE Sensex: 16,371 IDEA IN <br> REUTERS CODE <br> S\&P CNX: 4,942 IDEA.BO |  |
| :--- | ---: |
| Equity Shares (m) | $2,635.4$ |
| 52-Week Range (Rs) | $161 / 89$ |
| 1,6,12 Rel. Perf. (\%) | $0 /-12 /-12$ |
| M.Cap. (Rs b) | 273.4 |
| M.Cap. (US\$ b) | 6.9 |

28 March 2008

| Rs104 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| YEAR | NET SALES (RS M) | PAT (RS M) | EPS (RS) | EPS | P/E | P/BV | ROE | Roce (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ |  |
| 3/07A | 43,664 | 5,032 | 2.2 | 137.6 | 46.6 | 7.0 | 25.2 | 11.7 | 6.8 | 20.4 |
| 3/08E | 66,164 | 9,762 | 3.7 | 66.7 | 28.0 | 8.4 | 29.6 | 13.5 | 4.9 | 14.8 |
| 3/09E | 89,710 | 12,713 | 4.8 | 30.0 | 21.5 | 6.1 | 32.9 | 15.3 | 3.8 | 10.6 |
| 3/10E | 112,175 | 16,990 | 6.4 | 33.6 | 16.1 | 4.8 | 33.1 | 17.2 | 3.0 | 8.3 |

\& We expect revenue to grow $43 \%$ YoY and $9 \%$ QoQ, driven by sustained subscriber additions.
\& We expect ARPU decline of $\sim 3 \%$ in 4 QFY 08 . MOU is expected to exhibit elasticity driven by tariff cuts taken during the quarter.
\& EBITDA margin is likely to decline $\sim 20$ bp to $33 \%$, led by likely margin pressure in 8 established circles on continued higher network costs while EBITDA losses in the 3 newly-launched circles are expected to climb down further.
\& Net profit is expected to remain muted with an expected growth of $9 \%$ YoY and a decline of $11 \%$ QoQ. While EBITDA growth would remain robust at $\sim 41 \% \mathrm{YoY}$ and $9 \%$ QoQ, continued aggressive network rollout would result in higher depreciation cost ( $+43 \%$ YoY and $10 \%$ QoQ).
\& Finance cost is also likely to increase sharply by $56 \%$ QoQ led by 1) higher net debt on continued aggressive capex and $\sim$ Rs 7 b outlay as licence fee for 9 circles 2 ) lower treasury income on further utilization of IPO funds and likely forex losses due to rupee depreciation against the US dollar.
\& The stock is currently trading at 10.6x FY09E EV/EBITDA and 21.5x FY09E earnings. We currentlydo not have rating on the stock.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3 Q | 4QE |  |  |
| Gross Revenue | 9,002 | 10,096 | 11,482 | 13,085 | 14,773 | 15,622 | 17,081 | 18,688 | 43,664 | 66,164 |
| YoY Growth (\%) |  |  |  |  | 64.1 | 54.7 | 48.8 | 42.8 | 47.2 | 51.5 |
| QoQ Growth (\%) |  | 12.1 | 13.7 | 14.0 | 12.9 | 5.7 | 9.3 | 9.4 |  |  |
| Total Operating Expenses | 5,982 | 6,548 | 7,776 | 8,722 | 9,645 | 10,515 | 11,407 | 12,523 | 29,028 | 44,094 |
| EBITDA | 3,020 | 3,548 | 3,706 | 4,363 | 5,128 | 5,107 | 5,674 | 6,165 | 14,636 | 22,070 |
| QoQ Growth (\%) |  | 17.5 | 4.4 | 17.7 | 17.5 | -0.4 | 11.1 | 8.6 |  |  |
| Margin (\%) | 33.5 | 35.1 | 32.3 | 33.3 | 34.7 | 32.7 | 33.2 | 33.0 | 33.5 | 33.4 |
| Net Finance Costs | 721 | 790 | 806 | 975 | 143 | 641 | 782 | 1,217 | 3,292 | 2,783 |
| Cash Profit from Operations | 2,299 | 2,758 | 2,900 | 3,388 | 4,985 | 4,466 | 4,892 | 4,947 | 11,344 | 19,287 |
| Non-Operating Income | 20 | 51 | 68 | 326 | 3 | 21 | 22 | 19 | 465 | 65 |
| Depreciation \& Amortisation | 1,456 | 1,700 | 1,800 | 1,761 | 1,887 | 2,007 | 2,277 | 2,515 | 6,718 | 8,686 |
| Profit before Tax | 863 | 1,108 | 1,168 | 1,953 | 3,101 | 2,480 | 2,637 | 2,451 | 5,091 | 10,665 |
| Income Tax Expense / (Income) | 4 | 6 | 31 | 19 | 16 | 277 | 268 | 343 | 60 | 904 |
| Adjusted Net Profit / (Loss) | 859 | 1,102 | 1,137 | 1,934 | 3,085 | 2,203 | 2,369 | 2,108 | 5,032 | 9,762 |
| QoQ Growth (\%) |  | 28.2 | 3.2 | 70.1 | 59.5 | -28.6 | 7.5 | -11.0 |  |  |

[^23]
# Reliance Communication 

| STOCK INFO. BLOOMBERG <br> BSE Sensex: 16,371 RCOM IN |
| :--- | ---: |
| R\&P CNX: 4,942 RLCM.BO <br> Equity Shares (m) $2,045.0$ <br> 52-Week Range (Rs) $844 / 389$ <br> 1,6,12 Rel. Perf. (\%) $0 /-3 / 1$ <br> M.Cap. (Rs b) $1,096.9$ <br> M.Cap. (US\$ b) 27.5 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Buy } \\ & \text { Rs536 } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | Pat | EpS | Ps | PE | Priv | RoE | Roce | Ev/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | ROWTH (\%) | (X) | (X) | (\%) | (\%) | SALE | EBITdA |
| 3/07A | 144,684 | 4,813 | 15.6 | 564 | 34.3 | 5.4 | 19.9 | 11.1 | 7.7 | 19.5 |
| 3/08E | 190,677 | 53,392 | 26.1 | 67 | 20.5 | 4.0 | 22.2 | 12.1 | 6.2 | 14.4 |
| 3/09E | 256,650 | 64,175 | 31.4 | 20 | 17.1 | 3.4 | 21.2 | 11.5 | 5.1 | 11.7 |
| 3/10E | 316,707 | 77,747 | 38.0 | 21 | 14.1 | 2.8 | 21.7 | 11.8 | 4.4 | 9.8 |

\& We expect revenues to grow $35 \%$ YoY and $9 \%$ QoQ, driven by healthy growth across all the three segments. The results of the acquired ethernet based service provider Yipes would be consolidated as a part of Global segment. Yipes has an EBITDA margin of $\sim 10 \%$ and annualized revenues of $\sim$ US\$ 100 m .

* We expect wireless ARPU to decline by $\sim 4 \%$ QoQ to Rs326. While RPM is expected to decline by $\sim 5 \%$ QoQ led by tariff cuts undertaken during the quarter, we expect MOU trend to reverse and witness elasticity.
\& Overall EBITDA margins are expected to decline by $\sim 20 \mathrm{bps}$ QoQ led by flat wireless margins but lower margins in the global business (due to consolidation of Yipes).
\& Recurring net profit for the company is expected to growby $35 \%$ YoY but remain flat QoQ. The YoY growth reflects strong top line growth accompanied with EBITDA margin expansion while QoQ growth will be adversely impacted by likely forex losses from rupee depreciation against the US dollar. We are modeling for NIL net finance charges in 4QFY08 v/s gain of Rs1.5b in 3QFY08.
es The stock is currently trading at 11.7x FY09E EV/EBITDA and 17.1x FY09E earnings. Maintain Buy.

| QUARTERLY PERFORMANCE (CO |  |  |  |  | (RS MILLION |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 O | 30 | 4 Q | 10 | 2 O | 30 | 4QE |  |  |
| Gross Revenue | 32,501 | 35,260 | 37,554 | 39,369 | 43,037 | 45,785 | 48,742 | 53,113 | 144,684 | 190,677 |
| YoY Growth (\%) | 42.4 | 39.8 | 25.6 | 32.5 | 32.4 | 29.8 | 29.8 | 34.9 | 34.4 | 31.8 |
| QoQ Growth (\%) | 9.4 | 8.5 | 6.5 | 4.8 | 9.3 | 6.4 | 6.5 | 9.0 |  |  |
| Total Operating Expenses | 20,440 | 21,736 | 22,283 | 23,017 | 24,895 | 26,166 | 27,677 | 30,250 | 87,479 | 108,992 |
| EBITDA | 12,062 | 13,524 | 15,271 | 16,352 | 18,142 | 19,618 | 21,065 | 22,863 | 57,205 | 81,685 |
| Margin (\%) | 37.1 | 38.4 | 40.7 | 41.5 | 42.2 | 42.8 | 43.2 | 43.0 | 39.5 | 42.8 |
| Net Finance Costs | 999 | 53 | -657 | -391 | -1,274 | -1,125 | -1,518 | 0 | 4 | -3,917 |
| Cash Profit from Operations | 11,063 | 13,471 | 15,927 | 16,743 | 19,416 | 20,743 | 22,583 | 22,863 | 57,200 | 85,602 |
| Depreciation \& Amortisation | 5,514 | 6,237 | 6,524 | 6,378 | 6,192 | 6,754 | 7,252 | 7,523 | 24,653 | 27,721 |
| Profit before Tax | 5,549 | 7,234 | 9,404 | 10,365 | 13,224 | 13,989 | 15,331 | 15,340 | 32,548 | 57,881 |
| Income Tax Expense / (Income) | 272 | 61 | 130 | 148 | 1,031 | 698 | 1,379 | 1,381 | 611 | 4,489 |
| Adjusted Net Profit / (Loss) | 5,277 | 7,173 | 9,274 | 10,217 | 12,193 | 13,291 | 13,952 | 13,960 | 31,937 | 53,392 |
| QoQ Growth (\%) | 19.2 | 35.9 | 29.3 | 10.2 | 19.3 | 9.0 | 5.0 | 0.1 |  |  |
| Margin (\%) | 16.2 | 20.3 | 24.7 | 26.0 | 28.3 | 29.0 | 28.6 | 26.3 | 22.1 | 28.0 |
| Extraordinary Expen./Minority Int. | 150 | 150 | 30 | -27 | -15 | 245 | 223 | 223 | 303 | 676 |
| Reported Net Profit / (Loss) | 5,127 | 7,023 | 9,244 | 10,244 | 12,208 | 13,046 | 13,729 | 13,737 | 31,634 | 52,716 |

E: MOSt Estimates; Financials as per US GAAP

| BSE Sensex: 16,371 | S\&P |
| :--- | :---: |
| COMPANY NAME PG. <br> Alok Industries 270 <br> Arvind Mills 271 <br> Gokaldas Exports 272 <br> Himatsingka Seide 273 <br> Raymond 274 <br> Vardhman Textiles 275 <br> Welspun India 276 |  |

## Indian textiles continue to reel under pressure

The Indian textile industry continues to reel under pressure from rising rupee and higher cotton prices. The sector growth, which had slowed down to $7 \%$ in FY07 from $25 \%$ in FY06, is expected to fall further in FY08. During 1QFY08, Indian textile exports were down $3.3 \%$ YoY. The worst hit export segment has been the Readymade Garments (RMG), which accounts for almost $43 \%$ of the total exports from India.

| INDIAN TEXTILE EXPORTS BREAK -UP (US $\$$ B) |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
|  | FY05 | FY06 | FY07 | FY07 SHARE (\%) |
| RMG | 6.0 | 8.0 | 8.1 | 43.1 |
| Cotton Textiles | 3.5 | 4.6 | 5.5 | 29.3 |
| Woolen Textiles | 0.4 | 0.5 | 0.4 | 2.4 |
| Man made Textiles | 2.1 | 2.0 | 2.4 | 12.6 |
| Silk | 0.6 | 0.7 | 0.7 | 3.7 |
| Handicrafts | 1.0 | 1.3 | 1.3 | 6.7 |
| Coir Manufacturers | 0.1 | 0.1 | 0.2 | 0.8 |
| Jute Goods | 0.3 | 0.3 | 0.3 | 1.4 |
| Grand Total | $\mathbf{1 4 . 5}$ | $\mathbf{1 7 . 0}$ | $\mathbf{1 8 . 7}$ | $\mathbf{1 0 0 . 0}$ |
| \% Change |  |  | $\mathbf{7 . 0}$ |  |

## Textile companies striving to remain competitive

Indian textile companies have been taking steps to cope with the rising rupee and remain competitive in the exports markets: (1) Shifting focus to European countries, (2) increasing focus on innovations, (3) accepting orders only in euros, and (4) sourcing raw material and machineries from US, etc.


## Surge in Chinese exports to EU seen in 1HCY08

We expect garment exports from China to EU to surge due to lifting of quotas on textile exports (key categories) in CY08. However, under the WTO rules, EU retains the right to reimpose quotas on Chinese exports until the end of 2008. Hence, a surge in Chinese exports could lead to reimposition of quotas on China till December 2008.

## Removal of trade restrictions on China poses threat for Indian textiles

We believe the removal of quota restrictions on China would be particularly negative for India (as compared to competitors such as Pakistan, Bangladesh and Sri Lanka) due to the sharp appreciation of the Indian rupee against the USdollar. Though there is a possibility of reimposition of quotas on China for a year by mid-CY08 (in case of any major upsurge in Chinese textile exports to EU), this would only be a temporary reprieve for the Indian textile industry, as the US quota on Chinese exports would be lifted from CY09, which would again exert severe price pressure on the Indian textile industry.

| RESTRICTION ON CHINA BY EU-25: GROWTH RATES IN KEY CATEGORIES (\%) |  |  |  |
| :--- | :---: | ---: | ---: |
|  | CYO5 | CY06 | CY07 |
| Jersey and Pullovers | 8 | 10 | 10 |
| Men's and Boy's Bottomwear | 8 | 10 | 10 |
| Women and Girl' s Shirt/Blouses | 8 | 10 | 10 |
| T-Shirts and Vests | 10 | 10 | 10 |
| Women' s and Girl' s Dresses | 10 | 10 | 10 |


| Restriction on China by usa: Growth rates in key categories (\%) |  |  |  |
| :--- | :---: | :---: | :---: |
|  |  |  |  |
| Grow th Rate Cap | 2006 | 2007 |  |
| Men' and Boys' Cotton Knit Shirts |  |  | 2008 |
| Men' and Boys' MMF Knit Shirts | 10 | 12.5 | 15 |
| Women' and Girls' Cotton Knit Shirts/Blouses | 10 | 12.5 | 15 |
| Women' and Girls' MMF Knit Shirts/Blouses | 10 | 12.5 | 15 |
| Men's and Boys' Cotton Woven Shirts | 10 | 12.5 | 15 |
| Men' s and Boys' MMF Woven Shirts | 10 | 12.5 | 15 |
| Men's and Boys' Cotton Bottom-wear | 10 | 12.5 | 15 |
| Women' s and Girls' Cotton Bottom-wear | 10 | 12.5 | 15 |
| Cotton Bras | 10 | 12.5 | 15 |
| MMF Bras | 10 | 12.5 | 15 |
| Cotton Underwear | 10 | 12.5 | 15 |
| MMF Underwear | 10 | 12.5 | 15 |
| Sweaters | 10 | 12.5 | 15 |

[^24]
## Trade shift to developing countries slower than anticipated

World textile trade was expected to shift from the artificially protected developed countries to the low-cost developing countries in the post quota era. Though the initial trade data in the post-quota period confirms the above prognosis, the pace of trade shift has been substantially slower than anticipated due to: (1) tariff differentials, (2) preferential agreements, (3) reimposition of quotas on China by the US and EU, and (4) transition time required by large buyers. Going forward, though tariff differentials and preferential agreements may continue to be a deterrent to growth, we expect trade shifts to accelerate as a result of aggressive outsourcing ramp-up by global retailers from key sourcing countries such as India.

## Textile players shift focus from exports to domestic markets

A clear trend seems to be emerging in the domestic textile industry, wherein players are shifting their focus from the export market to the domestic market. This shift in strategy has been driven by two key factors. Firstly, the export market has become less attractive due to the appreciating rupee, raw material and labor cost-push and the relative competitive advantage enjoyed by neighboring countries. Secondly, domestic market has become extremely attractive, on the back of rising per capita income and emergence of organized retail. This has resulted in large companies such as Arvind, Raymond, Alok etc trying to forward integrate into branding and retail.

## Domestic RMG market to emerge as a big opportunity

CRISIL estimates RMG market to grow at a CAGR of $14.4 \%$, over FY06-FY11, to US\$50.4b in FY11 from around US\$25.8b in FY06. CRISIL estimates the domestic RMG market to grow at a CAGR of $12.6 \%$ to US\$32b in FY11 from around US\$ 17.7 b in FY06. This growth will primarily be led by increasing income levels and a shift in consumption pattern from tailored to readymade garments. We believe with the consolidation of retail industry in India, the domestic RMG market would present a big opportunity for the Indian garment manufacturers.



Source: CRISIL

## Valuations

Most of the textile companies have expanded and modernized their capacities to reach critical size. Consequently, due to their modern plans and global capacities, they have also managed to attract large international institutional buyers with whom they now have established strategic relationships. This has allowed them to move their business from being a transitional-based model to a strategic vendor-based relationship model. At the same time, their financials are extremely healthy, as they have resorted to substantial withdrawals from the subsidized TUF scheme. Further, there is no immediate concern of large dilutions, as most companies have already completed a substantial portion of their capex plans. We maintain our Neutral rating on Arvind, Gokaldas, Welspun, Raymond and Himatsingka Seide. We remain bullish on Vardhman Textiles and Alok Textiles.

Stock performance and valuations

|  | ABSOLUTE PERF |  | ReL Perf to sensex |  | REL PERF TO SECTOR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 M | 1 YEAR | 3 M | 1 YEAR | 3 M | 1 YEAR |
| Textiles |  |  |  |  |  |  |
| Alok Industries | -43 | 4 | -24 | -23 | -3 | 25 |
| Arvind Mills | -57 | -13 | -38 | -40 | -17 | 8 |
| Gokaldas Exports | -29 | -21 | -10 | -48 | 11 | 0 |
| Himatsingka Seide | -37 | -45 | -18 | -72 | 3 | -24 |
| Raymond | -30 | -10 | -11 | -37 | 10 | 11 |
| Vardhman Texiles | -37 | -46 | -18 | -73 | 3 | -25 |
| Welspun Industries | -57 | -37 | -38 | -65 | -17 | -16 |

RELATIVE PERFORMANCE - 3 MONTH (\%)

|  | $\begin{array}{r} \hline \text { CMP (RS) } \\ 28.03 .08 \end{array}$ | RECO | EPS (RS) |  |  | P/E (X) |  |  | EV/EBITDA |  |  | ROE (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | FY08E | FY 09E | FY10E | FY08E | FY09E | FY10E | FY08E | FY09E | FY 10E | FY08E | FY09E | FY10E |
| Textiles |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Alok Ind | 59 | Buy | 7.8 | 10.3 | 13.4 | 7.6 | 5.7 | 4.4 | 9.4 | 8.5 | 7.3 | 11.7 | 13.8 | 15.6 |
| Arvind Mills | 39 | Neutral | 1.2 | 4.0 | 6.8 | 33.2 | 9.6 | 5.7 | 9.2 | 7.2 | 5.6 | 1.5 | 5.1 | 8.0 |
| Gokaldas Exports | 184 | Neutral | 16.1 | 23.5 | 26.2 | 11.4 | 7.8 | 7.0 | 8.8 | 6.1 | 5.3 | 13.1 | 16.9 | 16.3 |
| Himatsingka Seide | 64 | Neutral | 6.7 | 11.4 | 12.2 | 9.6 | 5.6 | 5.2 | 6.7 | 4.1 | 3.6 | 10.4 | 16.3 | 15.6 |
| Raymond | 302 | Neutral | 10.6 | 27.9 | 31.0 | 28.5 | 10.8 | 9.7 | 10.6 | 5.2 | 4.7 | 4.5 | 11.4 | 11.6 |
| Vardhman Textiles | 106 | Buy | 19.7 | 24.9 | 38.8 | 5.4 | 4.3 | 2.7 | 9.2 | 6.8 | 5.7 | 10.8 | 12.4 | 17.1 |
| Welspun Ind | 44 | Neutral | 4.1 | 12.8 | 15.3 | 10.8 | 3.4 | 2.9 | 9.7 | 5.8 | 5.4 | 5.1 | 14.7 | 15.5 |
| Sector Aggregate |  |  |  |  |  | 11.7 | 6.7 | 5.2 | 9.3 | 6.8 | 5.8 | 7.1 | 11.3 | 13.0 |


| STOCK INFO.  <br> BSE Sensex: 16,371 BLOOMBERG <br> ALOK IN <br> REUTERS CODE  |  |
| :--- | ---: |
| S\&P CNX: 4,942 | ALOK.BO |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs59 |
| YEAR | NET SALES | PAT | EPS* | EPS | P/E | P/BV | RoE | Roce | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 3/07A | 18,290 | 1,419 | 8.3 | 32.7 | 7.1 | 1.0 | 17.1 | 6.6 | 1.9 | 8.5 |
| 3/08E | 20,897 | 1,548 | 7.8 | 9.1 | 7.7 | 0.9 | 11.7 | 6.6 | 2.2 | 9.1 |
| 3/09E | 27,334 | 2,049 | 10.3 | 32.4 | 7.0 | 0.8 | 13.8 | 7.3 | 2.1 | 8.9 |
| 3/10E | 35,220 | 2,678 | 13.4 | 30.7 | 4.4 | 0.7 | 15.6 | 8.4 | 1.7 | 7.3 |

* For 4 QFY 08 , we expect Alok to post revenue of Rs6.5b, up $14.1 \%$ YoY, aided by higher capacities across all textile segments. We expect value added sales to increase from $21 \%$ of total sales in FY07 to $36 \%$ of total sales in FY09.
\& EBITDA margin is likely to be $23 \%$, led by higher sales from value added segments.
* In FY08, Alok announced several new initiatives, which include foray into real estate business and increased focus on the retail business.
25 The management has drawn up restructuring plans, which include creating dedicated verticals for the textile and retail businesses.
\& The company has ambitious expansion plans for its domestic retail business, which entails introducing international brands in India and opening $\sim 500 \mathrm{H} \& A$ retail outlets over the next three years. Post restructuring, we expect Alok to emerge as a large retail play.
* Alok is trading at attractive valuations of 7.6x FY08E EPS of Rs9.3 and 5.7x FY09E EPS of Rs10.3. We believe the real estate vertical could lead to value creation of $\sim$ Rs $36 /$ share. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Sales | 3,579 | 4,172 | 4,799 | 5,741 | 4,189 | 4,648 | 5,508 | 6,552 | 18,290 | 20,897 |
| Change (\%) | 19.6 | 20.8 | 31.0 | 40.8 | 17.1 | 11.4 | 14.8 | 14.1 | 28.9 | 14.2 |
| Total Expenditure | 2,772 | 3,204 | 3,726 | 4,420 | 3,173 | 3,562 | 4,160 | 5,043 | 14,123 | 15,939 |
| EBITDA | 806 | 968 | 1,073 | 1,321 | 1,016 | 1,086 | 1,348 | 1,509 | 4,168 | 4,958 |
| Change (\%) | 37.1 | 36.7 | 32.5 | 50.8 | 26.0 | 12.3 | 25.6 | 14.3 | 40.7 | 19.0 |
| As \% of Sales | 22.5 | 23.2 | 22.4 | 23.0 | 24.2 | 23.4 | 24.5 | 23.0 | 22.8 | 23.7 |
| Depreciation | 246 | 280 | 325 | 354 | 358 | 364 | 434 | 444 | 1,205 | 1,599 |
| Interest | 170 | 213 | 242 | 269 | 270 | 283 | 295 | 466 | 893 | 1,314 |
| Other Income | -4 | -16 | 32 | 19 | 2 | 139 | 89 | 36 | 32 | 265 |
| Non Recurring Expense | 0 | 0 | 0 | 334 | 396 | 0 | 0 | 0 | 334 | 396 |
| PBT | 386 | 459 | 539 | 1,051 | 785 | 579 | 707 | 635 | 2,435 | 2,705 |
| Tax | 117 | 132 | 168 | 265 | 235 | 149 | 219 | 160 | 682 | 762 |
| Effective Tax Rate (\%) | 28.2 | 28.9 | 31.2 | 25.2 | 30.0 | 29.0 | 32.5 | 25.2 | 28.0 | 33.0 |
| Repoted PAT | 269 | 326 | 371 | 787 | 550 | 430 | 488 | 475 | 1,753 | 1,943 |
| Change (\%) | 31.0 | 28.1 | 25.7 | 139.4 | 104.3 | 31.8 | 31.7 | -39.6 | 61.8 | 10.8 |
| Adj. PAT | 269 | 326 | 371 | 452 | 285 | 430 | 488 | 475 | 1,419 | 1,548 |
| Change (\%) | 31.0 | 28.1 | 25.7 | 30.4 | 5.9 | 31.8 | 31.7 | 5.0 | 30.9 | 9.1 |

E: MOSt Estimates

| STOCK INFO. BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | ARVND IN |
|  | reuters code |
| S\&P CNX: 4,942 AR | Mi.BO |
| Equity Shares (m) | 209.4 |
| 52-Week Range (Rs) | 94/34 |
| 1,6,12 Rel.Per. (\%) | -16/-32/-40 |
| M.Cap (Rs b) | 8.1 |
| M.Cap (US\$ b) | 0.2 |

28 March 2008
Neutral

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs39 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | net sales (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{aligned} & \text { P/E } \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | RoE (\%) | Roce <br> (\%) | $\begin{aligned} & \text { EV/ } \\ & \text { SALES } \end{aligned}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 18,449 | 1,196 | 0.8 | -6.0 | 46.1 | 0.5 | 1.1 | 8.2 | 1.4 | 8.6 |
| 3/08E | 21,965 | 244 | 1.2 | 38.9 | 33.2 | 0.5 | 1.5 | 4.6 | 1.2 | 9.2 |
| 3/09E | 25,243 | 845 | 4.0 | 246.0 | 9.6 | 0.5 | 5.1 | 7.1 | 1.0 | 7.2 |
| 3/10E | 31,985 | 1,421 | 6.8 | 68.1 | 5.7 | 0.4 | 8.0 | 9.3 | 0.8 | 5.6 |

\& For 4 QFY 08 , we expect Arvind to record revenue growth of $21.2 \%$ YoY to Rs5.8b, primarily driven by higher garment sales. However, 4QFY08 results are not comparable on a YoY basis, as the result for the quarter under consideration includes revenues from the merged Arvind Brands.
8 EBITDA margin is likely to decline 180 bp YoY to $12.1 \% \mathrm{v} / \mathrm{s} 13.9 \%$ in 4QFY07. EBITDA margin is likely to continue to be under pressure due to increasing raw material prices and rising energy costs.
\& During 4QFY08, the denim scenario improved in the international markets. However, the domestic market continues to be plagued by a huge overcapacity situation. We do not expect domestic demand-supply equilibrium in the denim sector to emerge in the near-to-medium term. Hence, we expect pressure on denim margins.

* We expect Arvind to record brand/retail sales of Rs3.8b in FY08 ( $\sim 180$ stores in FY08; to increase to $\sim 250$ by FY09). It owns brands such as Newport, Excalibur, Flying Machine, Ruf and Tuf, reatil hypermarket chain 'Megamart' and has perpetual licensee agreement with international apparel brands such as Arrow, Tommy Hilfiger, Diesel, Polo and Cherokee.
* Arvind is currently working on restructuring plans, which could include relocating a part of its commodity grade denim capacity to other countries and increasing its focus on branded apparel and garment manufacturing.
\& The stock is trading at $33.2 x$ FY08E and 9.6x FY09E earnings. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 O | 30 | 4Q | 10 | 20 | 30 | 4QE |  |  |
| Sales | 4,208 | 4,931 | 4,479 | 4,831 | 5,103 | 5,637 | 5,368 | 5,856 | 18,449 | 21,965 |
| Change (\%) | 0.1 | 15.2 | 14.8 | 35.0 | 21.3 | 14.3 | 19.9 | 21.2 | 15.6 | 19.1 |
| Total Expenditure | 3,376 | 4,094 | 3,769 | 4,159 | 4,382 | 4,854 | 4,750 | 5,146 | 15,398 | 19,131 |
| EBITDA | 832 | 837 | 710 | 672 | 721 | 783 | 619 | 710 | 3,051 | 2,834 |
| Change (\%) | -27.6 | -21.2 | -22.7 | -22.1 | -13.3 | -6.4 | -12.8 | 5.6 | -23.6 | -7.1 |
| As \% of Sales | 19.8 | 17.0 | 15.8 | 13.9 | 14.1 | 13.9 | 11.5 | 12.1 | 16.5 | 12.9 |
| Depreciation | 404 | 380 | 347 | 302 | 355 | 351 | 352 | 365 | 1,434 | 1,423 |
| Interest | 373 | 407 | 399 | 407 | 438 | 337 | 268 | 279 | 1,579 | 1,322 |
| Other Income | 53 | 2 | 27 | 81 | 52 | 17 | 73 | 34 | 163 | 175 |
| Non Recurring Expense | -56 | 0 | 1,068 | 15 | 83 | 0 | -8 | 0 | 1,020 | 75 |
| PBT | 52 | 51 | 1,058 | 58 | 63 | 112 | 63 | 100 | 1,220 | 338 |
| Tax | 6 | 4 | 10 | 4 | 5 | 7 | 6 | 4 | 24 | 19 |
| Effective Tax Rate (\%) | 11.3 | 8.0 | 1.0 | 7.2 | 5.0 | 5.0 | 5.0 | 4.0 | 2.0 | 5.6 |
| Reported PAT | 46 | 47 | 1,048 | 54 | 58 | 105 | 57 | 96 | 1,196 | 319 |
| Adj. PAT | 103 | 47 | -20 | 39 | -24 | 105 | 65 | 96 | 176 | 170 |
| Change (\%) | -77.2 | -87.3 | -108.5 | -81.6 | -123.9 | 121.5 | 427.8 | 142.8 | -86.2 | -3.4 |

E: MOSt Estimates, * Restated Quarterly Numbers
Siddharth Bothra (Sbothra@MotilalOswal.com); Tel: +91 2239825407

# Gokaldas Exports 

| STOCK INFO. <br> BSE Sensex: 16,371 | BLOOMBERG <br> GOKL IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 4,942 | GOKL.BO |$\quad$| Equity Shares (m) | 34.4 |
| :--- | ---: |
| 52-Week Range (Rs) | $299 / 160$ |
| 1,6,12 Rel.Per. (\%) | $-12 /-21 /-48$ |
| M.Cap (Rs. b) | 6.3 |
| M.Cap (US\$ b) | 0.2 |


| 28 March 2008 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs184 |
| Year | net sales | PAT | EPS | EPS | P/E | P/BV | roe | Roce | EV/ | Ev/ |
| end | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | ebitda |
| 3/07A | 10,344 | 703 | 17.7 | 15.6 | 9.0 | 1.6 | 18.9 | 15.7 | 0.8 | 7.0 |
| 3/08E | 11,704 | 554 | 16.1 | -21.1 | 11.4 | 1.4 | 13.1 | 10.1 | 0.7 | 8.8 |
| 3/09E | 12,957 | 809 | 23.5 | 46.0 | 7.8 | 1.2 | 16.9 | 14.7 | 0.7 | 6.1 |
| 3/10E | 14,378 | 900 | 26.2 | 11.2 | 7.0 | 1.1 | 16.3 | 15.2 | 0.6 | 5.3 |

25 We expect revenue to increase $9.4 \%$ YoY in 4 QFY 08 to Rs 3 b , primarily aided by rise in volumes. Revenue growth would have been higher but for the sharp rupee appreciation by $9-11 \%$. Almost $92 \%$ of Gokaldas revenues are derived from exports.
2. We expect EBITDA margin to decline 306bp YoY to $10.2 \%$ as a result of the sharp rupee appreciation against the US dollar.
2. We expect PAT to decline 9.5\% YoY to Rs164m v/s Rs181m in 4QFY07.

2 During 2QFY08, the promoters of Gokaldas sold $50.1 \%$ stake in the company to Balckstone FP Capital Partners (Mauritius) at a price of Rs275/sh. Post this transaction, Blackstone would further make an open offer for another $20 \%$ of the equity capital from existing shareholders, implying a total investment of US\$165m.

2 We expect the company to register revenue CAGR of $11.4 \%$ and profit CAGR of $8.6 \%$ over FY07-FY10. The stock is trading at 11.4 x FY08E and 7.8 x FY09E earnings. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | $3 Q$ | 4 Q | 19 | 2 Q | 30 | 4QE |  |  |
| Sales | 2,216 | 2,810 | 2,553 | 2,766 | 2,619 | 2,499 | 2,811 | 3,024 | 10,344 | 10,954 |
| Change (\%) | 23.8 | 13.7 | 16.4 | 15.7 | 18.2 | -11.1 | 10.1 | 9.4 | 17.0 | 5.9 |
| Total Expenditure | 1,991 | 2,494 | 2,263 | 2,398 | 2,410 | 2,274 | 2,558 | 2,715 | 9,146 | 9,957 |
| EBITDA | 225 | 316 | 290 | 367 | 209 | 225 | 253 | 309 | 1,198 | 997 |
| Change (\%) | 26 | 19 | 21 | 33 | -7 | -29 | -13 | -16 | 25 | -16.8 |
| As \% of Sales | 10.2 | 11.2 | 11.4 | 13.3 | 8.0 | 9.0 | 9.0 | 10.2 | 11.6 | 9.1 |
| Depreciation | 52 | 60 | 68 | 70 | 72 | 75 | 84 | 88 | 250 | 319 |
| Interest | 46 | 54 | 55 | 65 | 71 | 73 | 82 | 51 | 220 | 277 |
| Other Income | 22 | 16 | 12 | 1 | 51 | 43 | 105 | 16 | 51 | 215 |
| PBT | 150 | 218 | 179 | 234 | 116 | 120 | 193 | 186 | 780 | 616 |
| Tax | 14 | 10 | 1 | 52 | 11 | 8 | 21 | 22 | 77 | 62 |
| Effective Tax Rate (\%) | 9.7 | 4.4 | 10.2 | 22.4 | 8.0 | 9.0 | 9.0 | 11.8 | 9.9 | 10.0 |
| Repoted PAT | 135 | 208 | 178 | 181 | 105 | 113 | 172 | 164 | 703 | 554 |
| Change (\%) | 16.3 | 12.4 | 13.4 | 20.6 | -22.1 | -45.9 | -3.6 | -9.5 | 15.4 | -21.1 |

E: MOSt Estimates

# Himatsingka Seide 

| STOCK INFO. BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | HSS IN |
|  | REUTERS CODE |
| S\&P CNX: 4,942 HM | ISD.BO |
| Equity Shares (m) | 97.4 |
| 52-Week Range (Rs) | 140/55 |
| 1,6,12 Rel.Per. (\%) | -14/-32/-72 |
| M.Cap (Rs.b) | 6.2 |
| M.Cap (US\$ b) | 0.2 |


| 28 March 2008 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs64 |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | net sales (RS M) | $\begin{gathered} \text { PAT } \\ (\text { RS M) } \end{gathered}$ | $\begin{gathered} \text { EPS * } \\ \text { (RS) } \end{gathered}$ | $\begin{aligned} & \text { * EPS } \\ & \text { GROWTH (\%) } \end{aligned}$ | $\begin{aligned} & \text { P/E } \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | $\begin{aligned} & \text { ROE } \\ & (\%) \end{aligned}$ | Roce <br> (\%) | $\begin{aligned} & \text { EV/ } \\ & \text { SALES } \end{aligned}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 1,742 | 546 | 5.6 | 12.3 | 11.4 | 1.0 | 9.3 | 7.4 | 3.1 | 11.3 |
| 3/08E | 3,626 | 649 | 6.7 | 18.8 | 9.6 | 1.0 | 10.4 | 9.1 | 1.6 | 6.7 |
| 3/09E | 6,355 | 1,109 | 11.4 | 70.9 | 5.6 | 0.9 | 16.3 | 15.5 | 1.0 | 4.1 |
| 3/10E | 6,623 | 1,188 | 12.2 | 7.1 | 5.2 | 0.8 | 15.6 | 15.4 | 0.9 | 3.6 |

\& For 4QFY08, we expect Himatsingka's standalone revenue to increase $71.9 \%$ YoY to Rs 742 m on the back of higher contribution from the bed-linen segment.
2. We expect EBITDA margin to drop 90bp YoY to $12.5 \%$ on the back of higher raw material cost and high start up cost in the bed-linen segment.
\& PAT is likely to drop $79.8 \%$ YoY to Rs18m.
es The company 20 m bed linen plant located at the Hassan special economic zone (SEZ), Karnataka, could post revenues of Rs $4 b$ once it is fully operational.
\& We expect the company to post consolidated EPS of Rs6.7 for FY08 and Rs11.4 for FY09. The stock is trading at a P/E of 9.6x FY08E and 5.6x FY09E earnings. Maintain Neutral.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 O | $3 Q$ | 4 Q | 10 | 20 | 30 | 4QE |  |  |
| Sales | 378 | 470 | 463 | 432 | 396 | 431 | 657 | 742 | 1,427 | 2,226 |
| Change (\%) | 10.5 | 23.5 | 13.5 | 14.0 | 4.9 | -8.3 | 42.0 | 71.9 | -5.5 | 56.0 |
| Total Expenditure | 252 | 311 | 321 | 374 | 309 | 361 | 645 | 649 | 963 | 1,963 |
| EBITDA | 126 | 159 | 142 | 58 | 87 | 70 | 13 | 93 | 464 | 263 |
| Change (\%) | -4.9 | 7.8 | 7.4 | -45.3 | -30.6 | -55.9 | -91.0 | 60.4 | -10.4 | -43.4 |
| As \% of Sales | 33.3 | 33.8 | 30.6 | 13.4 | 22.0 | 16.3 | 1.9 | 12.5 | 32.5 | 11.8 |
| Depreciation | 35 | 37 | 37 | 31 | 40 | 42 | 85 | 90 | 140 | 256 |
| Interest | 1 | 1 | 2 | 1 | 5 | 13 | 34 | 8 | 4 | 60 |
| Other Income | 62 | 69 | 68 | 71 | 59 | 35 | 45 | 36 | 271 | 175 |
| PBT | 151 | 190 | 171 | 98 | 102 | 51 | -61 | 31 | 589 | 121 |
| Tax | 7.0 | 27.0 | 20.8 | 8.5 | 10.5 | 0.6 | -42.3 | 13.0 | 63.3 | -17.9 |
| Effective Tax Rate (\%) | 4.6 | 14.2 | 12.2 | 8.7 | 10.3 | 1.2 | 7.5 | 41.9 | 10.7 | -14.7 |
| Reported PAT | 144 | 163 | 150 | 89 | 92 | 50 | -19 | 18 | 526 | 139 |
| Adj. PAT | 144 | 163 | 150 | 89 | 92 | 50 | -19 | 18 | 526 | 139 |
| Change (\%) | 27.8 | 22.7 | 25.5 | -24.8 | -36.4 | -69.1 | -112.7 | -79.8 | 6.4 | -73.5 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | RW IN |
|  | REUTERS CODE |
| S\&P CNX: 4,942 | RYMD.BO |
| Equity Shares | 61.4 |
| 52-Week Range | $474 / 228$ |
| 1,6,12 Rel.Per. (\%) | $-2 /-2 /-37$ |
| M.Cap (Rs. b) | 18.5 |
| M.Cap (US\$ b) | 0.5 |

28 March 2008

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs302 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{aligned} & \text { PAT* } \\ & (\text { RS M) } \end{aligned}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | EPS GROWTH (\%) | $\begin{aligned} & \text { P/E } \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | roe (\%) | Roce (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 20,407 | 949 | 15.5 | -27.4 | 19.5 | 1.3 | 10.5 | 8.4 | 1.1 | 9.2 |
| 3/08E | 22,830 | 649 | 10.6 | -31.6 | 28.5 | 1.3 | 4.5 | 8.0 | 1.0 | 11.6 |
| 3/09E | 25,367 | 1,712 | 27.9 | 163.9 | 10.8 | 1.2 | 11.4 | 12.0 | 0.9 | 5.7 |
| 3/10E | 28,394 | 1,903 | 31.0 | 11.2 | 9.7 | 1.1 | 11.6 | 12.4 | 0.8 | 5.1 |

\& We expect Raymond to report consolidated revenue of Rs6.1b in 4QY08 compared to standalone revenue of Rs3.5b in 4QFY07.
\& EBITDA for 4QFY08 is likely to be around Rs801m v/s standalone EBITDA of Rs 437 m in 4QFY07.
\& Raymond' s denim JV is facing cost pressures at its international plants in the US and Romania and is operating at low utilization rates of $\sim 70-75 \%$.
\& Raymond expects to aggressively roll out 40-50 flagship stores in FY08. We feel these stores are unlikely to breakeven in the medium term, due to high rentals. Management has given guidance for its branded apparel business to register growth rates of $20 \%$ to $25 \%$ over the next two to three years.
\& We expect Raymond Apparel and Color Plus to post revenues of Rs710m and Color Plus to post revenues of Rs345m.
\& The stock is trading at $28.5 x$ FY08E and $10.8 x$ FY09E earnings and EV/EBITDA of $11.6 x$ FY08E and $5.7 x$ FY09E. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 * |  |  |  | FY07* | FY08E* |
|  | 1Q* | 2Q \# | 3Q \# | 4Q\# | 1Q | 2Q | 3Q | 4QE |  |  |
| Net Sales | 3,688 | 3,586 | 2,973 | 3,477 | 4,609 | 6,003 | 6,108 | 6,110 | 20,407 | 22,830 |
| Change (\%) |  | 2.6 | -13.9 | -9.5 | 25.0 | 67.4 | 105.5 | 75.7 | 54.0 | 11.9 |
| Total Expenditure | 3,361 | 2,945 | 2,483 | 3,040 | 4,378 | 5,412 | 5,692 | 5,309 | 17,934 | 20,791 |
| EBITDA | 327 | 641 | 489 | 437 | 231 | 591 | 416 | 801 | 2,473 | 2,039 |
| Change (\%) | 2.8 | 16.4 | -17.0 | -17.7 | -29.4 | -7.8 | -15.0 | 83.1 | 24.3 | -17.6 |
| As \% of Sales | 8.9 | 17.9 | 16.5 | 12.6 | 5.0 | 9.8 | 6.8 | 13.1 | 12.1 | 8.9 |
| Depreciation | 210 | 146 | 134 | 165 | 340 | 340 | 360 | 344 | 1,257 | 1,384 |
| Interest | 84 | 93 | 72 | 78 | 216 | 205 | 325 | 353 | 502 | 1,099 |
| Other Income | 196 | 160 | 268 | 94 | 375 | 412 | 299 | 214 | 780 | 1,300 |
| Extra-ordinary Income | -14 | 859 | 43 | -29 | -36 | -6 | -44 | 0 | 451 | -86 |
| PBT | 215 | 1,421 | 552 | 259 | 14 | 390 | -14 | 318 | 1,945 | 769 |
| Tax | 46 | 6 | 165 | 153 | 22 | 43 | 73 | 89 | 549 | 227 |
| Effective Tax Rate (\%) | 24.0 | 0.5 | 29.9 | 58.9 | 157.1 | 28.0 | 31.0 | 28.0 | 28.2 | 29.6 |
| Reported PAT | 135 | 1,415 | 387 | 107 | -8 | 347 | -87 | 229 | 1,396 | 542 |
| Adj. PAT after MI | 149 | 556 | 344 | 136 | 28 | 353 | -43 | 229 | 949 | 649 |
| Change (\%) | -20.6 | 66.4 | 31.6 | -61.0 | -81.2 | -36.5 | -112.5 | 68.6 | -13.8 | -31.6 |

E: MOSt Estimates, * Consolidated, \# Standalone

# Vardhman Textiles 

| STOCK INFO. BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | VTEX IN |
|  | reuters code |
| S\&P CNX: 4,942 M | MHSP.BO |
| Equity Shares (m) | 64.1 |
| 52-Week Range (Rs | Rs) 209/91 |
| 1,6,12 Rel.Per. (\%) | ) $-5 /-23 /-73$ |
| M.Cap (Rs.b) | 6.8 |
| M.Cap (US\$ b) | 0.2 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs106 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | Ev/ |
| END | (RS M) | (RS M) | (RS) | GRowTH (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 3/07A | 20,876 | 1,717 | 26.8 | -12.5 | 4.0 | 0.6 | 16.6 | 9.3 | 1.0 | 6.1 |
| 3/08E | 23,759 | 1,259 | 19.7 | -26.7 | 6.3 | 0.7 | 10.8 | 6.1 | 1.4 | 9.3 |
| 3/09E | 29,817 | 1,592 | 24.9 | 26.5 | 5.2 | 0.6 | 12.4 | 7.5 | 1.2 | 7.1 |
| 3/10E | 41,147 | 2,487 | 38.8 | 56.2 | 2.7 | 0.4 | 17.1 | 9.4 | 0.9 | 5.7 |

Vardhman Textiles has issued a bonus of 1:2
\& For 4QFY08, Vardhman is likely to report revenue growth of $24.2 \%$ YoY to Rs6.7b. We expect EBITDA margin to decline 161 bp to $12.6 \% \mathrm{v} / \mathrm{s} 14.2 \%$ in 4QFY07, as a result of higher cotton prices.
\& Adjusted PAT is likely to register $54.5 \%$ YoY decline to Rs 168 m v/s Rs369m in 4QFY07, as a result of higher depreciation and interest cost.
\& VTL is currently implementing an ambitious Rs 16 b capex plan, which would double its fabric capacity and increase spinning capacity by nearly $50 \%$.

* We are lowering our PAT estimates for FY09 by $11.2 \%$ to Rs 1.6 b, due to margin pressure from higher fuel cost, raw material pressure and sharp appreciation in the rupee.
\& We expect Vardhman Textiles' sales and earnings to witness CAGR of $25.3 \%$ and $13.1 \%$ respectively over FY07FY10E.
\& The stock is trading at 6.3x FY08E and 5.2x FY09E earnings. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 3 Q | 4 Q | 10 | 2 O | 30 | 4QE |  |  |
| Sales | 4,755 | 5,283 | 5,438 | 5,400 | 5,276 | 5,661 | 6,119 | 6,704 | 20,876 | 23,759 |
| Change (\%) | 12.7 | 15.0 | 6.1 | 9.1 | 10.9 | 7.1 | 12.5 | 24.2 | 10.5 | 13.8 |
| Total Expenditure | 133 | 4,366 | 4,470 | 4,632 | 4,380 | 4,778 | 5,218 | 5,859 | 17,388 | 20,235 |
| EBITDA | 836 | 917 | 968 | 768 | 896 | 883 | 901 | 845 | 3,488 | 3,524 |
| Change (\%) | 6.8 | 7.5 | 1.0 | -8.2 | 7.2 | -3.7 | -7.0 | 10.1 | 1.7 | 1.0 |
| As \% of Sales | 17.6 | 17.4 | 17.8 | 14.2 | 17.0 | 15.6 | 14.7 | 12.6 | 16.7 | 14.8 |
| Depreciation | 286 | 301 | 290 | 317 | 346 | 354 | 375 | 401 | 1,194 | 1,477 |
| Interest | 110 | 99 | 87 | 81 | 165 | 131 | 125 | 214 | 377 | 635 |
| Other Income | 62 | 37 | 77 | 129 | 66 | 116 | 94 | 24 | 340 | 300 |
| Extra-ordinary Income | 0 | 35 | 0 | 1 | 0 | 0 | 0 | 0 | 35 | 0 |
| PBT | 501 | 590 | 668 | 500 | 451 | 514 | 494 | 254 | 2,292 | 1,712 |
| Tax | 126 | 132 | 152 | 131 | 134 | 140 | 94 | 86 | 541 | 454 |
| Effective Tax Rate (\%) | 25.2 | 22.4 | 22.8 | 26.2 | 23.7 | 25.1 | 24.2 | 33.9 | 23.6 | 26.5 |
| Reported PAT | 375 | 458 | 516 | 369 | 317 | 374 | 401 | 168 | 1,752 | 1,259 |
| Adj. PAT | 375 | 423 | 516 | 369 | 317 | 374 | 401 | 168 | 1,717 | 1,259 |
| Change (\%) | 29.4 | 5.9 | 0.5 | -24.9 | -15.5 | -11.6 | -22.2 | -54.5 | 1.4 | -26.7 |

# Welspun India 

| STOCK InFO. | BLOOMBERG <br> BSE Sensex: 16,371 |
| :--- | ---: |
| WLSP IN <br> REUTERS CODE |  |
| S\&P CNX: 4,942 | WLSP.BO |

28 March 2008
Neutral

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | $\frac{\operatorname{Rs} 44}{\substack{\text { EVI } \\ \text { EBITDA }}}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| YEAR | NET SALES (RS M) | PAT (RS M) | EPS | EPS | P/E | P/BV | ROE | roce <br> (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ |  |
| 3/07A | 9,736 | 521 | 6.8 | 25.3 | 6.5 | 0.6 | 8.8 | 5.4 | 1.6 | 9.6 |
| 3/08E | 11,647 | 315 | 4.1 | -40 | 10.8 | 0.5 | 5.1 | 4.1 | 1.4 | 9.7 |
| 3/09E | 13,209 | 984 | 12.8 | 212.7 | 3.4 | 0.5 | 14.7 | 8.5 | 1.2 | 5.8 |
| 3/10E | 14,233 | 1,173 | 15.3 | 19.3 | 2.9 | 0.4 | 15.5 | 9.3 | 1.2 | 5.4 |

\& For 4QFY08, we expect Welspun to post revenue growth of $23.6 \%$ YoY to Rs3.1b.
25 EBITDA margin is likely to decline 220bp YoY to $12 \%$, as a result of higher raw material cost and rising rupee.
\& PAT is likely to drop $74 \%$ YoY to Rs27m in 4QFY08. During 4QFY08, utilization rates for the bed linen plant improved to around $75 \%$.
es During 3QFY08, Welspun acquired a $76 \%$ stake in bath rug major Sorema of Portugal at an EV of Rs600m. Sorema is a leading player in bath rugs and shower curtains around the world, with an estimated turnover of Rs570m.
e The margins in the bed linen segment are likely to remain under pressure due to over capacity in the domestic market but increased capacity utilization rates will act as a cushion.
\& We expect Welspun' s revenues and earnings to witness $13.4 \%$ and $31 \%$ CAGR (FY07-FY10) respectively. Welspun is trading at a P/E of 10.8 x FY08E and 3.4 x FY09E earnings. We are Ne utral on the stock.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | $1 Q$ | 2 Q | $3 Q$ | 4QE |  |  |
| Sales | 1,989 | 2,764 | 2,554 | 2,485 | 2,647 | 2,938 | 2,992 | 3,070 | 9,736 | 11,647 |
| Change (\%) | 38.1 | 78.7 | 65.4 | 21.1 | 33.1 | 6.3 | 17.1 | 23.6 | 47.9 | 19.6 |
| Total Expenditure | 1,576 | 2,342 | 2,110 | 2,133 | 2,281 | 2,470 | 2,540 | 2,703 | 8,213 | 9,993 |
| EBITDA | 413 | 423 | 444 | 352 | 367 | 468 | 452 | 367 | 1,523 | 1,654 |
| Change (\%) | 31.5 | 32.2 | 16.7 | 11.9 | -11.2 | 10.8 | 1.7 | 4.4 | 14.6 | 8.6 |
| As \% of Sales | 20.8 | 15.3 | 17.4 | 14.2 | 13.8 | 15.9 | 15.1 | 12.0 | 15.6 | 14.2 |
| Depreciation | 144 | 157 | 166 | 183 | 195 | 207 | 220 | 233 | 651 | 855 |
| Interest | 112 | 122 | 129 | 123 | 155 | 157 | 178 | 184 | 478 | 675 |
| Other Income | 52 | 40 | 75 | 165 | 124 | 148 | -6 | 84 | 429 | 350 |
| Extra-ordinary Income | -90 | 88 | 0 | 0 |  |  | 4 |  | -2 | 4 |
| PBT | 119 | 272 | 224 | 210 | 141 | 252 | 51 | 34 | 823 | 477 |
| Tax | 43 | 89 | 65 | 107 | 48 | 84 | 20 | 7 | 304 | 159 |
| Effective Tax Rate (\%) | 36.2 | 32.6 | 28.8 | 51.0 | 33.9 | 33.9 | 39.3 | 20.6 | 36.9 | 33.4 |
| Repoted PAT | 76 | 183 | 159 | 103 | 92 | 168 | 31 | 27 | 519 | 318 |
| Adj. PAT | 166 | 95 | 159 | 103 | 92 | 168 | 27 | 27 | 521 | 315 |
| Change (\%) | 53.7 | -24.6 | 115.4 | -3.8 | -44.4 | 76.1 | -82.9 | -73.8 | 25.4 | -39.6 |

$\overline{\text { E: MOSt Estimates }}$

## Utilities

| BSE Sensex: 16,371 | S\&P C |
| :--- | :---: |
| COMPANY NAME PG. <br> CESC 280 <br> NTPC 281 <br> PTC India 282 <br> Reliance Energy 283 <br> Tata Power 284 |  |

## Open access on transmission - focus on non-discriminatory access

The Central Electricity Regulatory Commission (CERC) has finalized the new Open Access Regulations for the Inter-State Transmission, 2008 to be effective from April 1, 2008. The new open access regulations on power transmission permits non-discriminatory access to inter state transmission on schedule basis (released by regional load dispatch centre) and then allocation of the lines. The approach is useful as compared to the earlier approach of allocation of lines in advance by the bidder and then subsequent un-utilization or sub-utilization of the same. The new regulation will enable to tap all the excess power from various sources like captive, merchant capacity, etc.

The framework will not only facilitate traditional bilateral transaction (negotiated directly or through electricity traders), but also cater to collective transactions discovered in a power exchange through competitive bidding by sellers and buyers.

## Competitive based tariff - new benchmarks

The competitive based tariff (CBT) regime has seen several bids under Case 1 and Case 2, which have progressively set new benchmarks for the cost of per unit of power. The recent bid submitted by India Bulls Power Services in the bids invited by Government of Chattisgarh (Case 1) at Rs0.81/unit was the lowest in recent past. Similarly, the bids for the ultra mega power projects (Case 2) at Rs1.19/unit for Sasan (pit head) and Rs2.26/unit for Mundra (imported coal) have set new benchmarks tariffs.


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| STATE | BIDDERS CAPACI | Y (M W) | BID (RS/UNIT) |
| :---: | :---: | :---: | :---: |
| Projects under Case 1 bidding |  |  |  |
| Haryana | Lanco Power | 390 | 2.35 |
| Madhya Pradesh | Lanco Power | 600 | 2.32 |
| Projects under Case 2 bidding |  |  |  |
| Jhajjar, Haryana | China Light and Power | 1,320 | 2.996 |
| Chhattisgarh | India Bulls Power Services | 1,600 | 0.81* |
| Sasan, UMPP | Reliance Power | 4,000 | 1.19 |
| Mundra, UMPP | Tata Power | 4,000 | 2.26 |
| Krishnapatnam, UMPP | Reliance Power | 4,000 | 2.37 |
| *65\% of power at Rs0.81/unit to State govt, 35\% merchant; coal mine of 350m ton allotted, coal sales |  |  |  |

## Extention of Rajiv Gandhi Grameen Vidyutikaran Yojana

The Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) scheme has been extended for the Eleventh Plan with capital subsidy of Rs 280 b currently (v/s the total estimated expenditure of Rs418b). This shows the commitment of the government towards the rural electrification projects. Rural Electrification Corporation (REC) has been specified as the nodal agency for the scheme. According to the scheme, $90 \%$ capital subsidy would be provided towards overall cost of the projects under the scheme (excluding state or local levies, to be borne by State/State Utility) while the balance $10 \%$ of the project cost would be contributed by states through own resources/loan from financial institution.

The scheme will benefit companies like Power Grid Corporation of India, which are functional entities for execution of the scheme. PGCIL will receive $8-9 \%$ of the project cost as charges for implementing the scheme.

## Section 80-IA benefit not extended; reduction in indirect duties

The Union Budget 2008-09 did not extend deadline for claiming Sec80IA deadline for power generation projects commissioned post FY10. Thus, a significant capacity in the Eleventh Plan, which is likely to be commissioned post FY10, will not be entitled to the tax benefit. The budget, however, recommended reduction in customs and excise duty for power projects, which will marginally lower the project cost. The customs duty on project import is reduced from $7.5 \%$ to $5.0 \%$, while additional CVD of $4 \%$ is levied for select power project equipment. In addition, $4 \%$ additional customs duty exemption on power generation, transmission and distribution equipment has been withdrawn, which is a positive for the local power equipment companies.

## Valuation and view

For 4QFY08, we expect utilities to report a steady performance in terms of revenues and profitability. The pace of reforms, achievement of the target capacity addition and attracting private sector investments in generation and privatization of distribution represent key challenges for the Indian power sector. However, the reforms are on track, albeit at a slower rate, which is reflected in UMPP projects, various initiatives by the government to ensure the fuel linkages, etc. We remain positive on the sector.

Stock performance and valuations

STOCK PERFORMANCE (\%)

|  | ABSOLUTE PERF |  | REL PERF TO SENSEX |  | REL PERF TO SECTOR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 M | 1 YEAR | 3 M | 1 YEAR | 3 M | 1 YEAR |
| Utilities |  |  |  |  |  |  |
| CESC | -32 | 17 | -13 | -10 | -13 | -46 |
| NTPC | -15 | 43 | 4 | 16 | 4 | -21 |
| PTC India | -37 | 70 | -18 | 43 | -18 | 7 |
| Reliance Energy | -38 | 176 | -19 | 149 | -19 | 113 |
| Tata Power | -13 | 139 | 6 | 112 | 6 | 75 |

RELATIVE PERFORMANCE - 3 MONTH (\%)


RELATIVE PERFORMANCE - 1 YEAR (\%)



[^26]| STOCK INFO. B | BLOOMBERG |
| :---: | :---: |
| BSE Sensex: 16,371 C | CESC IN |
|  | Reuters code |
| S\&P CNX: 4,942 C | CESC.BO |
| Equity Shares (m) | 124.9 |
| 52-Week Range | 715/320 |
| 1,6,12 Rel. Perf.(\%) | \%) -16/-10/-10 |
| M.Cap. (Rs b) | 51.3 |
| M.Cap. (US\$ b) | 1.3 |

28 December 2007

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | $\frac{\mathrm{Rs} 411}{\substack{\text { EV/ } \\ \text { EBITDA }}}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| YEAR <br> END | NET SALES <br> (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS* } \\ & \text { (RS) } \end{aligned}$ | $\begin{gathered} \text { EPS* } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{gathered} \mathrm{P} / \mathrm{E}^{*} \\ (\mathrm{X}) \end{gathered}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | RoE <br> (\%) | ROCE <br> (\%) | EV/ SALES |  |
| 03/07A | 24,843 | 2,257 | 28.2 | 30.9 | 14.6 | 2.1 | 13.5 | 12.2 | 2.5 | 10.8 |
| 03/08E | 27,716 | 3,169 | 25.4 | -10.1 | 16.2 | 2.0 | 11.9 | 10.9 | 2.1 | 10.3 |
| 03/09E | 29,678 | 3,437 | 27.5 | 8.5 | 14.9 | 1.8 | 11.5 | 10.8 | 2.3 | 10.4 |
| 03/10E | 31,395 | 3,789 | 30.3 | 10.2 | 13.5 | 1.6 | 11.4 | 10.5 | 2.4 | 9.5 |

* Excl Spencers; fully diluted
\& For 4QFY08, we expect CESC to post revenue of Rs6.5b and net profit of Rs834m, up 36.8\% YoY.

8. CESC has been awarded Mahuagarhi coal block in Jharkhand ( $50 \%$ stake) with estimated reserves of 220 m ton. CESC's share of 110 m ton can support $1,000 \mathrm{MW}$ power plant, which would be on merchant basis.
\& CESC is working on 1) 250 MW Budge Budge Expansion (expected completion September 2009) and 2) 600MW Haldia power project (coal linkage received, project completion by FY11). Further, the 1,000MW merchant power project in Jharkhand would be commissioned by end of FY12. Thus, CESC' s effective power capacity by end of FY12 should stand at $2,825 \mathrm{MW}$, v/s 975 MW currently. The total capex planned by company for the expansion is Rs54b.
\& Spencer plans to expand its retail space from 0.6 msf currently to 4.5 msf by March 2010. The company has already tied up for 1.5 msf to be commissioned in the coming 12-15 months.
9. We expect CESC to report a net profit of Rs3.2b in FY08 (up 8.5\% YoY), Rs3.4b in FY09 (up 8.5\% YoY) and Rs3.8b in FY10 (up $10.2 \%$ YoY), excluding Spencer. At CMP, the stock is traded at a P/E of 16.2x FY08E, 14.9x FY09E and 13.5x FY10E. Maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Sales | 6,740 | 6,750 | 5,930 | 5,470 | 7,170 | 7,300 | 6,760 | 6,486 | 24,890 | 27,716 |
| Change (\%) | 0.0 | 0.4 | 2.6 | -6.3 | 6.4 | 8.1 | 14.0 | 18.6 | -0.8 | 11.4 |
| EBITDA | 1,360 | 1,400 | 1,250 | 1,170 | 1,300 | 1,410 | 1,550 | 1,377 | 5,180 | 5,637 |
| Change (\%) | -9.9 | -9.1 | -6.0 | -18.8 | -4.4 | 0.7 | 24.0 | 17.7 | -11.0 | 8.8 |
| As of \% Sales | 20.2 | 20.7 | 21.1 | 21.4 | 18.1 | 19.3 | 22.9 | 21.2 | 20.8 | 20.3 |
| Depreciation | 410 | 410 | 410 | 410 | 410 | 400 | 430 | 448 | 1,640 | 1,688 |
| Interest | 540 | 420 | 370 | 360 | 390 | 340 | 330 | 361 | 1,690 | 1,421 |
| Other Income | 210 | 220 | 220 | 290 | 290 | 260 | 270 | 380 | 940 | 1,200 |
| Extraordinary Income/(Expense) | 0 | 0 | 0 | 0 | 140 | 120 | 0 | 0 | 0 | 0 |
| PBT | 620 | 790 | 690 | 690 | 930 | 1,050 | 1,060 | 948 | 2,790 | 3,728 |
| Tax | 70 | 100 | 80 | 80 | 110 | 120 | 130 | 114 | 390 | 559 |
| Effective Tax Rate (\%) | 11.3 | 12.7 | 11.6 | 11.6 | 11.8 | 11.4 | 12.3 | 12.0 | 14.0 | 15.0 |
| Reported PAT | 550 | 690 | 610 | 610 | 820 | 930 | 930 | 834 | 2,400 | 3,169 |
| Adjusted PAT | 550 | 690 | 610 | 610 | 697 | 820 | 930 | 834 | 2,400 | 3,169 |
| Change (\%) | 34.1 | 21.1 | 64.9 | 38.6 | 26.7 | 34.8 | 52.5 | 36.8 | 34.1 | 32.0 |

E: MOSt Estimates, Standalone Numbers (excl Spencers Retail)
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# National Thermal Power Corporation 

| STOCK INFO. | BLOOMBERG |  |
| :--- | ---: | :---: |
| BSE Sensex: 16,371 | NTPC IN |  |
|  | REUTERS CODE |  |
| S\&P CNX: 4,942 | NTPC.BO |  |


| 28 March 2008 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs204 |
| year | net sales | PAT* | EPS* | EPS | P/E | P/BV | Roe | roce | Ev/ | EV/ |
| End* | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 03/07A | 326,317 | 65,681 | 8.0 | 23.6 | 26.6 | 3.6 | 13.9 | 21.2 | 5.2 | 14.5 |
| 03/08E | 366,160 | 75,968 | 9.2 | 16.8 | 23.0 | 3.2 | 14.8 | 22.8 | 4.7 | 12.9 |
| 03/09E | 418,646 | 83,042 | 10.1 | 9.3 | 21.1 | 3.0 | 14.7 | 21.3 | 4.4 | 12.1 |
| 03/10E | 481,744 | 86,608 | 10.5 | 4.3 | 20.2 | 2.7 | 14.0 | 19.7 | 4.0 | 11.0 |

* Pre Exceptional Earnings; FY05 reported Net Profit Rs58.1b
\& We expect NTPC to report revenue of Rs103b, up $16.2 \%$ YoY, and net profit of Rs22.2b, up $19.5 \%$ YoY, in 4 QFY 08 .
\& The power capacity as of December 2007 stood at $26,850 \mathrm{MW}$ (excluding JV capacity of $1,054 \mathrm{MW}$ ), up from 26,350MW in March 2007. For the Eleventh Plan, NTPC plans to add 22,600MW and of this, capacity under construction stands at $\sim 17,000 \mathrm{MW}$. The company expects to issue the main plant award for the balance $5,600 \mathrm{MW}$ by March 2008.
\& The expected ramp up for the targeted capacity of 22,600MW in the Eleventh plan: FY08- 2,740 MW, FY092,580MW, FY10- 3,000MW, FY11-5,960MW and FY12-8,310MW. The management has indicated that expected capacity addition during FY08 will be $2,740 \mathrm{MW}$ (Kahalgaon 500MW, Sipat 1,000MW, Dabhol 740MW and Bhilai JV 250MW) During FY09, capacity addition is expected at 2,580MW (Sipat 1,320MW, Barh 660MW and Koldam hydro power 600MW).
\& NTPC has recently signed a JV agreement (50:50) with Bihar State Electricity Board to set up a $1,980 \mathrm{MW}$ power plant and with Uttar Pradesh Rajya Vidyut Utpadan Nigam to set up a 660MW power plant in UP (at Meja district in Allahabad).
\& We expect NTPC to report net profit of Rs76b in FY08, Rs83.1b in FY09 and Rs86.6b in FY10. At CMP, NTPC quotes at a P/E of 23x FY08E, 21x FY09E and 20x FY10E. Maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Sales | 71,536 | 68,138 | 81,468 | 88,603 | 89,697 | 80,169 | 93,308 | 102,986 | 326,317 | 366,160 |
| Change (\%) | 18.1 | 15.0 | 18.6 | 21.5 | 25.4 | 17.7 | 14.5 | 16.2 | 24.8 | 18.2 |
| EBITDA | 19,960 | 18,408 | 22,595 | 23,397 | 26,945 | 27,490 | 29,691 | 29,795 | 100,932 | 113,921 |
| Change (\%) | 29.4 | 41.9 | 24.2 | 33.1 | 35.0 | 49.3 | 31.4 | 27.3 | 57.3 | 12.9 |
| As of \% Sales | 27.9 | 27.0 | 27.7 | 26.4 | 30.0 | 34.3 | 31.8 | 28.9 | 30.9 | 31.1 |
| Depreciation | 4,755 | 4,780 | 5,138 | 6,081 | 4,914 | 5,134 | 5,266 | 5,484 | 20,754 | 20,798 |
| Interest | 5,238 | 4,630 | 2,807 | 5,919 | 278 | 4,964 | 4,665 | 5,349 | 18,594 | 15,256 |
| Other Income | 6,369 | 6,505 | 7,752 | 6,864 | 7,181 | 7,323 | 7,624 | 7,829 | 27,490 | 29,957 |
| PBT | 16,336 | 15,503 | 22,402 | 18,261 | 28,934 | 24,715 | 27,384 | 26,790 | 89,074 | 107,823 |
| Tax | 808 | 764 | 1,369 | 914 | 5,235 | 5,460 | 9,585 | 4,638 | 20,427 | 24,918 |
| Effective Tax Rate (\%) | 4.9 | 4.9 | 6.1 | 5.0 | 18.1 | 22.1 | 35.0 | 17.3 | 22.9 | 23.1 |
| Reported PAT | 15,528 | 14,739 | 21,033 | 17,347 | 23,699 | 19,255 | 17,799 | 22,153 | 68,647 | 82,906 |
| Adj.PAT (Pre Exceptional) | 15,318 | 14,410 | 17,415 | 18,539 | 17,648 | 16,269 | 19,898 | 22,153 | 65,681 | 75,968 |
| Change (\%) | 25.4 | 24.8 | 37.4 | 18.4 | 15.2 | 12.9 | 14.3 | 19.5 | 23.6 | 15.7 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG |  |
| :--- | ---: | :---: |
| BSE Sensex: 16,371 | PWTC IN |  |
|  | REUTERS CODE |  |
| S\&P CNX: 4,942 PTCI.BO <br> Equity Shares (m) 150.0 <br>  $202 / 54$ <br> 1,6,12 Rel. Perf.(\%) $-7 / 16 / 43$ <br> M.Cap. (Rs b) 15.1 <br> M.Cap. (US\$ b) 0.4 |  |  |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Buy } \\ & \text { Rs101 } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR | NET SALES | PAT* | EPS* | EPS | P/E | P/BV | Roe | Roce | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07A | 36,307 | 353 | 2.3 | -13.7 | 43.1 | 5.7 | 13.8 | 17.7 | 0.4 | 52.4 |
| 03/08E | 40,815 | 357 | 1.6 | -32.8 | 64.1 | 1.5 | 4.1 | 5.7 | 0.5 | 78.0 |
| 03/09E | 55,229 | 741 | 3.3 | 107.3 | 30.9 | 1.5 | 4.9 | 6.9 | 0.3 | 34.6 |
| 03/10E | 98,512 | 1,060 | 4.7 | 43.1 | 21.6 | 1.4 | 6.8 | 9.8 | 0.2 | 19.6 |

* For 4QFY08, we expect PTC to report revenue of Rs7.2b, up $19.8 \%$ YoY, and net profit of Rs61m, up $5 \%$ YoY.
\& As of December 2007, the company has signed power purchase agreements (PPA) for 10,434MW and MoUs for $21,689 \mathrm{MW}$ of power capacity on a long term basis. PTC has also entered into back-to-back power sale agreement for $5,011 \mathrm{MW}$.
\& PTC India and Financial Technologies have received approval from the Central Electricity Regulatory Commission to set up India' s first national level power exchange, Indian Energy Exchange Ltd (IEX), for trading electricity. PTC has a $26 \%$ stake in the company.

8. It has completed the QIP offering aggregating Rs 11.2 b to fund investments of Rs 1.6 b in PTC Financial Services, Rs 1.4 b as equity commitment in Teestha ( $1,200 \mathrm{MW}$ ), Rs 1.5 bequity in Athena Energy, Rs3-4b for acquisition of coal mines abroad and balance to maintain capital adequacy ratio for power trading.
\& We expect PTC to report net profit of Rs357m in FY08 (up $1.2 \%$ YoY), Rs741m in FY09 (up $107.3 \%$ YoY) and Rs1.1b in FY10 (up $43.1 \%$ YoY). At CMP, the stock trades at a P/E of 29x FY09E and 20x FY10E. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3 Q | 4Q | 1Q | 2Q | 3 Q | 4QE |  |  |
| Power Traded (MUs) | 2,625 | 3,268 | 2,211 | 1,445 | 3,544 | 4,110 | 2,075 | 3,702 | 9,549 | 13,431 |
| Sales | 10,421 | 13,147 | 8,074 | 6,025 | 11,586 | 14,672 | 7,338 | 7,219 | 37,667 | 40,815 |
| Change (\%) | 138.3 | 52.5 | -23.4 | -20.2 | 11.2 | 11.6 | -9.1 | 19.8 | 21.2 | 8.4 |
| EBITDA | 88 | 95 | 82 | 53 | 58 | 103 | 16 | 73 | 318 | 251 |
| Change (\%) | 8.0 | -32.7 | -55.3 | -42.6 | -34.0 | 8.3 | -80.2 | 39.5 | -36.3 | -21.1 |
| As of \% Sales | 1.3 | 0.7 | 1.0 | 0.9 | 0.5 | 0.7 | 0.2 | 1.0 | 0.8 | 0.6 |
| Depreciation | 8 | 8 | 8 | 9 | 7 | 8 | 7 | 10 | 33 | 33 |
| Interest | 3 | 7 | 7 | 2 | 3 | 6 | 6 | 6 | 20 | 21 |
| Other Income | 79 | 39 | 44 | 32 | 97 | 64 | 75 | 44 | 193 | 279 |
| Extraordinary Income/(Expense) | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PBT | 155 | 119 | 111 | 73 | 144 | 154 | 77 | 101 | 459 | 477 |
| Tax | 35 | 32 | 25 | 15 | 25 | 39 | 15 | 40 | 106 | 119 |
| Effective Tax Rate (\%) | 22.3 | 27.1 | 22.2 | 20.5 | 17.4 | 25.3 | 19.9 | 39.3 | 23.2 | 25.0 |
| Reported PAT | 120 | 86 | 86 | 58 | 119 | 115 | 62 | 61 | 352 | 357 |
| Adjusted PAT | 120 | 86 | 86 | 58 | 119 | 115 | 62 | 61 | 352 | 357 |
| Change (\%) | 6.3 | -11.2 | -32.7 | -16.5 | -0.8 | 33.3 | -28.1 | 5.0 | -13.7 | 1.5 |

E: MOSt Estimates
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# Reliance Energy 

| STOCK INFO. | BLOOMBERG |  |
| :--- | ---: | :---: |
| BSE Sensex: 16,371 | RELE IN |  |
|  | REUTERS CODE |  |
| S\&P CNX: 4,942 | RLEN.BO |  |


| 28 March 2008 |  |  |  |  |  |  |  | Under Review |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  | Rs1,334 |  |  |
| YEAR | NET SALES | PAT | EPS* | EPS | P/E* | P/BV | ROE | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 3/07A | 56,930 | 8,015 | 28.7 | 3.5 | 46.5 | 3.5 | 10.2 | 8.7 | 5.6 | 66.8 |
| 3/08E | 60,896 | 5,947 | 21.3 | -25.8 | 62.6 | 3.7 | 9.8 | 9.2 | 5.1 | 60.2 |
| 3/09E | 69,196 | 7,423 | 26.6 | 24.8 | 50.2 | 2.1 | 9.8 | 9.2 | 4.0 | 37.6 |
| 3/10E | 85,021 | 10,163 | 36.4 | 36.9 | 36.7 | 2.0 | 9.8 | 9.2 | 2.7 | 25.0 |

${ }^{*}$ Consolidated, Fully Diluted
$\&$ For 4QFY08, we expect Reliance Energy to report revenue of Rs14.2b, down $12.1 \%$ YoY, and a net profit of Rs 1.5 b , down $20.3 \%$ YoY.
\& Reliance Energy Board has approved share buy-back (up to $25 \%$ of the existing paid-up capital) of up to Rs20b (US $\$ 500 \mathrm{~m}$ ), in two phases at maximum price of Rs $2,000 / \mathrm{sh}$. The first tranche of buy back up to Rs8b will be effective immediately while second tranche of Rs12b will be subject to approval of shareholders.
\& Reliance Energy in consortium with Hyundai Engineering (Korea) has emerged as a successful bidder for Mumbai Trans-harbor sea-link project to be developed at a cost of US\$1.5b. The project involves construction of six lane dual carriageway linking Nhava to Sewri covering 25 km .
\& The order backlog for the EPC division stood at Rs83b (v/s Rs17.1b as of December 2006), which is expected to go up further with the booking of EPC orders for the project under execution by Reliance Power ( $48 \%$ stake).
\& Reliance energy's EPC division will provide turnkey services for the proposed 28,200 MW of capacity planned by Reliance power ( $45 \%$ stake).

* We believe the stock is largely a play on the future growth opportunities rather than on existing assured return businesses.

| QUARTERLY Performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 10 | 2 Q | 30 | 4QE |  |  |
| Sales | 11,549 | 14,076 | 15,337 | 16,143 | 16,240 | 15,417 | 15,055 | 14,183 | 56,930 | 60,896 |
| Change (\%) | 21.6 | 35.0 | 55.2 | 55.5 | 40.6 | 9.5 | -1.8 | -12.1 | 41.6 | 7.0 |
| EBITDA | 1,334 | 1,775 | 827 | 598 | 376 | 1,813 | 741 | 2,265 | 4,804 | 5,195 |
| Change (\%) | -17.4 | -12.8 | -53.9 | -68.5 | -71.8 | 2.1 | -10.4 | 278.6 | -34.5 | 8.1 |
| As of \% Sales | 11.6 | 12.6 | 5.4 | 3.7 | 2.3 | 11.8 | 4.9 | 16.0 | 8.4 | 8.5 |
| Depreciation | 619 | 635 | 612 | 535 | 581 | 556 | 566 | 573 | 2,401 | 2,276 |
| Interest | 459 | 671 | 551 | 823 | 693 | 854 | 854 | 905 | 2,503 | 3,306 |
| Other Income | 1,711 | 1,761 | 2,867 | 2,754 | 3,599 | 2,582 | 3,479 | 1,058 | 8,823 | 10,718 |
| PBT | 1,967 | 2,230 | 2,531 | 1,994 | 2,701 | 2,985 | 2,800 | 1,845 | 8,724 | 10,331 |
| Tax (incl contingencies) | 201 | 366 | 522 | -380 | 485 | 484 | -216 | 372 | 709 | 1,126 |
| Effective Tax Rate (\%) | 10.2 | 16.4 | 20.6 | -19.1 | 18.0 | 16.2 | -7.7 | 20.2 | 8.1 | 10.9 |
| Reported PAT | 1,766 | 1,864 | 2,009 | 2,374 | 2,216 | 2,501 | 3,016 | 1,473 | 8,015 | 9,205 |
| PAT (Pre Exceptionals) | 1,666 | 1,864 | 2,009 | 1,848 | 1,341 | 1,599 | 1,505 | 1,473 | 7,388 | 5,947 |
| Change (\%) | 12.7 | 16.8 | 22.0 | 40.1 | -19.5 | -14.2 | -25.1 | -20.3 | 23.2 | -19.5 |

E: MOSt Estimates; Quarterly numbers are on standalone basis
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| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 16,371 | TPWR IN |
|  | REUTERS CODE |
| S\&P CNX: 4,942 | TTPW.BO |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs1,211 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| Year | net sales | PAT* | EPS* | EPS | P/E* | P/BV | roe | Roce | Ev/ | Ev/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07A | 47,153 | 5,548 | 26.1 | 21.9 | 46.4 | 4.4 | 9.5 | 4.8 | 5.5 | 35.9 |
| 03/08E | 57,656 | 7,281 | 34.3 | 31.2 | 35.4 | 3.5 | 9.2 | 7.2 | 5.1 | 28.6 |
| 03/09E | 60,027 | 8,096 | 38.1 | 11.2 | 31.8 | 3.3 | 8.2 | 6.9 | 4.9 | 25.8 |
| 03/10E | 65,398 | 9,930 | 42.6 | 12.0 | 28.4 | 3.1 | 9.6 | 8.8 | 4.6 | 19.8 |

* Consolidated excluding share of profit from Bumi Resources, Pre Exceptionals, Fully Diluted
* For 4QFY08, Tata Power is expected to report net profit of Rs 1.3 b , up $99.4 \%$ YoY.
\& Power generation projects under implementation stands at 5,660MW, while projects under planning stage stands at $5,670 \mathrm{MW}$. Successful implementation will result in eventual capacity at 12,861 MW (proportionate share) by FY14, from current $2,474 \mathrm{MW}$. Projects currently under implementation includes: 4000 MW Mundra power project, 1050MW Maithon project, 250MW Trombay project, 250MW Jojobera expansion, and 120MW Haldia project. Projects under planning stage includes: 2400MW Coastal Maharashtra project, 1000MW Naraj Marthapur (Mandakini coal block), 1270MW Naraj Marthapur ( $74 \%$ stake, CPP for Tata Steel), 500MW in JV with Hindalco ( $40 \%$ stake, Tubed CPP) and 500MW Jharkhand project ( $74 \%$ stake, CPP for Tata Steel).
* For projects under implementation stage ( $5,660 \mathrm{MW}$ ), Tata Power will require equity investment of Rs60b, to be funded as: Rs29b through internal accruals, Rs19b raised through preferential issue / warrants and balance by either disinvestment of holding or equity dilution.
* At CMP, the stock trades at a P/E of 32x FY09E and 28x FY10E. Maintain Buy.

| QUARTERLY PERFORmANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 O | 3 Q | 4 Q | 10 | 2 Q | 3 Q | 4QE |  |  |
| Total Operating Income | 13,766 | 12,008 | 12,005 | 11,713 | 15,115 | 13,506 | 14,194 | 14,841 | 49,393 | 57,656 |
| Change (\%) | 25.3 | 13.1 | -2.5 | 0.0 | 9.8 | 12.5 | 18.2 | 26.7 | 8.3 | 16.7 |
| EBITDA | 2,581 | 2,495 | 2,108 | 2,290 | 2,903 | 2,614 | 2,682 | 2,175 | 9,474 | 10,373 |
| Change (\%) | 7.1 | 3.8 | 7.1 | 45.6 | 12.5 | 4.7 | 27.2 | -5.0 | 13.4 | 9.5 |
| As of \% Sales | 18.7 | 20.8 | 17.6 | 19.5 | 19.2 | 19.4 | 18.9 | 14.7 | 19.2 | 18.0 |
| Depreciation | 760 | 731 | 735 | 693 | 714 | 709 | 705 | 815 | 2,919 | 2,943 |
| Interest | 524 | 388 | 510 | 473 | 594 | 414 | 386 | 483 | 1,895 | 1,877 |
| Other Income | 410 | 783 | 460 | 1,787 | 685 | 1,404 | 368 | 1,223 | 3,440 | 3,680 |
| Prior Period Income/(Expenses) |  |  |  | -2,239 |  |  | 0 |  | -2,239 | 0 |
| PBT | 1,706 | 2,160 | 1,322 | 672 | 2,279 | 2,895 | 1,960 | 2,100 | 5,860 | 9,233 |
| Tax | 488 | 137 | -1,477 | -255 | 377 | 320 | -13 | 828 | -1,108 | 1,512 |
| Effective Tax Rate (\%) | 28.6 | 6.3 | -111.7 | -38.0 | 16.5 | 11.1 | -0.7 | 39.4 | -18.9 | 16.4 |
| Reported PAT | 1,218 | 2,023 | 2,799 | 927 | 1,902 | 2,574 | 1,973 | 1,272 | 6,968 | 7,721 |
| Adjusted PAT | 1,130 | 1,682 | 1,205 | 638 | 1,832 | 1,634 | 1,496 | 1,272 | 5,548 | 7,281 |
| Change (\%) | 3.1 | 33.8 | 26.0 | -39.3 | 62.2 | -2.8 | 24.2 | 99.4 | 27.2 | 31.2 |

$\overline{\text { E: MOSt Estimates }}$
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# Ashapura Minechem 

| STOCK INFO. | BLOOM BERG <br> BSE Sensex: 16,371 <br> ASMN IN |
| :--- | ---: |
|  | REUTERS CODE <br> S\&P CNX: 4,942 |
| ASHM.BO |  |, | Equity shares (m) | 78.9 |
| :--- | ---: |
| 52-Week Range | $445 / 105$ |
| 1, 6, 12 Rel. Perf. (\%) | $-12 / 1 / 82$ |
| M. Cap. (Rs b) | 17.3 |
| M. Cap. (US\$ b) | 0.4 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs220 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | Ev/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 03/07A | 12,724 | 1,302 | 16.6 | 37.0 | 13.2 | 4.2 | 47.4 | 45.4 | 1.4 | 9.2 |
| 03/08E | 18,370 | 1,960 | 24.8 | 49.3 | 8.8 | 3.0 | 39.6 | 44.7 | 0.9 | 6.5 |
| 03/09E | 32,378 | 4,137 | 52.4 | 11.0 | 4.2 | 1.8 | 53.7 | 66.7 | 0.5 | 3.1 |
| 03/10E | 38,358 | 5,225 | 66.2 | 26.3 | 3.3 | 1.2 | 43.6 | 54.3 | 0.3 | 2.0 |

\& Ashapura continues to benefit from buoyant demand for bauxite from alumina refineries in coastal China. FY09 will see full impact of higher bauxite volumes and prices, and contribution from other projects including kaolin, barites, mineral processing complex at Antwerp, etc.
25 We expect 4QFY08 sales at Rs5.5b, up $61 \%$ YoY. The key driver will be bauxite volumes, which we expect at 2.2 m tonnes.

2 We have lowered our assumption for bauxite contribution to US\$9 per tonne for FY08E (US\$10 earlier), to factor in penalties for higher moisture content. We expect 4QFY08 EBITDA of Rs812m, up $24 \%$ YoY. Tax rate will be low due to EOU status for bauxite processing units. So, PAT growth should be strong at $57 \%$ to Rs637m.
\& We have also lowered our FY09E bauxite contribution to US\$12 per tonne (US\$13 earlier). As a result, we have downgraded our FY09E PAT 7\% to Rs4.14b.
25 The stock trades at an attractive PE of 4.2 x and EV/EBITDA of 3.3 x FY09E. Our SOTP target price of Rs316 offers $44 \%$ upside from current levels. Buy.

| QUARTERLY Performance (COnsolidated) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 10 | 2 Q | $3 Q$ | 4QE |  |  |
| Net Income | 4,614 | 2,510 | 2,157 | 3,444 | 4,270 | 4,459 | 4,115 | 5,527 | 12,724 | 18,370 |
| Change (\%) | 89.0 | 37.3 | 20.9 | 38.3 | -7.5 | 77.6 | 90.8 | 60.5 | 48.9 | 44.4 |
| Total Expenses | 4,123 | 2,186 | 1,621 | 2,791 | 3,688 | 3,753 | 3,588 | 4,715 | 10,721 | 15,744 |
| EBITDA | 491 | 324 | 537 | 653 | 581 | 706 | 527 | 812 | 2,004 | 2,626 |
| Change (\%) | 97.7 | 17.8 | 44.1 | 84.8 | 18.4 | 118.1 | -1.8 | 24.4 | 60.5 | 31.1 |
| EBITDA Margin (\%) | 10.6 | 12.9 | 24.9 | 18.9 | 13.6 | 15.8 | 12.8 | 14.7 | 15.7 | 14.3 |
| Depreciation | 16 | 17 | 17 | 23 | 21 | 12 | 18 | 48 | 73 | 99 |
| Interest | 31 | 22 | 31 | 31 | 32 | 37 | 35 | 44 | 115 | 147 |
| Other Income | 2 | 5 | 15 | 25 | 9 | 19 | 45 | 17 | 46 | 90 |
| PBT | 446 | 290 | 503 | 623 | 538 | 676 | 519 | 738 | 1,862 | 2,470 |
| Tax | 98 | 75 | 168 | 207 | 154 | 142 | 77 | 103 | 549 | 476 |
| Tax/PBT (\%) | 22.0 | 26.0 | 33.5 | 33.2 | 28.6 | 20.0 | 16.0 | 14.0 | 29.5 | 19.3 |
| Prior period items | 0 | 0 | 0 | -7 | -2 | 0 | -16 | 0 | -7 | -18 |
| Share from associate | 0 | 0 | 0 | -3 | -4 | -5 | -10 | 4 | -3 | -15 |
| Minority interest | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | -1 | -1 |
| Consolidated PAT | 348 | 214 | 334 | 406 | 378 | 530 | 415 | 637 | 1,302 | 1,960 |
| Adjusted PAT | 348 | 214 | 334 | 406 | 378 | 530 | 415 | 637 | 1,302 | 1,960 |
| Change (\%) | 108.8 | 19.5 | 46.2 | 87.6 | 8.5 | 147.3 | 24.2 | 57.1 | 66.2 | 50.6 |
| PAT Margin (\%) | 7.5 | 8.5 | 15.5 | 11.8 | 8.8 | 11.9 | 10.1 | 11.5 | 10.2 | 10.7 |

E: MOSt Estimates
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# Blue Star 

| STOCK INFO. <br> BSE Sensex: 16,371 | BLOOMBERG <br> BLSTR IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 4,942 | BLUS.BO |
| Equity shares (m) | 89.9 |
| 52-Week Range | $548 / 197$ |
| 1, 6, 12 Rel. Perf. (\%) | $-7 / 34 / 73$ |
| M. Cap. (Rs b) | 36.6 |
| M. Cap. (US\$ b) | 0.9 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs407 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | EPS | EPS | PIE | PRVV | RoE | Roce | Ev/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | ROWTH (\%) | (X) | (x) | (\%) | (\%) | Sales | Ebitda |
| 03/07A | 16,013 | 712 | 7.9 | 45.6 | 51.4 | 17.2 | 36.9 | 36.1 | 2.3 | 32.0 |
| 03/08E | 22,578 | 1,654 | 18.4 | 132.4 | 22.1 | 11.2 | 73.4 | 53.1 | 1.7 | 14.8 |
| 03/09E | 30,480 | 2,311 | 25.7 | 39.7 | 15.8 | 8.1 | 59.3 | 66.7 | 1.2 | 10.3 |
| 03/10E | 39,624 | 3,229 | 35.9 | 39.7 | 11.3 | 5.6 | 58.6 | 76.8 | 0.9 | 7.4 |

\& Blue Star's order book at the beginning of 4QFY08 was Rs10.7b, up $29 \%$ YoY. Accordingly, we expect 4QFY08 revenue growth of $35 \%$ YoY to Rs 7.3 b .

* We expect EBITDA margins to improve sharply -460 bps higher at $12.8 \%$. Of this, 200 bps is due to benefits of scale, and increasing "dealer-ization" i.e. delegating installation and maintenance work to technically competent business partners. The balance 230bps is because in 4 QFY 07 , Blue Star provided Rs116m towards employee incentives payable for FY07. In FY08, this has been provided in every quarter.
\& In 4QFY08, Blue Star sold its $29 \%$ stake in Rolastar Pvt Ltd for Rs367.5m, which should lead to extraordinary income of Rs 365 m . Blue Star also completed its Rs 420 m acquisition of Naseer Electricals. We have not incorporated the revenue implications of the same in our estimates.
\& We estimate adjusted PAT of Rs617m, up $82 \%$ YoY. For FY08, we expect adjusted PAT of Rs 1.65 b , up $132 \%$ YoY.
\& The stock trades at a PE of 22.1x FY08E, 15.8x FY09E and 11.3x FY10E. We believe Blue Star will continue to enjoy premium valuation, given its high-quality growth. Maintain Buy with an 18-month target of Rs718 (20x FY10E), $76 \%$ upside.

| QUARTERLY Performance |  |  |  |  |  |  |  |  | (RS MILLION |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 10 | 20 | 3 Q | 4 QE |  |  |
| Operating Income | 3,123 | 3,759 | 3,701 | 5,429 | 4,623 | 5,478 | 5,149 | 7,329 | 16,013 | 22,578 |
| Change (\%) | 35.8 | 33.0 | 40.4 | 36.4 | 48.0 | 45.7 | 39.1 | 35.0 | 36.3 | 41.0 |
| Total Expenses | 2,965 | 3,431 | 3,463 | 4,985 | 4,243 | 4,794 | 4,592 | 6,392 | 14,844 | 20,021 |
| EBITDA | 158 | 328 | 238 | 445 | 379 | 684 | 557 | 937 | 1,169 | 2,557 |
| Change (\%) | 36.1 | 67.5 | 52.2 | 11.7 | 139.4 | 108.4 | 134.3 | 110.7 | 34.9 | 118.7 |
| EBITDA Margin (\%) | 5.1 | 8.7 | 6.4 | 8.2 | 8.2 | 12.5 | 10.8 | 12.8 | 7.3 | 11.3 |
| Depreciation | 43 | 46 | 58 | 62 | 50 | 52 | 55 | 64 | 209 | 222 |
| Interest | 20 | 24 | 22 | 30 | 22 | 16 | 16 | 66 | 95 | 120 |
| Other Income | 5 | 8 | 4 | 44 | 1 | 8 | 1 | 40 | 61 | 50 |
| Extraordinary Inc/ (Exp) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 365 | 0 | 365 |
| PBT | 100 | 266 | 163 | 397 | 308 | 624 | 487 | 1,212 | 926 | 2,631 |
| Tax | 27 | 82 | 48 | 57 | 85 | 164 | 133 | 267 | 214 | 648 |
| Tax/PBT (\%) | 27.1 | 30.9 | 29.2 | 14.4 | 27.5 | 26.3 | 27.3 | 22.0 | 23.1 | 24.6 |
| Reported PAT | 73 | 184 | 115 | 340 | 223 | 460 | 354 | 945 | 712 | 1,982 |
| Adjusted PAT | 73 | 184 | 115 | 340 | 223 | 460 | 354 | 617 | 712 | 1,654 |
| Change (\%) | 44.6 | 58.8 | 66.4 | 34.0 | 205.8 | 149.8 | 208.2 | 81.6 | 45.6 | 132.4 |
| PAT Margin (\%) | 2.3 | 4.9 | 3.1 | 6.3 | 4.8 | 8.4 | 6.9 | 8.4 | 4.4 | 7.3 |

E: MOSt Estimates

# Bombay Rayon 

| STOCK INFO.  <br> BSE Sensex: 16,371 | BLOOMBERG <br> BRFL IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 4,942 | BRFL.BO |
| Equity shares (m) | 63.0 |
| 52-Week Range | $401 / 152$ |
| 1, 6, 12 Rel. Perf. (\%) | $0 / 27 / 60$ |
| M. Cap. (Rs b) | 18.3 |
| M. Cap. (US\$ b) | 0.5 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs290 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | EPS | EPS | P/E | P/BV | roe | Roce | Ev/ | Ev/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07A | 4,894 | 544 | 8.6 | 133.8 | 33.6 | 3.8 | 17.1 | 15.3 | 4.0 | 21.3 |
| 03/08E | 9,872 | 1,159 | 16.8 | 94.2 | 16.1 | 2.8 | 20.9 | 16.0 | 2.8 | 13.0 |
| 03/09E | 15,172 | 1,796 | 26.0 | 54.9 | 11.2 | 2.3 | 22.9 | 15.6 | 2.2 | 9.7 |
| 03/10E | 23,440 | 3,066 | 44.4 | 70.7 | 6.5 | 1.8 | 31.1 | 20.7 | 1.5 | 5.9 |

\& We expect Bombay Rayon to clock EPS CAGR of $47 \%$ during FY08-12E, on the back of -
(1) full utilization at its integrated garment unit near Bangalore (30m garments per annum)
(2) acquisition of Leela Scottish Lace in August 2007 ( 15 m garments per annum),
(3) acquisition of LNJ Apparels in October 2007 ( 1.8 m trousers per annum), and
(4) mega expansion plan in Maharashtra, to be commissioned by mid-FY09 ( 30 m garments and 180 m meters fabric per annum).

* In 4QFY08, Bombay Rayon made yet another acquisition - a 2.4 m garment factory in Kerala International Apparel Park. The Rs 147 m acquisition included Rs 70 m of TUF loan, and the balance was paid out of accruals.
\& By March 2009, Bombay Rayon's consolidated capacity would be $\sim 80 \mathrm{~m}$ garments and 245 m meters of fabric (FY07 capacity: 30 m garments and 65 m meters of fabric).
\& In 4QFY08, we expect a high $86 \%$ YoY growth in sales, $150 \%$ growth in EBITDA and $74 \%$ growth in PAT. For full year FY08, we expect over $100 \%$ growth in standalone sales and PAT.
\& We value standalone Bombay Rayon at Rs533 (12x FY10E), Leela Lace at Rs68 (12x FY10E) and LNJ Apparels at Rs11 (based on DCF). Our 18-month target of Rs612 offers $111 \%$ upside from current levels. Maintain Buy.

| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 20 | 30 | 4Q | 10 | 20 | 30 | 4 QE |  |  |
| Net Income | 812 | 1,033 | 1,316 | 1,733 | 2,013 | 2,246 | 2,388 | 3,226 | 4,894 | 9,872 |
| Change (\%) | 87.3 | 142.1 | 139.6 | 198.6 | 147.8 | 117.5 | 81.4 | 86.2 | 145.9 | 101.7 |
| Total Expenses | 659 | 833 | 1,042 | 1,440 | 1,617 | 1,754 | 1,858 | 2,496 | 3,974 | 7,725 |
| EBITDA | 153 | 200 | 275 | 293 | 396 | 492 | 529 | 730 | 920 | 2,147 |
| Change (\%) | 134.4 | 199.5 | 213.7 | 153.6 | 158.1 | 146.8 | 92.7 | 149.5 | 174.6 | 133.5 |
| EBITDA Margin (\%) | 18.9 | 19.3 | 20.9 | 16.9 | 19.7 | 21.9 | 22.2 | 22.6 | 18.8 | 21.7 |
| Depreciation | 13 | 15 | 35 | 42 | 65 | 66 | 76 | 80 | 105 | 287 |
| Interest | 20 | 31 | 43 | 36 | 54 | 67 | 77 | 87 | 130 | 285 |
| Other Income | 3 | 13 | 11 | 44 | 40 | 16 | 16 | 8 | 71 | 80 |
| Extraordinary inc/ (exp) | 0 | 0 | 0 | 0 | 0 | 78 | 50 | 0 | 0 | 128 |
| PBT | 123 | 167 | 208 | 258 | 317 | 454 | 442 | 571 | 756 | 1,784 |
| Tax | 43 | 56 | 71 | 42 | 97 | 147 | 96 | 195 | 212 | 535 |
| Tax/PBT (\%) | 34.9 | 33.5 | 33.9 | 16.4 | 30.4 | 32.4 | 21.8 | 34.2 | 28.0 | 30.0 |
| PAT | 80 | 111 | 138 | 216 | 221 | 307 | 346 | 376 | 544 | 1,249 |
| Adjusted PAT | 80 | 111 | 138 | 216 | 221 | 252 | 311 | 376 | 544 | 1,159 |
| Change (\%) | 69.1 | 162.6 | 145.3 | 498.6 | 174.6 | 127.4 | 125.8 | 74.4 | 199.3 | 113.0 |
| PAT Margin (\%) | 9.9 | 10.7 | 10.5 | 12.4 | 11.0 | 11.2 | 13.0 | 11.7 | 11.1 | 11.7 |

$\overline{\text { E: MOSt Estimates }}$
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# Everest Kanto Cylinders 

| STOCK INFO. <br> BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | EKCL IN |
|  | reuters code |
| S\&P CNX: 4,942 E | EKCL.BO |
| Equity shares (m) | 97.6 |
| 52-Week Range | 385/158 |
| 1, 6, 12 Rel. Perf. (\%) | (\%) -4/24/43 |
| M. Cap. (Rs b) | 27.1 |
| M. Cap. (US\$ b) | 0.7 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs277 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | EPS | EPS | P/E | P/BV | roe | Roce | Ev/ | Ev/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07A | 4,251 | 718 | 7.4 | 95.5 | 37.7 | 9.0 | 31.7 | 34.4 | 6.0 | 23.8 |
| 03/08E | 5,354 | 1,125 | 11.1 | 51.2 | 25.0 | 5.8 | 28.5 | 30.5 | 5.4 | 17.3 |
| 03/09E | 9,314 | 1,551 | 14.7 | 31.9 | 18.9 | 3.9 | 24.9 | 27.2 | 3.5 | 11.9 |
| 03/10E | 13,505 | 2,335 | 22.1 | 50.6 | 12.6 | 3.1 | 27.3 | 28.2 | 2.4 | 7.9 |

\& Everest Kanto is timely expanding capacities to ride the booming global demand for CNG cylinders, including India and China. FY09 will see the full impact of recent expansions in Dubai, China, India, and also the US acquisition (see next point).
\& In March 2008, Everest Kanto acquired CP Industries, the pressure vessels (i.e. jumbo cylinders) division of Reunion Industries of US. The US\$64.5m acquisition will be funded out of debt and accruals. For CY07, CPI' s sales is about US\$ 38 m and EBITDA of US\$7m.
\& Though EPS neutral, we are convinced the acquisition is an excellent strategic fit - (1) It gives Everest Kanto presence in the developed markets, and completes its global footprint, (2) The company gets excellent access to global clients like Praxair who can be tapped into for sales from its other units in Dubai, India and China, and (3) The group gets to build relationships with at least one more large supplier of seamless tubes, namely US Steel.
\& For 4QFY08, we expect sales of Rs1.7b, up $28 \%$ YoY, EBITDA margin to be in line with long-term guidance of 29$30 \%$ and PAT of Rs339m, up $29 \%$ YoY. For FY08E, we expect PAT growth of $57 \%$ to Rs1.1b.
\& The stock is trading at $25 x$ FY08E, 18.9x FY09E and $12.6 x$ FY10E consolidated earnings. We believe Everest Kanto' s high growth with healthy RoE will sustain rich valuation. We maintain Buy with an 18-month target of Rs442 (20x FY10E).

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3 Q | 4Q | 1Q | 2Q | 3Q | 4QE |  |  |
| Net Income | 796 | 1,001 | 1,118 | 1,336 | 1,113 | 1,277 | 1,255 | 1,708 | 4,251 | 5,354 |
| Change (\%) | 97.6 | 74.4 | 93.8 | 66.7 | 39.9 | 27.6 | 12.3 | 27.8 | 80.5 | 26.0 |
| Total Expenses | 575 | 738 | 800 | 994 | 805 | 881 | 796 | 1,208 | 3,106 | 3,689 |
| EBITDA | 221 | 263 | 318 | 343 | 309 | 397 | 460 | 500 | 1,145 | 1,665 |
| Change (\%) | 116.7 | 60.6 | 98.9 | 110.3 | 39.6 | 50.8 | 44.4 | 46.0 | 94.5 | 45.4 |
| EBITDA Margin (\%) | 27.8 | 26.3 | 28.5 | 25.6 | 27.7 | 31.0 | 36.6 | 29.3 | 26.9 | 31.1 |
| Depreciation | 42 | 44 | 48 | 43 | 43 | 49 | 83 | 70 | 178 | 246 |
| Interest | 9 | 17 | 12 | 16 | 16 | 26 | 29 | 43 | 53 | 114 |
| Other Income | 6 | 6 | 12 | 15 | 9 | 19 | 25 | 17 | 40 | 70 |
| Extraordinary inc/ (exp) | 0 | 0 | 0 | 0 | 0 | 12 | 3 | 0 | 0 | 15 |
| PBT | 176 | 208 | 270 | 299 | 259 | 353 | 375 | 403 | 953 | 1,390 |
| Tax | 62 | 72 | 66 | 36 | 36 | 69 | 80 | 65 | 236 | 250 |
| Tax/PBT (\%) | 35.0 | 34.6 | 24.5 | 12.1 | 14.0 | 19.6 | 21.4 | 16.0 | 24.7 | 18.0 |
| PAT | 115 | 136 | 204 | 263 | 223 | 284 | 294 | 339 | 718 | 1,140 |
| Adjusted PAT | 115 | 136 | 204 | 263 | 223 | 272 | 292 | 339 | 718 | 1,125 |
| Change (\%) | 144.6 | 45.9 | 133.4 | 144.6 | 94.0 | 99.6 | 43.2 | 28.8 | 114.2 | 56.7 |
| PAT Margin (\%) | 14.4 | 13.6 | 18.2 | 19.7 | 20.0 | 21.3 | 23.2 | 19.8 | 16.9 | 21.0 |

$\overline{\text { E: MOSt Estimates }}$

# Great Offshore 

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | GOFF IN |
|  | REUTERS CODE |
| S\&P CNX: 4,942 | GOFS.BO |


| 28 March 2008 |  |  |  |  |  |  |  | Under Review |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Under Review |  |  |  |  |  |  |  |  |  | Rs642 |
| Year | net Sales | PAT | EPS | EPS | P/E | P/BV | roe | roce | EV/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | SALES | ebitda |
| 03/07A | 5,822 | 1,452 | 38.1 | 49.6 | 16.8 | 4.0 | 23.5 | 14.1 | 5.4 | 11.9 |
| 03/08E | 7,198 | 1,930 | 50.6 | 32.9 | 12.7 | 3.1 | 29.4 | 11.7 | 4.6 | 9.1 |
| 03/09E | 8,345 | 3,313 | 79.4 | 56.9 | 8.1 | 2.0 | 24.6 | 14.8 | 3.9 | 6.5 |
| 03/10E | 10,604 | 3,441 | 82.5 | 3.9 | 7.8 | 1.7 | 21.6 | 16.1 | 2.7 | 4.7 |

\& We expect 4QFY08 for Great Offshore to be the best quarter in terms of reported PAT. However, adjusted PAT would be dragged down due to Rs 88 m preference dividend and dividend tax on $10 \%$ preference shares worth Rs 1.5 b issued to Exim Bank in October 2007.
\& In 4QFY08, Great Offshore made three asset-related announcements - (1) acquisition of a flat cargo carrier (named Malaviya Thirty-Three) for US\$14m, (2) Sale of an AHTSV (Malaviya Nine) for an undisclosed amount, and (3) Proposed acquisition of an overseas firm which has two ultra deep-water, semi-submersible rigs under construction worth US\$1.4b. This deal is under due diligence, and the full details are not yet made public.
$\approx$ For FY08, we expect Great Offshore to report consolidated revenue of Rs 7.2 b , up $24 \%$, and adjusted PAT of Rs 1.9 b , up $36 \%$. Our current FY09 and FY10 estimates will need to be revised to incorporate the proposed mega acquisition.
2. The stock trades at a PE of $12.7 x$ FY08E. Considering the recent sharp drop in stock price, the company also plans to consider buyback of shares worth Rs552m at a price not exceeding Rs750. However, our target price and rating remains under review, as we believe the acquisition will have a major impact on earnings and the balance sheet.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 * |  |  |  | FY08 \# |  |  |  | FY07\# | FY08E |
|  | 10 | 2 O | 3 Q | 4 Q | 10 | 2 Q | 30 | 4QE |  |  |
| Operating Income | 1,122 | 1,271 | 1,483 | 1,493 | 1,450 | 1,523 | 2,080 | 2,144 | 5,822 | 7,198 |
| Change (\%) | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | 49.9 | 23.6 |
| Total Expenses | 543 | 646 | 761 | 812 | 1,090 | 921 | 792 | 773 | 3,194 | 3,576 |
| EBITDA | 579 | 624 | 722 | 681 | 360 | 602 | 1,288 | 1,371 | 2,628 | 3,621 |
| Change (\%) | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | 62.5 | 37.8 |
| EBITDA Margin (\%) | 51.6 | 49.1 | 48.7 | 45.6 | 24.8 | 39.5 | 61.9 | 64.0 | 45.1 | 50.3 |
| Depreciation | 137 | 147 | 193 | 220 | 236 | 231 | 263 | 307 | 709 | 1,038 |
| Interest | 58 | 73 | 95 | 133 | 136 | 145 | 211 | 161 | 361 | 653 |
| Other Income | 36 | 9 | 6 | 27 | 83 | 90 | 58 | 69 | 79 | 300 |
| Extraordinary Inc/ (Exp) | 0 | 0 | 0 | 0 | 207 | 83 | 18 | 0 | 0 | 309 |
| PBT | 421 | 414 | 439 | 354 | 277 | 399 | 890 | 972 | 1,638 | 2,539 |
| Tax | 70 | 26 | 64 | 54 | -4 | 23 | 89 | 105 | 186 | 213 |
| Tax/PBT (\%) | 16.6 | 6.3 | 14.5 | 15.4 | -1.6 | 5.8 | 10.0 | 10.8 | 11.3 | 8.4 |
| Reported PAT | 351 | 388 | 375 | 299 | 282 | 376 | 801 | 867 | 1,452 | 2,326 |
| Adjusted PAT | 351 | 388 | 375 | 299 | 74 | 293 | 783 | 779 | 1,452 | 1,930 |
| Change (\%) | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | 49.6 | 32.9 |
| PAT Margin (\%) | 31.3 | 30.5 | 25.3 | 20.0 | 5.1 | 19.2 | 37.6 | 36.3 | 24.9 | 26.8 |

E: MOSt Estimates; * Standalone; \# Consolidated

# Greaves Cotton 

| STOCK INFO. <br> BSE Sensex: 16,371 | BLOOMBERG |
| :---: | :---: |
|  | GRV IN |
|  | REUTERS CODE |
| S\&P CNX: 4,942 GR | GRVL.BO |
| Equity shares (m) | 48.8 |
| 52-Week Range | 466/173 |
| 1, 6, 12 Rel. Perf. (\%) | (\%) -9/-25/-57 |
| M. Cap. (Rs b) | 10.8 |
| M. Cap. (US\$ b) | 0.3 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs220 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | EV/ | Ev/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 06/07A | 10,867 | 1,216 | 24.9 | 63.3 | 8.8 | 3.6 | 48.0 | 47.7 | 0.8 | 6.3 |
| 06/08E | 12,550 | 1,153 | 23.6 | -5.2 | 9.3 | 2.9 | 34.7 | 40.3 | 0.7 | 6.0 |
| 06/09E | 16,184 | 1,459 | 29.9 | 26.6 | 7.4 | 2.3 | 34.7 | 48.5 | 0.5 | 4.2 |
| 06/10E | 19,653 | 1,869 | 38.3 | 28.1 | 5.8 | 1.8 | 35.1 | 48.6 | 0.4 | 3.1 |

\& In 3QFY08, we expect engine sales to be down $9 \%$ YoY due to - (1) $6 \%$ degrowth in three-wheelers on account of higher interest rates and cannibalization by Tata Ace, and (2) $14 \%$ degrowth in non-auto engines sales due to highbase effect of defence orders in 3QFY07.
\& Engine sales de-growth should be offset by high $75 \%$ YoY growth in infrastructure equipment, leading to total sales growth of 9\% YoY to Rs3.1b.

2* Given high operating leverage in the slowing auto engines business, we expect EBITDA margin to drop 350bps YoY to $13.3 \%$. Expected PAT is Rs 285 m , down $16 \%$ YoY. The fall in PAT is lower than fall in the $19 \%$ fall in PBT due to MAT credit of Rs 40 m .
\& Greaves has lined up new range of engines and infrastructure equipment. We expect the full benefit of this to be felt from 4QFY08.
\& The stock is currently trading at 7.4x FY09E EPS of Rs29.9. We maintain Buy with a target of Rs359 (12x FY09E).

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E JUNE | FY07 |  |  |  | FY08 |  |  |  | FY07\# | FY08E\# |
|  | 10 | 20 | 30 | 4 Q | 1 Q | 2 Q | 3QE | 4QE |  |  |
| Net Sales* | 2,488 | 2,835 | 2,856 | 2,482 | 2,723 | 3,001 | 3,110 | 3,232 | 10,867 | 12,550 |
| Change (\%) | 30.9 | 36.6 | 35.0 | 10.7 | 9.5 | 5.9 | 8.9 | 30.2 | 30.2 | 15.5 |
| Total Expenses | 2,093 | 2,361 | 2,377 | 2,208 | 2,374 | 2,571 | 2,695 | 2,815 | 9,237 | 10,875 |
| EBITDA | 395 | 474 | 478 | 273 | 350 | 429 | 414 | 417 | 1,630 | 1,675 |
| Change (\%) | 33.5 | 39.8 | 54.0 | -14.9 | -11.5 | -9.4 | -13.4 | 52.5 | 22.1 | 2.8 |
| EBITDA Margin (\%) | 15.9 | 16.7 | 16.8 | 11.0 | 12.8 | 14.3 | 13.3 | 12.9 | 15.0 | 13.3 |
| Depreciation | 37 | 39 | 42 | 42 | 50 | 51 | 60 | 67 | 176 | 239 |
| Interest | 32 | 51 | 41 | 32 | 55 | 49 | 53 | 38 | 187 | 200 |
| Other Income | 21 | 28 | 26 | 58 | 25 | 21 | 42 | 75 | 174 | 168 |
| PBT | 348 | 412 | 421 | 257 | 270 | 350 | 344 | 387 | 1,440 | 1,404 |
| Tax | 102 | 114 | 82 | -84 | 32 | 56 | 59 | 105 | 224 | 251 |
| Tax/PBT (\%) | 29.4 | 27.6 | 19.5 | -32.6 | 11.8 | 15.9 | 17.0 | 27.2 | 15.6 | 17.9 |
| Reported PAT | 246 | 298 | 339 | 341 | 238 | 295 | 285 | 282 | 1,216 | 1,153 |
| Adjusted PAT | 246 | 298 | 339 | 341 | 238 | 295 | 285 | 282 | 1,216 | 1,153 |
| Change (\%) | 66.4 | 66.3 | 59.3 | 53.1 | -3.1 | -1.2 | -15.9 | -17.2 | 63.3 | -5.2 |
| PAT Margin (\%) | 9.9 | 10.5 | 11.9 | 13.7 | 8.7 | 9.8 | 9.2 | 8.7 | 11.2 | 9.2 |

E: MOSt Estimates; * - net of estimated excise; \# Consolidated

| BSE Sensex: 16,371 | bloomberg |
| :---: | :---: |
|  | TAJG IN |
|  | reuters code |
| S\&P CNX: 4,942 | TAJG.BO |
| Equity shares (m) | 62.7 |
| 52-Week Range | 205/100 |
| 1, 6, 12 Rel. Perf. | (\%) -12/-19/-67 |
| M. Cap. (Rs b) | 6.7 |
| M. Cap. (US\$ b) | 0.2 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  | Buy <br> Rs107 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | Ev/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 03/07A | 2,429 | 644 | 10.3 | 39.7 | 10.4 | 3.5 | 37.3 | 41.2 | 3.0 | 6.2 |
| 03/08E | 2,623 | 715 | 11.4 | 11.1 | 9.4 | 2.8 | 33.1 | 38.4 | 2.8 | 5.9 |
| 03/09E | 3,295 | 933 | 14.9 | 30.5 | 7.2 | 2.2 | 34.3 | 40.0 | 2.3 | 4.7 |
| 03/10E | 3,821 | 1,074 | 17.1 | 15.1 | 6.2 | 1.8 | 31.7 | 37.9 | 1.9 | 3.8 |

${ }_{2}$ \& TajGVK Hotels is the hotels market leader in Hyderabad. It operates three 5-star hotels in Hyderabad with 526 rooms out of 1,400 rooms in the city. It also operates one 5 -star hotel in Chandigarh with 152 rooms out of 325 rooms in the city.
2. We have lowered our FY08 PAT estimates by $2.7 \%$ to Rs 715 m due to delay in the Chennai hotel (expected to commence in 1QFY09 vs 4QFY08 earlier). Our FY09 estimate remains unchanged. We have lowered our FY10 PAT estimate by $6.4 \%$ to Rs 1.07 b , due to delay in Begumpet (Hyderabad) hotel, and change in the Amritsar plan from leased hotel to owned hotel, leading to a delay here as well.
\& The demand in Hyderabad and Chandigarh continues to be healthy and hotel room supply still remains low. In 4QFY08, we expect TajGVK to post combined ARR of Rs8,800 and OR of $83 \%$. EBITDA margin is expected to decrease mainly on account of higher growth rate in $\mathrm{F} \& \mathrm{~B}$ revenue than growth in room revenue.
\& The stock trades at a PE of 7.2 x FY09E and 6.2x FY10E. We lowered our target price from Rs250 to Rs228 [average of (16x FY09-Rs238, DCF-Rs228 and EV/Room-Rs219)]. We maintain Buy, with an upside of $113 \%$.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3QE | 4QE |  |  |
| Net Sales | 610 | 566 | 579 | 678 | 565 | 591 | 705 | 762 | 2,429 | 2,623 |
| Change (\%) | 74.0 | 67.8 | 38.0 | 30.3 | -7.3 | 4.5 | 21.6 | 12.5 | 28.7 | 8.0 |
| Total Expenses | 326 | 300 | 311 | 342 | 306 | 315 | 377 | 403 | 1,291 | 1,401 |
| EBITDA | 284 | 266 | 269 | 336 | 259 | 277 | 328 | 359 | 1,139 | 1,222 |
| Change (\%) |  | 85.0 | 49.5 | 36.9 | -8.7 | 4.0 | 21.9 | 6.8 | 35.2 | 7.3 |
| EBITDA Margin (\%) | 46.6 | 47.0 | 46.4 | 49.6 | 45.9 | 46.8 | 46.5 | 47.1 | 46.9 | 46.6 |
| Depreciation | 39 | 33 | 32 | 28 | 30 | 27 | 29 | 28 | 112 | 114 |
| Interest | 12 | 12 | 10 | 7 | 7 | 7 | 7 | 6 | 31 | 27 |
| Other Income | 0 | 3 | 2 | 7 | 7 | 3 | 4 | 5 | 13 | 18 |
| PBT | 233 | 224 | 229 | 308 | 229 | 246 | 295 | 329 | 1,008 | 1,099 |
| Tax | 80 | 76 | 78 | 120 | 78 | 86 | 103 | 117 | 364 | 384 |
| Tax/PBT (\%) | 34.3 | 33.8 | 33.9 | 39.0 | 34.1 | 34.9 | 34.9 | 35.5 | 36.1 | 34.9 |
| Reported PAT | 153 | 148 | 152 | 188 | 151 | 160 | 192 | 212 | 644 | 715 |
| Adjusted PAT | 153 | 148 | 152 | 188 | 151 | 160 | 192 | 212 | 644 | 715 |
| Change (\%) | 115.2 | 98.4 | 60.7 | 34.5 | -1.4 | 8.1 | 26.7 | 12.7 | 39.7 | 11.1 |
| PAT Margin (\%) | 25.1 | 26.1 | 26.2 | 27.8 | 26.7 | 27.1 | 27.3 | 27.8 | 26.5 | 27.3 |

$\overline{\text { E: MOSt Estimates }}$

# United Phosphorus 

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 16,371 | UNTP IN |
|  | REUTERS CODE |
| S\&P CNX: 4,942 | UNPO.BO |
| Equity Shares (m) |  |
| 52-Week Range (Rs) | 211.7 |
| 1,6,12 Rel. Perf. (\%) | $-925 /-28 /-44$ |
| M.Cap. (Rs b) | 56.1 |
| M.Cap. (US\$ b) | 1.4 |


| 28 March 2008 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs265 |
| YEAR | NET SALES | PAT | EPS | EPS | P/E | P/BV | ROE | ROCE | EV/ | EV/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 03/07A | 24,710 | 2,884 | 14.3 | 33.9 | 18.5 | 3.3 | 20.8 | 13.9 | 2.7 | 11.5 |
| 03/08E | 36,931 | 3,975 | 15.5 | 8.1 | 17.1 | 2.1 | 19.4 | 14.1 | 1.6 | 7.5 |
| 03/09E | 41,867 | 5,423 | 21.2 | 36.4 | 12.5 | 1.8 | 18.9 | 17.0 | 1.3 | 5.3 |
| 03/10E | 46,419 | 6,968 | 27.2 | 28.5 | 9.7 | 1.5 | 20.3 | 19.9 | 1.0 | 4.0 |

Excluding Advanta \& Cerexagri
2s We expect United Phosphorus (UPL) to report $13 \%$ YoY growth in consolidated revenues to Rs11.2b, driven by $13.6 \%$ growth in domestic market and $20 \%$ in RoW markets. These results are not comparable due to consolidation of acquired product and ICONA. Our estimates do not factor in the Evofarms acquisition pending further details.
\& EBITDA margins are likely to remain stable at $21.9 \%$, impacted by consolidation of Cerexagri. Lower interest cost (down $21 \%$ ) would boost recurring PAT growth to $14 \%$ to Rs1.55b. However, after accounting for Rs1.4b of restructuring cost for Cerexagri, the company would report a loss of Rs38m.

2 The company is writing-off product registration/acquisition cost of Rs5.4b in standalone accounts against securities premium account. This financial restructuring would add around Rs1.25 to its EPS ( $\sim 6 \%$ to FY09E EPS). Our estimates do not yet factor in this financial restructuring.
e We are revising our EPS estimates (fully diluted) up by $1.4 \%$ for FY09 to Rs21.2 and by $1 \%$ for FY10 to Rs27.2 to factor in lower than estimated depreciation. Valuations at 12.5 x FY09E EPS and an EV of 5.3 x EBITDA do not reflect the company's growth potential (both organic and inorganic). We maintain $\mathbf{B u y}$.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08* |  |  |  | FY07 | FY08E |
|  | 10 | 2 O | 30 | 4 Q | 10 | 20 | 30 | 4QE |  |  |
| Gross Revenues | 4,804 | 5,169 | 4,840 | 9,897 | 8,450 | 8,867 | 8,094 | 11,205 | 24,709 | 36,931 |
| Yo Y Change (\%) | 17.9 | 18.0 | 25.8 | 73.1 | 75.9 | 71.5 | 67.2 | 13.2 | 37.1 | 49.5 |
| Total Expenditure | 3,589 | 3,824 | 3,671 | 7,743 | 6,754 | 7,123 | 6,628 | 8,755 | 18,827 | 29,260 |
| EBITDA | 1,215 | 1,345 | 1,169 | 2,154 | 1,697 | 1,743 | 1,466 | 2,450 | 5,883 | 7,671 |
| Margins (\%) | 25.3 | 26.0 | 24.1 | 21.8 | 20.1 | 19.7 | 18.1 | 21.9 | 23.8 | 20.8 |
| Depreciation | 360 | 370 | 409 | 517 | 505 | 503 | 487 | 495 | 1,656 | 1,989 |
| Interest | 241 | 219 | 183 | 403 | 320 | 331 | 294 | 320 | 1,046 | 1,265 |
| PBT before EO Expense | 614 | 755 | 577 | 1,234 | 872 | 910 | 685 | 1,635 | 3,181 | 4,417 |
| Extra-Ord Expense | 0 | 0 | 0 | 76 | 0 | 0 | 0 | 1,374 | 76 | 1,374 |
| PBT after EO Expense | 614 | 755 | 577 | 1,158 | 872 | 910 | 685 | 261 | 3,105 | 3,043 |
| Tax | 22 | 4 | 47 | 79 | 139 | 10 | 22 | 270 | 153 | 442 |
| Deferred Tax | 51 | 94 | 174 | 52 | 0 | 102 | 179 | 28 | 372 | 309 |
| Rate (\%) | 12.0 | 13.1 | 38.2 | 11.4 | 15.9 | 12.3 | 29.4 | 114.5 | 16.9 | 24.7 |
| Reported PAT | 541 | 656 | 357 | 1,026 | 733 | 798 | 484 | -38 | 2,580 | 2,292 |
| Income from associate co | 0 | 0 | 0 | 242 | 4 | 85 | 2 | 219 | 242 | 310 |
| Adjusted PAT | 541 | 656 | 357 | 1,335 | 738 | 883 | 485 | 1,554 | 2,885 | 3,975 |
| YoY Change (\%) | 40.8 | 39.1 | 54.2 | 20.2 | 36.5 | 34.6 | 36.1 | 16.4 | 32.4 | 37.8 |
| Margins (\%) | 11.3 | 12.7 | 7.4 | 13.5 | 8.7 | 10.0 | 6.0 | 13.9 | 11.7 | 10.8 |

E: MOSt Estimates; *Excludes Cerexagri' s restructuring cost
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## Disclosure of Interest Statement

The MOSt group and its Directors own shares in the following companies covered in this report: Aventis Pharma, Bharat Electronics, Bharti Airtel, Birla Corporation, GSK Pharma, Hero Honda, IOC, Marico, Pfizer, Ranbaxy Labs., Siemens, State Bank, Tata Motors and Tata Steel.

MOSt has broking relationships with a few of the companies covered in this report.
MOSt is engaged in providing investment-banking services in the following companies covered in this report: Great Offshore
This information is subject to change without any prior notice. MOSt reserves the right to make modifications and alternations to this statement as may be required from time to time. Nevertheless, MOSt is committed to providing independent and transparent recommendations to its clients, and would be happy to provide information in response to specific client queries.


[^0]:    Source: Bloomberg/Motilal Oswal Securities

[^1]:    * Tata Steel Standalone; Bajaj Auto numbers are pre-demerger

    Source: Motilal Oswal Securities

[^2]:    Amit Kasat(AKasat@MotilalOswal.com);Tel:+91 223982 5411/Rohan A Korde (RohanKorde@MotilalOswal.com); Tel: + 912239825414

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[^9]:    E: MOSt Estimates; HTM ammortisation is included in the other income

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[^11]:    E: MOSt Estimates

[^12]:    *Under Review

[^13]:    * Consolidated; pre-exceptionals

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[^16]:    Standalone

[^17]:    Consolidated

[^18]:    Nimish Desai (Nimishdesai@MotilalOswal.com); Tel: +91 22 39825406/Jinesh K Gandhi (Jinesh@MotilalOswal.com); Tel +91 2239825416

[^19]:    E: MOSt Estimates; Quaterly results have been recasted and hence do not tally with full year results

[^20]:    Siddharth Bothra (Sbothra@MotilalOswal.com)/Satyam Agarwal(Agarwals@MotilalOswal.com)/Mansi Trivedi(Mansi.Trivedi@MotilalOswal.com)

[^21]:    Amnish Aggarwal(AmnishAggarwal@MotilalOswal.com)Tel:+912239825404/Amit Purohit (AmitPurohit@MotilalOswal.com)Tel: +9122 39825418

[^22]:    Amnish Aggarwal(AmnishAggarwal@MotilalOswal.com)Tel:+912239825404/Amit Purohit (AmitPurohit@MotilalOswal.com)Tel: +9122 39825418

[^23]:    Shobhit Khare (Shobhit.Khare@MotilalOswal.com); Tel: +91 2239825428

[^24]:    Source: Industry/CRISIL Research

[^25]:    *Under Review

[^26]:    *Under Review

