## India Strategy

\(\left.\begin{array}{|r}\hline Continued upswing <br>
in global equities <br>
and unprecedented <br>
FII inflows... <br>
<br>
..together with easing of <br>
concerns relating to <br>
inflation and rate hikes... <br>
_.have led to Sensex <br>
valuations crossing <br>
historical averages on <br>
all parameters <br>
Estimated earnings <br>
growth at 16 \% for <br>
2QFY08 is the lowest in <br>

the last six quarters\end{array}\right\}\)| Adopt a sector / stock- |
| ---: |
| specific investment |
| approach to maximize |
| returns |




## Contents



# India Strategy 



From 'half full' in April 2007... ...to 'joyous ride' in July 2007

...to 'euphoric times' -Oct. 2007


## Diwali*... a month earlier!!

The festival of Diwali has arrived a month earlier in the Indian markets. The BSE Sensex has continued its upward march during 2QFY08, closing the quarter at an all-time high of 17,291 . The markets have delivered returns of $18 \%$, after posting $12 \%$ returns in QPFY08. From a state of 'joyous ride' (title of our last Strategy report dated 6 July 2007) in 1QFY08, we are now in ' euphoric times'. Continued upswing in global equities (most global markets are at all-time highs), unprecedented injection of liquidity by FIIs (net FII flows were over US\$7b in 2QFY08), easing of concerns relating to inflation and rate hikes have been the key drivers of this performance.

Post this strong performance, valuations of BSE Sensex have crossed historical averages on all parameters. The BSE Sensex now trades at FY08E P/E of 20.2x (15-year average is 18.3 x ), $\mathrm{P} / \mathrm{B}$ of 4.4 x ( $15-\mathrm{ye}$ ar average is 2.1 x ) and earnings yield to bond yield of 0.63 x ( 15 -year average is 0.73 x ). Valuations higher than historic averages are driven by opportunities from the next trillion-dollar GDP and strong government finances, besides strong liquidity and easing interest rates. However, some of the risks that this liquiditydriven rally is ignoring are slower momentum in earnings, valuations at the higher end of averages and fragile political scenario.

We estimate 2QFY08 earnings growth at $16 \%$ for Sensex, as compared to $27 \%$ in 1 QFY08 and an average growth of $26 \%$ in the last nine quarters. The slowdown in growth is largely due to the impact of rupee appreciation on export-oriented businesses and continued impact of higher interest rates on Autos. Our profit estimates could see upsides for the quarter, due to forex gains and other income (in 1 QFY08, earnings grew of $27 \% \mathrm{v} / \mathrm{s}$ our estimate of $18 \%$, led by higher other income). We are estimating $19 \%$ growth in Sensex EPS in FY08 to Rs 855 and $18 \%$ growth in FY09 to Rs 1,007 .

Our target range for the Sensex, based on FY09E earnings is $16,300-18,300$ (14-16x FY09E EPS plus 2,300 points of embedded value). In the near-term, excessive liquidity has the potential to take the market index beyond our target range. We would recommend staying invested in sectors where valuations are reasonable considering the earnings growth or where we expect changes in macro-economic environment to lead to positive surprises. Our top bets are Wireless and Financials. We would also favor Cement and Metals, given the scope of earnings upgrades ahead. Moreover, our view on Autos and Real Estate is positive, as lower interest rates in the next 12 months could lead to positive surprises and valuation re-rating.

Our top large-cap bets are Bharti, SBI, Axis Bank, Maruti, Unitech, Tata Steel, ITC, Ranbaxy, and Grasim. Amongst the mid-caps, we prefer Sintex, Puravankara, Nagarjuna Construction, Bombay Rayon, Indian Bank, United Phosphorus, Birla Corp and Dish TV.

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## 2QFY08 - Sensex at new highs, making several records

The Sensex gained $18 \%$ in 2QFY08 to close at an alltime high of 17,291...

In 2QFY08, the BSE Sensex gained $18 \%$ to close at an all-time high of 17,291 , following a $12 \%$ gain in 1QFY08. W ith this, the BSE Sensex is up $25 \%$ in CY07 YTD - the sixth consecutive year of positive returns.

SENSEX RETURN OVER THE PAST 41 QUARTERS (\%)


Source: Motilal Oswal Securities

The quarter also witnessed several new records created in a short time period:
es highest absolute rise in any quarter - 2,641 points (or $18 \%$ )
\& highest ever single-day absolute rise - 654 points on 19 September 2007
\& fastest ever 1,000 -point rise $-16,000$ to 17,000 in six trading sessions
\& first 12-day successive positive run since 1995 - only the 3rd such occurrence in the last 28 years


Source: Motilal Oswal Securities

| FIRST 12-DAY SUCCESSIVE positive run since 1995 |  |
| :---: | :---: |
|  |  |
| DATE | CONTINUOS DAY |
|  | positive return |
| 9-Jun-83 | 11 |
| 6-Jul-90 | 10 |
| 10-Mar-92 | 11 |
| 22-Nov-93 | 12 |
| 27-Jul-95 | 16 |
| 18-Jun-96 | 10 |
| 25-Jan-01 | 10 |
| 13-Oct-03 | 11 |
| 13-Sep-05 | 10 |
| 3-Oct-07 | 12 |


| SENSEX | DATE | No of CALENDER DAYS |
| :---: | :---: | :---: |
| 100 | 3-Apr-79 |  |
| 1,000 | 25-Jul-90 | 4,131 |
| 2,000 | 15-Jan-92 | 539 |
| 3,000 | 29-Feb-92 | 45 |
| 4,000 | 30-Mar-92 | 30 |
| 5,000 | 8-Oct-99 | 2,748 |
| 6,000 | 11-Feb-00 | 126 |
| 7,000 | 20-Jun-05 | 1,956 |
| 8,000 | 08-Sep-05 | 80 |
| 9,000 | 28-Nov-05 | 81 |
| 10,000 | 06-Feb-06 | 70 |
| 11,000 | 21-Mar-06 | 43 |
| 12,000 | 20-Apr-06 | 30 |
| 13,000 | 30-Oct-06 | 193 |
| 14,000 | 05-Dec-06 | 36 |
| 15,000 | 06-Jul-07 | 213 |
| 16,000 | 19-Sep-07 | 75 |
| 17,000 | 26-Sep-07 | 7 |

We believe that with markets and valuations at new highs, it is important to focus on both the positives and the risks. Amongst the key positives that we see are:sustained liquidity in Indian equities, ease in domestic interest rates, opportunities from the next trillion-dollar GDP, and strong government finances. The key risks that the markets appear to be ignoring are: slower momentum in earnings, valuations at the higher end of averages, fragile political scenario.

## Global trends driving the local markets

.. in tandem with global indices, several of which have also hit all-time highs

Several global indices, including BRICs, have hit their all-time highs in CY07 so far. The upswing in global equities has had a positive impact on Indian markets also. Indian markets have been amongst the best performers in 3QCY07, making up for their underperformance in the earlier part of the year.


Source: Bloomberg/Motilal Oswal Securities

Of the 30 Sensex stocks, 11 have managed to outperform the Index in CY07 YTD. While Reliance Energy has managed to outperform every Index stock by a huge marg in, bulk of the performance came in the recent quarter. Reliance Industries, Financials and Engineering have also been key outperformers.

| COMPANY NAME | SECTOR | PRICE 29/12/2006 | PRICE 28/09/2007 | YTD CHG (\%) |
| :---: | :---: | :---: | :---: | :---: |
| Reliance Energy | Utilities | 520 | 1,206 | 131.9 |
| Larsen \& Toubro | Engineering | 1,443 | 2,813 | 94.9 |
| Reliance Inds. | Oil \& Gas | 1,270 | 2,296 | 80.8 |
| BHEL | Engineering | 1,149 | 2,033 | 76.9 |
| Tata Steel | Metals | 482 | 850 | 76.3 |
| St Bk of India | Banking | 1,246 | 1,951 | 56.6 |
| HDFC | Banking | 1,625 | 2,527 | 55.6 |
| Bharti Airtel | Telecom | 629 | 941 | 49.7 |
| NTPC | Utilities | 136 | 193 | 41.8 |
| HDFC Bank | Banking | 1,070 | 1,439 | 34.5 |
| Grasim Inds. | Cement | 2,789 | 3,513 | 26.0 |
| BSE Sensex |  | 13,787 | 17,291 | 25.4 |
| Reliance Communi | Telecom | 471 | 586 | 24.3 |
| ICICI Bank | Banking | 890 | 1,063 | 19.4 |
| Ranbaxy Labs. | Pharma | 392 | 434 | 10.9 |
| O N G C | Oil \& Gas | 870 | 958 | 10.1 |
| ACC | Cement | 1,086 | 1,195 | 10.1 |
| пC | FMCG | 176 | 190 | 7.8 |
| Maruti Suzuki | Auto | 927 | 1,000 | 7.8 |
| Ambuja Cem. | Cement | 141 | 144 | 1.8 |
| Hind. Unilever | FMCG | 217 | 219 | 1.3 |
| Hindalco Inds. | Metals | 174 | 172 | -1.2 |
| Bajaj Auto | Auto | 2,619 | 2,540 | -3.0 |
| Satyam Computer | T | 484 | 444 | -8.4 |
| TCS | $\pi$ | 1,219 | 1,057 | -13.3 |
| Tata Motors | Auto | 900 | 778 | -13.6 |
| Infosys Tech. | T | 2,241 | 1,897 | -15.3 |
| M \& M | Auto | 906 | 752 | -17.0 |
| Dr Reddy's Labs. | Pharma | 811 | 649 | -20.0 |
| Wipro | T | 605 | 460 | -23.9 |
| Cipla | Pharma | 251 | 182 | -27.2 |

Increased global liquidity is driving up equity valuations. For the first 78 days of the quarter, the BSE Sensex was up $7 \%$. Then, on 18 September, the Fed announced a 50 bp cut in its funds rate. That caused the market to shoot up by another $10 \%$ in just eight days. Net FII investments in September 2007 hit an all-time high of US $\$ 4.4$ b.


Source: Motilal Oswal Securities

The quarter witnessed significant volatility in market movements and views, globally. The first half of the quarter was dominated by sub-prime woes, which led to a significant correction in global equity indices. Indian markets also reacted, with the BSE Sensex declining from its high of 15,795 to 13,989 on 21 August 2007. As the global markets recovered from the sub-prime concerns and the US Fed reduced its key rates by 50bp, Indian markets witnessed significant interest from all classes of investors.

FIIs have injected unprecedented liquidity into Indian stock markets...
..causing valuations of Indian equities to cross their historical averages

From a low of 13,989 in 21 August 2007, the Sensex gained $24 \%$ to close the quarter at 17,291 . The underperformance of Indian equities $v / s$ other emerging markets narrowed in 3QCY07. Unprecedented FII flows were the key contributors to this rise. In 2QFY08, net FII inflows were US\$7.3b, just marginally lower than the total FII inflows of US\$8b in CY06. As the India story becomes more exciting, we do not rule out higher proportion of flows to India, going forward.

## Liquidity-driven rally ignoring valuations

Post the sharp gains over the last two quarters, the valuations of Indian equities have now crossed their historical averages. We believe that the strong inflows from FIIs and domestic institutions (largely insurance companies) have further potential to drive up valuations. This exuberance comes at a time when earnings growth is amongst the lowest in the last five years and RoEs are on a decline. The significant increase in the embedded values of several large stocks have also played an important role in driving up the markets.


Source: Motilal Oswal Securities

## Earnings growth momentum showing some slowdown in FY08

Earnings growth has slowed down in FY08...

For the last five years, SensexEPS has grown at a CAGR of $27 \%$. Our estimates indicate an EPS growth of $19 \%$ in FY08 and $18 \%$ growth in FY09. In 1QFY08, we saw some sign of a slowdown, with revenue growth of $15 \%$ and EBITDA growth of $17 \%$. Profit growth was higher at $27 \%$ due to higher contribution from other income.



Source: Motilal Oswal Securities
..and current market valuations leave little room for earnings disappointments

Our estimates for 2QFY08 indicate sales growth of $12 \%$, EBITDA growth of $18 \%$ and profit growth of $16 \%$. In the last several quarters, profits have tended to be $4-5 \%$ higher than estimates. Going forward, this trend will need to be sustained, as current market valuations leave little room for earnings dis appointments. Already, sales in the last two quarters have been lower than estimated. Stronger rupee, rising domestic and global competition, and cost-push (mainly employee costs) may make it increasingly difficult for companies to surpass expectations on a sustained basis.


We did a top-down analysis of the key assumptions in arriving at our earnings growth estimates for various sectors. While rupee appreciation remains a big threat to earnings estimates, we also expect the high base impact in sectors such as Wireless and Cement to slow down earnings momentum. Sectors that could give positive surprises are FMCG, Banking and Steel.


Source: Motilal Oswal Securities

| COMPANY | WEIGHT IN <br> INDEX (\%) | PAT GROWTH (\%) |  | RISK TO EARNINGS |
| :---: | :---: | :---: | :---: | :---: |
|  |  | FY08E | FY09E |  |
| Automobile | 5.46 | 10.0 | 16.0 | Expecting volume turnaround in most segments in 2HFY08 and FY09. Any dissapointment could lead to lower earnings |
| Bajaj Auto | 1.46 | 3.2 | 16.9 |  |
| Mahindra \& Mahindra | a 1.29 | 16.9 | 16.9 |  |
| Maruti Suzuki | 1.14 | 25.6 | 17.0 |  |
| Tata Motors | 1.57 | -1.9 | 13.6 |  |
| Banking | 23.12 | 22.8 | 25.4 | Positive upsides could be from lower interest rates on bond gains. Negatives could be increase in NPAs. |
| HDFC | 5.34 | 25.3 | 25.7 |  |
| HDFC Bank | 3.56 | 34.2 | 37.0 |  |
| ICICI Bank | 10.18 | 31.1 | 30.6 |  |
| State Bank | 4.04 | 16.1 | 20.0 |  |
| Cement | 4.53 | 30.3 | 7.4 | Positive upside could result from higher prices. We have assumed Rs6/bag in 2HFY08 and flat prices in FY09 over average FY08 |
| ACC | 1.18 | 31.1 | 10.1 |  |
| Ambuja Cements | 1.24 | 16.9 | 10.5 |  |
| Grasim Industries | 2.11 | 39.0 | 4.1 |  |
| Engineering | 9.39 | 30.7 | 27.5 | Earnings can see upsides in case of higher margins and stronger volume growth |
| BHEL | 3.05 | 29.5 | 28.3 |  |
| Larsen \& Toubro | 6.34 | 32.2 | 26.5 |  |
| FMCG | 6.49 | 14.8 | 16.2 | Volume growth could be higher for consumer sector. Moreover, stable input prices and currency appreciation can increase margins |
| Hind. Unilever | 2.12 | 16.8 | 12.8 |  |
| пC | 4.37 | 13.7 | 18.2 |  |
| IT | 13.50 | 20.4 | 23.7 | Our estimates factor in a Re-US\$ rate of Rs40 in FY08 and Rs39 in FY09. Any appreciation in the rupee beyond these levels could pose downside risks to our estimates. Any reduction/ tightening of IT budgets for CY08 could slowdown growth in FY09 |
| Infosys | 8.06 | 21.6 | 24.1 |  |
| Satyam Computer | 2.46 | 18.2 | 22.3 |  |
| TCS | 1.81 | 18.6 | 22.6 |  |
| Wipro | 1.17 | 22.8 | 25.3 |  |
|  |  |  |  |  |
| Metals | 4.46 | 51.7 | 18.1 | Estimates for steel companies can see upsides as prices move higher |
| Hindalco | 1.29 | -65.2 | 64.7 |  |
| Tata Steel | 3.17 | 128.2 | 13.4 |  |
| Oil \& Gas | 17.59 | 16.3 | 0.4 | Higher upstream sharing of fuel underrecoveries, rupee appreciation, further delays in hiking gas prices <br> Rupee Appreciation; Weakness in Refining <br> Margins; Lower than expected petchem margins |
| ONGC | 3.59 | 19.3 | -8.5 |  |
| Reliance Inds. | 14.00 | 11.9 | 14.4 |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Pharma | 2.52 | -8.7 | 12.5 | Currency appreciation, Govt. policies regarding drug price control, NPPA liability of Rs9b |
| Cipla | 0.81 | -16.2 | 26.2 |  |
| Dr Reddy's Labs | 0.72 | -34.2 | 13.8 |  |
| Ranbaxy Labs | 0.99 | 44.8 | 1.6 |  |
| Telecom | 9.14 | 49.0 | 29.9 | Subscriber additions could be higher than estimates. Also impact of forex gains could be higher |
| Bharti Airtel | 5.47 | 51.3 | 31.0 |  |
| Reliance Comm | 3.67 | 45.8 | 28.5 |  |
| Utilities | 3.78 | 18.1 | 5.7 | Pace of capacity addition and change in regulatory framework (returns) |
| NTPC | 2.09 | 17.8 | 5.3 |  |
| Reliance Energy | 1.69 | 19.9 | 8.9 |  |
| Sensex | 100 | 23.1 | 14.4 |  |

The rupee has appreciated vis-à-vis the dollar to a nine-year high...

## Rupee appreciation - remains a key threat to earnings

Following a gain of $6.4 \%$ against the US dollar in 1QFY08, the Indian rupee gained a further $2.3 \%$ in 2QFY08 to close at a 9 -year high of Rs $39.77 /$ US $\$$. Strong capital flows in the system and higher interest rates in the domestic market have led to an unprecedented rally in the Indian rupee. As the US rates are on a decline, flows to emerging markets and India are likely to remain strong.


FOREX RESERVE (US\$B)


Source: Bloomberg/Motilal Oswal Securities
...which is negatively impacting corporate earnings

While a stronger rupee has helped the RBI to fight inflation, it has a negative impact on corporate earnings. The EBITDA growth of BSE Sensex was just $17 \%$ in 1QFY08 and we estimate growth of $18 \%$ in 2QFY08. Within the Sensexearnings, $13.5 \%$ comes from Software Services. Overall, currency movement impacts almost $50 \%$ of the earnings.

| $\begin{array}{ll}\text { COMPANY } & \text { (\%) PR } \\ & \text { IN SE }\end{array}$ | \%) PROFIT | WEIGH | IMPACT OF CURRENCY |
| :---: | :---: | :---: | :---: |
|  | N SENSEX | IN INDEX |  |
|  | FY08E | (\%) |  |
| Automobile | 5.88 | 5.46 |  |
| Bajaj Auto | 1.11 | 1.46 | Neutral; Exports are 20\% of sales but to neigbhouring countries |
| Mahindra \& Mah. | ah. 1.38 | 1.29 |  |
| Maruti Suzuki | 1.63 | 1.1 | Positive impact on a YoY basis, marginally negative (by $0.8 \%$ ) on a QoQ basis |
| Tata Motors | 1.76 | 1.5 | Positive impact due to foreign currency loans and capex |
| Banking | 12.50 | 23.12 | No direct impact; Indirect impact is through inflation |
| HDFC | 1.64 | 5.3 |  |
| HDFC Bank | 1.28 | 10.18 |  |
| ICICI Bank | 3.41 |  |  |
| State Bank | 6.17 | 4.04 |  |
| Cement | 4.80 | 4.53 |  |
| ACC | 1.21 | 1.18 | No direct impact <br> Cement exports \& import of coal off-sets impact of currency movement |
| Ambuja Cements | nts 1.31 | 1.2 |  |
| Grasim Industries | ries 2.28 | 2.1 | No direct impact |
| Engineering | 4.60 | 9.39 |  |
| BHEL | 2.58 | 3.05 | Postive; Net imports at $12 \%$ of revenues <br> Neutral; Exports just at 2\%; L\&T Infotech contributes just 2\% <br> to Cons PAT |
| Larsen \& Toubro | bo 2.02 | 6.3 |  |
| FMCG | 4.06 | 6.49 |  |
| Hind. Unilever | 1.50 | 2.1 | Positive; Reduces the input price pressure Neutral |
| ITC | 2.56 | 4.3 |  |
| IT | 12.18 | 13.50 | Negative; Every 1\% currency gain lower EPS by 1.25-1.5\% (ex other Income) |
| Infosys | 3.78 | 8.06 |  |
| Satyam Computer | uter 1.39 | 2.46 |  |
| TCS | 4.09 | 1.8 |  |
| Wipro | 2.92 | $1.17 \mathrm{~J}$ |  |
| Metals | 8.97 | $\left.\begin{array}{l} 4.46 \\ 1.29 \\ 3.17 \end{array}\right\} \quad \text { Negative impact due to import parity prices }$ |  |
| Hindalco | 0.81 |  |  |  |
| Tata Steel | 8.15 |  |  |  |
| Oil \& Gas | 28.87 | 17.59 |  |
| ONGC | 17.71 | 3.59 | Negative - Every $1 \%$ currency gain reduces earnings by $1.8 \%$. <br> Negative - Every $1 \%$ currency gain reduces earnings by $1.7 \%$. |
| Reliance Inds. | 11.16 | 14.00 |  |
| Pharma | 1.63 | 2.5 |  |
| Cipla | 0.47 | 0.8 | Negative impact at operational level |
| Dr Reddy's Labs | Labs 0.51 | 0.72 |  |
| Ranbaxy Labs | 0.65 | 0.99 | Negative impact at operational level. But will record large translation gains on FCCBs |
| Telecom | 9.23 | 9.14 |  |
| Bharti Airtel | 5.38 | 5.47 Positive impact due to foreign currency loans and capex |  |
| Reliance Comm | - 3.85 |  |  |  |
| Utilities | 7.27 | 3.78 |  |
| NTPC | 6.46 | 2.09 | No direct impact |
| Reliance Energy | gy 0.80 | 1.69 | No direct impact; Translation gains on outstanding FCCBs could be positive |

The political situation too is rather fragile

## The political situation is rather fragile

Politics is another factor, which could have an adverse impact on the markets in the near term. The key issues are:
es UPA-Left imbroglio over the Indo-US nuclear deal
\& Series of state elections in the run-up to the central elections in May 2009

UPA-Left imbroglio over the Indo-US nuclear deal: In 2006, the Congress-led UPA government signed a deal with the US government, which will give it access to nuclear fuel and reactors to help meet India' s power requirements. One crucial process in the deal is the 123 Agreement (under Section 123 of the US A tomic Energy Act, 1954), under which India' s nuclear reactors will be under safeguard of the International A tomic Energy Agency (IAEA), the nuclear watchdog of the United Nations.

The Left' s contention is that signing of this agreement will jeopardize India's "strategic" use of nuclear power. Accordingly, it has threatened of serious consequences (possible withdraw of support to the government), if it initiates negotiations with the IAEA. The government, on its part, seems intent on going ahead with the deal. Though it has said that the Left's concerns will be addressed, the situation is fragile.

The opposition too has (obviously) opposed the deal. If the Left withdraws support, the UPA becomes a minority government, implying a likely mid-term election. If that happens, it could negatively impact the markets. The current political equation does not favor any definite outcome in the event of any election, and hence the element of uncertainty will continue to persist.

LOK SABHA SEATS TALLY


Source: Motilal Oswal Securities

Series of state elections in the run-up to central elections: Beginning with Gujarat in December 2007, 13 states go into elections in the run-up to central elections in May 2009. Any setbacks to the UPA will further hamstring the government' $s$ ability to tackle long-term, economic issues such as check over anti-business agitations (e.g. against Reliance Retail in UP and Orissa), FDI in retail, etc.

| INDIA: ELECTION SCHEDULE |  |  |  |
| :--- | :---: | :---: | :---: |
| OFFICE/STATE | MONTH YEAR | LOKSABHA SEAT | ASSEMBLY SEAT |
| Gujarat | Dec-07 | 26 | 182 |
| Himachal Pradesh | Mar-08 | 4 | 68 |
| Meghalaya | Mar-08 | 2 | 60 |
| Nagaland | Mar-08 | 1 | 60 |
| Tripura | Mar-08 | 2 | 60 |
| Jammu \& Kashmir | Nov-08 | 6 | 87 |
| Madhya Pradesh | Dec-08 | 29 | 230 |
| Mizoram | Dec-08 | 1 | 40 |
| Nct Delhi | Dec-08 | 7 | 70 |
| Chhatisgarh | Dec-08 | 11 | 90 |
| Rajasthan | Jan-09 | 25 | 200 |
| Sikkim | May-09 | 1 | 32 |
| Andhra Pradesh | May-09 | 42 | 294 |
| Central Elections | May-09 | 543 |  |
|  |  |  | Source: Election Commission |

## Easing of interest rates could result in significant opportunities

We see increasing probability of lower interest rates in India

The US Fed has already begun the process of lowering interest rates...

We see increasing probability of lower interest rates in India. The change in macro environment both globally and locally has paved way for RBI to consider easing rates in the next few months. With inflation well under control, US Fed's action of reducing rates and slowdown in domestic credit to desired levels, the RBI will be positively inclined to change the monetary stance that it has pursued for the last couple of years.

## US has begun the process of lowering rates

The US Fed reacted to the sub-prime concerns with a 50bp reduction in its key benchmark rates. W ith expectations of further rate cuts in US, we see more pressure on the Indian rupee. The difference between the sovereign bond yields has widened in recent times. Earlier, in 2001, as US started the series of rate cuts, India too had responded and the gap had narrowed. We believe that actions by US Fed will be an important determinant of RBI's monetary policy.

US BOND YIELDS V/S INDIAN BOND YIELDS


Source: Bloomberg/Motilal Oswal Securities
.. and tamed inflation should encourage RBI to follow suit

Inflation is at its low, could demand change in monetary policy stance
Inflation has fallen significantly during the quarter to $3.3 \%$, from a high of $6.6 \%$ in January 2007. The real interest rate has now risen to $4.7 \%$, levels not witnessed since June 2002. The taming of inflation would give a significant boost to the regime of stable interest rates. Since December 2006, interest rates have risen by $\sim 300 \mathrm{bp}$. Moreover, as the RBI raised CRR, it also resulted in a credit squeeze.


Source: Motilal Oswal Securities

Higher inflation had not only resulted in tight monetary policy but had also curbed the ability of several industries to raise their product prices. With inflation expected to remain in the comfort band of $4-5 \%$, we expect the industries to gain pricing power. Already, there is evidence of price hikes in cement and steel; more prices hikes are likely in the near future.

We see following triggers for higher credit flow and stable/lower interest rates in 2HFY08: * The RBI has consistently used CRR as a liquidity management tool. W ith a 200bp hike in CRR in the last 8 months, the RBI has effectively sucked Rs 600 b of liquidity. While currency management is making the task of liquidity management more difficult, we expect RBI to consider CRR cuts once stability persists. Also, as the credit growth has slowed down to $22-23 \%$ (within the comfort band of RBI), RBI will be under less pressure to increase rates, CRR.


Source: Motilal Oswal Securities

* The lendable resources that banks have in hand are rising. Higher deposit rates, along with significant capital raising, have led to substantial growth in resources. With more money in hand than lending avenues, banks have reduced their rush of grabbing high cost deposits. The incremental $\mathrm{C} / \mathrm{D}$ ratio has been on a decline. Moreover, the increase in lending rates over the last few months has also created some resistance from borrowers. We believe that banks would now be more moderate in pricing both deposits and loans. We are already seeing early signs of reduction in rates on retail loans. A number of banks have cut rates on mortgages and other retail loans in the recent past.


Source: Motilal Oswal Securities
8 The government has approved the bill to empower RBI to cut SLR below $25 \%$. We expect banks to be net buyers of government bonds at the current rate of SLR. Considering the increased appetite of insurance and pension funds for government bonds, we expect the demand for bonds to outstrip supply significantly in FY08. This would allow the RBI to reduce the rate of SLR to channelize more funds from the banking sector towards credit growth.

In FY08, India's GDP is likely to cross US $\$ 1 t \ldots$

## Another trillion-dollar opportunity over the next five years

During FY08, India' s GDP is expected to cross the US\$1t mark. Based on nominal GDP growth rate of $12-14 \%$, we expect addition of the second US\$1t in the next 5-6 years.


Source: Motilal Oswal Securities
.. and we expect addition of the second US\$1t in the next 5-6 years

This throws up several opportunities - the addition of the next US\$1t would lead to (1) increased consumption demand, (2) improved lifestyles, and (3) higher infrastructure spending. Till 1997, India's GDP growth was largely driven by manufacturing. In the past decade, services were the key contributor to growth. Going forward, we expect the pace of GDP growth to accelerate, driven by twin engines of manufacturing and services.


Source: Motilal Oswal Securities
(1) Increased consumption demand, as higher per capita GDP will lead to higher share of discretionary investment in consumption mix. In FY00, Indian consumer spend on food and clothing stood at $\sim 55 \%$, which declined to $\sim 44 \%$ during FY06. We expect per capita GDP to increase to US $\$ 1,901$ in FY14, from US $\$ 812$ in FY07.


Source: Motilal Oswal Securities
(2) Improved lifestyles, led by higher discretionary income and stable product prices. This trend will lead to creation of large businesses in future, many of which are 'MATURED' industries in the developed world, but 'SUNRISE' industries in India. For instance, processed food, insurance, retail, financial services, real estate, travel, media and entertainment, etc.
(3) Higher infrastructure spending by the government. Buoyant tax collections would result in lower fiscal deficit (as percentage of GDP) and lower interest payments (as percentage of revenue receipts). The addition of the next US $\$ 1$ to GDP and improving government finances will lead to the government becoming the next ' BIG' spender in the economy, which will drive investments in infrastructure (roads, power, ports, urban infrastructure, etc), health and education.


Source: Motilal Oswal Securities

## Sectoral performances have become divergent

With the markets at an all-time high and significant re-rating in specific sectors, it would be interesting to note the change in valuations of the key sectors relative to the benchmark indices. We calculated the sector average P/E for the last three years and the current P/E to see the variations. Key observations are:

## Sectors that are trading at a higher premium / lower discount to the 3-year average:

\& Engineering: $52 \%$ premium to Sensex v/s average premium of $17 \%$

* Utilities: $15 \%$ premium to Sensex v/s average discount of $9 \%$
\& Infrastructure: $56 \%$ premium to Sensex v/s average premium of $20 \%$ [value of BoT, RE, etc not considered here]

8. Banks: $13 \%$ discount to Sensex v/s average discount of $27 \%$ [value of insurance not considered here]

| SECT OR PE AT PREMIUM / DISCOUNT TO SENSEX PE (\%) |  |  |
| :--- | :---: | :---: |
| SECTOR | SECT OR PE AT PREMIUM / DISCOUNT TO SENSEX PE (\%) |  |
|  | AVERAGE | CURRENT |
| Auto | +2 | -15 |
| Banks | -27 | -13 |
| Cement | -23 | -38 |
| Engineering | +17 | +52 |
| FMCG | +50 | +27 |
| Infrastructure | +20 | +56 |
| $T$ | +48 | +1 |
| Media | +126 | +86 |
| Metals | -62 | -53 |
| Oil \& Gas | -32 | -29 |
| Pharma | +54 | -2 |
| Retail | +102 | +123 |
| Telecom | +28 | +29 |
| Textiles | -4 | -48 |
| Utilities | -9 | +15 |

## Sectors that are trading at a lower premium / higher discount to the 3-year average:

\& IT: $1 \%$ premium to Sensex v/s average premium of $48 \%$

* Pharma: $2 \%$ discount to Sensex v/s average premium of 54\%
\& Autos: $15 \%$ discount to Sensex v/s average premium of 2\%

2. Textiles : $48 \%$ discount to Sensex v/s average discount of $4 \%$

## Sectors that are trading at the highest premium to the Sensex now:

\& Retail: $123 \%$ premium to Sensex
es Media: $86 \%$ premium to Sensex
\& Infrastructure: $56 \%$ premium to Sensex [value of BoT, RE, etc not considered here]

* Engineering: $52 \%$ premium to Sensex
\& FMCG: $27 \%$ premium to Sensex

```
Sectors that are trading at the highest discount to the Sensex now:
* Metals: 53% discount to Sensex
* Textiles: 48% discount to Sensex
* Cement: 38% discount to Sensex
* Autos: 15% discount to Sensex
```



Source: Motilal Oswal Securities

## Adopt stock-specific approach to maximize returns

We recommend a stockspecific approach to maximize returns

Our target range for the Sensex, based on FY09E earnings is $16,300-18,300$ (14-16x FY09E EPS plus 2,300 points of embedded value). In the near-term, excessive liquidity has the potential to take the market index beyond our target range. We would recommend staying invested in sectors where valuations are reasonable considering the earnings growth or where we expect changes in macro-economic environment to lead to positive surprises. Our top bets are Wireless and Financials. We would also favor Cement and Metals, given the strong earnings growth ahead. Moreover, our view on Autos and Real Estate is positive, as lower interest rates in the next 12 months could lead to positive surprises and valuation re-rating.

Our top large-cap bets are Bharti, SBI, Axis Bank, Maruti, Unitech, Tata Steel, ITC, Ranbaxy, and Grasim. Amongst the mid-caps, we prefer Sintex, Puravankara, Nagarjuna Construction, Bombay Rayon, Indian Bank, United Phosphorus, Birla Corp and Dish TV.

| SECTOR WEIGHT / | BSE-100 | MOST | Weight relative | Effective sector |
| :---: | :---: | :---: | :---: | :---: |
| Portfolio picks |  | WEIGHT | to bSE-100 | Stance |
| Banks | 20.4 | 22.0 | 1.6 | Overweight |
| SBI | 2.8 | 6.0 | 3.2 | Buy |
| Axis Bank | 1.1 | 6.0 | 3.9 | Buy |
| Union Bank | 0.0 | 4.0 | 4.0 | Buy |
| IDFC | 0.7 | 4.0 | 3.3 | Buy |
| Indian Bank | 0.0 | 2.0 | 2.0 | Buy |
| Engg./Infrastrcuture/Real Estate | 12.1 | 12.0 | 0.9 | Overweight |
| DLF | 0.0 | 4.0 | 4.0 | Buy |
| Unitech | 0.9 | 4.0 | 3.1 | Buy |
| Larsen \& Toubro | 4.4 | 2.0 | -2.4 | Neutral |
| Nagarjuna Construction | 0.0 | 2.0 | 2.0 | Buy |
| Telecom | 6.8 | 10.0 | 3.2 | Overweight |
| Bharti Airtel | 3.8 | 6.0 | 2.2 | Buy |
| Reliance Comm | 2.6 | 4.0 | 1.4 | Buy |
| Information Technology | 10.6 | 10.0 | -0.6 | Neutral |
| Infosys | 5.6 | 6.0 | 0.4 | Buy |
| Satyam Computers | 1.7 | 4.0 | 2.3 | Buy |
| Auto | 5.0 | 7.0 | 2.0 | Overweight |
| Maruti Suzuki | 0.8 | 3.0 | 2.2 | Buy |
| Bajaj Auto | 1.0 | 2.0 | 1.0 | Buy |
| Mahindra \& Mahindra | 0.9 | 2.0 | 1.1 | Buy |
| FMCG | 6.0 | 7.0 | 1.0 | Overweight |
| пС | 3.0 | 5.0 | 2.0 | Buy |
| Nestle India | 0.3 | 2.0 | 1.7 | Buy |
| Metals | 5.8 | 7.0 | 1.2 | Overweight |
| Tata Steel | 2.2 | 4.0 | 1.8 | Buy |
| SAIL | 0.8 | 3.0 | 2.2 | Buy |
| Petrochemicals | 11.4 | 7.0 | -4.4 | Underweight |
| Reliance Inds. | 9.7 | 7.0 | -2.7 | Buy |
| Cement | 3.8 | 6.0 | 2.2 | Overweight |
| Grasim Industries | 1.5 | 4.0 | 2.5 | Buy |
| Birla Corp | 0.0 | 2.0 | 2.0 | Buy |
| Pharmaceuticals | 3.1 | 5.0 | 1.9 | Overweight |
| Ranbaxy Labs | 0.7 | 3.0 | 2.3 | Buy |
| Nicholas Piramal | 0.0 | 2.0 | 2.0 | Buy |
| Others | 5.3 | 4.0 | -1.3 | Underweight |
| Sintex Inds. | 0.0 | 2.0 | 2.0 | Buy |
| Dish TV | 0.1 | 2.0 | 1.9 | Buy |
| Oil \& Gas | 4.9 | 3.0 | -1.9 | Neutral |
| ONGC | 2.5 | 3.0 | 0.5 | Buy |
| Utilities | 4.6 | 0.0 | -4.6 | Underweight |
| Cash | 0.0 | 0.0 |  |  |
| Total | 100.00 | 100.0 |  |  |


| SECTOR | SALES |  |  |  | EBITDA |  |  |  | NET PROFIT |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 | FY08E | FY09E | CH. (\%)* | FY07 | FY 08E | FY09E | CH. (\%)* | FY07 | FY08E | FY09E | CH. (\%)* |
| Auto (11) | 912 | 1,024 | 1,160 | 12.3 | 116 | 125 | 145 | 8.0 | 77 | 81 | 93 | 4.9 |
| Banks (20) | 640 | 763 | 925 | 19.3 | 445 | 527 | 657 | 18.5 | 224 | 273 | 334 | 21.8 |
| Cement (7) | 348 | 423 | 485 | 21.6 | 106 | 145 | 167 | 37.3 | 62 | 84 | 93 | 37.0 |
| Engineering (10) | 707 | 950 | 1,222 | 34.3 | 103 | 142 | 185 | 37.7 | 74 | 99 | 129 | 33.2 |
| FMCG (12) | 462 | 550 | 635 | 19.0 | 90 | 106 | 125 | 18.2 | 63 | 75 | 92 | 18.8 |
| IT (14) | 715 | 916 | 1,174 | 28.1 | 180 | 216 | 274 | 20.1 | 151 | 180 | 224 | 19.5 |
| Infrastructure (8) | 167 | 216 | 294 | 29.3 | 26 | 36 | 52 | 39.1 | 12 | 15 | 21 | 27.0 |
| Media (1) | 15 | 18 | 21 | 18.1 | 3 | 5 | 7 | 67.9 | 2 | 4 | 5 | 48.1 |
| Metals (8) | 1,304 | 2,889 | 3,048 | 121.6 | 455 | 607 | 649 | 33.5 | 264 | 320 | 355 | 21.4 |
| Oil Gas \& Petchem (9) | 6,303 | 6,906 | 6,186 | 9.6 | 780 | 862 | 844 | 10.5 | 419 | 486 | 483 | 16.0 |
| Pharma (17) | 363 | 404 | 468 | 11.4 | 74 | 80 | 95 | 7.8 | 55 | 60 | 68 | 8.4 |
| Retail (3) | 62 | 97 | 139 | 57.2 | 5 | 7 | 10 | 47.0 | 2 | 3 | 5 | 48.6 |
| Telecom (3) | 374 | 546 | 720 | 46.3 | 146 | 224 | 298 | 53.2 | 79 | 119 | 157 | 50.7 |
| Textiles (7) | 100 | 118 | 140 | 17.8 | 16 | 20 | 25 | 20.9 | 6 | 7 | 9 | 10.0 |
| Utilities (6) | 492 | 585 | 660 | 18.9 | 131 | 167 | 179 | 27.7 | 90 | 104 | 109 | 14.8 |
| Others (8) | 110 | 151 | 186 | 37.4 | 25 | 33 | 42 | 33.6 | 15 | 20 | 27 | 32.0 |
| MOSt (144) | 13,072 | 16,555 | 17,463 | 26.6 | 2,701 | 3,303 | 3,754 | 22.3 | 1,597 | 1,931 | 2,203 | 20.9 |
| MOSt Excl. Banks (124) | 12,432 | 15,791 | 16,538 | 27.0 | 2,256 | 2,776 | 3,096 | 23.1 | 1,373 | 1,658 | 1,870 | 20.8 |
| MOSt Excl.Oil \& Gas (135) | 6,769 | 9,649 | 11,276 | 42.6 | 1,921 | 2,442 | 2,910 | 27.1 | 1,178 | 1,445 | 1,720 | 22.7 |
| MOSt Excl. Tata Steel (143) | 12,820 | 15,279 | 16,151 | 19.2 | 2,626 | 3,102 | 3,542 | 18.1 | 1,554 | 1,833 | 2,093 | 18.0 |
| MOST Excl. RMs (141) | 9,121 | 12,185 | 13,665 | 33.6 | 2,517 | 3,115 | 3,570 | 23.8 | 1,503 | 1,827 | 2,104 | 21.5 |

* Growth FY08 over FY07; For Banks : Sales = Net Interest Income, EBITDA = Operating Profits; Tata Steel figures are consolidated including Corus.

VALUATIONS - MOST UNIVERSE

| SECTOR | P/E |  |  | EV/EBITDA |  |  | P/BV |  | Roe |  |  | DIV. EARN. YLD (\%) CAGR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (X) |  |  | (X) |  |  | (X) |  | (\%) |  |  |  |  |
| (no. of Companies) | FY07 | FY08E | FY09E | FY 07 | FY08E | FY09E | FY07 | FY08E | FY07 | FY08E | FY09E | FY07E | Y09-07) |
| Auto (11) | 18.2 | 17.3 | 15.1 | 11.1 | 10.2 | 8.5 | 4.4 | 3.7 | 24.3 | 21.5 | 20.9 | 1.6 | 9.6 |
| Banks (20) | 21.1 | 17.3 | 14.2 | N.M | N.M | N.M | 3.7 | 2.9 | 17.4 | 16.6 | 16.3 | 1.1 | 21.9 |
| Cement (7) | 17.1 | 12.5 | 11.3 | 10.0 | 7.3 | 6.1 | 6.5 | 4.5 | 38.1 | 36.3 | 29.8 | 1.1 | 22.7 |
| Engineering (10) | 43.3 | 32.5 | 24.9 | 30.7 | 22.4 | 17.7 | 13.5 | 10.4 | 31.2 | 32.0 | 33.4 | 0.6 | 31.7 |
| FMCG (12) | 30.2 | 25.4 | 20.9 | 20.5 | 17.0 | 14.1 | 9.5 | 7.8 | 31.3 | 30.8 | 32.1 | 1.8 | 20.2 |
| IT (14) | 24.9 | 20.9 | 16.8 | 19.7 | 16.3 | 12.5 | 8.1 | 6.2 | 32.4 | 29.8 | 28.8 | 0.9 | 21.9 |
| Infrastructure (8) | 67.2 | 52.9 | 37.9 | 34.7 | 25.5 | 19.1 | 8.4 | 6.3 | 12.4 | 12.0 | 13.2 | 0.2 | 33.1 |
| Media (1) | 62.7 | 42.4 | 29.3 | 47.1 | 27.5 | 19.4 | 5.7 | 5.1 | 13.4 | 17.4 | 17.2 | 0.3 | 46.4 |
| Metals (8) | 12.0 | 9.9 | 9.0 | 6.9 | 5.8 | 5.2 | 4.1 | 2.4 | 34.1 | 24.4 | 21.9 | 1.3 | 16.0 |
| Oil Gas \& Petchem (9) | 15.6 | 13.5 | 13.6 | 9.2 | 8.2 | 8.5 | 3.5 | 3.0 | 22.6 | 22.0 | 18.5 | 1.9 | 7.4 |
| Pharma (17) | 21.1 | 19.4 | 17.0 | 16.6 | 15.0 | 12.4 | 5.4 | 4.2 | 25.6 | 21.7 | 20.6 | 1.2 | 11.3 |
| Retail (3) | 76.5 | 51.5 | 33.4 | 35.6 | 24.9 | 17.5 | 8.8 | 7.8 | 11.5 | 15.1 | 18.3 | 0.3 | 51.4 |
| Telecom (3) | 41.8 | 27.7 | 21.2 | 23.8 | 15.6 | 11.6 | 8.2 | 6.3 | 19.6 | 22.7 | 22.9 | 0.0 | 40.6 |
| Textiles (7) | 13.3 | 12.1 | 8.6 | 9.3 | 8.8 | 7.4 | 1.2 | 1.1 | 8.9 | 8.9 | 11.3 | 1.7 | 24.5 |
| Utilities (6) | 25.3 | 22.1 | 20.9 | 16.6 | 13.3 | 13.1 | 3.2 | 2.9 | 12.7 | 13.2 | 12.8 | 1.4 | 10.0 |
| Others (8) | 22.1 | 16.7 | 12.6 | 14.3 | 10.8 | 8.3 | 5.7 | 4.4 | 25.6 | 26.3 | 27.2 | 0.8 | 32.4 |
| MOSt (144) | 21.4 | 17.7 | 15.5 | N.M | N.M | N.M | 4.9 | 3.9 | 23.1 | 21.8 | 20.5 | 1.2 | 17.5 |
| MOSt Excl. Banks (124) | 21.4 | 17.7 | 15.7 | 13.2 | 10.9 | 9.7 | 5.2 | 4.1 | 24.4 | 23.0 | 21.5 | 1.2 | 16.7 |
| MOSt Excl.Oil \& Gas (135) | 23.4 | 19.1 | 16.0 | N.M | N.M | N.M | 5.5 | 4.2 | 23.3 | 21.8 | 21.1 | 1.0 | 20.8 |
| MOSt Excl. Tata Steel (143) | 21.5 | 18.2 | 15.9 | 11.1 | 9.4 | 8.2 | 4.9 | 3.9 | 23.0 | 21.7 | 20.4 | 1.1 | 16.0 |
| MOST Excl. RMs (141) | 22.2 | 18.2 | 15.8 | N.M | N.M | N.M | 5.3 | 4.1 | 23.7 | 22.3 | 21.0 | 1.1 | 18.3 |

N.M. - Not Meaningful

Source: Motilal Oswal Securities

## 2QFY08: lowest PAT growth in last seven quarters

We see a relatively weak corporate performance in 2QFY08. For our Universe of 144 companies, we expect sales growth of just $10.5 \%$ YoY, EBITDA growth of $16.6 \%$ YoY and PAT growth of $11.6 \%$ YoY. This is the lowest sales growth in the last ten quarters and the lowest PAT growth in the last seven quarters. A major drag on the aggregates is the muted growth in Oil, Gas \& Petchem and expected de-growth in Metals. Telecom, Cement and Engineering are expected to sustain their growth momentum in 2QFY08, as well.


Source: Motilal Oswal Securities

| QUARTERLY PERFORmANCE - Most universe |  |  |  |  |  |  |  |  | (RS MILLION) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SECTOR | SALES |  |  | EbitdA |  |  | NET PROFIT |  |  |
| (NO. OF COMPANIES) | SEP. 06 | SEP. 07 | CHG. (\%) | SEP. 06 | SEP. 07 | CHG. (\%) | SEP. 06 | SEP. 07 | CHG. (\%) |
| Auto (11) | 218,265 | 231,136 | 5.9 | 28,006 | 27,896 | -0.4 | 18,768 | 18,361 | -2.2 |
| Banks (20) | 152,528 | 180,286 | 18.2 | 107,672 | 125,988 | 17.0 | 57,981 | 66,593 | 14.9 |
| Cement (7) | 67,011 | 83,155 | 24.1 | 19,620 | 27,451 | 39.9 | 12,528 | 17,169 | 37.0 |
| Engineering (10) | 146,101 | 197,650 | 35.3 | 18,042 | 24,228 | 34.3 | 13,365 | 16,735 | 25.2 |
| FMCG (12) | 114,123 | 130,786 | 14.6 | 22,891 | 26,441 | 15.5 | 16,359 | 18,704 | 14.3 |
| IT (14) | 172,836 | 217,608 | 25.9 | 44,063 | 50,794 | 15.3 | 36,252 | 42,845 | 18.2 |
| Infrastructure (8) | 30,632 | 36,911 | 20.5 | 4,208 | 5,489 | 30.5 | 1,985 | 2,323 | 17.0 |
| Media (1) | 3,497 | 4,199 | 20.1 | 217 | 1,254 | 478.4 | 188 | 817 | 335.7 |
| Metals (8) | 309,439 | 321,565 | 3.9 | 113,350 | 110,382 | -2.6 | 67,865 | 66,830 | -1.5 |
| Oil Gas \& Petchem (9) | 1,689,383 | 1,759,483 | 4.1 | 208,345 | 249,802 | 19.9 | 136,502 | 147,703 | 8.2 |
| Pharma (17) | 94,802 | 100,999 | 6.5 | 20,148 | 20,585 | 2.2 | 14,409 | 14,721 | 2.2 |
| Retail (3) | 13,282 | 21,850 | 64.5 | 1,123 | 1,620 | 44.3 | 585 | 701 | 19.9 |
| Telecom (3) | 78,832 | 113,452 | 43.9 | 30,550 | 47,512 | 55.5 | 16,361 | 26,487 | 61.9 |
| Textiles (7) | 23,018 | 26,901 | 16.9 | 4,282 | 4,394 | 2.6 | 1,872 | 1,266 | -32.4 |
| Utilities (6) | 120,198 | 137,574 | 14.5 | 26,317 | 31,834 | 21.0 | 20,371 | 21,443 | 5.3 |
| Others (8) | 23,685 | 33,593 | 41.8 | 5,376 | 7,183 | 33.6 | 3,442 | 4,528 | 31.6 |
| MOSt (144) | 3,257,633 | 3,597,147 | 10.4 | 654,211 | 762,853 | 16.6 | 418,830 | 467,225 | 11.6 |
| MOSt Excl. Banks (124) | 3,105,105 | 3,416,861 | 10.0 | 546,539 | 636,865 | 16.5 | 360,850 | 400,633 | 11.0 |
| MOSt Excl.Oil \& Gas (135) | 1,568,250 | 1,837,664 | 17.2 | 445,866 | 513,051 | 15.1 | 282,329 | 319,523 | 13.2 |
| MOSt Excl. Banks \& Oil (115) | 1,415,722 | 1,657,378 | 17.1 | 338,194 | 387,064 | 14.5 | 224,348 | 252,930 | 12.7 |
| MOSt Excl Metals \& Oil (127) | 1,258,811 | 1,516,099 | 20.4 | 332,516 | 402,669 | 21.1 | 214,464 | 252,692 | 17.8 |
| MOST Excl. RMs (141) | 2,129,295 | 2,415,104 | 13.4 | 580,251 | 670,486 | 15.6 | 363,523 | 411,798 | 13.3 |

Source: Motilal Oswal Securities

Retail would be the fastest growing sector, followed by Telecom

## Sales growth muted at 10.5\% overall (17.3\% excl Oil \& Gas)

\& We expect our Universe of 144 companies to record muted sales growth of $10.4 \%$ YoY in 2QFY08. The major sectors driving sales growth are - Telecom (44\%), Engineering (35\%), IT (25\%), Cement (24\%) and Infrastructure (20.5\%). The growth rate is dragged down by Oil, Gas \& Petchem, which is expected to grow at just 4\% YoY. Excluding this sector, sales growth is $17.2 \%$ YoY. The other growth laggards are Autos ( $5.9 \%$ ), Metals ( $3.9 \%$ ) and Pharma (6.5\%).
\& Telecom sector is expected to witness revenue growth of $44 \%$ on the back of sustained strong addition to the wireless subscriber base ( +23.2 m in 2QFY08). Bharti leads the pack with a revenue growth of $49 \%$ YoY followed by Reliance Communication with $37 \%$ Yo Y.
es We expect Engineering sector to record sales growth of $35 \%$ YoY, on the back of sustained capex in the Indian economy, specially in the power sector. Suzlon and Siemens are likely to grow at over $50 \%$ YoY, followed by ABB at $37 \%$ and BHEL at $36 \%$.
\& Infrastructure sector is expected to record revenue growth of $20.5 \%$ YoY, driven by strong order book position. All companies under coverage should show growth of over $25 \%$ YoY except Nagarjuna Construction (2\% Yo Y) and Jaiprakash Associates (10\% YoY).
\& Cement is expected to witness sales growth of $24 \%$ YoY, driven by $\sim 12 \%$ volume growth and $\sim 12 \%$ higher prices. India Cement should see the highest growth at $46 \%$ YoY followed by Shree Cement with $43 \%$.
\& Auto sales growth is muted at $5.9 \%$. Two-wheelers are likely to be down $8.5 \%$ YoY Hero Honda, Bajaj Auto and TVS Motors, all three are expected to de-grow. Excluding two-wheelers, the rest of the Auto sector (including ancillaries) should grow at a modest $11.7 \%$ YoY.
\& Metal sector sales growth is low at $3.9 \%$ YoY due to lower international prices of nonferrous metals, stronger rupee and lower import duty. Hindustan Zinc is expected to be hit hardest, with sales growth down $21.5 \%$ YoY.

SECTORAL SALES GROWTH - QUARTER ENDED SEPTEMBER 2007 (\%)


Media would show the highest EBITDA jump, followed by Telecom

## EBITDA margins excluding Banks and Oil \& Gas to drop 50bp

\& We expect our Universe of 114 companies (excluding Banks and Oil, Gas \& Petchem) to register 2QFY08 EBITDA growth of $14.5 \%$ Yo Y. This is lower than topline growth of $17.2 \%$, implying a 50bp drop in EBITDA margin. The major drags on marg in are the currency sensitive sectors - Metals (-230bp), Textiles (-230bp) and IT (-200bp YoY, +30 bp QoQ). Only two sectors are expected to see meaningful margin expansion - Cement (+370bp) and Telecom (+310bp).
e Metal sector margins are dragged down by non-ferrous metals, adversely affected by lower prices on LME, stronger rupee and lower import duty. The worst affected are Nalco (-1,180bp), Hindustan Zinc (-510bp) and Hindalco (-500bp).
es Textiles sector margins will be hit by falling product prices and the rising rupee. We expect the worst hit to include Arvind (-820bp), Himatsingka (-740bp) and Raymond (-470bp).
e IT sector margins could see a sharp 200bp drop YoY due to the double whammy of wage hikes coupled with a stronger rupee.
\& Cement sector is expected to see healthy EBITDA growth of $40 \%$ YoY. Though cement prices are higher almost $12 \%$ Yo Y, cost pressures, mainly coal and freight, will check margin expansion to only 370 bp YoY.
e Telecom sector is expected to report strong EBITDA growth of 54.8\% YoY (EBITDA margin expansion of 310 bp ) on the back of operating leverage following high subscriber addition.
\& Oil, gas \& petchem sector is expected to witness a strong 190bp expansion in margins due to a variety of company-specific reasons. GAIL margins should expand 830bp due to low-base effect, as it had lost one month's production in 2QFY07 due to floods. Reliance margins are expected to be 210bp higher due to improved GRMs. For IOC, benefits of Panipat refinery (commis sioned post-2QFY07) are expected drive margins higher by 170bp. (Note: For oil marketing companies, our estimates factor in oil bonds worth Rs 120b to be issued in 2QFY08 against Rs 133b in 2QFY07.)

SECTORAL EBITDA GROWTH - QUARTER ENDED SEPTEMBER 2007 (\%)


Media would witness the fastest net profit growth in our universe, followed by Telecom

## PAT growth of $11.6 \%$ YoY - lowest in last seven quarters

e We expect overall PAT growth to be muted at $11.6 \%$ YoY. The major drags on profit growth are Autos ( $-1.8 \%$ YoY), Metals ( $-1.5 \%$ YoY), Pharma ( $+2.2 \%$ YoY), Utilities $(+5.3 \%$ YoY) and Oil, Gas \& Petchem $(+8.8 \%)$. The sectors with the highest PAT growth are Telecom ( $+65.1 \%$ YoY), Cement ( $+37 \%$ YoY) and Engineering ( $+25.2 \%$ YoY). In almost all sectors, PAT growth is lower than EBITDA growth, suggesting higher burden of depreciation and interest.
\& Telecom is the highest profit growth sector. Bharti leads the pack with expected PAT growth of $68 \%$ YoY, followed by RCom at $61 \%$ YoY.
\& In Cement, four of the seven companies in our Universe are expected to clock PAT growth of over $40 \%$. Ultratech leads the pack with $55 \%$ PAT growth. A mbuja Cement is expected to grow the slowest at $17 \% \mathrm{YoY}$.
\& Engineering PAT expected to grow $25 \%$ Yo Y, led by L\&T ( $+64 \%$ YoY), ABB ( $+41 \%$ Yo Y), Crompton ( $+36 \%$ Yo Y) and BHEL ( $+31 \%$ YoY). Only one company is expected to show PAT de-growth - Suzlon ( $-13 \%$ YoY).

* Three sectors are expected to register PAT de-growth - Textiles ( $-32 \%$ YoY), Autos (-1.8\% Yo Y) and Metals (-1.5\% Yo Y).
\& Profit growth for Sensex companies is expected to be $15.7 \%$ YoY. The top five performers are expected to be Bharti ( $+68 \%$ Yo Y), L\&T ( $+64 \%$ Yo Y), RCom (+61\% Yo Y), ACC ( $+45 \% \mathrm{YoY}$ ) and Grasim ( $+41 \%$ Yo Y). The bottom five are likely to be Dr Reddy's ( $-47 \%$ YoY), Cipla ( $-34 \%$ Yo Y), Hindalco ( $-23 \%$ YoY), Tata Motors ($17 \% \mathrm{YoY}$ ) and Bajaj Auto ( $-9.5 \%$ Yo Y).

SECTORAL NET PROFIT GROWTH - QUARTER ENDED SEPTEMBER 2007 (\%)


Source: Motilal Oswal Securities

QUARTERLY PERFORMANCE - MOST UNIVERSE

| SECTOR | EBITDA MARGIN (\%) |  |  | NET PROFIT MARGIN (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (no. of Companies) | SEP. 06 | SEP. 07 | CHG. (\%) | SEP. 06 | SEP. 07 | CHG. (\%) |
| Auto (11) | 12.8 | 12.1 | -0.8 | 8.6 | 7.9 | -0.7 |
| Banks (20) | 70.6 | 69.9 | -0.7 | 38.0 | 36.9 | -1.1 |
| Cement (7) | 29.3 | 33.0 | 3.7 | 18.7 | 20.6 | 2.0 |
| Engineering (10) | 12.3 | 12.3 | -0.1 | 9.1 | 8.5 | -0.7 |
| FMCG (12) | 20.1 | 20.2 | 0.2 | 14.3 | 14.3 | 0.0 |
| IT (14) | 25.5 | 23.3 | -2.2 | 21.0 | 19.7 | -1.3 |
| Infrastructure (8) | 13.7 | 14.9 | 1.1 | 6.5 | 6.3 | -0.2 |
| Media (1) | 6.2 | 29.9 | 23.7 | 5.4 | 19.5 | 14.1 |
| Metals (8) | 36.6 | 34.3 | -2.3 | 21.9 | 20.8 | -1.1 |
| Oil Gas \& Petchem (9) | 12.3 | 14.2 | 1.9 | 8.1 | 8.4 | 0.3 |
| Pharma (17) | 21.3 | 20.4 | -0.9 | 15.2 | 14.6 | -0.6 |
| Retail (3) | 8.5 | 7.4 | -1.0 | 4.4 | 3.2 | -1.2 |
| Telecom (3) | 38.8 | 41.9 | 3.1 | 20.8 | 23.3 | 2.6 |
| Textiles (7) | 18.6 | 16.3 | -2.3 | 8.1 | 4.7 | -3.4 |
| Utilities (6) | 21.9 | 23.1 | 1.2 | 16.9 | 15.6 | -1.4 |
| Others (8) | 22.7 | 21.4 | -1.3 | 14.5 | 13.5 | -1.1 |
| MOSt (144) | 20.1 | 21.2 | 1.1 | 12.9 | 13.0 | 0.1 |
| MOSt Excl. Banks (124) | 17.6 | 18.6 | 1.0 | 11.6 | 11.7 | 0.1 |
| MOSt Excl.Oil \& Gas (135) | 28.4 | 27.9 | -0.5 | 18.0 | 17.4 | -0.6 |
| MOSt Excl. Banks \& Oil (115) | 23.9 | 23.4 | -0.5 | 15.8 | 15.3 | -0.6 |
| MOSt Excl Metals \& Oil (127) | 26.4 | 26.6 | 0.1 | 17.0 | 16.7 | -0.4 |
| MOST Excl. RMs (141) | 27.3 | 27.8 | 0.5 | 17.1 | 17.1 | 0.0 |

EBITDA MARGIN GROWTH - QUARTER ENDED SEPTEMBER 2007 (\%)
NET PROFIT MARGIN GROWTH - QUARTER ENDED SEPTEMBER 2007 (\%)


| SECTORAL Contribution to growth in sales, ebitda and net profit (\%) Source: Motilal Oswal Securities |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| SECTOR | Contribution | SECTOR | contribution to Ebitda Gr. | SECTOR | CONTRIBUTION TO NP GR. |
|  | to Sales Gr. |  |  |  |  |
| Oil Gas \& Petchem (9) | 20.6 | Oil Gas \& Petchem (9) | 38.2 | Oil Gas \& Petchem (9) | 23.1 |
| Engineering (10) | 15.2 | Banks (20) | 16.9 | Telecom (3) | 20.9 |
| IT (14) | 13.2 | Telecom (3) | 15.6 | Banks (20) | 17.8 |
| Telecom (3) | 10.2 | Cement (7) | 7.2 | IT (14) | 13.6 |
| Banks (20) | 8.2 | IT (14) | 6.2 | Cement (7) | 9.6 |
| Utilities (6) | 5.1 | Engineering (10) | 5.7 | Engineering (10) | 7.0 |
| FMCG (12) | 4.9 | Utilities (6) | 5.1 | FMCG (12) | 4.8 |
| Cement (7) | 4.8 | FMCG (12) | 3.3 | Others (8) | 2.2 |
| Auto (11) | 3.8 | Others (8) | 1.7 | Utilities (6) | 2.2 |
| Metals (8) | 3.6 | Infrastructure (8) | 1.2 | Media (1) | 1.3 |
| Others (8) | 2.9 | Media (1) | 1.0 | Infrastructure (8) | 0.7 |
| Retail (3) | 2.5 | Retail (3) | 0.5 | Pharma (17) | 0.6 |
| Infrastructure (8) | 1.8 | Pharma (17) | 0.4 | Retail (3) | 0.2 |
| Pharma (17) | 1.8 | Textiles (7) | 0.1 | Auto (11) | -0.8 |
| Textiles (7) | 1.1 | Auto (11) | -0.1 | Textiles (7) | -1.3 |
| Media (1) | 0.2 | Metals (8) | -2.7 | Metals (8) | -2.1 |

Source: Motilal Oswal Securities

## Scoreboard (quarter ended September 2007)



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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 (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 28.9.07 |  | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E |
| Automobiles |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Amtek Auto | 360 | Buy | 24.0 | 31.0 | 35.7 | 15.0 | 11.6 | 10.1 | 9.1 | 6.7 | 5.4 | 19.3 | 19.9 | 18.7 |
| Ashok Leyland | 46 | Buy | 3.2 | 3.4 | 3.8 | 14.1 | 13.5 | 12.1 | 8.7 | 8.0 | 7.1 | 23.3 | 22.0 | 21.3 |
| Bajaj Auto | 2,540 | Buy | 127.2 | 131.3 | 153.5 | 20.0 | 19.3 | 16.5 | 14.7 | 14.0 | 11.0 | 23.3 | 20.6 | 20.6 |
| Bharat Forge | 286 | Buy | 12.0 | 12.5 | 16.2 | 23.8 | 22.8 | 17.6 | 13.3 | 13.8 | 10.7 | 17.5 | 17.2 | 16.7 |
| Eicher Motors | 421 | Neutral | 21.8 | 25.8 | 30.4 | 19.3 | 16.3 | 13.8 | 9.2 | 7.8 | 6.4 | 14.8 | 15.4 | 15.9 |
| Hero Honda | 745 | Neutral | 43.4 | 43.1 | 50.2 | 17.2 | 17.3 | 14.8 | 11.0 | 11.1 | 8.9 | 38.3 | 31.9 | 31.2 |
| Mahindra \& Mahindra | a 752 | Buy | 55.1 | 64.3 | 75.2 | 13.7 | 11.7 | 10.0 | 13.0 | 11.2 | 9.7 | 25.9 | 22.6 | 20.8 |
| Maruti Suzuki | 1,000 | Buy | 53.9 | 67.7 | 79.2 | 18.5 | 14.8 | 12.6 | 10.8 | 8.1 | 6.7 | 22.7 | 22.6 | 21.2 |
| Swaraj Mazda | 304 | Neutral | 15.3 | 24.3 | 28.1 | 19.8 | 12.5 | 10.8 | 11.2 | 7.6 | 6.7 | 21.2 | 27.1 | 25.6 |
| Tata Motors | 778 | Buy | 52.9 | 51.9 | 59.0 | 14.7 | 15.0 | 13.2 | 9.9 | 10.6 | 9.1 | 27.6 | 21.4 | 21.0 |
| TVS Motor | 70 | Neutral | 2.8 | 2.2 | 2.7 | 25.0 | 32.4 | 25.8 | 13.6 | 14.2 | 11.7 | 8.2 | 6.1 | 7.3 |
| Sector Aggregate |  |  |  |  |  | 18.2 | 17.3 | 15.1 | 11.1 | 10.2 | 8.5 | 24.3 | 21.5 | 20.9 |
| Cement |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ACC | 1,195 | Neutral | 58.6 | 76.8 | 84.6 | 20.4 | 15.5 | 14.1 | 13.7 | 9.9 | 8.7 | 35.1 | 34.2 | 29.7 |
| Ambuja Cements | 144 | Buy | 8.8 | 10.3 | 11.4 | 16.3 | 14.0 | 12.6 | 11.6 | 9.2 | 7.7 | 47.3 | 36.3 | 29.8 |
| Birla Corporation | 337 | Buy | 42.4 | 52.0 | 55.7 | 7.9 | 6.5 | 6.0 | 4.9 | 3.7 | 2.9 | 49.0 | 39.9 | 31.4 |
| Grasim Industries | 3,513 | Buy | 214.7 | 298.3 | 310.6 | 16.4 | 11.8 | 11.3 | 7.9 | 5.8 | 5.0 | 29.6 | 30.2 | 24.6 |
| India Cements | 292 | Buy | 17.6 | 26.2 | 27.9 | 16.6 | 11.2 | 10.5 | 13.0 | 8.0 | 6.6 | 44.1 | 42.4 | 32.0 |
| Shree Cement | 1,522 | Buy | 45.6 | 138.3 | 168.4 | 33.4 | 11.0 | 9.0 | 9.9 | 6.2 | 4.4 | 42.3 | 70.9 | 49.7 |
| UltraTech Cement | 1,043 | Buy | 62.8 | 87.9 | 106.4 | 16.6 | 11.9 | 9.8 | 10.2 | 7.5 | 6.0 | 55.8 | 48.2 | 39.0 |
| Sector Aggregate |  |  |  |  |  | 17.1 | 12.5 | 11.3 | 10.0 | 7.3 | 6.1 | 38.1 | 36.3 | 29.8 |
| Engineering |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ABB | 1,294 | Neutral | 16.1 | 23.8 | 30.8 | 80.5 | 54.3 | 42.0 | 55.8 | 35.4 | 27.0 | 36.7 | 49.5 | 53.0 |
| Alstom Projects | 830 | Neutral | 16.6 | 23.4 | 28.7 | 50.0 | 35.5 | 28.9 | 43.1 | 29.8 | 23.7 | 33.3 | 37.4 | 35.7 |
| Bharat Electronics | 1,840 | Buy | 89.2 | 102.3 | 120.1 | 20.6 | 18.0 | 15.3 | 11.4 | 9.9 | 8.1 | 32.5 | 29.4 | 27.5 |
| BHEL | 2,033 | Neutral | 48.8 | 63.2 | 81.1 | 41.7 | 32.2 | 25.1 | 25.5 | 19.6 | 16.0 | 28.8 | 29.6 | 30.0 |
| Crompton Greaves | 333 | Neutral | 6.6 | 9.8 | 14.4 | 50.5 | 33.9 | 23.2 | 36.0 | 25.2 | 19.2 | 32.6 | 36.8 | 37.7 |
| Cummins India | 435 | Neutral | 11.7 | 15.9 | 20.3 | 37.4 | 27.4 | 21.4 | 27.8 | 19.5 | 14.5 | 25.4 | 29.7 | 31.1 |
| Larsen \& Toubro | 2,813 | Neutral | 63.9 | 84.4 | 106.8 | 44.0 | 33.3 | 26.3 | 43.0 | 29.5 | 23.8 | 26.1 | 28.9 | 28.9 |
| Siemens | 1,352 | Neutral | 31.0 | 45.0 | 58.3 | 43.7 | 30.0 | 23.2 | 26.8 | 19.7 | 16.5 | 42.1 | 47.9 | 47.7 |
| Suzlon Energy | 1,447 | Neutral | 30.0 | 40.6 | 59.8 | 48.1 | 35.7 | 24.2 | 35.7 | 23.2 | 16.6 | 29.0 | 28.0 | 29.9 |
| Thermax | 750 | Buy | 16.1 | 23.6 | 32.5 | 46.5 | 31.8 | 23.0 | 29.4 | 21.3 | 15.1 | 39.7 | 41.2 | 43.9 |
| Sector Aggregate |  |  |  |  |  | 43.3 | 32.5 | 24.9 | 30.7 | 22.4 | 17.7 | 31.2 | 32.0 | 33.4 |
| FMCG |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Asian Paints | 983 | Buy | 28.1 | 33.7 | 41.3 | 34.9 | 29.1 | 23.8 | 21.8 | 17.7 | 14.6 | 35.7 | 35.1 | 34.4 |
| Britannia | 1,457 | Buy | 47.3 | 77.9 | 90.4 | 30.8 | 18.7 | 16.1 | 23.8 | 11.0 | 9.2 | 17.9 | 25.3 | 23.6 |
| Colgate | 402 | Neutral | 14.2 | 18.1 | 21.5 | 28.3 | 22.2 | 18.7 | 25.0 | 20.3 | 16.8 | 70.1 | 136.3 | 272.9 |
| Dabur | 106 | Neutral | 3.3 | 4.0 | 5.0 | 32.3 | 26.4 | 21.1 | 26.2 | 20.7 | 17.0 | 58.8 | 53.7 | 51.1 |
| Godrej Consumer | 141 | Neutral | 5.9 | 7.1 | 8.3 | 23.8 | 20.0 | 17.0 | 18.1 | 15.7 | 13.5 | 123.8 | 145.8 | 167.0 |
| GSK Consumer | 639 | Buy | 30.2 | 34.5 | 39.1 | 21.2 | 18.5 | 16.4 | 13.1 | 10.9 | 9.4 | 22.9 | 22.7 | 22.2 |
| Hind. Unilever | 219 | Neutral | 7.0 | 8.1 | 9.2 | 31.4 | 26.9 | 23.9 | 27.7 | 23.7 | 20.5 | 56.5 | 61.5 | 64.5 |
| ITC | 190 | Buy | 7.2 | 8.2 | 9.6 | 26.4 | 23.3 | 19.7 | 17.1 | 14.9 | 12.3 | 25.9 | 25.7 | 26.6 |
| Marico | 61 | Buy | 2.0 | 2.6 | 3.2 | 29.9 | 23.4 | 18.8 | 18.2 | 14.7 | 12.1 | 74.9 | 66.6 | 58.0 |
| Nestle | 1,324 | Buy | 33.9 | 43.7 | 53.8 | 39.1 | 30.3 | 24.6 | 23.5 | 18.3 | 15.0 | 53.8 | 61.8 | 68.3 |
| Tata Tea | 802 | Neutral | 50.6 | 44.9 | 78.7 | 15.9 | 17.9 | 10.2 | 7.8 | 5.5 | 4.4 | 14.0 | 6.8 | 10.9 |
| United Spirits | 1,746 | Buy | 25.4 | 44.1 | 69.9 | 68.8 | 39.6 | 25.0 | 34.5 | 19.9 | 16.3 | 17.2 | 22.4 | 20.0 |
| Sector Aggregate |  |  |  |  |  | 30.2 | 25.4 | 20.9 | 20.5 | 17.0 | 14.1 | 31.3 | 30.8 | 32.1 |

Ready reckoner: valuations

|  | MP (RS) | RECO | EPS (RS) |  |  | P/E (X) |  |  | EV/EbitdA |  |  | ROE (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 28.9.07 |  | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E |
| Information Technology |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Geometric Software | 97 | Neutral | 6.1 | 6.8 | 9.5 | 16.0 | 14.3 | 10.3 | 10.4 | 10.1 | 6.1 | 20.9 | 18.0 | 21.6 |
| HCL Technologies | 300 | Buy | 18.9 | 19.0 | 22.8 | 15.9 | 15.8 | 13.1 | 13.2 | 10.4 | 8.1 | 29.9 | 25.8 | 27.4 |
| Hexaware | 125 | UR | 9.4 | 9.2 | 11.4 | 13.3 | 13.6 | 10.9 | 10.1 | 9.5 | 7.3 | 22.7 | 15.3 | 16.6 |
| i-flex solutions | 1,890 | Neutral | 33.2 | 39.8 | 55.1 | 56.9 | 47.5 | 34.3 | 41.9 | 33.6 | 24.0 | 15.3 | 13.8 | 16.7 |
| Infosys | 1,897 | Buy | 68.4 | 80.5 | 97.9 | 27.7 | 23.6 | 19.4 | 23.0 | 19.2 | 14.6 | 42.3 | 34.9 | 32.5 |
| Infotech Enterpr | 267 | Buy | 17.7 | 18.7 | 27.0 | 15.1 | 14.3 | 9.9 | 10.2 | 8.2 | 5.6 | 31.5 | 24.9 | 28.2 |
| KPIT Cummins Inf | 120 | Buy | 6.8 | 8.2 | 11.7 | 17.8 | 14.7 | 10.3 | 13.5 | 9.2 | 6.6 | 29.7 | 26.5 | 27.7 |
| MphasiS | 286 | Buy | 7.3 | 12.4 | 15.2 | 39.1 | 23.0 | 18.8 | 22.5 | 11.4 | 8.5 | 27.4 | 43.4 | 38.5 |
| Patni Computer | 470 | Neutral | 25.8 | 30.6 | 34.2 | 18.2 | 15.4 | 13.7 | 10.6 | 10.2 | 7.9 | 16.8 | 17.4 | 16.9 |
| Sasken Comm | 334 | Buy | 15.5 | 13.6 | 21.8 | 21.5 | 24.6 | 15.3 | 14.2 | 14.8 | 8.6 | 11.0 | 8.8 | 13.0 |
| Satyam Computer | 444 | Buy | 21.5 | 24.8 | 30.1 | 20.7 | 17.9 | 14.7 | 16.8 | 13.8 | 10.6 | 27.9 | 25.8 | 25.3 |
| TCS | 1,057 | Buy | 41.7 | 50.8 | 62.2 | 25.4 | 20.8 | 17.0 | 20.3 | 17.2 | 13.7 | 64.9 | 57.6 | 48.3 |
| Tech Mahindra | 1,331 | UR | 46.4 | 58.7 | 78.9 | 28.7 | 22.7 | 16.9 | 21.7 | 17.0 | 11.9 | 66.2 | 47.4 | 37.3 |
| Wipro | 460 | Buy | 19.7 | 23.8 | 29.4 | 23.3 | 19.4 | 15.6 | 18.1 | 14.7 | 11.0 | 32.4 | 30.3 | 29.8 |
| Sector Aggregate |  |  |  |  |  | 24.9 | 20.9 | 16.8 | 19.7 | 16.3 | 12.5 | 32.4 | 29.8 | 28.8 |
| Infrastructure |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B.L.Kashyap | 2,418 | Neutral | 46.4 | 79.0 | 112.8 | 52.1 | 30.6 | 21.4 | 30.2 | 20.4 | 14.6 | 18.2 | 25.2 | 28.2 |
| Gammon India | 466 | Buy | 10.8 | 13.7 | 19.7 | 43.0 | 33.9 | 23.6 | 23.3 | 17.7 | 13.2 | 8.3 | 9.6 | 12.2 |
| GMR Infrastructure | 174 | Neutral | 1.1 | 1.0 | 1.2 | 165.1 | 180.1 | 147.1 | 58.1 | 49.7 | 31.5 | 10.1 | 8.6 | 9.6 |
| Hindustan Construction | ion 137 | Buy | 2.1 | 3.9 | 7.4 | 64.2 | 35.2 | 18.5 | 23.7 | 13.4 | 9.7 | 6.6 | 9.1 | 13.3 |
| IVRCL Infra. | 422 | Buy | 10.5 | 13.5 | 18.9 | 40.2 | 31.3 | 22.4 | 24.1 | 17.5 | 12.8 | 15.1 | 12.3 | 15.3 |
| J P Associates | 1,092 | Buy | 19.7 | 22.8 | 30.1 | 55.3 | 47.9 | 36.3 | 34.0 | 23.8 | 19.7 | 15.6 | 13.2 | 12.3 |
| Nagarjuna Constructio | ion 253 | Buy | 6.4 | 8.1 | 11.8 | 39.5 | 31.3 | 21.4 | 25.9 | 17.5 | 13.3 | 13.5 | 13.4 | 14.4 |
| Patel Engineering | 453 | Buy | 18.8 | 19.0 | 25.7 | 24.1 | 23.8 | 17.6 | 18.0 | 14.1 | 11.2 | 24.1 | 14.5 | 17.0 |
| Sector Aggregate |  |  |  |  |  | 67.2 | 52.9 | 37.9 | 34.7 | 25.5 | 19.1 | 12.4 | 12.0 | 13.2 |
| Media |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Zee Entertainment | 342 | Neutral | 5.5 | 8.1 | 11.7 | 62.7 | 42.4 | 29.3 | 47.1 | 27.5 | 19.4 | 13.4 | 17.4 | 17.2 |
| Metals |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hindalco | 172 | Neutral | 24.2 | 7.5 | 12.3 | 7.1 | 23.1 | 14.0 | 5.7 | 9.0 | 7.4 | 22.8 | 6.5 | 9.2 |
| Hindustan Zinc | 813 | Buy | 105.1 | 93.8 | 102.6 | 7.7 | 8.7 | 7.9 | 4.8 | 5.1 | 4.1 | 58.2 | 35.1 | 28.4 |
| Jindal Steel \& Power | 5,183 | Buy | 228.3 | 305.5 | 357.3 | 22.7 | 17.0 | 14.5 | 14.0 | 9.7 | 7.6 | 28.3 | 27.9 | 27.3 |
| JSW Steel | 851 | Buy | 71.7 | 102.4 | 114.8 | 11.9 | 8.3 | 7.4 | 6.9 | 5.7 | 5.3 | 24.1 | 25.9 | 23.6 |
| Nalco | 302 | Neutral | 37.0 | 24.3 | 27.2 | 8.2 | 12.4 | 11.1 | 4.5 | 5.8 | 6.6 | 30.8 | 22.6 | 17.6 |
| SAIL | 207 | Buy | 14.6 | 20.4 | 21.8 | 14.1 | 10.1 | 9.5 | 7.9 | 5.6 | 5.4 | 34.8 | 34.6 | 28.6 |
| Sterlite Inds. | 748 | Buy | 80.6 | 59.4 | 63.4 | 9.3 | 12.6 | 11.8 | 5.6 | 4.9 | 4.0 | 45.3 | 19.1 | 17.3 |
| Tata Steel | 850 | Buy | 70.2 | 114.6 | 130.0 | 12.1 | 7.4 | 6.5 | 9.7 | 5.2 | 4.7 | 27.6 | 24.7 | 22.7 |
| Sector Aggregate |  |  |  |  |  | 12.0 | 9.9 | 9.0 | 6.9 | 5.8 | 5.2 | 34.1 | 24.4 | 21.9 |
| Oil \& Gas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BPCL | 356 | Buy | 59.2 | 57.4 | 57.3 | 6.0 | 6.2 | 6.2 | 5.7 | 5.5 | 5.5 | 18.8 | 16.4 | 14.8 |
| Cairn India | 181 | Buy |  | 0.6 | 0.8 |  | 311.9 | 234.5 |  | 43.5 | 43.7 |  | 0.4 | 0.5 |
| Chennai Petroleum | 280 | Neutral | 37.9 | 54.6 | 51.8 | 7.4 | 5.1 | 5.4 | 5.2 | 4.0 | 4.1 | 21.4 | 25.1 | 20.2 |
| GAIL | 379 | Neutral | 24.2 | 30.7 | 32.4 | 15.6 | 12.3 | 11.7 | 10.7 | 7.9 | 7.3 | 22.8 | 19.9 | 18.5 |
| HPCL | 266 | Buy | 37.4 | 34.8 | 30.8 | 7.1 | 7.7 | 8.6 | 6.6 | 6.5 | 7.0 | 13.2 | 11.7 | 10.0 |
| Indraprastha Gas | 129 | Not Rated | 9.9 | 11.5 | 12.3 | 13.1 | 11.2 | 10.5 | 6.5 | 5.0 | 4.6 | 32.6 | 30.6 | 26.8 |
| IOC | 470 | Buy | 50.2 | 60.2 | 57.1 | 9.4 | 7.8 | 8.2 | 6.5 | 6.1 | 6.2 | 16.4 | 16.9 | 14.0 |
| ONGC | 958 | Buy | 83.1 | 99.1 | 90.7 | 11.5 | 9.7 | 10.6 | 5.9 | 5.1 | 5.3 | 32.5 | 32.3 | 25.6 |
| Reliance Inds. | 2,296 | Buy | 82.2 | 92.0 | 97.2 | 27.9 | 25.0 | 23.6 | 17.7 | 16.2 | 16.5 | 22.1 | 19.5 | 17.3 |
| Sector Aggregate |  |  |  |  |  | 15.6 | 13.5 | 13.6 | 9.2 | 8.2 | 8.5 | 22.6 | 22.0 | 18.5 |

Ready reckoner: valuations


Ready reckoner: valuations


|  | CMP (RS) | RECO | EPS (RS) |  |  | P/E (X) |  |  | P/BV (X) |  |  | ROE (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 28.9.07 |  | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E |
| Banks |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Andhra Bank | 105 | Buy | 11.1 | 12.5 | 14.4 | 9.4 | 8.4 | 7.3 | 1.6 | 1.4 | 1.3 | 17.8 | 18.1 | 18.7 |
| Axis Bank | 764 | Buy | 23.4 | 26.4 | 37.8 | 32.7 | 28.9 | 20.2 | 6.3 | 3.2 | 2.8 | 21.0 | 15.7 | 14.9 |
| Bank of Baroda | 327 | Buy | 28.1 | 33.9 | 40.8 | 11.6 | 9.6 | 8.0 | 1.4 | 1.3 | 1.1 | 12.4 | 13.6 | 14.7 |
| Bank of India | 277 | Buy | 23.0 | 28.7 | 34.2 | 12.0 | 9.6 | 8.1 | 2.4 | 2.0 | 1.6 | 21.3 | 22.2 | 22.1 |
| Canara Bank | 278 | Buy | 34.7 | 39.2 | 43.6 | 8.0 | 7.1 | 6.4 | 1.4 | 1.2 | 1.1 | 18.8 | 18.4 | 17.9 |
| Corporation Bank | 388 | Sell | 37.4 | 45.6 | 52.8 | 10.4 | 8.5 | 7.4 | 1.5 | 1.3 | 1.2 | 15.0 | 16.3 | 16.7 |
| Federal Bank | 372 | Buy | 34.2 | 43.1 | 54.0 | 10.9 | 8.6 | 6.9 | 2.1 | 1.8 | 1.4 | 21.3 | 22.2 | 22.9 |
| HDFC | 2,527 | Buy | 62.1 | 82.0 | 86.1 | 40.7 | 30.8 | 29.3 | 11.5 | 6.8 | 5.2 | 31.3 | 25.1 | 20.6 |
| HDFC Bank | 1,439 | Buy | 35.8 | 43.1 | 59.0 | 40.3 | 33.4 | 24.4 | 7.1 | 4.3 | 3.8 | 19.5 | 16.8 | 16.6 |
| ICICI Bank | 1,063 | Neutral | 34.6 | 36.8 | 48.0 | 30.7 | 28.9 | 22.1 | 3.9 | 2.5 | 2.3 | 13.4 | 11.4 | 10.8 |
| Indian Bank | 160 | Buy | 17.7 | 22.0 | 27.3 | 9.1 | 7.3 | 5.9 | 2.1 | 1.7 | 1.4 | 28.4 | 25.2 | 25.6 |
| Indian Overseas Bank | nk 144 | Buy | 18.5 | 22.0 | 26.7 | 7.8 | 6.6 | 5.4 | 2.0 | 1.6 | 1.3 | 29.1 | 27.5 | 26.6 |
| J\&K Bank | 783 | Buy | 56.6 | 68.1 | 83.5 | 13.8 | 11.5 | 9.4 | 1.9 | 1.7 | 1.5 | 14.4 | 15.5 | 16.7 |
| Karnataka Bank | 224 | Buy | 14.6 | 19.2 | 22.3 | 15.3 | 11.7 | 10.0 | 2.2 | 1.9 | 1.7 | 15.1 | 17.5 | 17.7 |
| Oriental Bank | 242 | Neutral | 33.0 | 37.6 | 42.6 | 7.3 | 6.4 | 5.7 | 1.2 | 1.0 | 0.9 | 15.4 | 16.0 | 16.5 |
| Punjab National Bank | k 543 | Buy | 48.8 | 57.9 | 68.5 | 11.1 | 9.4 | 7.9 | 1.7 | 1.5 | 1.3 | 16.0 | 16.9 | 17.5 |
| State Bank | 1,951 | Buy | 86.3 | 99.0 | 117.0 | 22.6 | 19.7 | 16.7 | 3.3 | 2.9 | 2.5 | 15.4 | 15.6 | 16.2 |
| Syndicate Bank | 92 | Buy | 13.7 | 15.6 | 16.6 | 6.7 | 5.9 | 5.6 | 1.5 | 1.2 | 1.1 | 21.9 | 20.3 | 18.6 |
| Union Bank | 163 | Buy | 16.7 | 21.1 | 26.0 | 9.8 | 7.8 | 6.3 | 1.7 | 1.5 | 1.3 | 19.2 | 20.7 | 21.8 |
| Vijaya Bank | 70 | Neutral | 7.6 | 8.8 | 9.6 | 9.2 | 7.9 | 7.3 | 1.6 | 1.4 | 1.3 | 18.6 | 18.9 | 18.2 |
| Sector Aggregate |  |  |  |  |  | 21.1 | 17.3 | 14.2 | 3.7 | 2.9 | 2.3 | 17.4 | 16.6 | 16.3 |

Ready reckoner: quarterly performance


Ready reckoner: quarterly performance


[^1]Ready reckoner: quarterly performance


Ready reckoner: quarterly performance

|  | CMP (RS) | RECO | SALES |  |  | EBITDA |  |  | NET PROFIT |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 28.9.07 |  | J UN. 07 | SEP. 07 | CHG. (\%) | JUN. 07 | SEP. 07 | CHG. (\%) | JUN. 07 | SEP. 07 | CHG. (\%) |
| Information Technology |  |  |  |  |  |  |  |  |  |  |  |
| Geometric Software | 97 | Neutral | 1,129 | 1,209 | 7.1 | 79 | 126 | 60.7 | 117 | 53 | -54.9 |
| HCL Technologies | 300 | Buy | 16,120 | 17,516 | 8.7 | 3,474 | 3,651 | 5.1 | 4,867 | 3,079 | -36.7 |
| Hexaware | 125 | Under Review | 2,616 | 2,664 | 1.8 | 321 | 330 | 2.9 | 261 | 284 | 8.7 |
| i-flex solutions | 1,890 | Neutral | 5,321 | 5,786 | 8.8 | 729 | 944 | 29.6 | 415 | 731 | 76.1 |
| Infosys | 1,897 | Buy | 37,730 | 41,384 | 9.7 | 10,840 | 12,464 | 15.0 | 10,790 | 11,028 | 2.2 |
| Infotech Enterpr | 267 | Buy | 1,488 | 1,669 | 12.2 | 264 | 307 | 16.3 | 130 | 202 | 56.2 |
| KPIT Cummins Inf | 120 | Buy | 1,353 | 1,484 | 9.7 | 215 | 243 | 13.1 | 109 | 153 | 40.4 |
| MphasiS | 286 | Buy | 5,316 | 5,555 | 4.5 | 978 | 1,024 | 4.7 | 513 | 645 | 25.7 |
| Patni Computer | 470 | Neutral | 6,628 | 6,788 | 2.4 | 1,217 | 1,131 | -7.1 | 1,348 | 901 | -33.2 |
| Sasken Comm | 334 | Buy | 1,284 | 1,419 | 10.6 | 62 | 121 | 96.1 | 64 | 55 | -14.6 |
| Satyam Computer | 444 | Buy | 18,302 | 19,577 | 7.0 | 4,103 | 3,934 | -4.1 | 3,783 | 3,741 | -1.1 |
| TCS | 1,057 | Buy | 52,029 | 56,354 | 8.3 | 13,265 | 14,527 | 9.5 | 11,856 | 11,920 | 0.5 |
| Tech Mahindra | 1,331 | Under Review | 8,763 | 9,262 | 5.7 | 1,934 | 1,991 | 3.0 | 1,696 | 1,652 | -2.5 |
| Wipro | 460 | Buy | 41,832 | 46,939 | 12.2 | 8,907 | 10,001 | 12.3 | 7,105 | 8,400 | 18.2 |
| Sector Aggregate |  |  | 199,911 | 217,608 | 8.9 | 46,386 | 50,794 | 9.5 | 43,053 | 42,845 | -0.5 |



# Automobiles 

| COMPANY NAME | PG. |
| :--- | ---: |
| Amtek Auto | 50 |
| Ashok Leyland | 51 |
| BajajAuto | 52 |
| Bharat Forge | 53 |
| Eicher Motors | 54 |
| Hero Honda | 55 |
| Mahindra \& Mahindra | 56 |
| Maruti Suzuki India | 57 |
| Swaraj Mazda | 58 |
| Tata Motors | 50 |

While industry volume growth in April-August 2007 has declined by $2.6 \%$, indications are that the worst is now over, especially with interest rates coming off the peak in key segments like commercial vehicles. Auto volume growth during August 2007 was positive for the first time in FY08, boosted by rapid growth in exports, although domestic volume growth was still marginally negative.

Despite the overall volumes treading negative territory, segments like passenger cars, utility vehicles (UVs) and light commercial vehicles (LCVs) have been able to sustain robust growth rates. We believe that these segments will continue to display robust volume growth.

Demand for passenger vehicles is being boosted by expected rapid growth in high and middle income households due to strong economic growth, increased urbanization, steady introduction of new products, greater penetration in upper-end vehicle segments, aggressive capex plans of most OEM's and the plan to develop India into a regional automotive hub leading to higher exports, etc.

Demand for LCVs is being driven by the increased acceptance of the hub-and-spoke model, and success of Tata Motors' sub-one tonner Ace, which has cannibalized threewheeler sales as well.

| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Reco | SALES |  | Ebitda |  | NET PROFIT |  |
|  |  | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) |
| Automobiles |  |  |  |  |  |  |  |
| Amtek Auto | Buy | 11,540 | 30.0 | 2,054 | 28.2 | 1,096 | 25.7 |
| Ashok Leyland | Buy | 17,436 | 4.1 | 1,534 | 16.2 | 756 | 5.5 |
| Bajaj Auto | Buy | 22,181 | -8.9 | 3,069 | -16.0 | 3,006 | -9.3 |
| Bharat Forge | Buy | 5,408 | 20.0 | 1,163 | -1.2 | 551 | -11.5 |
| Eicher Motors | Neutral | 5,406 | 18.4 | 324 | 23.1 | 176 | 24.1 |
| Hero Honda | Neutral | 23,094 | 3.6 | 2,563 | -9.6 | 2,014 | -6.7 |
| Mahindra \& Mahindra | Buy | 27,206 | 11.0 | 3,183 | -3.3 | 2,491 | 0.8 |
| Maruti Suzuki | Buy | 43,561 | 27.4 | 7,087 | 30.6 | 4,609 | 24.1 |
| Swaraj Mazda | Neutral | 1,779 | 4.0 | 133 | 35.2 | 62 | 26.5 |
| Tata Motors | Buy | 65,177 | -0.8 | 6,518 | -16.2 | 3,531 | -20.8 |
| TVS Motor | Neutral | 8,347 | -22.6 | 267 | -52.3 | 70 | -71.9 |
| Sector Aggregate |  | 231,136 | 5.9 | 27,896 | -0.4 | 18,361 | -2.2 |


|  | FY08 | FY07 | \% GR. |
| :---: | :---: | :---: | :---: |
| Domestic Sales |  |  |  |
| Motorcycles | 2,172,474 | 2,536,668 | -14.4 |
| Two wheelers | 2,785,561 | 3,045,091 | -8.5 |
| Three wheelers | 150,184 | 160,485 | -6.4 |
| Passenger cars | 501,173 | 438,662 | 14.3 |
| UVs | 89,480 | 81,268 | 10.1 |
| M\&HCV | 92,474 | 97,500 | -5.2 |
| LCV | 76,937 | 66,299 | 16.0 |
| Total | 3,695,809 | 3,889,305 | -5.0 |
| Export Sales |  |  |  |
| Motorcycles | 321,321 | 237,103 | 35.5 |
| Two wheelers | 344,017 | 276,161 | 24.6 |
| Three wheelers | 57,779 | 49,765 | 16.1 |
| Passenger cars | 84,048 | 82,401 | 2.0 |
| UVs | 2,868 | 2,338 | 22.7 |
| M\&HCV | 8,810 | 6,580 | 33.9 |
| LCV | 13,203 | 12,090 | 9.2 |
| Total | 510,725 | 429,335 | 19.0 |
| Total Sales |  |  |  |
| Motorcycles | 2,493,795 | 2,773,771 | -10.1 |
| Two wheelers | 3,129,578 | 3,321,252 | -5.8 |
| Three wheelers | 207,963 | 210,250 | -1.1 |
| Passenger cars | 585,221 | 521,063 | 12.3 |
| UVs | 92,348 | 83,606 | 10.5 |
| M\&HCV | 101,284 | 104,080 | -2.7 |
| LCV | 89,748 | 78,389 | 14.5 |
| Total | 4,206,534 | 4,318,640 | -2.6 |

Volume growth had weakened in 1QFY08, particularly in M\&HCVs and two-wheelers, on the back of short-term concerns like higher interest rates, tighter financing norms, and the higher base of the previous year. With interest rates softening in segments like CVs, coupled with the arrival of the festive season (delayed by one month as compared to previous year), the outlook for these segments is also turning positive. We expect the turnaround to commence in 2HFY08, with robust volume growth expected in FY09.

On the back of an absolute decline in volumes in 2QFY08, we expect sector revenues to grow at $5.9 \%$ Yo Y. However, margin pressures, particularly for two-wheeler companies would lead to sector EBITDA marg in declining 70bp YoY to $12.1 \%$ (an increase of 50bp QoQ).

## Risks to the sector growth are easing

We believe that the risk to the sector growth from rising interest rates (leading to concerns on demand growth) and high input cost prices (impacting operating performance and leading to concerns on margins) have declined as compared to 1QFY08. However, with the crude
price maintaining an upward trend, the prices of petrol and diesel, which saw two successive price cuts in 2HFY07, may be increased once more.

The strong demand pull due to the structural and fundamental factors mentioned earlier should sustain volume growth momentum in the medium to long term, with EBITDA margins expected to be stable at FY08 levels. Leaders in the sector have aggressive plans of new products, models and markets, which should drive volume growth.


Source: LME/Bloomberg/Rubber Board of India/Motilal Oswal Securities
Price of key input commodities have declined or have been stable. This will slightly ease the pressure on margins.


Source: Bloomberg/Motilal Oswal Securities
Interest rates have declined. This is a positive for the auto sector, since lower rates would mean lower financing cost.


Note: Figures below the circles indicate the absolute increase in petrol/diesel prices; Circles indicating price increase/decrease to be put in

Source: Bloomberg/Motilal Oswal Securities

Crude prices have come off the low seen in February 2007, and are now significantly higher.


As a result, sector margins are expected to decline 70bp YoY to $12.1 \%$. The negative impact on margins for two-wheelers, and auto component companies is expected to be higher as margins are expected to decline 130bp and 180bp respectively.

| SECTOR EBITDA MARGIN $(\%)$ |  |  |  |
| :--- | :---: | :---: | :---: |
|  | 2QFY 08 | 2QFY07 | 1QFY08 |
| Four-wheeler Companies | 11.7 | 12.3 | 11.3 |
| Two-wheeler Companies | 11.0 | 12.3 | 10.4 |
| Auto Component Companies | 19.0 | 20.8 | 18.3 |
| Auto Sector | $\mathbf{1 2 . 1}$ | $\mathbf{1 2 . 8}$ | $\mathbf{1 1 . 6}$ |

## Key developments

## Acquisitions / joint ventures

\& M\&M has acquired $63.3 \%$ in Punjab Tractors (PTL) - $43.3 \%$ stake of Actis and Burman's and a further $20 \%$ following the open offer at Rs 360 per share. The deal values the equity portion of the company at Rs 21.9 b , implying a cash outflow of Rs 9.5 b to buy the $43.3 \%$ stake and a further Rs 4.4 b for the open offer. Post-acquisition, M\&M's market share in tractors has increased from $\sim 30 \%$ to over $40 \%$. The acquisition has helped $M \& M$ consolidate its position in the North Indian markets in general and the states of Punjab and Hary ana in particular. M\&M will also acquire SwarajEngines, a JV with Kirloskar that manufactures engines for tractors and Swaraj Automobiles that makes auto components and seats for tractors.
\& Maruti intends to set up a 49:51 joint venture company with Futaba Industrial of Japan to manufacture exhaust pipes, exhaust mufflers and exhaust manifolds primarily for Maruti, Suzuki Motor Corporation and associates. The investment in this JV is expected to be Rs 1.82 b . The factory will be constructed in Manesar, Haryana and is expected to start operations by September 2008. It will become fully operational by 2010. Futaba is the largest manufacturer of exhaust system components for automobiles in Japan, with a market share of $35 \%$. The component manufacturer has been a key supplier to Suzuki. It has recently forayed into manufacturing chass is and fuel-related component parts as well.
\& Ashok Leyland has entered into an initial agreement to form three joint ventures with Nissan Motor Company for the development, manufacture and distribution of LCVs. This partnership is a positive development for Ashok Leyland, as it has near-zero presence in the LCV space (its LCV sales have averaged 45 units per month in AprilJuly 2007). With the Avia acquisition offering a presence in MCVs, Ashok Leyland would be able to boast a complete portfolio of CVs, once the JVs with Nissan get operationalized.

## Other

\& Bajaj Auto has launched its new bike XCD 125 DTS-Si (Digital Twin Spark - Swirl Induction) at an ex-showroom price of Rs41,000. It is a 125 cc bike giving mileage equivalent to that of a 100cc bike. The management expects this new bike to be a blockbuster product, causing a shift in the consumer preferences away from 100cc motorcycles. The bike is positioned in the space between the Platina ( 100 cc ) and the Discover ( 135 cc ) and is targeting a segment where Bajaj' s presence is the weakest.

* Tata Motors has launched the passenger carrier version of its successful sub-one ton LCV, Ace. The target audience for this vehicle (named Magic) would be potential purchasers of autorickshaws, ambulances, security vans, etc. Simultaneously launched with the Magic was the Winger - a maxi-van, offering a blend of a car with the spaciousness of a bus for intra-city and long-distance transport. The management expects these launches to complement each other in both the urban areas as well as in the rural interiors.
* TVS Motors has announced seven new products, to be launched in a phased manner over October and November 2007. These launches will attempt to revive its motorcycle sales and will also mark its entry into the three-wheeler segment. The new twowheeler launches announced by the company are a new 125 cc bike, Flame, a 160cc variant of Apache, an electric scooter model, and a 110cc version of Star City. It has also marked its entry into the three-wheelers space, with three two-stroke variants in petrol, CNG, and LPG.


## Passenger vehicles: expect double-digit volume growth

Demand for passenger vehicles is being boosted by expected rapid growth in high and middle income households due to strong economic growth, increased urbanization, steady introduction of new products, greater penetration in upper-end vehicle segments, aggressive capex plans of most OEM's and the plan to develop India into a regional automotive hub leading to higher exports, etc.

We remain extremely positive on Maruti's growth prospects. We expect its volumes to grow at $16.4 \%$ CAGR over FY07-10; aggressive model launches could result in positive surprises both in domestic and export markets. Its successfulentry into the diesel segment with the launch of the Swift diesel, the replacement of the Baleno with the new-age SX4, and the impending launches of the Swift sedan (Esteem replacement), and the Splash (in the A2 segment) would help Marutito maintain its dominance in the passenger cars segment and outpace industry growth. Moreover, new launches by other auto companies in a booming economy and upgradation cycle would see the overall passenger vehicle industry maintaining double-digit volume growth.

## CVs: demand slackens

The M\&HCV industry growth has slackened in April-August 2007 on two main counts the high base of the previous year, and more importantly, higher interest rates, which have led to a significant increase in the cost of ownership of a vehicle. With the interest rates on CVs declining, we expect the scenario to improve significantly in 2HFY08, but input cost pressures would result in stagnant margins in most segments. LCVs, driven by the success of the Ace, have maintained a robust growth rate even in FY08.

Our positive view on the four-wheeler sector is based upon structural and fundamental positives such as the strong growth in the economy/industry, policy focus on infrastructure, increased propensity to spend among the middle and affluent classes, development of India as a small car manufacturing hub, increasing middle-class population, reduction in duties, ban on overloading, infrastructure development, aggressive capex plans of most passenger car manufacturers, and aggressive targets set in the Draft Automotive Mission Plan 2006-2016.

We remain positive on Tata Motors and Ashok Leyland.

## Two-wheelers: expected to bounce back in 2HFY08

The motorcycle segment has lost momentum in CY07 due to the rising interest cost, tighter financing norms, and high base effect of previous year. Over April-August 2007, the motorcycle sales have declined by $10.1 \%$, with the three majors - Hero Honda, Bajaj Auto and TVS Motors registering volume declines of $3.3 \%, 10.7 \%$ and $37.5 \%$ respectively. The launch of the new bike $X C D 125$ by Bajaj Auto is expected to help the company pick up volumes, while also improving on its EBITDA margin.

Intense competitive pressures and sluggish volume growth in 2QFY08 would adversely impact the performance of the two-wheeler segment. EBITDA margins of the two-wheeler players have come under pressure on account of aggressive pricing of entry-level bikes like Platina, price cuts and promotional offers, new launches resulting in higher development costs and increased ad spend, and higher raw-material prices. These factors have impacted all the three two-wheeler majors. However, we are upgrading our recommendation on
BajajAuto to Buy, following the launch of $X C D$, greater visibility of margin improvement, and expectation of higher two-wheeler volumes 2HFY08 onwards.

## Tractors: volume growth taking a pause

Focus on agri-driven growth and normal monsoons have been the demand drivers for tractors. However, the high base of the previous years, and lower availability of financing have led to lower tractor volume growth in 1HFY08. M\&M's performance has been in line with that of the tractor industry. Given the high base of the previous year, we expect the growth rate for tractors to be significantly lower at $5-6 \%$ in FY08. In FY07, the industry had seen volume growth of $20.5 \%$.
$\mathrm{M} \& \mathrm{M}$ also has a sizeable presence in USA (with sales of 10,000 units in FY06) and is gaining a foothold in China via Jiangling Tractor. It has also set up distribution in Australia. $\mathrm{M} \& \mathrm{M}$ now has a presence in the largest tractor markets in the world. Currently, its exports are at $7.5 \%$ of sales and we expect this to improve to $15 \%$ over the next $3-4$ years.

## Valuation and view

After a rapid surge in volumes in FY07 across all segments, the auto sector has witnessed sluggish growth in 1HFY08. Growth has been lower due to the high base of the previous year, and more importantly, higher interest rates, 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.

However, with interest rates softening in segments like CVs, coupled with the arrival of the festive season (delayed by one month as compared to previous year), the outlook for these segments is also turning positive. We expect the turnaround to commence in 2HFY08,
with robust volume growth in FY09. However, intense competitive pressures could adversely impact the performance of the two-wheeler segment.

Our positive view on the four-wheeler sector is based upon structural and fundamental positives such as the strong growth in the economy/industry, policy focus on infrastructure, increased propensity to spend among the middle and affluent classes, development of India as a small car manufacturing hub, increasing middle-class population, infrastructure development, aggressive capex plans of most passenger car manufacturers, and aggressive targets set in the Draft Automotive Mission Plan 2006-2016.

Valuations continue to be in a comfortable zone. We reiterate our Overweight stance on four-wheelers. Our top picks, Maruti Suzuki, Bajaj Auto, M\&M and Tata Motors are dominant players in highly consolidated segments, where the top-two players command more than $50 \%$ market share.


TVS MOTORS: MONTHLY MARKET SHARE MOVEMENT (TWO-WHEELERS)

TATA MOTORS: MONTHLY MARKET SHARE MOVEMENT (PASSENGER CARS)



Source: SIAMMotilal Oswal Securities

## 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 | -12 | 8 | -32 | -32 | -28 | 11 |
| Ashok Leyland | 22 | 4 | 2 | -36 | 6 | 7 |
| Bajaj Auto | 21 | -13 | 2 | -53 | 6 | -10 |
| Bharat Forge | -8 | -18 | -27 | -58 | -24 | -15 |
| Eicher Motors | 19 | 36 | 0 | -3 | 4 | 40 |
| Hero Honda | 9 | -6 | -10 | -45 | -6 | -2 |
| Mahindra \& Mahindra | 6 | 13 | -13 | -27 | -9 | 16 |
| Maruti Suzuki | 33 | 6 | 14 | -34 | 18 | 9 |
| Swaraj Mazda | -4 | 33 | -23 | -6 | -19 | 37 |
| Tata Motors | 17 | -8 | -2 | -47 | 1 | -4 |
| TVS Motor | 9 | -43 | -11 | -83 | -7 | -40 |

RELATIVE PERFORMANCE - 3 MONTH (\%)


RELATIVE PERFORMANCE - 1 YEAR (\%)


| $\begin{array}{r} \hline \text { CMP (RS) } \\ 28.9 .07 \end{array}$ |  | RECO | EPS (RS) |  |  | P/E (X) |  |  | EV/EBITDA |  |  | ROE (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E |
| Automobiles |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Amtek Auto | 360 |  | Buy | 24.0 | 31.0 | 35.7 | 15.0 | 11.6 | 10.1 | 9.1 | 6.7 | 5.4 | 19.3 | 19.9 | 18.7 |
| Ashok Leyland | 46 | Buy | 3.2 | 3.4 | 3.8 | 14.1 | 13.5 | 12.1 | 8.7 | 8.0 | 7.1 | 23.3 | 22.0 | 21.3 |
| Bajaj Auto | 2,540 | Buy | 127.2 | 131.3 | 153.5 | 20.0 | 19.3 | 16.5 | 14.7 | 14.0 | 11.0 | 23.3 | 20.6 | 20.6 |
| Bharat Forge | 286 | Buy | 12.0 | 12.5 | 16.2 | 23.8 | 22.8 | 17.6 | 13.3 | 13.8 | 10.7 | 17.5 | 17.2 | 16.7 |
| Eicher Motors | 421 | Neutral | 21.8 | 25.8 | 30.4 | 19.3 | 16.3 | 13.8 | 9.2 | 7.8 | 6.4 | 14.8 | 15.4 | 15.9 |
| Hero Honda | 745 | Neutral | 43.4 | 43.1 | 50.2 | 17.2 | 17.3 | 14.8 | 11.0 | 11.1 | 8.9 | 38.3 | 31.9 | 31.2 |
| Mahindra \& Mahindra | a 752 | Buy | 55.1 | 64.3 | 75.2 | 13.7 | 11.7 | 10.0 | 13.0 | 11.2 | 9.7 | 25.9 | 22.6 | 20.8 |
| Maruti Suzuki | 1,000 | Buy | 53.9 | 67.7 | 79.2 | 18.5 | 14.8 | 12.6 | 10.8 | 8.1 | 6.7 | 22.7 | 22.6 | 21.2 |
| Swaraj Mazda | 304 | Neutral | 15.3 | 24.3 | 28.1 | 19.8 | 12.5 | 10.8 | 11.2 | 7.6 | 6.7 | 21.2 | 27.1 | 25.6 |
| Tata Motors | 778 | Buy | 52.9 | 51.9 | 59.0 | 14.7 | 15.0 | 13.2 | 9.9 | 10.6 | 9.1 | 27.6 | 21.4 | 21.0 |
| TVS Motor | 70 | Neutral | 2.8 | 2.2 | 2.7 | 25.0 | 32.4 | 25.8 | 13.6 | 14.2 | 11.7 | 8.2 | 6.1 | 7.3 |
| Sector Aggregate |  |  |  |  |  | 18.2 | 17.3 | 15.1 | 11.1 | 10.2 | 8.5 | 24.3 | 21.5 | 20.9 |

# Amtek Auto 

| STOCK INFO. BLOOMBERG <br> BSE Sensex: 17,291 AMTK IN <br>  REUTERS CODE <br> S\&P CNX: 5,021 AMTK.BO |  | 28 September 2007 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs 360 |
| Equity Shares (m) | 162.6 | YEAR | NET SALES | PAT | ADJ.EP | S EPS | P/E | P/BV | Roe | ROCE | EV/ | EV/ |
| 52-Week Range | 438/305 | END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 1,6,12 Rel. Perf. (\%) | -11/-36/-32 | 6/07A | 39,898 | 3,909 | 24.0 | 55.7 | 15.0 | 2.2 | 19.3 | 15.6 | 1.6 | 9.1 |
| M.Cap. (Rs b) | 58.6 | 6/08E | 50,409 | 5,039 | 31.0 | 28.9 | 11.6 | 1.7 | 19.9 | 18.0 | 1.2 | 6.7 |
| M.Cap. (US\$ b) | 1.5 | 6/09E | 57,443 | 5,810 | 35.7 | 15.3 | 10.1 | 1.2 | 18.7 | 18.8 | 1.0 | 5.4 |

* We expect Amtek Auto's consolidated revenues to grow $30 \%$ Yo Y to Rs 11.5 b in 1QFY08, while consolidated adjusted PAT should grow $25.7 \%$ YoY to Rs 1.1b.
* EBITDA margin is likely to expand 40bp QoQ, but decline 20bp YoY to $17.8 \%$, due to the appreciation of the rupee vis-à-vis the euro and the dollar. EBITDA should increase $28.2 \%$ YoY to Rs2.1b.
\& Amtek Auto’s subsidiaries - Benda Amtek and Amtek Siccardi - would continue to contribute to topline growth, while margin improvement at Ahmednagar Forgings would help expand consolidated EBITDA marg in.
$\approx$ We expect A mtek Auto to report net sales of Rs 50.4 b in FY08 (up 26.3\%), and an adjusted PAT of Rs 5 b (up 28.9\%).
* The company has acquired the assets of UK-based JL French's Witham unit, which manufactures high pressure die casting (HPDC) aluminum mainly for automotive applications for European companies. This is Amtek's second asset acquisition in the aluminum foundry space in FY07.
\& 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 A mtek Auto are the cheapest in the auto component space. The stock trades at 11.6x FY08E consolidated EPS of Rs31 and 10.1x FY09E EPS of Rs 35.7. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E JUNE | FY07 |  |  |  | FY08E |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4 Q | 10 | 2 Q | 3 Q | 4 Q |  |  |
| Net Sales | 8,877 | 9,667 | 10,805 | 10,549 | 11,540 | 12,277 | 13,507 | 13,085 | 39,898 | 50,409 |
| Change (\%) | 46.5 | 39.7 | 45.6 | 44.1 | 30.0 | 27.0 | 25.0 | 24.0 | 43.9 | 26.3 |
| Total Cost | 7,275 | 7,890 | 8,812 | 8,715 | 9,486 | 10,067 | 11,008 | 10,623 | 32,692 | 41,184 |
| EBITDA | 1,602 | 1,777 | 1,994 | 1,834 | 2,054 | 2,210 | 2,499 | 2,462 | 7,206 | 9,225 |
| As \% of Sales | 18.0 | 18.4 | 18.4 | 17.4 | 17.8 | 18.0 | 18.5 | 18.8 | 18.1 | 18.3 |
| Change (\%) | 53.0 | 42.8 | 48.4 | 43.6 | 28.2 | 24.4 | 25.3 | 34.2 | 46.7 | 28.0 |
| Other Income | 151 | 178 | 203 | 366 | 250 | 240 | 260 | 283 | 898 | 1,033 |
| Interest | 171 | 199 | 211 | 251 | 235 | 225 | 215 | 211 | 832 | 886 |
| Depreciation | 330 | 339 | 368 | 421 | 410 | 430 | 445 | 459 | 1,457 | 1,744 |
| PBT | 1,252 | 1,417 | 1,618 | 1,527 | 1,659 | 1,795 | 2,099 | 2,075 | 5,815 | 7,627 |
| Tax | 293 | 343 | 409 | 441 | 448 | 485 | 567 | 560 | 1,486 | 2,059 |
| Effective Tax Rate (\%) | 23.4 | 24.2 | 25.3 | 28.9 | 52.8 | 41.4 | 38.5 | 26.9 | 25.6 | 27.0 |
| PAT | 959 | 1,074 | 1,209 | 1,086 | 1,211 | 1,310 | 1,532 | 1,514 | 4,328 | 5,568 |
| Minority Interest | 87 | 103 | 125 | 105 | 115 | 124 | 146 | 144 | 419 | 529 |
| PAT after Minority Interest | 872 | 971 | 1,085 | 981 | 1,096 | 1,186 | 1,387 | 1,371 | 3,909 | 5,039 |
| Change (\%) | 59.8 | 55.7 | 55.4 | 52.5 | 25.7 | 22.1 | 27.8 | 39.7 | 55.7 | 28.9 |

# Ashok Leyland 



* A shok Leyland is likely to report flat vehicle volumes in 2QFY08, resulting in sales growth of $4.1 \%$ YoY to Rs 17.4 b . Sales growth would be higher than volume growth, as the company's product mix is shifting towards higher tonnage vehicles. For FY08, we expect Ashok Leyland to register volume growth of $8 \%$ to 89,749 units.
\& Volume growth in the CV goods segment has been negative in 1HFY08 due to higher interest rates impacting demand, and the high base of last year. However, the demand from the bus segment is strong, and will help the company to show flat volume growth.
\& In 2QFY08, we expect EBITDA marg in to increase 90bp Yo Y, resulting in an EBITDA of Rs 1.5b (growth of $16.2 \%$ YoY). EBITDA margin improvement would be driven by the ongoing productivity improvement and cost reduction programs.
* We expect Ashok Leyland to register overall volume growth of $8 \%$ in FY08 and $9 \%$ in FY09. 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 LCVs.
$\approx$ The stock trades at $13.5 x$ FY08E EPS of Rs3.4 and $12.1 \times$ FY09E EPS of Rs 3.8. We maintain Buy.

| quarterly performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Total Volumes (nos) | 17,040 | 19,869 | 20,068 | 26,124 | 18,163 | 19,879 | 22,500 | 29,207 | 83,101 | 89,749 |
| Net Sales | 14,239 | 16,757 | 17,776 | 22,910 | 16,211 | 17,436 | 20,927 | 26,974 | 71,682 | 81,548 |
| Change (\%) | 33.9 | 34.0 | 47.8 | 32.3 | 13.9 | 4.1 | 17.7 | 17.7 | 36.6 | 13.8 |
| Total Cost | 13,026 | 15,437 | 15,907 | 20,314 | 14,665 | 15,902 | 18,834 | 23,911 | 64,685 | 73,312 |
| EBITDA | 1,213 | 1,320 | 1,869 | 2,596 | 1,546 | 1,534 | 2,093 | 3,063 | 6,997 | 8,236 |
| As a \% of Sales | 8.5 | 7.9 | 10.5 | 11.3 | 9.5 | 8.8 | 10.0 | 11.4 | 9.8 | 10.1 |
| Change (\%) | 41.4 | 10.3 | 61.0 | 20.6 | 27.5 | 16.2 | 12.0 | 18.0 | 30.3 | 17.7 |
| Non-Operating Income | 139 | 99 | 64 | 169 | 76 | 80 | 65 | 142 | 470 | 362 |
| Interest | 5 | 4 | 26 | 19 | 128 | 130 | 125 | 137 | 53 | 519 |
| Gross Profit | 1,346 | 1,415 | 1,907 | 2,746 | 1,494 | 1,484 | 2,033 | 3,069 | 7,414 | 8,080 |
| Less: Depreciation | 328 | 365 | 332 | 481 | 413 | 435 | 440 | 439 | 1,506 | 1,726 |
| PBT | 1,019 | 1,050 | 1,574 | 2,264 | 1,081 | 1,049 | 1,593 | 2,630 | 5,908 | 6,353 |
| Tax | 262 | 334 | 463 | 573 | 361 | 294 | 430 | 747 | 1,632 | 1,832 |
| Effective Tax Rate (\%) | 25.7 | 31.8 | 29.4 | 25.3 | 33.4 | 28.0 | 27.0 | 28.4 | 27.6 | 28.8 |
| Adj. PAT (before EO) | 756 | 716 | 1,112 | 1,692 | 720 | 756 | 1,163 | 1,883 | 4,276 | 4,521 |
| Change (\%) | 126.1 | -10.7 | 96.5 | 28.0 | -4.8 | 5.5 | 4.6 | 11.3 | 41.4 | 5.7 |
| Extraordinary Income | 0 | 268 | 0 | 54 | 197 | 0 | 0 | 0 | 322 | 197 |
| Extraordinary Loss | 65 | 31 | 59 | 30 | 35 | 0 | 0 | 0 | 185 | 35 |
| Rep. PAT | 692 | 954 | 1,053 | 1,715 | 882 | 756 | 1,163 | 1,883 | 4,413 | 4,683 |
| Change (\%) | 7.5 | 27.1 | 93.1 | 28.5 | 27.5 | -20.8 | 10.5 | 9.8 | 34.8 | 6.1 |

## E: MOSt Estimates

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| STOCK Info. | BLOomberg <br> BSE Sensex: 17,291 <br> BJA IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 5,021 | BJAT.BO |
| Equity Shares (m) | 101.2 |
| 52-Week Range | $3,175 / 2,063$ |
| 1,6,12 Rel. Perf. (\%) | $-5 /-31 /-53$ |
| M.Cap. (Rs b) | 257.0 |
| M.Cap. (US\$ b) | 6.5 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Sell |  |  |  |  |  |  |  |  |  |  |
| Year | NET SALE | S 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 | 95,204 | 12,869 | 127.2 | 14.6 | 20.0 | 4.6 | 23.3 | 24.6 | 2.2 | 14.7 |
| 3/08E | 101,868 | 13,283 | 131.3 | 3.2 | 19.3 | 4.0 | 20.6 | 22.6 | 2.0 | 14.0 |
| 3/09E | 114,593 | 15,530 | 153.5 | 16.9 | 16.5 | 3.4 | 20.6 | 23.1 | 1.7 | 11.0 |

\& Total volumes of Bajaj Auto have declined $13.3 \%$ YoY in 2QFY08, the second successive quarter of volume decline. Motorcycle volumes have declined $14.7 \%$ YoY while three-wheelers volumes have declined $7.2 \%$ YoY.
\& We expect sales to decline $8.9 \%$ YoY to Rs 22.2 b . Despite three-wheelers contributing higher to the product mix $(12.2 \% \mathrm{v} / \mathrm{s} 11.4 \%$ in 2QFY07), we expect EBITDA margin to dip by 120bp YoY, but increase by 70bp QoQ to $13.8 \%$. We estimate EBITDA at Rs 3.1b (decline of $16 \% \mathrm{YoY}$ ) and adj. PAT at Rs 3 b (decline of 5.4\% Yo Y).
\& Margins would expand QoQ due to lower salary expenses (annual bonuses are paid in 1Q). We expect margins to improve further in 2HFY08 due to better product mix and higher DEPB benefit due to the revised rate of benefit and higher exports.

* The company has launched its new 125 cc bike $X C D$, which it expects to be a blockbuster product. If successful, it would help the company revive its motorcycle sales and improve its EBITDA marg in. Bajaj is targeting monthly sales of 50,000 units of $X C D$ by October 2007 itself.
\& We are upgrading our recommendation to Buy, following the launch of $X C D$, greater visibility of margin improvement, and expectation of higher two-wheeler volumes 2HFY08 onwards. The stock trades at 19.3x FY08E EPS of 131.3 and $16.5 x$ FY09E EPS of Rs 153.5 .

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Total Volumes (nos) | 647,086 | 708,125 | 738,219 | 625,346 | 571,590 | 614,093 | 781,650 | 807,165 | 2,718,776 | 2,774,498 |
| Net Sales | 22,027 | 24,360 | 25,682 | 23,136 | 21,091 | 22,181 | 28,281 | 30,315 | 95,204 | 101,868 |
| Change (\%) | 34.8 | 30.5 | 28.4 | 6.8 | -4.2 | -8.9 | 10.1 | 31.0 | 24.2 | 7.0 |
| Total Cost | 18,408 | 20,708 | 22,046 | 19,873 | 18,338 | 19,112 | 24,140 | 25,857 | 81,034 | 87,447 |
| EBITDA | 3,619 | 3,652 | 3,636 | 3,263 | 2,754 | 3,069 | 4,141 | 4,458 | 14,170 | 14,422 |
| As \% of Sales | 16.4 | 15.0 | 14.2 | 14.1 | 13.1 | 13.8 | 14.6 | 14.7 | 14.9 | 14.2 |
| Change (\%) | 40.5 | 15.7 | 1.5 | -23.2 | -23.9 | -16.0 | 13.9 | 36.6 | 4.5 | 1.8 |
| Other Income | 946 | 1,424 | 1,609 | 1,577 | 1,027 | 1,567 | 1,810 | 1,614 | 5,556 | 6,018 |
| Interest | 7 | 20 | 2 | 24 | 1 | 18 | 10 | 28 | 53 | 56 |
| Depreciation | 481 | 492 | 472 | 458 | 490 | 500 | 520 | 552 | 1,903 | 2,062 |
| PBT | 4,076 | 4,564 | 4,771 | 4,358 | 3,290 | 4,118 | 5,421 | 5,493 | 17,770 | 18,321 |
| Tax | 1,300 | 1,250 | 1,200 | 1,151 | 1,025 | 1,112 | 1,464 | 1,438 | 4,901 | 5,038 |
| Effective Tax Rate (\%) | 31.9 | 27.4 | 25.2 | 26.4 | 31.2 | 27.0 | 27.0 | 26.2 | 27.6 | 27.5 |
| Adj. PAT | 2,776 | 3,314 | 3,571 | 3,208 | 2,265 | 3,006 | 3,957 | 4,055 | 12,869 | 13,283 |
| Change (\%) | 32.8 | 14.0 | 22.8 | -3.9 | -18.4 | -9.3 | 10.8 | 26.4 | 14.5 | 3.2 |
| PAT | 2,660 | 3,176 | 3,452 | 3,083 | 2,265 | 3,006 | 3,957 | 4,055 | 12,371 | 13,283 |
| Change (\%) | 27.3 | 9.2 | 23.3 | -4.2 | -14.9 | -5.4 | 14.7 | 31.5 | 12.3 | 7.4 |

E: MOSt Estimates

# Bharat Forge 



| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{gathered} \text { Buy } \\ \text { Rs } 286 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{aligned} & \text { PAT } \\ & \text { (RS M) } \end{aligned}$ | EPS <br> (RS) | CON. EPS (RS) | $\begin{aligned} & \mathrm{P} / \mathrm{E} \\ & (\mathrm{X}) \end{aligned}$ | $\begin{aligned} & \text { CON. } \\ & \text { P/E (X) } \end{aligned}$ | RoE <br> (\%) | ROCE <br> (\%) | EV/ SALES | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 18,644 | 2,533 | 10.0 | 12.0 | 28.6 | 23.8 | 17.5 | 15.8 | 3.1 | 12.3 |
| 3/08E | 22,413 | 2,482 | 9.8 | 12.5 | 29.2 | 22.8 | 17.2 | 14.6 | 2.9 | 13.0 |
| 3/09E | 26,878 | 3,083 | 12.2 | 16.2 | 23.5 | 17.6 | 16.7 | 15.9 | 2.3 | 10.0 |

\& We expect Bharat Forge to post sales growth of $20 \%$ YoY in 2QFY08 to Rs 5.4b, driven by $7.8 \%$ increase in domestic sales and $37.5 \%$ increase in exports. Completion in ramp-up of capacities would help accelerate sales growth.
\& We expect EBITDA to decline $1.2 \%$ YoY to Rs 1.2 b , with EBITDA margin declining 460bp YoY to $21.5 \%$. We estimate PAT at Rs 551 m (down $11.5 \% \mathrm{YoY}$ ).
\& Bharat Forge's performance in 1QFY08 was negatively impacted by the appreciating rupee; it has indicated that it would pursue corrective measures. The company also plans to improve EBITDA margin by reducing costs and hedging its expenses against the dollar.
\& The company plans capex of Rs 3.5 b for its non-automotive business ventures - aerospace, oil \& gas exploration, energy, railways \& locomotives, marine activities, infrastructure, solar, wind \& thermal power equipment, etc. Entry into the non-automotive space would further de-risk Bharat Forge's business model and this segment is expected to contribute up to $40 \%$ of global revenues by FY11 ( $17 \%$ in FY07 and $25 \%$ in FY09).
\& Bharat Forge's global subsidiaries operate at a blended margin of about $8-9 \%$. The company plans to enhance margins by achieving higher capacity utilization and introducing value-added products.
e We remain positive on Bharat Forge's 'dual shore' model and the management's global vision. The stock trades at 22.8x FY08E and 17.6x FY09E consolidated EPS of Rs 12.5 and Rs 16.2 respectively. We maintain Buy.

| QUARTERLY PERFORmANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 30 | 4Q | 10 | 2QE | 3QE | 4QE |  |  |
| Net Sales | 4,206 | 4,507 | 4,771 | 5,161 | 4,969 | 5,408 | 5,967 | 6,069 | 18,644 | 22,413 |
| Change (\%) | 15.7 | 19.7 | 19.5 | 17.7 | 18.1 | 20.0 | 25.1 | 17.6 | 18.2 | 20.2 |
| Total Expenses | 3,132 | 3,330 | 3,532 | 3,917 | 3,956 | 4,245 | 4,535 | 4,589 | 13,912 | 17,325 |
| EBITDA | 1,073 | 1,177 | 1,239 | 1,243 | 1,012 | 1,163 | 1,432 | 1,481 | 4,732 | 5,088 |
| As \% of Sales | 25.5 | 26.1 | 26.0 | 24.1 | 20.4 | 21.5 | 24.0 | 24.4 | 25.4 | 22.7 |
| Change (\%) | 23.3 | 21.1 | 25.6 | 18.1 | -5.7 | -1.2 | 15.6 | 19.1 | 21.9 | 7.5 |
| Other Income | 233 | 192 | 162 | 222 | 200 | 190 | 165 | 233 | 809 | 789 |
| Interest | 176 | 197 | 215 | 234 | 234 | 210 | 200 | 183 | 821 | 827 |
| Depreciation | 229 | 250 | 253 | 267 | 329 | 333 | 338 | 344 | 998 | 1,344 |
| Extraordinary Expenses | 101 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 124 | 0 |
| Extrordinary Income | 0 | 0 | 0 | 0 | 333 | 0 | 0 | 0 | 0 | 333 |
| PBT | 800 | 922 | 911 | 965 | 983 | 810 | 1,059 | 1,187 | 3,598 | 4,039 |
| Tax | 285 | 301 | 281 | 322 | 335 | 259 | 349 | 391 | 1,189 | 1,334 |
| Effective Tax Rate (\%) | 35.6 | 32.6 | 30.9 | 33.4 | 34.1 | 32.0 | 33.0 | 32.9 | 33.0 | 33.0 |
| PAT | 515 | 622 | 630 | 643 | 648 | 551 | 710 | 797 | 2,409 | 2,705 |
| Adj. PAT | 616 | 622 | 652 | 643 | 425 | 551 | 710 | 797 | 2,533 | 2,482 |
| Change (\%) | 29.9 | 20.1 | 22.4 | 21.3 | -31.0 | -11.5 | 8.8 | 24.0 | 23.3 | -2.0 |

E: MOSt Estimates; quarter numbers are for standalone company.

## Eicher Motors

| STOCK INFO. <br> BSE Sensex: 17,291 | BLOOMBERG <br> EIM IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 5,021 | EICH.BO |$\quad$| Equity Shares (m) | 28.1 |
| :--- | ---: |
| 52-Week Range | $462 / 222$ |
| 1,6,12 Rel. Perf. (\%) | $0 / 33 /-3$ |
| M.Cap. (Rs b) | 11.8 |
| M.Cap. (US\$ b) | 0.3 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 421 |
| 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 | 19.3 | 2.9 | 14.8 | 15.6 | 0.5 | 9.2 |
| 3/08E | 22,754 | 724 | 25.8 | 18.3 | 16.3 | 2.5 | 15.4 | 16.7 | 0.5 | 7.8 |
| 3/09E | 25,438 | 854 | 30.4 | 17.9 | 13.8 | 2.2 | 15.9 | 17.6 | 0.4 | 6.4 |

25 We expect Eicher Motors' CV volumes to grow 5.3\% YoY in 2QFY08 and $10.8 \%$ in FY08, led by the passenger and LCV goods segments. Its two-wheeler volumes are also seeing robust growth, defying the general industry trend (21.3\% YoY growth in 2QFY08).
\& Eicher should report sales of Rs 5.4 b for the quarter, resulting in an EBITDA of Rs 324 m and PAT of Rs 176 m . For FY08, we expect sales of Rs 22.8 b and PAT of Rs 724 m ( $18.3 \%$ growth).
\& The management has decided not to transfer the motorcycle business to a subsidiary as was initially planned, due to its being unable to find a suitable JV partner.
2. Eicher Motors is a small player in the CV industry, facing margin pressures. However, initiatives such as restructuring, new model launches in high growth segments, attempts to improve realizations and reduce costs, would help counter margin pressures.
\& The company enjoys good recall for its products. While growth may get capped on account of its limited geographical reach and distribution and service network, it is attempting to resolve this issue by expanding its marketing and distribution network. We maintain our Neutral recommendation.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4Q | $1 Q$ | 2QE | 3QE | 4QE |  |  |
| Net Sales | 3,831 | 4,565 | 4,938 | 6,191 | 4,644 | 5,406 | 5,762 | 6,943 | 19,525 | 22,754 |
| Change (\%) | -1.2 | 29.3 | 26.6 | 20.3 | 21.2 | 18.4 | 16.7 | 12.1 | 18.7 | 16.5 |
| Total Expenses | 3,649 | 4,301 | 4,612 | 5,807 | 4,381 | 5,081 | 5,394 | 6,532 | 18,369 | 21,387 |
| EBITDA | 183 | 263 | 326 | 384 | 263 | 324 | 369 | 411 | 1,156 | 1,367 |
| As a \% of Sales | 4.8 | 5.8 | 6.6 | 6.2 | 5.7 | 6.0 | 6.4 | 5.9 | 5.9 | 6.0 |
| Non-Operating Income | 73 | 73 | 52 | 70 | 53 | 75 | 55 | 79 | 267 | 262 |
| Interest | 34 | 31 | 32 | 41 | 53 | 45 | 45 | 38 | 138 | 180 |
| Gross Profit | 221 | 305 | 346 | 413 | 263 | 354 | 379 | 452 | 1,285 | 1,448 |
| Less: Depreciation | 98 | 99 | 102 | 107 | 109 | 110 | 112 | 111 | 405 | 442 |
| PBT | 123 | 206 | 244 | 306 | 155 | 244 | 267 | 341 | 879 | 1,006 |
| Tax | 39 | 65 | 66 | 97 | 43 | 68 | 75 | 95 | 267 | 282 |
| Effective Tax Rate (\%) | 31.7 | 31.3 | 27.0 | 31.8 | 28.0 | 28.0 | 28.0 | 28.0 | 30.3 | 28.0 |
| PAT | 84 | 142 | 178 | 209 | 111 | 176 | 192 | 245 | 613 | 724 |
| Adjusted PAT | 84 | 142 | 178 | 209 | 111 | 176 | 192 | 245 | 613 | 724 |
| Change (\%) | 2,238.9 | N.A. | -39.6 | -25.5 | 32.2 | 24.1 | 8.0 | 17.5 | 22.0 | 18.3 |

[^2]| STOCK INFO. | BLOOMBERG <br> BSE Sensex: <br>  <br> 17,291 <br> HH IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 5,021 | HROH.bO |
| Equity Shares (m) | 199.7 |
| 52-Week Range | $809 / 565$ |
| 1,6,12 Rel. Perf. (\%) | $2 /-21 /-45$ |
| M.Cap. (Rs b) | 148.7 |
| M.Cap. (US\$ b) | 3.7 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 745 |
| 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 | 99,000 | 8,659 | 43.4 | -10.9 | 17.2 | 6.0 | 38.3 | 48.5 | 1.3 | 11.0 |
| 3/08E | 104,085 | 8,609 | 43.1 | -0.6 | 17.3 | 5.1 | 31.9 | 40.3 | 1.3 | 11.1 |
| 3/09E | 116,946 | 10,019 | 50.2 | 16.4 | 14.8 | 4.3 | 31.2 | 39.3 | 1.0 | 8.9 |

\& Hero Honda' s total volumes in 2QFY08 have increased marginally by $0.5 \%$ YoY (a decline $5.8 \%$ QoQ). Though volumes have been subdued, the company's motorcycle product mix has improved, with $>125 \mathrm{cc}$ bikes constituting $5.4 \%$ of its motorcycle sales during April-August 2007 ( $3.4 \%$ in FY07, 1.8\% during April-August 2006).
\& We expect net sales to increase $3.6 \%$ YoY to Rs 23.1 b , while operating margins are likely to decline 160 bp YoY to $11.1 \%$, resulting in an EBITDA of Rs 2.6 b . We estimate PAT at Rs 2 b , a decline of $6.7 \%$ Yo Y. New launches resulting in higher advertising costs, aggressive promotional offers and discounts, and higher channel inventory would continue to squeeze margins.
2. Hero Honda has adopted an aggressive new model launch strategy; new launches in FY07 included CBZ X-treme, the new Karizma, a Glamour variant with alloy wheels, CD Delux and CD Dawn with new engines, Glamour FI, etc. Its venture into the scooters segment has scaled up rapidly - scooter sales constituted $3.1 \%$ of Hero Honda's two-wheeler sales during A pril-August 2007 (2.8\% in FY07).
\& The new 0.5 m -unit plant in Uttaranchal is likely to be completed by mid-FY08, but production is likely to commence only in FY09. This would help Hero Honda to avail tax benefits in FY09.
\& We expect volume growth of $1.3 \%$ in FY08 and $8.4 \%$ in FY09; volumes are likely to pick up in 2HFY08. The stock trades at 17.3x FY08E EPS of Rs 43.1 and 14.8x FY09E EPS of Rs 50.2 . We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3 Q | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Total Volumes (nos) | 832,692 | 751,967 | 896,113 | 855,984 | 802,853 | 756,066 | 915,000 | 904,572 | 3,336,756 | 3,378,491 |
| Net Sales | 23,644 | 22,300 | 26,661 | 26,396 | 24,480 | 23,094 | 27,631 | 28,880 | 99,000 | 104,085 |
| Change (\%) | 19.6 | 2.9 | 15.2 | 17.0 | 3.5 | 3.6 | 3.6 | 9.4 | 13.6 | 5.1 |
| Total Cost | 20,454 | 19,465 | 23,641 | 23,629 | 21,845 | 20,530 | 24,453 | 25,442 | 87,189 | 92,271 |
| EBITDA | 3,190 | 2,835 | 3,019 | 2,767 | 2,635 | 2,563 | 3,178 | 3,438 | 11,810 | 11,814 |
| As \% of Sales | 13.5 | 12.7 | 11.3 | 10.5 | 10.8 | 11.1 | 11.5 | 11.9 | 11.9 | 11.4 |
| Change (\%) | 9.1 | -15.0 | -20.1 | -23.3 | -17.4 | -9.6 | 5.2 | 24.3 | -13.4 | 0.0 |
| Other Income | 523 | 595 | 336 | 445 | 389 | 654 | 380 | 519 | 1,899 | 1,943 |
| Interest | -33 | -65 | -55 | -77 | -90 | -60 | -60 | -46 | -230 | -255 |
| Depreciation | 323 | 344 | 376 | 355 | 376 | 400 | 440 | 461 | 1,398 | 1,677 |
| Extraordinary Expense | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 0 | 80 | 0 |
| PBT | 3,423 | 3,151 | 3,034 | 2,854 | 2,737 | 2,878 | 3,178 | 3,542 | 12,461 | 12,334 |
| Tax | 1,045 | 991 | 943 | 904 | 839 | 863 | 953 | 1,069 | 3,882 | 3,725 |
| Effective Tax Rate (\%) | 30.5 | 31.5 | 31.1 | 31.7 | 30.6 | 30.0 | 30.0 | 30.2 | 31.2 | 30.2 |
| PAT | 2,377 | 2,160 | 2,092 | 1,950 | 1,898 | 2,014 | 2,224 | 2,472 | 8,579 | 8,609 |
| Adj. PAT | 2,377 | 2,160 | 2,092 | 2,030 | 1,898 | 2,014 | 2,224 | 2,472 | 8,659 | 8,609 |
| Change (\%) | 16.6 | -9.2 | -20.1 | -24.2 | -20.1 | -6.7 | 6.3 | 21.8 | -10.9 | -0.6 |

E: MOSt Estimates

Mahindra \& Mahindra

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | MM IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | MAHM.BO |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{gathered} \text { Buy } \\ \text { Rs } 752 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | EPS <br> (RS) | $\begin{gathered} \text { CON. } \\ \text { EPS (RS) } \end{gathered}$ | P/E (X) | $\begin{gathered} \text { CON. } \\ \text { P/E (X) } \end{gathered}$ | ROE <br> (\%) | ROCE <br> (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ | EV/ EBITDA |
| 3/07A | 99,874 | 9,198 | 35.9 | 55.1 | 20.9 | 13.7 | 25.9 | 22.3 | 1.6 | 13.3 |
| 3/08E | 112,230 | 9,536 | 37.3 | 64.3 | 20.2 | 11.7 | 22.6 | 20.7 | 1.3 | 11.5 |
| 3/09E | 124,299 | 10,085 | 39.4 | 75.2 | 19.1 | 10.0 | 20.8 | 20.4 | 1.2 | 10.0 |

\& $\mathrm{M} \& \mathrm{M}$ has reported overall volume growth of $8.3 \%$ YoY in 2QFY08 (excluding Logan), driven by strong growth in LCVs ( $+40.2 \%$ Yo Y) and UVs ( $+18.2 \%$ Yo Y). Three-wheeler volumes have grown merely $2.6 \%$ Yo Yon account of the high base of the previous year. Tractor volume growth, which was marginally negative in 1QFY08, has declined further to $5.7 \%$ YoY.

* Net sales should grow $11 \%$ YoY to Rs 27.2b. We expect margins to improve 110bp QoQ, but decline 170bp YoY to $11.7 \%$, resulting in a $3.3 \%$ decline in EBITDA to Rs 3.2 b , and an adjusted PAT of Rs 2.5 b - a growth of $0.8 \%$ Yo Y.
\& In FY08, we expect M\&M to deliver 12.4\% total income growth to Rs 112.2 b , with a corresponding net profit growth of $3.7 \%$ to Rs 9.5 b.
\& M\&M's JV with Renault to manufacture 0.5 m cars in India by 2012 will establish its presence in the fast-growing passenger car segment. The first offering of this JV - the sedan Logan has already been launched in April 2008.
\& $\mathrm{M} \& \mathrm{M}$ enjoys market leadership in both utility vehicles 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. $\mathrm{M} \& \mathrm{M}$ trades at a discount to most of its peers. The stock quotes at 11.7 x FY08E and 10 x FY09E consolidated earnings of Rs64.3 and Rs 75.2, respectively. We maintain Buy.
QUARTERLY PERFORMANCE

| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 2 Q | 3 Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Total Volumes (nos) | 62,417 | 66,649 | 73,971 | 77,729 | 70,915 | 72,203 | 81,400 | 85,738 | 280,766 | 310,256 |
| Total Income | 22,172 | 24,501 | 25,761 | 27,439 | 26,128 | 27,206 | 28,489 | 30,406 | 99,874 | 112,230 |
| Change (\%) | 22.4 | 28.0 | 17.8 | 23.2 | 17.8 | 11.0 | 10.6 | 10.8 | 22.7 | 12.4 |
| Total Cost | 19,660 | 21,209 | 22,664 | 24,340 | 23,357 | 24,023 | 25,071 | 26,825 | 87,874 | 99,276 |
| EBITDA | 2,512 | 3,292 | 3,096 | 3,099 | 2,771 | 3,183 | 3,419 | 3,581 | 12,000 | 12,954 |
| As \% of Sales | 11.3 | 13.4 | 12.0 | 11.3 | 10.6 | 11.7 | 12.0 | 11.8 | 12.0 | 11.5 |
| Change (\%) | 30.2 | 50.9 | 17.5 | 46.3 | 10.3 | -3.3 | 10.4 | 15.6 | 35.4 | 8.0 |
| Non-Operating Income | 454 | 478 | 412 | 354 | 316 | 490 | 423 | 356 | 1,698 | 1,584 |
| Extraordinary Income | 190 | 1,393 | 0 | 116 | 0 | 0 | 0 | 0 | 1,699 | 0 |
| Extraordinary Expense | 15 | 0 | 6 | 192 | 16 | 0 | 0 | 0 | 213 | 16 |
| Interest | -147 | -155 | -168 | -205 | -51 | -65 | -59 | -61 | -675 | -236 |
| Gross Profit | 3,288 | 5,318 | 3,670 | 3,582 | 3,122 | 3,738 | 3,900 | 3,998 | 15,859 | 14,758 |
| Less: Depreciation | 463 | 501 | 522 | 609 | 571 | 585 | 610 | 618 | 2,096 | 2,384 |
| PBT | 2,825 | 4,817 | 3,148 | 2,973 | 2,551 | 3,153 | 3,290 | 3,380 | 13,763 | 12,375 |
| Tax | 784 | 952 | 731 | 613 | 640 | 662 | 757 | 791 | 3,079 | 2,850 |
| Effective Tax Rate (\%) | 27.7 | 19.8 | 23.2 | 20.6 | 25.1 | 21.0 | 23.0 | 23.4 | 22.4 | 23.0 |
| PAT | 2,042 | 3,865 | 2,417 | 2,360 | 1,912 | 2,491 | 2,534 | 2,588 | 10,684 | 9,525 |
| Change (\%) | 40.6 | 145.9 | 3.5 | -26.5 | -6.4 | -35.5 | 4.8 | 9.7 | 24.7 | -10.8 |
| Adj PAT | 1,867 | 2,472 | 2,423 | 2,436 | 1,923 | 2,491 | 2,534 | 2,588 | 9,198 | 9,536 |
| Change (\%) | 27.2 | 55.8 | 35.3 | 49.0 | 3.0 | 0.8 | 4.6 | 6.3 | 42.0 | 3.7 |

## E: MOSt Estimates

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| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 17,291 | MSIL IN |
| REUTERS CODE |  |
| S\&P CNX: 5,021 MRTI.BO |  |
| Equity Shares (m) | 289.0 |
| 52-Week Range | $1,027 / 713$ |
| 1,6/12 Rel. Perf. (\%) | $4 /-9 /-34$ |
| M.Cap. (Rs b) | 288.9 |
| M.Cap. (US\$ b) | 7.3 |


| 28 September 2007 Buy |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  | Rs 1,000 |  |
| 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 | 149,663 | 15,574 | 53.9 | 28.5 | 18.5 | 4.2 | 22.8 | 30.2 | 1.7 | 10.8 |
| 3/08E | 183,774 | 19,564 | 67.7 | 25.6 | 14.8 | 3.3 | 22.6 | 30.6 | 1.3 | 8.1 |
| 3/09E | 218,430 | 22,892 | 79.2 | 17.0 | 12.6 | 2.7 | 21.2 | 29.1 | 1.1 | 6.7 |

* Maruti's volumes have grown 21.3\% YoY in 2QFY08, with good performance in the A2 segment, and the launch of the SX4 boosting A3 segment sales as well. Sales should grow $27.4 \%$ YoY to Rs 43.6 b. We expect a $40 b$ p YoY improvement in EBITDA marg in to $16 \%$, driven by greater operational efficiencies, strengthening of rupee vis-à-vis yen, and the new plant operating at full production levels.
\& Though rising input/power costs, consolidation of the Manesar assembly plant and higher royalty payments due to new model launches are challenges to the margins, Maruti would be able to enhance its profitability due to successful cost reduction, productivity improvement and increased localization, leading to higher internal efficiencies. We expect an EBITDA of Rs 7.1b ( $+30.6 \% \mathrm{YoY}$ ) and PAT of Rs 4.6 b ( $+24.1 \% \mathrm{YoY}$ ).
\& Maruti's debut in the diesel car segment, the launch of the Zen Estilo and the SX4, and impending launches like the Swift sedan and the Splash would help the company to increase market share. We expect volumes to grow by $16.9 \%$ in FY08 and $16 \%$ in FY09.
\& We remain positive on Maruti' s growth prospects. We estimate EPS at Rs 67.7 for FY08 and Rs 79.2 for FY09. The stock trades at 14.8x FY08E and 12.6x FY09E earnings. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4Q | $1 Q$ | 2QE | 3QE | 4QE |  |  |
| Total Volumes (nos) | 144,948 | 157,683 | 172,181 | 200,112 | 169,669 | 191,325 | 207,000 | 220,881 | 674,924 | 788,875 |
| Net Sales | 31,255 | 34,192 | 36,795 | 44,298 | 39,308 | 43,561 | 46,005 | 51,463 | 146,539 | 180,337 |
| Change (\%) | 19.0 | 12.5 | 18.2 | 34.0 | 25.8 | 27.4 | 25.0 | 16.2 | 21.2 | 23.1 |
| Other Operating Income | 602 | 612 | 783 | 1,127 | 833 | 735 | 862 | 1,008 | 3,125 | 3,437 |
| Total Cost | 26,689 | 29,376 | 31,723 | 38,931 | 33,560 | 37,208 | 39,509 | 44,256 | 126,718 | 154,533 |
| EBITDA | 5,168 | 5,428 | 5,855 | 6,494 | 6,580 | 7,087 | 7,358 | 8,215 | 22,945 | 29,241 |
| As \% of Sales | 16.2 | 15.6 | 15.6 | 14.3 | 16.4 | 16.0 | 15.7 | 15.7 | 15.3 | 15.9 |
| Change (\%) | 42.0 | 37.5 | 15.1 | 18.0 | 27.3 | 30.6 | 25.7 | 26.5 | 26.2 | 27.4 |
| Non-Operating Income | 831 | 605 | 372 | 1,065 | 1,400 | 696 | 427 | 653 | 2,873 | 3,176 |
| Extraordinary Income | 0 | 0 | 129 | 0 | 0 | 0 | 0 | 0 | 129 | 0 |
| Extraordinary Expense | 0 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 0 |
| Interest | 33 | 31 | 157 | 156 | 151 | 155 | 150 | 156 | 376 | 612 |
| Gross Profit | 5,967 | 5,942 | 6,199 | 7,404 | 7,829 | 7,628 | 7,635 | 8,712 | 25,511 | 31,805 |
| Less: Depreciation | 641 | 596 | 759 | 718 | 822 | 850 | 875 | 904 | 2,714 | 3,451 |
| PBT | 5,326 | 5,346 | 5,440 | 6,686 | 7,007 | 6,778 | 6,760 | 7,808 | 22,797 | 28,354 |
| Tax | 1,630 | 1,672 | 1,676 | 2,201 | 2,011 | 2,169 | 2,163 | 2,446 | 7,178 | 8,790 |
| Effective Tax Rate (\%) | 30.6 | 31.3 | 30.8 | 32.9 | 28.7 | 32.0 | 32.0 | 31.3 | 31.5 | 31.0 |
| PAT | 3,696 | 3,674 | 3,764 | 4,485 | 4,996 | 4,609 | 4,597 | 5,362 | 15,619 | 19,564 |
| Adjusted PAT | 3,696 | 3,713 | 3,680 | 4,485 | 4,996 | 4,609 | 4,597 | 5,362 | 15,574 | 19,564 |
| Change (\%) | 63.2 | 49.7 | 8.6 | 12.6 | 35.2 | 24.1 | 24.9 | 19.6 | 31.4 | 25.6 |

## E: MOSt Estimates

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# Swaraj Mazda 

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> SM IN <br> REUTERS CODE |  |
| :--- | ---: | :---: |
|  | R\&P CNX: 5,021 <br> SW RJ.BO |  |
| Equity Shares (m) | 10.5 |  |
| 52-Week Range | $385 / 214$ |  |
| 1,6,12 Rel. Perf. (\%) | $-22 /-46 /-6$ |  |
| M.Cap. (Rs m) | $3,186.5$ |  |
| M.Cap. (US\$ m) | 80.1 |  |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 304 |
| year | net sales | PAT | EPS | EPS | P/E | P/BV | Roe | Roce | Ev/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES |  |
| 3/07A | 6,034 | 161 | 15.3 | -3.5 | 19.8 | 4.2 | 21.2 | 17.2 | 0.7 | 11.2 |
| 3/08E | 6,940 | 255 | 24.3 | 58.5 | 12.5 | 3.4 | 27.1 | 24.0 | 0.6 | 7.6 |
| 3/09E | 7,645 | 295 | 28.1 | 15.7 | 10.8 | 2.8 | 25.6 | 24.3 | 0.5 | 6.7 |

* We expect Swaraj Mazda to report volume growth of $2 \%$ YoY for 2QFY08, as volumes have been negatively impacted by the slowdown in CV sales. As a result, we expect net sales to increase $4 \%$ YoY to Rs 1.8 b.
* While EBITDA margins were under pressure in FY07 due to poor operating performance, we expect a 180bp improvement in FY08 to $7.5 \%$. We estimate PAT at Rs 62 m for 2 QFY 08 and Rs 255 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.

2. We estimate EPS at Rs 24.3 for FY08 and at Rs 28.1 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 |
|  | 1 Q | 2 Q | 3 Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 1,181 | 1,710 | 1,492 | 1,651 | 1,530 | 1,779 | 1,750 | 1,881 | 6,034 | 6,940 |
| Change (\%) | -20.0 | 15.2 | -6.2 | 5.0 | 29.6 | 4.0 | 17.3 | 13.9 | -1.4 | 15.0 |
| Total Cost | 1,150 | 1,612 | 1,385 | 1,533 | 1,404 | 1,647 | 1,622 | 1,733 | 5,680 | 6,406 |
| EBITDA | 31 | 98 | 107 | 119 | 126 | 133 | 128 | 148 | 355 | 534 |
| As \% of Sales | 2.6 | 5.7 | 7.2 | 7.2 | 8.2 | 7.5 | 7.3 | 7.9 | 5.9 | 7.7 |
| Change (\%) | -74.4 | -6.7 | 37.2 | 142.3 | 306.5 | 35.2 | 19.6 | 24.4 | 2.7 | 50.6 |
| Interest | 19 | 24 | 25 | 25 | 30 | 32 | 34 | 35 | 93 | 131 |
| Gross Profit | 12 | 74 | 82 | 93 | 96 | 101 | 94 | 113 | 261 | 403 |
| Depreciation | 6 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 29 | 35 |
| PBT | 6 | 67 | 74 | 85 | 88 | 92 | 85 | 104 | 232 | 368 |
| Tax | 4 | 18 | 24 | 25 | 28 | 29 | 25 | 31 | 71 | 113 |
| Tax Rate (\%) | 70.0 | 26.6 | 32.4 | 29.7 | 31.8 | 32.0 | 29.0 | 30.0 | 30.7 | 30.7 |
| PAT | 2 | 49 | 50 | 60 | 60 | 62 | 60 | 73 | 161 | 255 |
| Adj. PAT | 2 | 49 | 50 | 60 | 60 | 62 | 60 | 73 | 161 | 255 |
| Change (\%) | -97.3 | -10.5 | 47.1 | 407.6 | 3,233.3 | 26.5 | 20.4 | 21.5 | -3.5 | 58.5 |

[^3]| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | TTMT IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | TAMO.BO |


| Dil. Equity Shares (m) | 407.2 |
| :--- | ---: |
| 52-Week Range | $975 / 616$ |
| 1,6,12 Rel. Perf. (\%) | $1 /-26 /-47$ |
| M.Cap. (Rs b) | 316.8 |
| M.Cap. (US\$ b) | 8.0 |

28 September 2007 Buy

| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | $\frac{\text { Rs } 778}{\substack{\text { EV/ } \\ \text { EBITDA }}}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{aligned} & \text { PAT } \\ & (\text { RS M) } \end{aligned}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | $\begin{gathered} \text { CON. } \\ \text { EPS (RS) } \end{gathered}$ | $\begin{aligned} & \mathrm{P} / \mathrm{E} \\ & (\mathrm{X}) \end{aligned}$ | $\begin{aligned} & \text { CON. } \\ & \text { P/E (X) } \end{aligned}$ | Roe <br> (\%) | ROCE <br> (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ |  |
| 3/07A | 274,048 | 18,963 | 46.6 | 52.9 | 16.7 | 14.7 | 27.6 | 27.1 | 1.1 | 9.3 |
| 3/08E | 300,576 | 16,823 | 41.3 | 51.9 | 18.8 | 15.0 | 21.4 | 22.5 | 1.0 | 10.0 |
| 3/09E | 336,485 | 18,803 | 46.2 | 59.0 | 16.8 | 13.2 | 21.0 | 22.9 | 0.9 | 9.0 |

\& Tata Motors has posted a $2.8 \%$ volume decline in 2QFY08. While M\&HCV volumes have declined $8.6 \%$ YoY, UV volumes have fallen $8.8 \%$ YoY, and car volumes have fallen $6.4 \%$ Yo Y, LCV volumes have increased $10.9 \%$ Yo Y.
\& Volumes have been negatively impacted by higher interest rates, and the higher base of the previous year particularly in M\&HCVs.
\& We estimate 2QFY08 sales at Rs 65.2 b (lower by $0.8 \%$ YoY) and EBITDA at Rs 6.5 b (decline of $16.2 \%$ Yo Y ), with EBITDA margin decline of 180 bp YoY to $10 \%$. This would result in adjusted PAT declining $20.8 \%$ YoY to Rs 3.5 b .
\& The company plans capex of Rs 120 b over the next four years, for which it has announced its intention to raise US $\$ 450 \mathrm{~m}$, which would result in further equity dilution of $4.4 \%$. Of the balance capex, around Rs 75 b would be from internal accruals and the rest would be raised in international/domestic markets.
\& We estimate consolidated EPS at Rs 51.9 for FY08 and Rs 59 for FY09. The stock trades at 15x FY08E and 13.2x FY09E consolidated earnings. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Total Volumes (nos) | 126,031 | 139,319 | 141,393 | 172,635 | 127,487 | 135,463 | 160,000 | 199,128 | 579,378 | 622,078 |
| Total Income | 57,835 | 65,718 | 68,252 | 82,242 | 60,568 | 65,177 | 78,006 | 96,824 | 274,048 | 300,576 |
| Change (\%) | 49.1 | 37.4 | 34.5 | 19.7 | 4.7 | -0.8 | 14.3 | 17.7 | 33.0 | 9.7 |
| Total Cost | 50,329 | 57,939 | 59,816 | 73,096 | 55,105 | 58,659 | 69,816 | 86,277 | 241,180 | 269,857 |
| EBITDA | 7,506 | 7,779 | 8,436 | 9,147 | 5,463 | 6,518 | 8,191 | 10,547 | 32,868 | 30,718 |
| As \% of Sales | 13.0 | 11.8 | 12.4 | 11.1 | 9.0 | 10.0 | 10.5 | 10.9 | 12.0 | 10.2 |
| Change (\%) | 58.6 | 30.6 | 27.7 | 4.9 | -27.2 | -16.2 | -2.9 | 15.3 | 26.4 | -6.5 |
| Non-Operating Income | 859 | 848 | 143 | 601 | 863 | 875 | 210 | 518 | 2,452 | 2,466 |
| Forex Gain / (Loss) | -783 | 254 | 1,316 | 518 | 2,059 | 0 | 0 | 0 | 1,305 | 2,059 |
| Extraordinary Income | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 20 |
| Extraordinary Expense | 242 | 316 | 235 | 257 | 0 | 0 | 0 | 0 | 1,049 | 0 |
| Interest | 726 | 956 | 852 | 597 | 816 | 875 | 925 | 998 | 3,131 | 3,614 |
| Gross Profit | 6,614 | 7,610 | 8,809 | 9,412 | 7,589 | 6,518 | 7,476 | 10,066 | 32,445 | 31,649 |
| Depreciation \& Amort. | 1,411 | 1,435 | 1,435 | 1,582 | 1,475 | 1,600 | 1,675 | 1,720 | 5,863 | 6,469 |
| Product Dev. Expenses | 103 | 175 | 287 | 285 | 193 | 210 | 230 | 259 | 850 | 893 |
| PBT | 5,100 | 5,999 | 7,087 | 7,545 | 5,921 | 4,708 | 5,571 | 8,087 | 25,732 | 24,287 |
| Tax | 1,282 | 1,582 | 1,956 | 1,778 | 1,254 | 1,177 | 1,448 | 2,193 | 6,597 | 6,072 |
| Effective Tax Rate (\%) | 25.1 | 26.4 | 27.6 | 23.6 | 21.2 | 25.0 | 26.0 | 27.1 | 25.6 | 25.0 |
| PAT | 3,819 | 4,417 | 5,132 | 5,767 | 4,668 | 3,531 | 4,122 | 5,895 | 19,135 | 18,215 |
| Change (\%) | 40.0 | 30.7 | 11.7 | 25.6 | 22.2 | -20.1 | -19.7 | 2.2 | 25.2 | -4.8 |
| Adj PAT | 4,505 | 4,459 | 4,407 | 5,592 | 3,275 | 3,531 | 4,122 | 5,895 | 18,963 | 16,823 |
| Change (\%) | 70.9 | 26.8 | 17.3 | 27.5 | -27.3 | -20.8 | -6.5 | 5.4 | 39.7 | -11.3 |

E: MOSt Estimates
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# TVS Motor 

| Stock info. B | bloomberg |
| :---: | :---: |
| BSE Sensex: 17,291 | TVSS IN |
|  | reuters code |
| S\&P CNX: 5,021 T | TVSS.BO |
| Equity Shares (m) | 237.5 |
| 52-Week Range | 130/53 |
| 1,6,12 Rel. Perf. (\%) | \%) 1/-21/-83 |
| M.Cap. (Rs b) | 16.6 |
| M.Cap. (US\$ b) | 0.4 |

28 September 2007
Neutral

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 70 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 25.0 | 2.1 | 8.2 | 7.7 | 0.5 | 13.6 |
| 3/08E | 37,456 | 513 | 2.2 | -22.9 | 32.4 | 2.0 | 6.1 | 6.7 | 0.5 | 14.2 |
| 3/09E | 40,542 | 645 | 2.7 | 25.6 | 25.8 | 1.9 | 7.3 | 7.5 | 0.5 | 11.7 |

\& TVS Motors has registered overall volume decline of $22.9 \%$ YoY in 2QFY08, with motorcycle volumes declining $44.1 \%$ YoY. While scooter volumes have increased by $2.4 \%$ the quarter, mopeds have registered robust performance, increasing $18.1 \%$ YoY. These segments have maintained robust growth rates as they are not as dependent as motorcycles upon financing.

* We expect 2QFY08 sales to decline $22.6 \%$ YoY to Rs 8.3 b and estimate EBITDA margin at $3.2 \%$, resulting in an EBITDA of Rs 267 m . Net profit would decline $71.9 \%$ YoY to Rs 70 m . The management has guided that margins would remain under pressure in 1 HFY 08 , due to high cost of raw-materials and intense competitive activity.
* It has launched the 110cc Star City and has announced several new product launches in the coming months, which include the 125 cc bike Flame, the Apache EFI, and its first two-stroke three-wheeler offerings, which would be offered in petrol, CNG and LPG variants. Subsequently, the company also plans to launch four-stroke three-wheelers.
\& TVS Motor's volumes have been negatively impacted by the aggressive strategies adopted by Hero Honda and Bajaj Auto. Entry in the three-wheeler segment would help diversify revenues over a period of time. However, we believe operating performance remains an area of concern.
* We expect TVS Motor to report an EPS of Rs 2.2 in FY08 and Rs 2.7 in FY09. The stock trades at $32.4 x$ FY08E EPS and $25.8 x$ FY09E EPS. We maintain Neutral.

| quarterly performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 O | 3 Q | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Total Volumes (nos) | 375,496 | 419,195 | 363,670 | 369,853 | 320,161 | 322,996 | 390,000 | 430,340 | 1,528,214 | 1,463,497 |
| Net Sales | 9,218 | 10,779 | 9,354 | 9,199 | 7,833 | 8,347 | 10,282 | 10,994 | 38,550 | 37,456 |
| Change (\%) | 25.4 | 36.6 | 7.3 | 9.6 | -15.0 | -22.6 | 9.9 | 19.5 | 19.2 | -2.8 |
| Total Cost | 8,802 | 10,219 | 9,058 | 9,098 | 7,642 | 8,080 | 9,881 | 10,542 | 37,177 | 36,145 |
| EBITDA | 416 | 560 | 296 | 101 | 191 | 267 | 401 | 452 | 1,373 | 1,311 |
| As \% of Sales | 4.5 | 5.2 | 3.2 | 1.1 | 2.4 | 3.2 | 3.9 | 4.1 | 3.6 | 3.5 |
| Change (\%) | -16.3 | 21.9 | -51.2 | -79.1 | -54.0 | -52.3 | 35.3 | 348.0 | -32.9 | -4.5 |
| Other Income | 178 | 109 | 176 | 270 | 182 | 150 | 200 | 238 | 732 | 770 |
| Interest | 60 | 62 | 86 | 113 | 98 | 90 | 100 | 111 | 321 | 399 |
| Depreciation | 233 | 244 | 245 | 154 | 239 | 240 | 247 | 263 | 876 | 989 |
| Extraordinary Gain / (Expense) | 0 | 0 | 0 | 0 | 72 | 0 | 0 | 0 | 0 | 72 |
| PBT | 301 | 363 | 141 | 103 | 109 | 87 | 254 | 315 | 909 | 765 |
| Tax | 89 | 114 | 27 | 13 | 34 | 17 | 60 | 77 | 243 | 187 |
| Effective Tax Rate (\%) | 29.5 | 31.5 | 18.8 | 12.6 | 30.8 | 20.0 | 23.5 | 24.3 | 26.7 | 24.5 |
| PAT | 213 | 248 | 115 | 90 | 75 | 70 | 194 | 239 | 666 | 578 |
| Change (\%) | -14.6 | -22.3 | -63.1 | -68.9 | -64.5 | -71.9 | 69.6 | 164.0 | -43.1 | -13.2 |
| Adj.PAT | 213 | 248 | 115 | 90 | 10 | 70 | 194 | 239 | 666 | 513 |
| Change (\%) | -14.6 | 11.6 | -63.1 | -68.9 | -95.1 | -71.9 | 69.6 | 164.0 | -37.9 | -22.9 |

## E: MOSt Estimates

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# Banking 

| COMPANY NAME | PG. |
| :--- | :---: |
| Andhra Bank | 68 |
| Axis Bank | 69 |
| Bank of Baroda | 70 |
| Bank of India | 71 |
| Canara Bank | 72 |
| Corporation Bank | 73 |
| HDFC | 74 |
| HDFC Bank | 75 |
| Federal Bank | 76 |
| ICICI Bank | 77 |
| Indian Bank | 78 |
| Indian Overseas Bank | 79 |
| J\&K Bank | 80 |
| Karnataka Bank | 81 |
| Oriental Bank | 82 |
| Punjab National Bank | 83 |
| State Bank | 84 |
| Syndicate Bank | 85 |
| Union Bank | 86 |
| Vijaya Bank | 87 |

Credit growth has come down from a CA GR of $29 \%$ in FY04-07 and 26\% in June 2007 to $23.4 \%$ till 14 September 2007. In September 2007, non-food credit has increased by $3.7 \%$ from March 2007 levels and $4 \%$ from June 2007 levels. This indicates some pick up in credit offtake during 2QFY08 as against a no-growth situation observed during 1QFY08. Interest rates (on both deposits and advances) have moderated (by 25-50bp) from their peaks reached in March/April 2007. Our interactions with bankers suggest that interest rates may further moderate in 3 QFY08 especially with onset of festival season. With the macro Indian growth story continuing to be robust and the drivers of credit growth intact (interest rates expected to moderate further), we expect credit growth to increase to $25 \%$ level from 3 QFY 08 .

Increasing interest rates on deposits have played their role in improving mobilization for the banks. The deposit growth improved from $17 \%$ in FY05-06 to 22-23\% in FY07 and YTD FY08. Deposits have increased till 14 September 2007 by $7.1 \%$ from March 2007 and $2.8 \%$ from June 2007 levels. C/D ratio for the industry has come off from $\sim 74 \%$ in March 2007 to $71 \%$ in September 2007, as deposit growth has remained robust while credit growth has slowed down during 1HFY08.

While the higher costs of resources continue for the banking system, lending rates have peaked out. Additionally, incremental investments in SLR are margin dilutive for all the

| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | NET INTEREST INCOME |  | OPERATING PROFIT |  | NET PROFIT |  |
|  |  | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) |
| Banks |  |  |  |  |  |  |  |
| Andhra Bank | Buy | 3,673 | 11.0 | 2,329 | 4.4 | 1,482 | 1.2 |
| Axis Bank | Buy | 5,258 | 44.0 | 4,044 | 47.3 | 2,009 | 41.5 |
| Bank of Baroda | Buy | 10,147 | 13.9 | 6,184 | 0.4 | 3,117 | 8.1 |
| Bank of India | Buy | 9,858 | 16.1 | 6,187 | 29.2 | 3,015 | 42.1 |
| Canara Bank | Buy | 9,697 | -1.2 | 6,011 | -2.3 | 3,448 | -4.7 |
| Corporation Bank | Sell | 3,739 | 18.1 | 3,078 | 39.4 | 1,636 | 28.8 |
| Federal Bank | Buy | 2,017 | 20.5 | 1,647 | 18.4 | 817 | 17.7 |
| HDFC | Buy | 6,809 | 27.7 | 6,061 | 27.9 | 4,631 | 25.8 |
| HDFC Bank | Buy | 11,686 | 38.2 | 7,753 | 27.8 | 3,470 | 32.0 |
| ICICI Bank | Neutral | 20,991 | 33.1 | 18,891 | 17.2 | 9,631 | 27.6 |
| Indian Bank | Buy | 5,317 | 17.2 | 3,766 | 26.7 | 2,166 | 28.0 |
| Indian Overseas Bank | Buy | 7,178 | 17.3 | 4,823 | 16.3 | 2,973 | 19.0 |
| J\&K Bank | Buy | 2,094 | 8.3 | 1,490 | 8.1 | 940 | 11.2 |
| Karnataka Bank | Buy | 1,203 | 32.8 | 1,033 | 39.5 | 567 | -4.9 |
| Oriental Bank | Neutral | 4,588 | 11.1 | 3,517 | 12.0 | 2,339 | -24.7 |
| Punjab National Bank | Buy | 14,589 | 7.1 | 8,956 | 0.8 | 4,648 | -8.0 |
| State Bank | Buy | 45,184 | 15.9 | 29,656 | 19.9 | 14,076 | 18.8 |
| Syndicate Bank | Buy | 5,684 | 17.3 | 3,466 | 14.4 | 2,158 | 5.2 |
| Union Bank | Buy | 7,812 | 24.5 | 5,389 | 25.8 | 2,414 | 24.3 |
| Vijaya Bank | Neutral | 2,761 | 6.3 | 1,706 | -3.4 | 1,056 | 3.2 |
| Sector Aggregate |  | 180,286 | 18.2 | 125,988 | 17.0 | 66,593 | 14.9 |

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banks. Thus, we expect margins to moderate for most of the small and mid sized players in the industry. We expect SBI, Union Bank and Indian Bank from the state-owned banks (SOB) to sustain their margins at FY07 levels while we expect Axis Bank, HDFC Bank and ICICI Bank from private sector banks to improve margins during FY08 mainly on account of their significant capital raising during 1HFY08.

The Bankex is up by $45 \%$ since March 2007. The valuations for SOBs at 1-2x FY09E BV, with RoEs in the range of $15-25 \%$, appear reasonable. We prefer selective buying with a preference for banks with a high earnings visibility. We like SBI and BoI among large cap banks while we like Union Bank and IOB among mid-cap banks. Among private players, we like HDFC Bank, HDFC and Axis Bank - given their strong earnings growth prospects.

## Credit growth moderated further

Credit growth has come down from a CA GR of $29 \%$ in FY04-07 and $26 \%$ in June 2007 to 23.4\% till 14 September 2007. In September 2007, non-food credit has increased by 3.7\% from March 2007 levels and $4 \%$ from June 2007 levels. This indicates some pick up in credit offtake during 2QFY08 as against a no-growth situation observed during 1QFY08.


Source: Company/Motilal Oswal Securities

RBI's monetary tightening through successive CRR hikes during FY07 (100bp) and FY08 (100bp) have played their role in moderating credit growth. A distinct slowdown in retail loans growth - led by housing finance - has been a key reason for moderation in the credit growth. The increased interest rates along with higher property prices are making housing unaffordable and consumers are postponing their buying decisions. With the onset of festival season, stabilized realty prices, and some signs of softening of housing interest rates from few banks, the housing demand is expected to pick up from 3QFY08, but shall still lag the historic growth of $25-40 \%$.

## Moderating interest rates to boost credit demand

Interest rates (on both deposits and advances) have moderated (by 25-50bp) from their peaks reached in March/A pril 2007. While the fall in commercial vehicle finance rates has been as large as 200bp, housing loans rates are down by $25-50 \mathrm{bp}$. Our interactions with bankers suggest that interest rates would further moderate in 3QFY08, especially with the onset of festival season.

With the macro Indian growth story continuing to be robust and the drivers of credit growth intact (interest rates expected to moderate further), we expect credit growth to increase to $25 \%$ level from 3QFY08. All bankers indicate that the slowdown in credit growth during the first five months of FY08 is a temporary phenomenon and also a higher base effect of FY07. They expect credit offtake to be strong from 3 QFY08 and are optimistic of achieving credit growth of $\sim 25 \%$ during FY08.

## Deposits growth remains strong

Increasing interest rates on deposits have played their role in improving mobilization for the banks. The deposit growth improved from 17\% in FY05-06 to 22-23\% in FY07 and YTD FY08. Deposits have increased till 14 September 2007 by $7.1 \%$ from March 2007 and $2.8 \%$ from June 2007 levels. C-D ratio for the industry has come off from $\sim 74 \%$ in March 2007 to $71 \%$ in September 2007, as deposit growth has remained robust while credit growth has slowed down during 1 HFY 08 .


Source: Company/Motilal Oswal Securities

Most banks had launched limited period special deposits schemes offering interest rates of $9.5 \%$ + for retail term deposits during 4QFY07 to meet the liquidity crunch. The success of these schemes is vouched by the strong growth in deposits observed from 4QFY07. In line with expectations, almost all banks have withdrawn these special interest rates schemes during 2QFY08. However, still bank rates remain attractive ( $\sim 8.5-9 \%$ ) when compared to other small savings instruments which earn $\sim 8 \%$. There has been a marked shift of savings from other instruments like post offices, NSCs, PFs to banking deposits from FY07.

As the differential between savings interest rate (3.5\%) and term deposit rate has increased from $\sim 2 \%$ to $\sim 5 \%$ currently, there has been transfer of funds from savings to term deposits. Though growing current account and savings account (CASA) is a prime agenda for all the banks, the widening interest rate differential would act as a major challenge. Incremental CASA ratio has dropped to $30 \%$ in FY07 v/s $47 \%$ in FY08. The banks with a large branch network and an efficient and cutting edge technology would be better off in raising core deposits and thus containing increase in cost of deposits. Also, the banks with higher CASA ratio (like HDFC Bank, A xis Bank, SBI, PNB BoI, Union Bank) would be better placed to bear the increasing cost of deposits.

The SLR ratio reduced from 30\% a year ago to $29 \%$ in September 2007. As credit demand remained sluggish in 1HFY08 and deposits growth was strong, banks have invested the funds into SLR securities. SLR investments have increased by $14.6 \%$ from March 2007 levels as against credit growth of $2.8 \%$ and deposits growth of $7.1 \%$ during the same period. On a QoQ basis, SLR ratio has increased by $\sim 100$ bp for the system.

## Margins likely to moderate

All banks increased their PLR by 125-200bp during January-A pril 2007. While loan yields showed significant improvement ( $120-150 \mathrm{bp}$ ) for all the banks in 1QFY08, the sluggishness in credit growth and faster deposits growth with higher interest costs offset the improvement in yields. While the higher costs of resources continue for the banking system, lending rates have peaked out. Additionally, incremental investments in SLR are margin dilutive for all the banks. Thus, we expect margins to come under pressure for most of the small and mid sized players in the industry.

We expect banks with higher CASA and retail deposits base to sustain margins during FY08, while banks with high reliance on bulk deposits would see margins under pressure. We expect SBI, Union Bank and Indian Bank from the state-owned banks to sustain their margins at FY07 levels while we expect A xis Bank, HDFC Bank and ICICI Bank from private sector banks to improve margins during FY08, mainly on account of their significant capital raising during 1 HFY 08 . We expect all other banks to report a decline in margins for FY08 ranging from 10bp to 40bp according to their asset liability profile.

## 2QFY08 - the period of capital raising

HDFC Bank and Axis Bank raised US\$1b each during 2QFY08. ICICI Bank, which completed its US\$5b capital raising in 1 QFY08 itself, enjoyed a full quarter of the money raised. We believe these banks would repay high cost deposits with this equity money during 2QFY08. This would enable them to improve their NIMs during the quarter. We expect NIM improvement of 20-30bp for these banks on account of the capital raising. The capital raising would also enable these banks to sustain or even improve their margins during FY08.

Amongst state-owned banks, we expect State Bank of India and Syndicate Bank to raise capital during FY08. We are positive on banks that can raise capital at higher premium, where RoEs would bounce back in a couple of years as they leverage the new capital. We prefer A xis Bank, HDFC Bank and State Bank of India for the same reason.

## Inflation benign; G-Sec yields coming down

Inflation dropped from its highs of $6.5 \%+$ in March and April 2007 and <4.5\% in June 2007 to below $3.5 \%$ in September 2007. This fall is in line with our expectations and is on account of higher base effect of inflation index in 1HFY07 and tougher monetary measures adopted by the RBI during FY07. The RBI has kept a target to keep inflation rate close to 5\% during FY08.

As inflation has come off from its highs and banks have increased their investments in GSecs, yields have come down across maturities. While 10 -year G-Sec yield has come down by 23 bp since June 2007, 1-year yield is down by 25 bp .


Source: Company/Motilal Oswal Securities
The decrease in yields in shorter end securities would mean some release of MTM provisions made by the banks during 4QFY07. We also expect treasury profits to remain high for most of the banks during 2QFY08 on account of this moderation of yields. We expect OBC, Canara Bank to reverse some of the provision for depreciation on their AFS investment book during 2QFY08.

## We prefer selective buying

The Bankex is up by $45 \%$ since March 2007. The valuations for PSU banks at 1-2x FY09E BV, with RoEs in the range of $15-25 \%$, appear reasonable. We prefer selective buying with a preference for banks with a high earnings visibility.

The recent CRR hike of $0.5 \%$ to $7 \%$ and increased cost of deposits are bound to put pressure on NIMs of banks, especially the low CASA banks and those which have been involved in aggressive bulk deposits in 4QFY07. A mong state-owned banks, we like banks that are strong on the liability franchise and are growing at a steady pace. We like SBI and BOI among large cap banks while we like Union Bank and IOB among mid-cap banks. Among private players, we like HDFC Bank, HDFC and A xis Bank - given their strong earnings growth prospects.

## 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 | 10 | 8 | -30 | -7 | -58 |
| Axis Bank | 32 | 94 | 13 | 54 | -3 | 26 |
| Bank of Baroda | 26 | 14 | 7 | -26 | -8 | -54 |
| Bank of India | 23 | 69 | 4 | 29 | -11 | 1 |
| Canara Bank | 7 | -6 | -12 | -45 | -27 | -73 |
| Corporation Bank | 25 | -10 | 5 | -49 | -10 | -78 |
| Federal Bank | 27 | 76 | 7 | 37 | -8 | 9 |
| HDFC | 29 | 68 | 10 | 29 | -5 | 1 |
| HDFC Bank | 32 | 55 | 13 | 15 | -2 | -13 |
| ICICI Bank | 13 | 50 | -6 | 10 | -21 | -18 |
| Indian Bank | 27 | - | 8 | - | -7 | - |
| Indian Overseas Bank | 25 | 30 | 6 | -10 | -9 | -38 |
| J\&K Bank | 18 | 83 | -2 | 43 | -17 | 15 |
| Karnataka Bank | 28 | 94 | 9 | 54 | -6 | 26 |
| Oriental Bank of Commerce | 13 | -13 | -7 | -52 | -22 | -80 |
| Punjab National Bank | 5 | 3 | -14 | -37 | -29 | -65 |
| State Bank | 33 | 90 | 13 | 50 | -2 | 22 |
| Syndicate Bank | 25 | 6 | 5 | -34 | -10 | -62 |
| Union Bank | 27 | 18 | 8 | -22 | -7 | -50 |
| Vijaya Bank | 45 | 22 | 26 | -18 | 11 | -46 |

RELATIVE PERFORMANCE - 3 MONTH (\%)
RELATIVE PERFORMANCE - 1 YEAR (\%)



| $\begin{array}{r} \hline \text { CMP (RS) } \\ 28.9 .07 \end{array}$ |  | RECO | EPS (RS) |  |  | P/E (X) |  |  | P/BV (X) |  |  | ROE (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | FY07 | FY08E | FY09E | FY07 | FY 08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E |
| Banks |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Andhra Bank | 105 |  | Buy | 11.1 | 12.5 | 14.4 | 9.4 | 8.4 | 7.3 | 1.6 | 1.4 | 1.3 | 17.8 | 18.1 | 18.7 |
| Axis Bank | 764 | Buy | 23.4 | 26.4 | 37.8 | 32.7 | 28.9 | 20.2 | 6.3 | 3.2 | 2.8 | 21.0 | 15.7 | 14.9 |
| Bank of Baroda | 327 | Buy | 28.1 | 33.9 | 40.8 | 11.6 | 9.6 | 8.0 | 1.4 | 1.3 | 1.1 | 12.4 | 13.6 | 14.7 |
| Bank of India | 277 | Buy | 23.0 | 28.7 | 34.2 | 12.0 | 9.6 | 8.1 | 2.4 | 2.0 | 1.6 | 21.3 | 22.2 | 22.1 |
| Canara Bank | 278 | Buy | 34.7 | 39.2 | 43.6 | 8.0 | 7.1 | 6.4 | 1.4 | 1.2 | 1.1 | 18.8 | 18.4 | 17.9 |
| Corporation Bank | 388 | Sell | 37.4 | 45.6 | 52.8 | 10.4 | 8.5 | 7.4 | 1.5 | 1.3 | 1.2 | 15.0 | 16.3 | 16.7 |
| Federal Bank | 372 | Buy | 34.2 | 43.1 | 54.0 | 10.9 | 8.6 | 6.9 | 2.1 | 1.8 | 1.4 | 21.3 | 22.2 | 22.9 |
| HDFC | 2,527 | Buy | 62.1 | 82.0 | 86.1 | 40.7 | 30.8 | 29.3 | 11.5 | 6.8 | 5.2 | 31.3 | 25.1 | 20.6 |
| HDFC Bank | 1,439 | Buy | 35.8 | 43.1 | 59.0 | 40.3 | 33.4 | 24.4 | 7.1 | 4.3 | 3.8 | 19.5 | 16.8 | 16.6 |
| ICICI Bank | 1,063 | Neutral | 34.6 | 36.8 | 48.0 | 30.7 | 28.9 | 22.1 | 3.9 | 2.5 | 2.3 | 13.4 | 11.4 | 10.8 |
| Indian Bank | 160 | Buy | 17.7 | 22.0 | 27.3 | 9.1 | 7.3 | 5.9 | 2.1 | 1.7 | 1.4 | 28.4 | 25.2 | 25.6 |
| Indian Overseas Bank | k 144 | Buy | 18.5 | 22.0 | 26.7 | 7.8 | 6.6 | 5.4 | 2.0 | 1.6 | 1.3 | 29.1 | 27.5 | 26.6 |
| J\&K Bank | 783 | Buy | 56.6 | 68.1 | 83.5 | 13.8 | 11.5 | 9.4 | 1.9 | 1.7 | 1.5 | 14.4 | 15.5 | 16.7 |
| Karnataka Bank | 224 | Buy | 14.6 | 19.2 | 22.3 | 15.3 | 11.7 | 10.0 | 2.2 | 1.9 | 1.7 | 15.1 | 17.5 | 17.7 |
| Oriental Bank | 242 | Neutral | 33.0 | 37.6 | 42.6 | 7.3 | 6.4 | 5.7 | 1.2 | 1.0 | 0.9 | 15.4 | 16.0 | 16.5 |
| Punjab National Bank | - 543 | Buy | 48.8 | 57.9 | 68.5 | 11.1 | 9.4 | 7.9 | 1.7 | 1.5 | 1.3 | 16.0 | 16.9 | 17.5 |
| State Bank | 1,951 | Buy | 86.3 | 99.0 | 117.0 | 22.6 | 19.7 | 16.7 | 3.3 | 2.9 | 2.5 | 15.4 | 15.6 | 16.2 |
| Syndicate Bank | 92 | Buy | 13.7 | 15.6 | 16.6 | 6.7 | 5.9 | 5.6 | 1.5 | 1.2 | 1.1 | 21.9 | 20.3 | 18.6 |
| Union Bank | 163 | Buy | 16.7 | 21.1 | 26.0 | 9.8 | 7.8 | 6.3 | 1.7 | 1.5 | 1.3 | 19.2 | 20.7 | 21.8 |
| Vijaya Bank | 70 | Neutral | 7.6 | 8.8 | 9.6 | 9.2 | 7.9 | 7.3 | 1.6 | 1.4 | 1.3 | 18.6 | 18.9 | 18.2 |
| Sector Aggregate |  |  |  |  |  | 21.1 | 17.3 | 14.2 | 3.7 | 2.9 | 2.3 | 17.4 | 16.6 | 16.3 |

# Andhra Bank 

| stock info. <br> BSE Sensex: 17,291 | bloomberg |
| :---: | :---: |
|  | ANDB IN |
|  | reuters code |
| S\&P CNX: 5,021 | ADBK.BO |
| Equity Shares (m) | 485.0 |
| 52-Week Range | 107/70 |
| 1,6,12 Rel. Perf. (\%) | \%) 12/1/-30 |
| M.Cap. (Rs b) | 50.7 |
| M.Cap. (US\$ b) | 1.3 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{gathered} \text { Buy } \\ \text { Rs } 105 \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net income | РAT | EPS | EPS | PIE | Pbiv | car | Roam | Roas | P/ABV |
| End | (RS M) | (RS M) | (RS) | Growth (\%) | (x) | ( X ) | (\%) | (\%) | (\%) | ratio |
| 3/07A | 18,644 | 5,379 | 11.1 | 10.6 | 9.4 | 1.6 | 11.3 | 17.8 | 1.2 | 1.6 |
| 3/08E | 20,738 | 6,055 | 12.5 | 12.6 | 8.4 | 1.4 | 10.8 | 18.1 | 1.2 | 1.5 |
| 3/09E | 23,592 | 6,970 | 14.4 | 15.1 | 7.3 | 1.3 | 11.0 | 18.7 | 1.2 | 1.3 |

\& We expect net interest income (NII) to grow $11 \%$ YoY to Rs 3.7 b . Margins would remain under pressure as bank had resorted to bulk deposits during 4 QFY 07 and the credit growth has been subdued during 1 HFY 08 .
\& While fee income growth remains dismal, higher recoveries from written off accounts and higher treasury profits may bring in positive surprises to the earnings growth.

2 With gross NPAs at just $1.5 \%$ and net NPAs at $0.2 \%$, incremental provisioning for NPAs would be low.

* The bank is a play on steady asset growth, clean books and reasonable RoE. The stock trades at $7.3 x$ FY09E EPS and $1.3 x$ FY09E BV. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY $08 *$ |  |  |  | FY07 | FY08E* |
|  | 1 Q | 2 Q | 30 | 4 Q | $1 Q$ | 2QE | 3QE | 4QE |  |  |
| Interest Income | 7,601 | 7,721 | 8,128 | 9,699 | 9,895 | 10,115 | 10,566 | 12,221 | 33,153 | 42,796 |
| Interest Expense | 4,249 | 4,412 | 4,493 | 5,820 | 6,273 | 6,442 | 6,604 | 7,498 | 18,978 | 26,817 |
| Net Interest Income | 3,352 | 3,309 | 3,635 | 3,879 | 3,621 | 3,673 | 3,962 | 4,723 | 14,175 | 15,979 |
| \% Change (Y-o-Y) | 22.2 | 14.7 | 22.8 | 25.1 | 8.0 | 11.0 | 9.0 | 21.8 | 21.2 | 12.7 |
| Other Income | 843 | 1,287 | 1,327 | 1,384 | 1,125 | 1,210 | 1,227 | 1,198 | 4,469 | 4,759 |
| Net Income | 4,195 | 4,596 | 4,962 | 5,263 | 4,746 | 4,882 | 5,188 | 5,921 | 18,644 | 20,738 |
| \% Change ( $Y$-o-Y) | 19.3 | 13.1 | 19.6 | 20.4 | 13.1 | 6.2 | 4.6 | 12.5 | 19.4 | 11.2 |
| Operating Expenses | 2,306 | 2,365 | 2,356 | 2,305 | 2,512 | 2,554 | 2,592 | 2,675 | 9,332 | 10,333 |
| Operating Profit | 1,890 | 2,231 | 2,606 | 2,958 | 2,234 | 2,329 | 2,596 | 3,246 | 9,312 | 10,405 |
| Other Provisions | 291 | 92 | 645 | 810 | 93 | 150 | 300 | 957 | 1,463 | 1,500 |
| Profit before Tax | 1,599 | 2,140 | 1,961 | 2,148 | 2,141 | 2,179 | 2,296 | 2,289 | 7,849 | 8,905 |
| Tax Provisions | 435 | 675 | 600 | 760 | 730 | 697 | 735 | 687 | 2,470 | 2,849 |
| Net Profit | 1,164 | 1,465 | 1,361 | 1,388 | 1,411 | 1,482 | 1,562 | 1,601 | 5,379 | 6,055 |
| \% Change ( $Y$-o-Y) | 36.7 | 10.2 | 5.6 | 0.1 | 21.2 | 1.2 | 14.7 | 15.4 | 10.6 | 12.6 |
| Cost to Income Ratio (\%) | 55.0 | 51.5 | 47.5 | 43.8 | 52.9 | 52.3 | 50.0 | 45.2 | 50.1 | 49.8 |
| Interest Exp./Interest Income (\%) | 55.9 | 57.1 | 55.3 | 60.0 | 63.4 | 63.7 | 62.5 | 61.4 | 57.2 | 62.7 |
| Other Income/Net Income (\%) | 20.1 | 28.0 | 26.7 | 26.3 | 23.7 | 24.8 | 23.6 | 20.2 | 24.0 | 22.9 |

$\overline{\text { E: MOSt Estimates; * HTM amortization is included in the provisions in FY07 while in FY08 it is included in other Income for quarterly results }}$

| stock info. BL | bloomberg |
| :---: | :---: |
| BSESensex: 17,291 A | A XSB IN |
| S\&P CNX. 5.021 | REUTERS CODE A XBK.BO |
| Equity Shares (m) | 349.6 |
| 52-Week Range | 775/373 |
| 1,6,12 Rel. Perf. (\%) | \%) 12/20/54 |
| M.Cap. (Rs b) | 267.3 |
| M.Cap. (US\$ b) | 6.7 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 605 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net income | E PAT | EPS | EPS | P/E | P/BV | CAR | Roam | Roas | P/ABV |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | (\%) | Ratio |
| 3/07A | 24,784 | 6,590 | 23.4 | 34.5 | 32.7 | 6.3 | 11.6 | 21.0 | 1.1 | 6.5 |
| 3/08E | 36,311 | 9,235 | 26.4 | 12.9 | 28.9 | 3.2 | 14.1 | 15.7 | 1.1 | 3.3 |
| 3/09E | 51,310 13, | 13,202 | 37.8 | 43.0 | 20.2 | 2.8 | 11.7 | 14.9 | 1.1 | 2.9 |

*. We expect strong NII growth of $44 \%$ in 2QFY07 on the back of $50 \%+$ loan growth, improved yield on advances, and strong growth in CASA.
\& We expect NIMs to increase to $3 \%+$ during 2QFY08 on account of the capital rising during the quarter. Cost of funds is likely to be largely contained as the bank repaid high cost deposits with the follow-on issue money.
\& The bank continues to be in a rapid branch expansion and manpower addition phase. Opex is likely to grow $\sim 45 \%$ YoY.
8. A nother key driver has been sustained growth in its fee-based income. We expect core fee income to grow $50 \%$ in 2QFY08.
2. Earnings are expected to increase $42 \%$ Yo Y to Rs 2 b in 2QFY08 supported by robust growth in NII and fee income.
\& The stock trades at 20.2x FY09E EPS and 2.8x FY08E BV. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY 08* |  |  |  | FY07 | FY08E |
|  | $1 Q$ | 2 Q | 3 Q | 4Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Interest Income | 9,539 | 10,501 | 11,896 | 13,668 | 15,370 | 16,696 | 18,082 | 19,663 | 45,604 | 69,812 |
| Interest Expense | 6,321 | 6,849 | 7,738 | 9,025 | 10,901 | 11,438 | 12,071 | 12,740 | 29,933 | 47,151 |
| Net Interest Income | 3,218 | 3,652 | 4,158 | 4,642 | 4,468 | 5,258 | 6,011 | 6,923 | 15,671 | 22,661 |
| $Y$-o-Y Growth (\%) | 44.7 | 43.0 | 44.7 | 48.4 | 38.8 | 44.0 | 44.6 | 49.1 | 45.3 | 44.6 |
| Other Income | 2,005 | 2,048 | 2,797 | 3,011 | 3,423 | 3,129 | 3,526 | 3,571 | 9,114 | 13,650 |
| Net Income | 5,223 | 5,699 | 6,956 | 7,653 | 7,892 | 8,387 | 9,538 | 10,495 | 24,784 | 36,311 |
| Operating Expenses | 2,392 | 2,955 | 3,370 | 3,430 | 4,212 | 4,343 | 4,717 | 5,046 | 12,146 | 18,319 |
| Operating Profit | 2,832 | 2,745 | 3,586 | 4,223 | 3,680 | 4,044 | 4,820 | 5,449 | 12,639 | 17,993 |
| Y-o-Y Growth (\%) | 39.2 | 16.3 | 40.0 | 100.6 | 29.9 | 47.3 | 34.4 | 29.0 | 39.5 | 42.4 |
| Provision \& Contingencies | 1,008 | 588 | 763 | 1,065 | 1,009 | 1,000 | 850 | 1,141 | 2,674 | 4,000 |
| Profit before Tax | 1,824 | 2,157 | 2,824 | 3,158 | 2,670 | 3,044 | 3,970 | 4,308 | 9,965 | 13,993 |
| Tax Provisions | 618 | 738 | 977 | 1,039 | 921 | 1,035 | 1,350 | 1,452 | 3,375 | 4,757 |
| Net Profit | 1,206 | 1,420 | 1,846 | 2,119 | 1,750 | 2,009 | 2,620 | 2,856 | 6,590 | 9,235 |
| Y-o-Y Growth (\%) | 30.1 | 30.2 | 40.2 | 39.8 | 45.2 | 41.5 | 41.9 | 34.8 | 35.9 | 40.1 |
| Int Exp/ Int Earned (\%) | 66.3 | 65.2 | 65.0 | 66.0 | 70.9 | 68.5 | 66.8 | 64.8 | 65.6 | 67.5 |
| Other Income / Net Income (\%) | 38.4 | 35.9 | 40.2 | 39.3 | 43.4 | 37.3 | 37.0 | 34.0 | 36.8 | 37.6 |
| Cost to Income Ratio (\%) | 45.8 | 51.8 | 48.4 | 44.8 | 53.4 | 51.8 | 49.5 | 48.1 | 49.0 | 50.4 |

E: MOSt Estimates; * Adjusted for reclassifcation of mortization on HTM investments as part of other income

## Bank of Baroda

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | BOB IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | BOB.BO |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Buy } \\ & \text { Rs } 327 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net income | E PAT | EPS | EPS | P/E | P/B | ca | roae | A | P/abv |
| end | (RS M) | (RS M) | (RS) | OWTH (\%) | (x) | (x) | (\%) | (\%) | (\%) | ratio |
| 3/07A | 49,593 | 10,265 | 28.1 | 24.1 | 11.6 | 1.4 | 11.8 | 12.4 | 0.8 | 1.5 |
| 3/08E | 55,540 | 12,395 | 33.9 | 20.8 | 9.6 | 1.3 | 11.0 | 13.6 | 0.8 | 1.4 |
| 3/09E | 63,280 | 14,915 | 40.8 | 20.3 | 8.0 | 1.1 | 11.0 | 14.7 | 0.8 | 1.2 |

* We expect business growth to remain subdued for the bank with $\sim 3 \% \mathrm{QoQ}$ increase in advances as well as deposits. We expect margins to be $3 \%+$.
* We expect fee income growth to remain strong and treasury profits to remain healthy during the quarter.
\& The bank is likely to provide for AS-15 compliance, which would impact profitability. We expect quarterly provision of $\sim$ Rs 550 m on this account.
\& BoB's asset quality has improved significantly over the last one year with coverage ratio at $77 \%$ and net NPAs at $0.67 \%$. Recoveries during the quarter are expected to be robust, which would further improve asset quality and require lower NPA provisioning.
\& PAT growth is likely to be modest at $8 \%$ YoY on account of higher base effect. However, higher than expected treasury profits and recoveries can bring in positive surprises to our estimates.
\& At 1.1x FY09E BV, the valuations are attractive, we maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  | (RS MILLION) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY 08* |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Interest Income | 19,677 | 21,859 | 23,870 | 26,721 | 26,546 | 27,761 | 30,434 | 35,624 | 92,126 | 120,366 |
| Interest Expense | 11,378 | 12,952 | 14,262 | 15,674 | 16,961 | 17,614 | 19,539 | 23,072 | 54,266 | 77,186 |
| Net Interest Income | 8,299 | 8,908 | 9,608 | 11,046 | 9,586 | 10,147 | 10,895 | 12,552 | 37,861 | 43,180 |
| \% Change (YOY) | 9.4 | 13.9 | 17.8 | 27.5 | 15.5 | 13.9 | 13.4 | 13.6 | 19.3 | 14.0 |
| Other Income | 2,775 | 3,217 | 3,337 | 3,978 | 3,702 | 2,900 | 2,704 | 3,055 | 11,732 | 12,360 |
| Net Income | 11,074 | 12,125 | 12,945 | 15,024 | 13,287 | 13,047 | 13,599 | 15,607 | 49,593 | 55,540 |
| \% Change (YOY) | 14.5 | 11.1 | 19.0 | 21.3 | 20.0 | 7.6 | 5.1 | 3.9 | 15.3 | 12.0 |
| Operating Expenses | 6,040 | 5,968 | 6,375 | 7,584 | 6,843 | 6,863 | 7,204 | 8,852 | 25,443 | 29,763 |
| Operating Profit | 5,034 | 6,157 | 6,569 | 7,440 | 6,445 | 6,184 | 6,395 | 6,754 | 24,150 | 25,778 |
| Provision \& Contingencies | 2,531 | 1,593 | 1,417 | 3,118 | 1,414 | 1,600 | 1,500 | 3,036 | 7,608 | 7,550 |
| PBT | 2,503 | 4,564 | 5,153 | 4,322 | 5,030 | 4,584 | 4,895 | 3,719 | 16,543 | 18,228 |
| Tax Provisions | 871 | 1,680 | 1,861 | 1,866 | 1,722 | 1,467 | 1,566 | 1,078 | 6,278 | 5,833 |
| Net Profit | 1,632 | 2,884 | 3,292 | 2,457 | 3,308 | 3,117 | 3,328 | 2,641 | 10,265 | 12,395 |
| \% Change (YoY) | 4.0 | 11.3 | 62.8 | 17.7 | 102.7 | 8.1 | 1.1 | 7.5 | 24.1 | 20.8 |
| Cost to Income Ratio (\%) | 54.5 | 49.2 | 49.3 | 50.5 | 51.5 | 52.6 | 53.0 | 56.7 | 51.3 | 53.6 |
| Int Exp/ Int Earned (\%) | 57.8 | 59.2 | 59.7 | 58.7 | 63.9 | 63.4 | 64.2 | 64.8 | 58.9 | 64.1 |
| Other Income / Net Income (\%) | 25.1 | 26.5 | 25.8 | 26.5 | 27.9 | 22.2 | 19.9 | 19.6 | 23.7 | 22.3 |

$\bar{E}$ : MOSt Estimates; * HTM amortization is included in the Provisions in FY07 while in FY08 it is included in Other Income for quarterly results

## Bank of India

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | BOI IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | BOI.BO |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Buy } \\ & \text { Rs } 277 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| ear | net income | E PAT | Eps | EPS | P/E | P/B | CA | roam | A | P/ABV |
| End | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | (\%) | ratio |
| 3/07A | 50,034 | 11,232 | 23.0 | 60.2 | 12.0 | 2.4 | 11.6 | 21.3 | 0.9 | 2.5 |
| 3/08E | 56,091 | 14,012 | 28.7 | 24.8 | 9.6 | 2.0 | 11.9 | 22.2 | 0.9 | 2.1 |
| 3/09E | 65,535 | 16,677 | 34.2 | 19.0 | 8.1 | 1.6 | 10.5 | 22.1 | 0.9 | 1.8 |

2. Loans and deposits growth is expected to remain strong at $\sim 25 \%$; above industry growth rate. While CASA ratio may fall, margins would remain stable QoQ.
\& Sustained fee income growth at $20-25 \%$ as well as higher treasury profits on account of IL\&FS stake sale by the bank during the quarter would ensure other income remains higher.
3. While there are no concerns on asset quality, we expect the bank to make higher provisions towards NPAs to further bring down the NPA ratios.
\& The bank continues to be the most consistent in term of improvement in core performance. We believe BoI has many levers to bring in positive surprises to our earnings estimate. The stock trades at $8.1 \times$ FY09E EPS and 1.6 x FY09E BV. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07* | FY08E |
|  | 1Q | 2 Q | 3 Q | 4Q | 19 | 2QE | 3QE | 4QE |  |  |
| Interest Income | 20,211 | 22,582 | 23,187 | 26,154 | 27,273 | 29,017 | 30,375 | 32,197 | 91,803 | 118,862 |
| Interest Expense | 12,566 | 14,088 | 14,599 | 16,474 | 17,801 | 19,160 | 20,147 | 21,060 | 57,399 | 78,168 |
| Reported Net Interest Income | 7,644 | 8,494 | 8,588 | 9,680 | 9,472 | 9,858 | 10,228 | 11,136 | 34,405 | 40,694 |
| \% Change (Y-o-Y) | 36.8 | 46.8 | 30.8 | 15.5 | 23.9 | 16.1 | 19.1 | 15.1 | 30.7 | 18.3 |
| Reported Other Income | 3,107 | 3,533 | 3,223 | 5,767 | 3,812 | 3,356 | 3,545 | 4,684 | 15,630 | 15,397 |
| Net Income | 10,751 | 12,026 | 11,811 | 15,447 | 13,284 | 13,213 | 13,773 | 15,821 | 50,034 | 56,091 |
| \% Change (Y-o-Y) | 26.0 | 36.4 | 28.5 | 32.9 | 23.6 | 9.9 | 16.6 | 2.4 | 31.1 | 12.1 |
| Operating Expenses | 6,075 | 7,236 | 6,279 | 6,495 | 6,506 | 7,026 | 7,166 | 8,432 | 26,084 | 29,130 |
| Operating Profit | 4,676 | 4,791 | 5,532 | 8,952 | 6,778 | 6,187 | 6,607 | 7,389 | 23,950 | 26,961 |
| Other Provisions | 1,685 | 1,587 | 2,286 | 3,064 | 1,992 | 2,000 | 2,100 | 1,408 | 8,621 | 7,500 |
| Profit before tax | 2,991 | 3,204 | 3,246 | 5,888 | 4,786 | 4,187 | 4,507 | 5,981 | 15,329 | 19,461 |
| Tax Provisions | 904 | 1,083 | 697 | 1,414 | 1,634 | 1,172 | 1,203 | 1,440 | 4,097 | 5,449 |
| Net Profit | 2,087 | 2,121 | 2,549 | 4,474 | 3,152 | 3,015 | 3,093 | 4,752 | 11,232 | 14,012 |
| \% Change ( $Y$-o-Y) | 21.5 | 60.5 | 78.1 | 75.9 | 51.0 | 42.1 | 21.4 | 6.2 | 60.1 | 24.8 |
| Cost to Income Ratio (\%) | 56.5 | 60.2 | 53.2 | 42.0 | 49.0 | 53.2 | 52.0 | 53.3 | 52.1 | 51.9 |
| Interest Exp./Interest Income (\%) | 62.2 | 62.4 | 63.0 | 63.0 | 65.3 | 66.0 | 66.3 | 65.4 | 62.5 | 65.8 |
| Other Income/Net Income (\%) | 28.9 | 29.4 | 27.3 | 37.3 | 28.7 | 25.4 | 25.7 | 29.6 | 31.2 | 27.5 |

E: MOSt Estimates; NII adjusted of one-off but not for amortization

# Canara Bank 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | CBK IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | CNBK.BO |


| Equity Shares (m) | 410.0 |
| :--- | ---: |
| 52-Week Range | $320 / 174$ |
| 1,6,12 Rel. Perf. (\%) | $1 / 9 /-45$ |
| M.Cap. (Rs b) | 114.1 |
| M.Cap. (US\$ b) | 2.7 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 278 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 54,778 | 14,208 | 34.7 | 5.8 | 8.0 | 1.4 | 13.5 | 18.8 | 1.0 | 1.5 |
| 3/08E | 58,831 | 16,056 | 39.2 | 13.0 | 7.1 | 1.2 | 12.0 | 18.4 | 1.0 | 1.3 |
| 3/09E | 66,156 | 17,865 | 43.6 | 11.3 | 6.4 | 1.1 | 11.6 | 17.9 | 0.9 | 1.2 |

* We expect margins to remain under pressure. Cost of funds continues to be high, as the bank built aggressive bulk deposits during 4QFY07 along with a slower growth in advances during 2 HFY08.
\& We expect muted business growth during 2QFY08 over March/June 2007 levels as the bank is in process of shedding its high cost deposits as well as low yielding and short term advances, which it had contracted aggressively during 4QFY07.
* Other income growth has been lumpy for the bank for several past quarters on account of abruptness in its treasury profits, forex income, recoveries from written off accounts and other miscellaneous income. We expect the bank to register higher treasury profits and recoveries during the quarter to cover up for a poor operating performance.

8. Canara Bank continues to enjoy one of the best asset qualities in the industry with gross NPAs at a mere $1.55 \%$ and net NPAs at $0.98 \%$. We do not expect any negative surprises on asset quality front from the bank. Thus NPA provisions would continue to remain low for the bank going forward.
\& The stock trades at $6.4 x$ FY09E EPS and $1.1 x$ FY09E BV. We maintain Buy as the valuations are attractive.

|  |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3Q | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Interest Earned | 25,128 | 26,800 | 29,614 | 32,105 | 33,800 | 34,839 | 37,017 | 38,676 | 113,646 | 144,332 |
| Interest Expended | 15,649 | 16,988 | 19,220 | 21,512 | 24,859 | 25,143 | 25,370 | 25,627 | 73,377 | 100,999 |
| Net Interest Income | 9,478 | 9,811 | 10,394 | 10,593 | 8,941 | 9,697 | 11,647 | 13,049 | 40,268 | 43,333 |
| \% Change (YoY) | 13.8 | 21.6 | 8.5 | 7.7 | -5.7 | -1.2 | 12.1 | 23.2 | 12.4 | 7.6 |
| Non Interest Income | 2,582 | 3,133 | 2,993 | 6,262 | 3,801 | 3,446 | 3,442 | 4,159 | 14,509 | 15,498 |
| Net Income | 12,060 | 12,944 | 13,387 | 16,855 | 12,742 | 13,143 | 15,089 | 17,208 | 54,778 | 58,831 |
| Operating Expenses | 6,158 | 6,792 | 6,369 | 6,334 | 6,621 | 7,132 | 7,133 | 7,538 | 25,653 | 28,424 |
| Operating Profit | 5,902 | 6,152 | 7,018 | 10,521 | 6,121 | 6,011 | 7,956 | 9,670 | 29,125 | 30,407 |
| \% Change (YOY) | 5.3 | 5.9 | 0.4 | 39.8 | 3.7 | -2.3 | 13.4 | -8.1 | 14.2 | 4.4 |
| Other Provisions \& Contingencies | 3,743 | 1,534 | 2,630 | 4,970 | 3,015 | 1,500 | 2,200 | 2,035 | 12,417 | 9,400 |
| PBT | 2,159 | 4,618 | 4,388 | 5,551 | 3,106 | 4,511 | 5,756 | 7,635 | 16,708 | 21,007 |
| Provision for Taxes | 250 | 1,000 | 750 | 500 | 700 | 1,063 | 1,357 | 1,832 | 2,500 | 4,952 |
| Net Profit | 1,909 | 3,618 | 3,638 | 5,051 | 2,406 | 3,448 | 4,399 | 5,804 | 14,208 | 16,056 |
| \% Change (YoY) | 2.2 | 18.0 | 2.1 | 2.3 | 26.0 | -4.7 | 20.9 | 14.9 | 5.8 | 13.0 |
| Cost/Income | 51.1 | 52.5 | 47.6 | 37.6 | 52.0 | 54.3 | 47.3 | 43.8 | 46.8 | 48.3 |
| Int Exp / Int Income | 62.3 | 63.4 | 64.9 | 67.0 | 73.5 | 72.2 | 68.5 | 66.3 | 64.6 | 70.0 |
| Other Income / Net Income | 21.4 | 24.2 | 22.4 | 37.2 | 29.8 | 26.2 | 22.8 | 24.2 | 26.5 | 26.3 |

E: MOSt Estimates

# Corporation Bank 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | CRPBK IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | CRBK.BO |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{gathered} \text { Sell } \\ \text { Rs } 388 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Sell |  |  |  |  |  |  |  |  |  |  |
| 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 | 10.4 | 1.5 | 12.8 | 15.0 | 1.2 | 1.5 |
| 3/08E | 21,627 | 6,536 | 45.6 | 21.9 | 8.5 | 1.3 | 12.0 | 16.3 | 1.1 | 1.3 |
| 3/09E | 25,057 | 7,568 | 52.8 | 15.8 | 7.4 | 1.2 | 11.0 | 16.7 | 1.1 | 1.2 |

* The bank has significantly improved its yields to $10.15 \%$ during 1 QFY08. We believe further improvement in yields would only be marginal for the bank. Credit growth also remains sluggish at $\sim 20 \%$; below industry levels.
\& The bank had resorted to aggressive bulk deposits intake during 4QFY07 and 1QFY08, which impacted its margins during 1 QFY08. We believe maintaining margins would be a key challenge for the bank on account of increased cost of funds and lower credit offtake.

8. While fee income continues to grow at a slower pace, NSE stake sale during the quarter would boost other income and operating profit for the bank.
\& Asset quality remains robust with net NPAs below $0.5 \%$. We do not expect any material weakening of the asset portfolio.

* The stock trades at 7.4x FY09E EPS and 1.2x FY09E BV. We maintain Sell.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 30 | 4Q | 1 Q | 2QE | 30E | 4QE |  |  |
| Interest Income | 7,301 | 8,325 | 8,868 | 9,808 | 11,201 | 11,322 | 11,618 | 12,177 | 34,302 | 46,318 |
| Interest Expense | 4,053 | 5,158 | 5,536 | 5,777 | 7,479 | 7,582 | 7,611 | 7,677 | 20,524 | 30,350 |
| Net Interest Income | 3,248 | 3,167 | 3,333 | 4,030 | 3,722 | 3,739 | 4,006 | 4,500 | 13,778 | 15,968 |
| \% Change ( $Y$-o- $Y$ ) | 15.6 | 3.3 | 1.5 | 29.6 | 14.6 | 18.1 | 20.2 | 11.7 | 12.3 | 15.9 |
| Other Income | 1,650 | 982 | 1,408 | 1,619 | 1,187 | 1,570 | 1,619 | 1,282 | 5,658 | 5,659 |
| Net Income | 4,898 | 4,148 | 4,741 | 5,649 | 4,909 | 5,310 | 5,625 | 5,783 | 19,436 | 21,627 |
| \% Change ( $Y-0-Y$ ) | 14.8 | -1.2 | 15.6 | 27.2 | 0.2 | 28.0 | 18.7 | 2.4 | 14.3 | 11.3 |
| Operating Expenses | 1,883 | 1,941 | 1,995 | 2,217 | 2,154 | 2,232 | 2,314 | 2,574 | 8,036 | 9,273 |
| Operating Profit | 3,015 | 2,208 | 2,745 | 3,432 | 2,756 | 3,078 | 3,311 | 3,209 | 11,400 | 12,353 |
| \% Change ( $Y$-o- $Y$ ) | 19.1 | -7.7 | 26.8 | 40.2 | -8.6 | 39.4 | 20.6 | -6.5 | 19.5 | 8.4 |
| Other Provisions | 838 | 238 | 647 | 1,513 | 200 | 600 | 600 | 1,051 | 3,235 | 2,450 |
| PBT | 2,177 | 1,970 | 2,099 | 1,919 | 2,556 | 2,478 | 2,711 | 2,159 | 8,166 | 9,903 |
| Tax Provisions | 735 | 700 | 635 | 735 | 785 | 843 | 922 | 818 | 2,804 | 3,367 |
| Net Profit | 1,442 | 1,270 | 1,464 | 1,185 | 1,771 | 1,636 | 1,789 | 1,341 | 5,361 | 6,536 |
| \% Change ( $Y$-o-Y) | 16.8 | 20.3 | 27.2 | 18.1 | 22.8 | 28.8 | 22.2 | 13.2 | 20.6 | 21.9 |
| Cost to Income Ratio (\%) | 38.4 | 46.8 | 42.1 | 39.3 | 43.9 | 42.0 | 41.1 | 44.5 | 41.3 | 42.9 |
| Interest Expense/Interest Incom | (\%)55.5 | 62.0 | 62.4 | 58.9 | 66.8 | 67.0 | 65.5 | 63.0 | 59.8 | 65.5 |
| Other Income/Net Income (\%) | 33.7 | 23.7 | 29.7 | 28.7 | 24.2 | 29.6 | 28.8 | 22.2 | 29.1 | 26.2 |

E: MOSt Estimates; All quarters have been adjusted for reclassification of amortization on HTM as part of other income

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | FB IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | FED.BO |


| Equity Shares (m) | 85.8 |
| :--- | ---: |
| 52-Week Range | $380 / 188$ |
| 1,6,12 Rel. Perf. (\%) | $0 / 36 / 37$ |
| M.Cap. (Rs b) | 31.9 |
| M.Cap. (US\$ b) | 0.8 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 372 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net income | PAT | EPS | EPS | P/E | P/BV | CAR | Roae | ROAA | P/ABV |
| End | (RS M) | (RS M) | (RS) | GRowt (\%) | (X) | (X) | (\%) | (\%) | (\%) | Ratio |
| 3/07A | 10,191 | 2,927 | 34.2 | 30.0 | 10.9 | 2.1 | 13.4 | 21.3 | 1.3 | 2.2 |
| 3/08E | 11,585 | 3,687 | 43.1 | 25.9 | 8.6 | 1.8 | 12.9 | 22.2 | 1.3 | 1.8 |
| 3/09E | 13,484 | 4,621 | 54.0 | 25.3 | 6.9 | 1.4 | 12.4 | 22.9 | 1.4 | 1.5 |

$\&$ We expect strong NII growth of $21 \%$ on the back of sustained margins and modest asset growth.
\& Lower treasury profits and recoveries would subdue other income growth, while fee income growth would remain modest at $10-12 \%$.
\& Asset quality has substantially improved with gross NPAs at $2.92 \%$ and net NPAs at $0.37 \%$ as of June 2007. Hence, we expect NPA provisions to remain low.

* Federal Bank is a play on improving asset quality, consolidation and attractive valuations. The stock trades at 6.9 x FY09E EPS and 1.4x FY09E BV. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Interest Income | 4,083 | 4,337 | 4,441 | 5,313 | 5,592 | 5,638 | 5,773 | 6,181 | 18,174 | 23,185 |
| Interest Expense | 2,497 | 2,662 | 2,676 | 3,033 | 3,665 | 3,621 | 3,692 | 3,729 | 10,850 | 14,707 |
| Net Interest Income | 1,586 | 1,675 | 1,766 | 2,280 | 1,928 | 2,017 | 2,081 | 2,452 | 7,324 | 8,478 |
| \% Change ( $Y-0-Y$ ) | 10.0 | 25.0 | 18.1 | 32.4 | 21.5 | 20.5 | 17.9 | 7.6 | 22.1 | 15.8 |
| Other Income | 543 | 726 | 545 | 1,054 | 1,005 | 650 | 750 | 702 | 2,867 | 3,107 |
| Net Income | 2,129 | 2,401 | 2,310 | 3,333 | 2,932 | 2,667 | 2,831 | 3,154 | 10,191 | 11,585 |
| \% Change ( $Y-0-Y$ ) | 14.2 | 26.0 | 16.8 | 37.8 | 37.8 | 11.1 | 22.5 | -5.4 | 24.8 | 13.7 |
| Operating Expenses | 991 | 1,011 | 973 | 1,086 | 1,048 | 1,021 | 1,070 | 1,275 | 4,061 | 4,415 |
| Operating Profit | 1,137 | 1,390 | 1,337 | 2,247 | 1,884 | 1,647 | 1,761 | 1,879 | 6,130 | 7,170 |
| Prov for Tax | 176 | 170 | 196 | 388 | 545 | 329 | 352 | 207 | 1,055 | 1,434 |
| Provisions and Contingencies | 559 | 526 | 321 | 867 | 670 | 500 | 400 | 480 | 2,148 | 2,050 |
| Net Profit | 402 | 695 | 820 | 993 | 669 | 817 | 1,009 | 1,191 | 2,927 | 3,687 |
| \% Change ( $Y$-o-Y) | -17.5 | 28.2 | 14.5 | 95.6 | 66.6 | 17.7 | 23.0 | 20.0 | 30.0 | 25.9 |
| Cost to Income Ratio (\%) | 46.6 | 42.1 | 42.1 | 32.6 | 35.7 | 38.3 | 37.8 | 40.4 | 39.8 | 38.1 |
| Interest Exp./Interest Income (\%) | 61.2 | 61.4 | 60.2 | 57.1 | 65.5 | 64.2 | 64.0 | 60.3 | 59.7 | 63.4 |
| Other Income/Net Income (\%) | 25.5 | 30.2 | 23.6 | 31.6 | 34.3 | 24.4 | 26.5 | 22.3 | 28.1 | 26.8 |

## E: MOSt Estimates

| STOCK INFO. <br> BSE Sensex: 17,291 | OOMBERG |
| :---: | :---: |
|  | FC IN |
| S\&P CNX: 5,021 | uters code |
|  | FC.BO |
| Equity Shares (m) | 271.0 |
| 52-Week Range | 2,544/1,383 |
| 1,6,12 Rel. Perf. (\%) | 12/32/29 |
| M.Cap. (Rs b) | 684.9 |
| M.Cap. (US\$ b) | 17.2 |


| 28 September 2007 Buy |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  | Rs 2,527 |  |
| 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 | 22,294 | 15,704 | 62.1 | 23.2 | 40.7 | 11.5 | 13.0 | 31.3 | 2.8 | 11.7 |
| 3/08E | 31,290 | 22,233 | 82.0 | 32.2 | 30.8 | 6.8 | 16.0 | 28.4 | 3.1 | 6.8 |
| 3/09E | 36,198 | 24,729 | 86.1 | 5.0 | 29.3 | 5.2 | 14.0 | 20.6 | 2.7 | 5.3 |

\& Despite concerns relating to growth in mortgages, we expect HDFC to maintain its traditional growth of $26-27 \%$ in disbursements and $25 \%+$ in loans.

* As ICICI Bank and other SOBs slow down disbursements owing to margin concerns, we expect HDFC to gain market share.
\& We expect $26 \%$ earnings (pre-exceptional) growth in 2QFY08. HDFC continues to be one of the most consistent performers in the sector and we expect sustained outperformance in future as well.
$\&$ HDFC has completed its stake sale in Intelnet during 2QFY08, thus profits from that transaction would be booked during the quarter. This would lead to a pre-tax profit of Rs 3.15 b in the quarter.

2. We expect spreads to improve QoQ as cost of funds has moderated while lending rates have remained unchanged.
\& Adjusting for the value of its investments, HDFC is available at $23 x$ FY09E EPS. With strong growth prospects, we are optimistic over the future earnings prospects of HDFC. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 30 | 4Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Income from Operations | 12,457 | 14,468 | 14,545 | 17,285 | 18,270 | 19,966 | 20,363 | 25,304 | 58,755 | 83,902 |
| Other Income | 28 | 95 | 39 | 45 | 34 | 90 | 50 | 46 | 208 | 220 |
| Total Income | 12,485 | 14,563 | 14,585 | 17,330 | 18,304 | 20,056 | 20,413 | 25,349 | 58,963 | 84,122 |
| YoY Change (\%) | 33.6 | 38.9 | 38.2 | 39.8 | 46.6 | 37.7 | 40.0 | 46.3 | 37.8 | 42.7 |
| Interest and Other Charges | 8,014 | 9,137 | 9,475 | 10,042 | 12,451 | 13,157 | 13,739 | 16,045 | 36,669 | 55,393 |
| Other Expenses | 667 | 686 | 614 | 474 | 765 | 837 | 829 | 528 | 2,442 | 2,960 |
| Total Expenses | 8,681 | 9,823 | 10,089 | 10,517 | 13,217 | 13,995 | 14,568 | 16,573 | 39,110 | 58,353 |
| PBDT | 3,805 | 4,740 | 4,495 | 6,813 | 5,087 | 6,061 | 5,845 | 8,776 | 19,852 | 25,770 |
| YoY Change (\%) | 22.0 | 22.3 | 25.8 | 31.4 | 33.7 | 27.9 | 30.0 | 28.8 | 26.0 | 29.8 |
| Depreciation | 37 | 39 | 47 | 52 | 37 | 47 | 56 | 80 | 175 | 220 |
| PBT | 3,767 | 4,701 | 4,448 | 6,761 | 5,050 | 6,014 | 5,789 | 8,696 | 19,678 | 25,550 |
| Provision for Tax | 799 | 1,021 | 886 | 1,261 | 1,322 | 1,383 | 1,332 | 1,840 | 3,974 | 5,876 |
| PAT | 2,968 | 3,680 | 3,562 | 5,501 | 3,728 | 4,631 | 4,458 | 6,856 | 15,704 | 19,673 |
| YoY Change (\%) | 20.0 | 23.1 | 25.2 | 29.0 | 25.6 | 25.8 | 25.1 | 24.6 | 24.9 | 25.3 |
| Post Tax Profit on Intelnet Stake Sal | a 0 | 0 | 0 | 0 | 0 | 2,560 | 0 | 0 | 0 | 2,560 |
| Reported PAT | 2,968 | 3,680 | 3,562 | 5,501 | 3,728 | 7,191 | 4,458 | 6,856 | 15,704 | 22,233 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 17,291 | HDFCB IN |
| REUTERS CODE |  |
| S\&P CNX: 5,021 | HDBK.BO |
| Equity Shares (m) | 319.4 |
| 52-Week Range | $1,459 / 888$ |
| 1,6,12 Rel. Perf. (\%) | $9 / 16 / 15$ |
| M.Cap. (Rs b) | 459.6 |
| M.Cap. (US\$ b) | 11.5 |


| 28 September 2007 Buy |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  | Rs 1,439 |  |
| 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 | 49,847 | 11,419 | 35.8 | 28.3 | 40.3 | 7.1 | 13.1 | 19.5 | 1.4 | 7.3 |
| 3/08E | 67,413 | 15,328 | 43.1 | 20.5 | 33.4 | 4.3 | 13.4 | 16.8 | 1.4 | 4.4 |
| 3/09E | 89,332 | 20,997 | 59.0 | 37.0 | 24.4 | 3.8 | 11.5 | 16.6 | 1.5 | 3.8 |

\& HDFC Bank is expected to maintain its trend of consistent PAT growth of $\sim 30 \%+$. We expect margins to improve during 2QFY08 on account of capital raising of US\$1b during the quarter.

* HDFC Bank has added 218 branches in the last three quarters and is expected to add about $90-100$ more branches in FY08. This branch expansion makes us comfortable about profitable and robust business growth, going forward.
* Rapid expansion of branch network would continue to keep upward pressure on operating expenses while we expect the overall cost-to-income ratio to be held firm at $\sim 48-49 \%$ in 2QFY08.
* The equity raising of US $\$ 1 \mathrm{~b}$ in FY08 is significantly book accretive. While RoEs would come down on account of this capital raising in near future, we expect returns to bounce back to $20 \%+$ level over the next $3-4$ years. On a post diluted bas is, the stock trades at $24.4 x$ FY09E EPS and 3.8x FY09E BV. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY 08* |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4Q | 10 | 2QE | 3QE | 4QE |  |  |
| Interest Income | 15,043 | 16,357 | 17,593 | 19,898 | 21,259 | 23,063 | 24,542 | 27,883 | 68,890 | 96,747 |
| Interest Expense | 6,867 | 7,901 | 8,307 | 8,721 | 10,836 | 11,377 | 11,796 | 13,000 | 31,795 | 47,009 |
| Net Interest Income | 8,176 | 8,456 | 9,286 | 11,177 | 10,422 | 11,686 | 12,747 | 14,882 | 37,096 | 49,737 |
| Growth (\%) | 56.1 | 38.1 | 38.5 | 51.2 | 27.5 | 38.2 | 37.3 | 33.1 | 45.7 | 34.1 |
| Other Income | 2,909 | 3,401 | 3,129 | 3,312 | 5,158 | 4,217 | 3,911 | 4,389 | 12,751 | 17,675 |
| Net Income | 11,086 | 11,857 | 12,415 | 14,490 | 15,581 | 15,903 | 16,658 | 19,271 | 49,847 | 67,413 |
| Growth (\%) | 40.8 | 35.9 | 28.4 | 38.8 | 40.5 | 34.1 | 34.2 | 33.0 | 45.6 | 35.2 |
| Operating Expenses | 5,527 | 5,791 | 6,050 | 6,839 | 7,744 | 8,150 | 8,833 | 9,856 | 24,208 | 34,583 |
| Operating Profit | 5,558 | 6,066 | 6,365 | 7,650 | 7,837 | 7,753 | 7,825 | 9,415 | 25,639 | 32,829 |
| Provisions and Contingencies | 2,040 | 2,481 | 2,060 | 2,671 | 3,071 | 2,650 | 2,100 | 2,468 | 7,309 | 10,289 |
| Profit Before Tax | 3,518 | 3,585 | 4,305 | 4,980 | 4,766 | 5,103 | 5,725 | 6,947 | 18,330 | 22,540 |
| Provision for Taxes | 1,125 | 955 | 1,349 | 1,544 | 1,553 | 1,633 | 1,832 | 2,195 | 6,912 | 7,213 |
| Net Profit | 2,393 | 2,629 | 2,956 | 3,436 | 3,212 | 3,470 | 3,893 | 4,752 | 11,419 | 15,328 |
| Growth (\%) | 30.4 | 31.7 | 31.7 | 30.5 | 34.2 | 32.0 | 31.7 | 38.3 | 30.8 | 34.2 |
| Cost to Income Ratio (\%) | 49.9 | 48.8 | 48.7 | 47.2 | 49.7 | 51.2 | 53.0 | 51.1 | 48.6 | 51.3 |
| Interest Exp./Interest Income (\%) | 45.6 | 48.3 | 47.2 | 43.8 | 51.0 | 49.3 | 48.1 | 46.6 | 46.2 | 48.6 |
| Other Income/Total Income (\%) | 26.2 | 28.7 | 25.2 | 22.9 | 33.1 | 26.5 | 23.5 | 22.8 | 25.6 | 26.2 |

$\bar{E}$ : MOSt Estimates; * HTM amortiz ation is included in the Provisions in FY07 while in FY08 it is included in Other Income for quarterly results

| STOCK INFO. BLOOMBERG <br> BSE Sensex: 17,291 ICICIBC IN <br>  <br>  <br> REUTERS CODE <br> S\&P CNX: 5,021 ICBK.BO |  |
| :--- | ---: |
| Equity Shares (m) | $1,108.3$ |
| 52-Week Range | $1,071 / 673$ |
| 1,6,12 Rel.Perf.(\%) | $7 /-10 / 10$ |
| M.Cap. (Rs b) | $1,178.3$ |
| M.Cap. (US\$ b) | 29.6 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | s 1,063 |
| 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 | 125,650 31 | 31,102 | 34.6 | 21.2 | 30.7 | 3.9 | 11.7 | 13.4 | 1.0 | 4.2 |
| 3/08E | 168,285 4 | 40,784 | 36.8 | 6.4 | 28.9 | 2.5 | 15.6 | 11.4 | 1.0 | 2.6 |
| 3/09E | 224,645 | 53,250 | 48.0 | 30.6 | 22.1 | 2.3 | 13.3 | 10.8 | 1.1 | 2.4 |

\& Margins are expected to improve during 2QFY08 to $2.5 \%+$ on account of full quarter impact of equity capital raised during 1QFY08.
\& The bank has raised lending rates aggressively and its retail lending rates are higher v/s the market. Housing disbursements continue to be on a YoY decline for the bank. Thus, the loan book growth would continue to slow down.

* Fee income would continue to grow rapidly likely reporting $\sim 40-45 \%$ growth YoY driven by robust performance in its insurance, credit cards and international business.
* With deteriorating asset quality and exposure to riskier asset classes, we expect NPA provisions to continue to remain high.
\& At CMP, excluding the subsidiaries, the stock trades at $15.5 x$ FY09E EPS and $1.6 x$ FY09E BV. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY 08* |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | $3 Q$ | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Interest Income | 50,386 | 54,694 | 58,247 | 66,616 | 75,661 | 83,606 | 90,294 | 97,299 | 229,943 | 346,860 |
| Interest Expense | 35,634 | 38,924 | 41,159 | 47,869 | 58,519 | 62,615 | 66,685 | 69,107 | 163,585 | 256,926 |
| Net Interest Income | 14,753 | 15,770 | 17,088 | 18,747 | 17,143 | 20,991 | 23,609 | 28,192 | 66,358 | 89,934 |
| Growth (\%) | 52.2 | 46.9 | 32.1 | 36.5 | 16.2 | 33.1 | 38.2 | 50.4 | 40.9 | 35.5 |
| Other Income | 10,110 | 15,701 | 19,806 | 18,339 | 17,153 | 19,000 | 21,000 | 21,198 | 59,292 | 78,351 |
| Net Income | 24,863 | 31,471 | 36,894 | 37,087 | 34,295 | 39,991 | 44,609 | 49,390 | 125,650 | 168,285 |
| Operating Expenses | 15,215 | 15,352 | 17,133 | 19,206 | 19,053 | 21,100 | 22,000 | 25,448 | 66,906 | 87,602 |
| Operating Profit | 9,648 | 16,119 | 19,761 | 17,881 | 15,242 | 18,891 | 22,609 | 23,941 | 58,744 | 80,683 |
| Growth (\%) | -0.6 | 54.4 | 65.4 | 20.7 | 58.0 | 17.2 | 14.4 | 33.9 | 51.1 | 37.3 |
| Provisions and Contingencies | 2,163 | 7,093 | 8,910 | 8,763 | 5,523 | 6,700 | 7,500 | 9,981 | 22,294 | 29,704 |
| Profit before Tax | 7,486 | 9,025 | 10,852 | 9,117 | 9,720 | 12,191 | 15,109 | 13,960 | 36,450 | 50,979 |
| Provision for Taxes | 1,286 | 1,475 | 1,751 | 836 | 1,969 | 2,560 | 3,173 | 2,494 | 5,348 | 10,196 |
| Net Profit | 6,200 | 7,550 | 9,101 | 8,281 | 7,751 | 9,631 | 11,936 | 11,466 | 31,102 | 40,784 |
| Growth (\%) | 17.0 | 30.2 | 42.2 | 4.8 | 25.0 | 27.6 | 31.2 | 38.5 | 22.4 | 31.1 |
| Interest Exp./Interest Income (\%) | 70.7 | 71.2 | 70.7 | 71.9 | 77.3 | 74.9 | 73.9 | 71.0 | 71.1 | 74.1 |
| Other Income/Net Income (\%) | 40.7 | 49.9 | 53.7 | 49.5 | 50.0 | 47.5 | 47.1 | 42.9 | 47.2 | 46.6 |
| Cost/Income (\%) | 61.2 | 48.8 | 46.4 | 51.8 | 55.6 | 52.8 | 49.3 | 51.5 | 53.2 | 52.1 |

E: MOSt Estimates; * Quarterly numbers adjusted for amortization in FY07

# Indian Bank 

| STOCK INFO. BL | BLOOMBERG |
| :---: | :---: |
| BSE Sensex: 17,291 IN | INBK IN |
| S\&P CNX 5,021 | reuters code <br> INBA.BO |
| Equity Shares (m) | 429.8 |
| 52-Week Range | 178/77 |
| 1,6, 12 Rel. Perf. (\%) | (\%) -6/46/- |
| M.Cap. (Rs b) | 68.8 |
| M.Cap. (US\$ b) | 1.7 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{gathered} \text { Buy } \\ \text { Rs } 160 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR | NET INCOME | P PAT | EPS | EPS | P/E | P/BV | CAR | ROAE | ROAA | P/ABV |
| END | (RS M) | (RS M) |  | GROWTH (\%) | (X) | (X) | (\%) | (\%) | (\%) | RATIO |
| 3/07A | 26,052 | 7,598 | 17.7 | 20.5 | 9.1 | 2.1 | 14.1 | 28.4 | 1.5 | 2.2 |
| 3/08E | 29,292 | 9,464 | 22.0 | 24.6 | 7.3 | 1.7 | 12.5 | 25.2 | 1.6 | 1.8 |
| 3/09E | 33,205 | 11,715 | 27.3 | 23.8 | 5.9 | 1.4 | 11.0 | 25.6 | 1.7 | 1.4 |

* Considering the comfortable liquidity position of the bank, we expect loan book growth to remain strong at $\sim 24-25 \%$ Yo Y - higher than the industry growth rate.
\& We expect margins to remain stable for bank as it can enjoy incremental C-D ratio of $>100 \%$ over the next two years.
* While recoveries would tend to pick up from 2QFY08, we expect major traction to begin only from 3QFY08.
* Bank's higher operating profitability would enable it to make higher provisions towards AS-15 liability, NPAs and standard assets.
* Stock trades at 5.9x FY09E EPS and 1.4x FY09E BV. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4Q* | 1Q | 2QE | 3QE | 4QE |  |  |
| Interest Income | 9,562 | 10,322 | 10,766 | 12,196 | 12,029 | 12,690 | 13,325 | 13,792 | 42,847 | 51,835 |
| Interest Expense | 5,468 | 5,785 | 6,406 | 6,466 | 7,124 | 7,373 | 7,742 | 7,718 | 24,126 | 29,957 |
| Net Interest Income | 4,094 | 4,537 | 4,360 | 5,730 | 4,905 | 5,317 | 5,583 | 6,073 | 18,720 | 21,878 |
| \% Change ( $Y$-o-Y) | 20.2 | 26.1 | 18.1 | 30.0 | 19.8 | 17.2 | 28.1 | 6.0 | 24.0 | 16.9 |
| Other Income | 922 | 1,437 | 857 | 3,215 | 1,739 | 1,900 | 1,800 | 1,975 | 7,332 | 7,413 |
| Net Income | 5,016 | 5,974 | 5,217 | 8,945 | 6,644 | 7,217 | 7,383 | 8,048 | 26,052 | 29,292 |
| \% Change ( $Y$-o-Y) | 9.4 | 21.0 | 9.1 | 46.3 | 32.5 | 20.8 | 41.5 | -10.0 | 32.0 | 12.4 |
| Operating Expenses | 2,721 | 3,001 | 2,761 | 3,529 | 3,346 | 3,451 | 3,313 | 3,476 | 12,466 | 13,587 |
| Operating Profit | 2,295 | 2,973 | 2,456 | 5,416 | 3,298 | 3,766 | 4,070 | 4,572 | 13,586 | 15,705 |
| Other Provisions | 417 | 1,043 | 333 | 2,486 | 907 | 1,300 | 1,300 | 1,193 | 4,744 | 4,700 |
| Profit before Tax | 1,878 | 1,930 | 2,123 | 2,930 | 2,391 | 2,466 | 2,770 | 3,379 | 8,842 | 11,005 |
| Tax Provisions | 230 | 238 | 218 | 577 | 270 | 300 | 320 | 651 | 1,244 | 1,541 |
| Net Profit | 1,648 | 1,692 | 1,905 | 2,353 | 2,121 | 2,166 | 2,450 | 2,728 | 7,598 | 9,464 |
| \% Change ( $Y$-o-Y) | 20.7 | 60.2 | 54.7 | 69.2 | 28.7 | 28.0 | 28.6 | 15.9 | 50.6 | 24.6 |
| Cost to Income Ratio (\%) | 54.2 | 50.2 | 52.9 | 39.5 | 50.4 | 47.8 | 44.9 | 43.2 | 47.9 | 46.4 |
| Interest Exp./Interest Income (\%) | 57.2 | 56.0 | 59.5 | 53.0 | 59.2 | 58.1 | 58.1 | 56.0 | 56.3 | 57.8 |
| Other Income/Net Income (\%) | 18.4 | 24.1 | 16.4 | 35.9 | 26.2 | 26.3 | 24.4 | 24.5 | 28.1 | 25.3 |

E: MOSt Estimates

# Indian Overseas Bank 

| STOCK INFO. <br> BSE Sensex: 17,291 | BLOOMBERG |
| :---: | :---: |
|  | IOB IN |
|  | Reuters code |
| S\&P CNX: 5,021 IO | IOBK.BO |
| Equity Shares (m) | 544.8 |
| 52-Week Range | 151/89 |
| 1,6, 12 Rel. Perf. (\%) | \%) 3/4/-10 |
| M.Cap. (Rs b) | 78.6 |
| M.Cap. (US\$ b) | 2.0 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{array}{r} \text { Buy } \\ \text { Rs } 144 \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR | NET INCOME | E PAT | EPS | EPS | P/E | P/BV | CAR | ROAE | ROAA | P/ABV |
| END | (RS M) | (RS M) |  | GROWTH (\%) | (X) | (X) | (\%) | (\%) | (\%) | RATIO |
| 3/07A | 29,478 | 10,084 | 18.5 | 28.7 | 7.8 | 2.0 | 13.3 | 29.1 | 1.4 | 2.1 |
| 3/08E | 35,451 | 11,992 | 22.0 | 18.9 | 6.6 | 1.6 | 12.0 | 27.5 | 1.3 | 1.7 |
| 3/09E | 42,298 | 14,525 | 26.7 | 21.1 | 5.4 | 1.3 | 11.7 | 26.6 | 1.3 | 1.4 |

25 Loan book is expected to grow $\sim 24-25 \%$ YoY on account of the bank's comfortable liquidity position (the bank continues to hold significant excess SLR) as well as the consolidation of Bharat Overseas Bank's advances.
\& We expect fee income growth ( $20 \%+$ ) and treasury profits to remain strong during the quarter. However on a reported basis, other income would decline on account of reclassification of amortization on HTM investments.
\& While slippages continue to remain high for the bank, robust recoveries have offset their impact; thereby improving asset quality over several previous quarters (Net NPAs $0.5 \%$ in 1QFY08). We do not expect material weakness in asset quality for the bank, while we have factored in higher NPA provisions for the bank on a conservative basis.

25 PAT growth is likely to be $19 \%$ YoY in 2QFY08, driven by steady growth in NII, robust fee income and lower provisions.
\& The stock trades at $5.4 x$ FY09E EPS and $1.3 x$ FY09E BV. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY 08* |  |  |  | FY07* | FY08E* |
|  | 10 | 2 Q | 30 | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Interest Income | 12,409 | 13,721 | 14,737 | 17,454 | 18,462 | 19,062 | 19,348 | 20,433 | 58,321 | 77,305 |
| Interest Expense | 6,654 | 7,602 | 8,686 | 9,771 | 11,372 | 11,884 | 12,062 | 12,296 | 32,713 | 47,613 |
| Net Interest Income | 5,755 | 6,119 | 6,051 | 7,682 | 7,090 | 7,178 | 7,286 | 8,137 | 25,608 | 29,692 |
| \% Change ( $Y-0-Y$ ) | 19.1 | 18.3 | 15.1 | 42.0 | 23.2 | 17.3 | 20.4 | 5.9 | 23.9 | 15.9 |
| Other Income | -342 | 1,520 | 1,980 | 1,905 | 616 | 1,450 | 1,750 | 1,943 | 3,870 | 5,759 |
| Net Income | 5,413 | 7,639 | 8,031 | 9,587 | 7,706 | 8,628 | 9,036 | 10,080 | 29,478 | 35,451 |
| \% Change (Y-o-Y) | -18.6 | 10.4 | 17.1 | 27.3 | 42.4 | 12.9 | 12.5 | 5.1 | 5.5 | 20.3 |
| Operating Expenses | 3,302 | 3,491 | 3,116 | 3,970 | 3,614 | 3,805 | 4,050 | 4,425 | 13,878 | 15,895 |
| Operating Profit | 2,111 | 4,148 | 4,916 | 5,618 | 4,092 | 4,823 | 4,986 | 5,655 | 15,600 | 19,555 |
| Other Provisions | -554 | 541 | 1,251 | 1,820 | 620 | 750 | 700 | 830 | 1,866 | 2,900 |
| Tax Provisions | 445 | 1,108 | 1,197 | 900 | 787 | 1,100 | 1,300 | 1,477 | 3,650 | 4,663 |
| Net Profit | 2,220 | 2,499 | 2,468 | 2,898 | 2,685 | 2,973 | 2,986 | 3,348 | 10,084 | 11,992 |
| \% Change ( $Y$-o-Y) | 21.2 | 25.9 | 25.1 | 41.7 | 20.9 | 19.0 | 21.0 | 15.5 | 28.7 | 18.9 |
| Cost to Income Ratio (\%) | 61.0 | 45.7 | 38.8 | 41.4 | 46.9 | 44.1 | 44.8 | 43.9 | 47.1 | 44.8 |
| Interest Exp./Interest Income (\%) | 53.6 | 55.4 | 58.9 | 56.0 | 61.6 | 62.3 | 62.3 | 60.2 | 56.1 | 61.6 |
| Other Income/Net Income (\%) | -6.3 | 19.9 | 24.7 | 19.9 | 8.0 | 16.8 | 19.4 | 19.3 | 13.1 | 16.2 |

E: MOSt Estimates; *Amortization on HTM investments and tranfer losses on AFS to HTM included in Other income

## Jammu \& Kashmir Bank

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> JKBK IN |
| :--- | :--- |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | JKBK.BO |$\quad$| Equity Shares (m) | 48.5 |
| :--- | ---: |
| 52-Week Range | $797 / 398$ |
| 1,6,12 Rel. Perf. (\%) | $0 /-13 / 43$ |
| M.Cap. (Rs b) | 38.0 |
| M.Cap. (US\$ b) | 1.0 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 783 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 13.8 | 1.9 | 13.2 | 14.4 | 1.0 | 2.0 |
| 3/08E | 10,621 | 3,302 | 68.1 | 20.3 | 11.5 | 1.7 | 12.1 | 15.5 | 1.0 | 1.8 |
| 3/09E | 12,418 | 4,047 | 83.5 | 22.6 | 9.4 | 1.5 | 11.6 | 16.7 | 1.0 | 1.6 |

* NII is expected to grow $8 \%$ to Rs 2.1 b in 2QFY08 on the back of strong loan book growth. We expect margins to remain under pressure.
\& Fee income growth aided by insurance distribution commission has been a key driver of earnings. We expect the same trend to continue during 2 QFY08.
\& Management has guided for higher-than-industry growth in advance during FY08. Management's ability to source core deposits to fund this growth without impacting margins would be the key strategy to watch out for.
* A sset quality significantly deteriorated during 4QFY07 (Net NPAs increased to $>1 \%$ ) as some legacy accounts were recognized as NPAs. Management has guided for improvement in asset quality through recoveries during FY08. Some signs of improvement in asset quality were visible during 1QFY08. Asset quality improvement would be a key area to watch out for going forward.
* The stock trades at $9.4 x$ FY09E EPS and $1.5 x$ FY09E BV. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 30 | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Interest Income | 4,547 | 4,621 | 4,631 | 5,210 | 5,751 | 5,938 | 6,020 | 6,628 | 18,993 | 24,336 |
| Interest Expenses | 2,760 | 2,688 | 2,680 | 3,187 | 3,854 | 3,844 | 3,806 | 4,054 | 11,315 | 15,558 |
| Net Interest Income | 1,786 | 1,933 | 1,951 | 2,024 | 1,896 | 2,094 | 2,214 | 2,574 | 7,678 | 8,778 |
| \% Change ( $Y$-o- $Y$ ) | 18.7 | 18.2 | 21.2 | 7.3 | 6.2 | 8.3 | 13.5 | 27.2 | 15.7 | 14.3 |
| Other Income | 219 | 354 | 329 | 701 | 358 | 395 | 450 | 639 | 1,602 | 1,842 |
| Net Income | 2,005 | 2,287 | 2,279 | 2,725 | 2,254 | 2,489 | 2,664 | 3,213 | 9,281 | 10,621 |
| Operating Expenses | 829 | 908 | 888 | 1,094 | 943 | 999 | 1,021 | 1,253 | 3,724 | 4,215 |
| Operating Profit | 1,176 | 1,378 | 1,392 | 1,631 | 1,312 | 1,490 | 1,643 | 1,960 | 5,556 | 6,405 |
| \% Change ( $Y$-o-Y) | 29.6 | 36.1 | 38.4 | 19.2 | 11.5 | 8.1 | 18.1 | 20.2 | 29.4 | 15.3 |
| Prov. \& Contingencies | 291 | 194 | 298 | 621 | 190 | 200 | 300 | 860 | 1,404 | 1,550 |
| Profit before Tax | 886 | 1,185 | 1,094 | 1,010 | 1,122 | 1,290 | 1,343 | 1,100 | 4,152 | 4,855 |
| Provision for Taxes | 260 | 340 | 250 | 557 | 289 | 350 | 380 | 534 | 1,407 | 1,554 |
| Net Profit | 626 | 845 | 844 | 453 | 832 | 940 | 963 | 566 | 2,745 | 3,302 |
| \% Change ( $Y$-o-Y) | 29.2 | 53.7 | 66.6 | 98.6 | 33.0 | 11.2 | 14.2 | 25.1 | 55.2 | 20.3 |
| Cost to Income | 41.3 | 39.7 | 39.0 | 40.1 | 41.8 | 40.1 | 38.3 | 39.0 | 40.1 | 39.7 |
| Int.Expense/Int. Earned | 60.7 | 58.2 | 57.9 | 61.2 | 67.0 | 64.7 | 63.2 | 61.2 | 59.6 | 63.9 |
| Cost to Net Int.Income | 46.4 | 47.0 | 45.5 | 54.0 | 49.7 | 47.7 | 46.1 | 48.7 | 48.5 | 48.0 |

E: MOSt Estimates; All quarters have been adjusted for reclassification of amortization on HTM

| Stock Info. | BLOOMBERG <br> BSE Sensex: 17,291 <br>  <br> KBL IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 5,021 | KNBK.BO |
| Equity Shares (m) | 121.3 |
| 52-Week Range | $229 / 104$ |
| 1,6,12 Rel. Perf. (\%) | $9 /-3 / 54$ |
| M.Cap. (Rs b) | 27.1 |
| M.Cap. (US\$ b) | 0.7 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 224 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | net income <br> (RS M) | $\begin{gathered} \text { PAT } \\ (\text { RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{aligned} & \text { P/E } \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | $\begin{aligned} & \text { CAR } \\ & (\%) \end{aligned}$ | roas (\%) | ROAA (\%) | P/ABV <br> RATIO |
| 3/07A | 5,941 | 1,770 | 14.6 | 0.5 | 15.3 | 2.2 | 11.5 | 15.1 | 1.1 | 2.3 |
| 3/08E | 6,970 | 2,327 | 19.2 | 31.4 | 11.7 | 1.9 | 11.0 | 17.5 | 1.3 | 2.0 |
| 3/09E | 7,967 | 2,702 | 22.3 | 16.1 | 10.0 | 1.7 | 11.5 | 17.7 | 1.3 | 1.8 |

2. We expect strong NII growth YoY on account of lower base and expect margins to slide down QoQ as the bank built up its deposits base. While yields on advances are likely to improve marginally, cost of funds would put pressure on margin.
\& The bank has shown robust growth in traditional fee income of $35 \%$ during FY07. Even during 1QFY08, fee income grew by $20 \%+$. We expect the bank to continue to maintain $20-25 \%$ growth in non treasury income going forward.

* There have been some issues with asset quality over the last couple of quarters. Gross as well as net NPAs in absolute numbers have increased in $4 \%$ and $9 \%$ QoQ in 1QFY08. Asset quality improvement would be a key area to watch out for, going forward.
\& Bank had a write back of investment provisions of Rs 230 m in 2QFY07, which boosted its earnings during that quarter. Thus, we expect earnings to decline YoY on account of high base effect, despite a strong operating performance growth.
\& Karnataka Bank is a play on improving key operating parameters and consolidation. The stock trades at 10x FY09E EPS and 1.7x FY09E BV. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Interest Income | 2,858 | 2,953 | 3,220 | 3,532 | 3,619 | 3,721 | 3,928 | 4,004 | 12,563 | 15,272 |
| Interest Expense | 1,904 | 2,047 | 2,170 | 2,243 | 2,375 | 2,517 | 2,647 | 2,682 | 8,364 | 10,221 |
| Net Interest Income | 953 | 906 | 1,050 | 1,289 | 1,244 | 1,203 | 1,281 | 1,322 | 4,199 | 5,051 |
| \% Change ( $Y-0-Y$ ) | 5.0 | 18.8 | 7.5 | 27.5 | 30.5 | 32.8 | 22.0 | 2.6 | 14.8 | 20.3 |
| Other Income | 449 | 487 | 397 | 410 | 418 | 450 | 500 | 551 | 1,743 | 1,919 |
| Net Income | 1,402 | 1,393 | 1,448 | 1,698 | 1,662 | 1,653 | 1,781 | 1,873 | 5,941 | 6,970 |
| \% Change ( $Y$-o-Y) | 1.2 | 14.7 | 7.7 | 22.8 | 18.5 | 18.7 | 23.1 | 10.3 | 11.5 | 17.3 |
| Operating Expenses | 520 | 653 | 553 | 650 | 623 | 620 | 640 | 765 | 2,376 | 2,648 |
| Operating Profit | 882 | 741 | 895 | 1,049 | 1,038 | 1,033 | 1,141 | 1,108 | 3,566 | 4,322 |
| Other Provisions | 331 | -163 | 62 | 608 | 246 | 200 | 200 | 254 | 838 | 900 |
| Tax Provisions | 183 | 308 | 294 | 173 | 275 | 267 | 301 | 252 | 957 | 1,095 |
| Net Profit | 368 | 596 | 539 | 268 | 518 | 567 | 640 | 602 | 1,770 | 2,327 |
| \% Change ( $Y$-o-Y) | -11.8 | 42.8 | 29.8 | -47.5 | 40.8 | -4.9 | 18.8 | 124.9 | 0.6 | 31.4 |
| Cost to Income Ratio (\%) | 37.1 | 46.8 | 38.2 | 38.3 | 37.5 | 37.5 | 35.9 | 40.8 | 40.0 | 38.0 |
| Interest Exp./Interest Income (\%) | 66.6 | 69.3 | 67.4 | 63.5 | 65.6 | 67.7 | 67.4 | 67.0 | 66.6 | 66.9 |
| Other Income/Net Income (\%) | 32.0 | 35.0 | 27.4 | 24.1 | 25.1 | 27.2 | 28.1 | 29.4 | 29.3 | 27.5 |

E: MOSt Estimates

# Oriental Bank of Commerce 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | OBC IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | ORBC.BO |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 242 |
| year | net income | E PAT | EPS | EPS | P/E | P/BV | CAR | E | ROAA | P/abv |
| end | (RS M) | (RS M) | (RS) | OWTH (\%) | (X) | (X) | (\%) | (\%) | (\%) | Ratio |
| 3/07A | 22,946 | 8,268 | 33.0 | 2.9 | 7.3 | 1.2 | 12.5 | 15.4 | 1.2 | 1.2 |
| 3/08E | 25,348 | 9,425 | 37.6 | 14.0 | 6.4 | 1.0 | 12.0 | 16.0 | 1.2 | 1.1 |
| 3/09E | 29,808 | 10,684 | 42.6 | 13.4 | 5.7 | 0.9 | 11.0 | 16.5 | 1.1 | 0.9 |

25 We expect margins to remain lower at $2.7 \%$ during 2QFY08 as credit growth remains subdued during 1 HFY08 and higher proportion of bulk deposits continues to keep cost of funds high.

* Bank has been shedding its high cost deposits and replacing them with retail term and savings deposits during past two quarters. The yields on advances are expected to improve marginally by $10-15$ bp during 2 QFY08 which we believe would enable the bank to sustain margins despite continued high cost of funds.
* Sustained growth in fee income and controlled operating costs would help the bank to show improved operating profit performance during 2QFY08.
\& OBC continues to enjoy robust asset quality with net NPAs at $0.65 \%$. Recoveries are expected to remain strong. Moreover, the bank has a pool of Rs 2 b of specific NPA provisions made in excess of the RBI requirement. It is likely that the bank will reverse these NPA provisions and deliver strong earnings growth during the year. We are not factoring this in our estimates.
* The stock trades at 5.7x FY09E EPS and 0.9x FY09E BV. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q* | 2 Q | 30 | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Interest Income | 11,353 | 12,822 | 13,137 | 14,336 | 15,341 | 16,413 | 16,816 | 17,648 | 51,649 | 66,218 |
| Interest Expense | 7,244 | 8,695 | 8,924 | 9,874 | 10,910 | 11,825 | 11,869 | 12,450 | 34,736 | 47,053 |
| Net Interest Income | 4,110 | 4,128 | 4,213 | 4,462 | 4,431 | 4,588 | 4,947 | 5,198 | 16,913 | 19,165 |
| \% Change (YOY) | 2.0 | 2.1 | 6.7 | 10.7 | 7.8 | 11.1 | 17.4 | 16.5 | 5.4 | 13.3 |
| Other Income | 1,687 | 1,579 | 1,330 | 1,437 | 1,462 | 1,700 | 1,500 | 1,521 | 6,033 | 6,183 |
| Net Income | 5,797 | 5,707 | 5,543 | 5,899 | 5,893 | 6,288 | 6,447 | 6,719 | 22,946 | 25,348 |
| \% Change (YoY) | 16.3 | -1.0 | 6.3 | 5.0 | 1.7 | 10.2 | 16.3 | 13.9 | 6.3 | 10.5 |
| Operating Expenses | 2,287 | 2,566 | 2,476 | 2,650 | 2,642 | 2,771 | 2,724 | 2,852 | 9,979 | 10,989 |
| Operating Profit | 3,510 | 3,141 | 3,067 | 3,249 | 3,251 | 3,517 | 3,723 | 3,868 | 12,967 | 14,359 |
| Provision \& Contingencies | 1,477 | -737 | 81 | 1,616 | 506 | 400 | 400 | 494 | 2,436 | 1,800 |
| PBT | 2,033 | 3,878 | 2,986 | 1,633 | 2,745 | 3,117 | 3,323 | 3,374 | 10,531 | 12,559 |
| Tax Provisions | 481 | 771 | 550 | 462 | 741 | 778 | 829 | 842 | 2,263 | 3,134 |
| Net Profit | 1,553 | 3,108 | 2,437 | 1,171 | 2,004 | 2,339 | 2,494 | 2,532 | 8,268 | 9,425 |
| \% Change (YOY) | 48.2 | 37.2 | 19.1 | -56.2 | 29.1 | -24.7 | 2.3 | 116.1 | 2.9 | 14.0 |
| Cost to Income Ratio (\%) | 39.4 | 43.4 | 44.7 | 44.9 | 44.8 | 44.1 | 42.3 | 42.4 | 43.5 | 43.4 |
| Int Exp/ Int Earned (\%) | 63.8 | 59.9 | 67.9 | 68.9 | 71.1 | 72.0 | 70.6 | 70.5 | 67.3 | 71.1 |
| Other Income / Net Income (\%) | 29.1 | 29.9 | 24.0 | 24.4 | 24.8 | 27.0 | 23.3 | 22.6 | 26.3 | 24.4 |

E: MOSt Estimates

# Punjab National Bank 

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 17,291 | PNB IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | PNB.BO |
| Equity Shares (m) | 315.3 |
| 52-Week Range | $594 / 300$ |
| 1,6, 12 Rel. Perf. (\%) | $0 /-17 /-37$ |
| M.Cap. (Rs b) | 171.1 |
| M.Cap. (US\$ b) | 4.3 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{array}{r} \text { Buy } \\ \text { Rs } 543 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR | NET INCOME | E PAT | EPS | EPS | P/E | P/BV | CAR | ROAE | ROAA | P/ABV |
| END | (RS M) | (RS M) |  | GROWTH (\%) | (X) | (X) | (\%) | (\%) | (\%) | RATIO |
| 3/07A | 65,569 | 15,401 | 48.8 | 7.0 | 11.1 | 1.7 | 12.3 | 16.0 | 1.0 | 1.8 |
| 3/08E | 72,364 | 18,257 | 57.9 | 18.5 | 9.4 | 1.5 | 11.4 | 16.9 | 1.0 | 1.6 |
| 3/09E | 85,679 | 21,600 | 68.5 | 18.4 | 7.9 | 1.3 | 11.0 | 17.5 | 1.1 | 1.4 |

* We expect margins to remain stable QoQ but down YoY on account of aggressive intake of high cost deposits during 4QFY07. While yields improvement would be marginal going forward, managing the rising cost of funds would be a major challenge for the bank.
* Thrust on growing fee income, robust technological support and widespread customer franchise would enable PNB to improve fee income by $\sim 20 \%$ in 2 QFY08.

2. Sharp deterioration in asset quality in last couple of quarters continues to be a concern. However, the management is confident of recovering the slippages and bringing down the NPA ratios. We expect earnings growth to remain muted on account of higher provisions towards NPAs.

* The stock trades at 7.9x FY09E EPS and 1.3x FY09E BV. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3Q | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Interest Income | 26,305 | 27,643 | 29,483 | 31,944 | 33,633 | 36,424 | 38,974 | 42,294 | 115,375 | 151,324 |
| Interest Expense | 13,476 | 14,015 | 15,024 | 17,714 | 19,850 | 21,835 | 23,582 | 24,783 | 60,229 | 90,050 |
| Net Interest Income | 12,829 | 13,628 | 14,459 | 14,230 | 13,782 | 14,589 | 15,392 | 17,511 | 55,146 | 61,274 |
| \% Change (YoY) | 17.9 | 14.4 | 19.7 | 20.6 | 7.4 | 7.1 | 6.5 | 23.1 | 18.2 | 11.1 |
| Other Income | -940 | 2,840 | 3,231 | 5,184 | -659 | 3,400 | 3,800 | 4,549 | 10,423 | 11,090 |
| Net Income | 11,888 | 16,468 | 17,689 | 19,414 | 13,124 | 17,989 | 19,192 | 22,060 | 65,569 | 72,364 |
| \% Change (YoY) | -11.4 | 9.6 | 21.8 | 21.2 | 10.4 | 9.2 | 8.5 | 13.6 | 11.2 | 10.4 |
| Operating Expenses | 6,969 | 7,580 | 8,123 | 10,591 | 8,770 | 9,033 | 9,304 | 9,477 | 33,262 | 36,583 |
| Operating Profit | 4,920 | 8,888 | 9,567 | 8,824 | 4,354 | 8,956 | 9,888 | 12,583 | 32,306 | 35,781 |
| Provision \& Contingencies | -216 | 1,018 | 3,577 | 6,127 | -1,905 | 2,500 | 3,800 | 5,305 | 10,615 | 9,700 |
| PBT | 5,135 | 7,870 | 5,990 | 2,697 | 6,259 | 6,456 | 6,088 | 7,278 | 21,691 | 26,081 |
| Tax Provisions | 1,460 | 2,820 | 1,691 | 320 | 2,009 | 1,808 | 1,800 | 2,208 | 6,291 | 7,824 |
| Net Profit | 3,675 | 5,050 | 4,299 | 2,377 | 4,251 | 4,648 | 4,288 | 5,070 | 15,401 | 18,257 |
| \% Change (YoY) | 2.6 | 19.7 | 16.0 | -17.7 | 15.7 | -8.0 | -0.3 | 113.3 | 7.0 | 18.5 |
| Cost to Income Ratio (\%) | 58.6 | 46.0 | 45.9 | 54.6 | 66.8 | 50.2 | 48.5 | 43.0 | 50.7 | 50.6 |
| Int exp/ Int Earned (\%) | 51.2 | 50.7 | 51.0 | 55.5 | 59.0 | 59.9 | 60.5 | 58.6 | 52.2 | 59.5 |
| Other Income / Net Income (\%) | -7.9 | 17.2 | 18.3 | 26.7 | -5.0 | 18.9 | 19.8 | 20.6 | 15.9 | 15.3 |

$\bar{E}$ : MOSt Estimates

## State Bank of India

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> SBIN IN |
| :--- | :--- |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | SBI.BO |
| Equity Shares (m) | 526.3 |
| 52-Week Range | $1,970 / 845$ |
| 1,6,12 Rel. Perf. (\%) | $10 / 66 / 50$ |
| M.Cap. (Rs b) | $1,026.7$ |
| M.Cap. (US\$ b) | 25.8 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 1,951 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | net income <br> (RS B) | $\begin{aligned} & \text { PAT } \\ & \text { (RS B) } \end{aligned}$ | $\begin{aligned} & \text { EPS } \\ & (\mathrm{RS}) \end{aligned}$ | $\underset{(\mathrm{RS})}{\mathrm{CON} . \operatorname{EPS}}$ | $\begin{aligned} & \text { con. } \\ & \text { PIE (X) } \end{aligned}$ | $\begin{aligned} & \text { PBVV } \\ & (x) \end{aligned}$ | $\begin{gathered} \text { con. } \\ \text { P/BV }(\mathrm{X}) \end{gathered}$ | $\begin{aligned} & \text { CAR } \\ & (\%) \end{aligned}$ | ROAE (\%) | ROAA (\%) |
| 3/07A | 218.2 | 45.4 | 86.3 | 120.9 | 16.1 | 3.3 | 2.4 | 12.3 | 15.4 | 0.9 |
| 3/08E | 244.6 | 52.1 | 99.0 | 140.5 | 13.9 | 2.9 | 2.1 | 11.0 | 15.6 | 0.8 |
| 3/09E | 287.0 | 61.6 | 117.0 | 168.5 | 11.6 | 2.5 | 1.8 | 10.2 | 16.2 | 0.8 |

Consolidated

* In comparison to 1 Q margins of $3.3 \%$, we expect some moderation, as deposit repricing in likely to be faster than asset yields repricing. The higher interest rates offered on term deposits would put upward pressure on the cost of funds. Advances growth for the bank is expected to be $\sim 25 \%$ Yo Y.
* We expect fee income growth to be maintained at $15-16 \%$, while treasury profits are expected to be Rs 2 b during 2QFY08.
* We expect strong growth in operating profits on account of steady growth in NII and further realization of operating leverage.
\& NPA provisions would be higher as SBI's net NPA ratio continues to be higher than the industry at $1.6 \%$ and it is experiencing higher slippages. We expect the bank to start providing for revised AS-15 at a run rate of Rs 2.2 b per quarter.

25 The stock trades at $11.6 x$ FY09E consolidated EPS and $1.8 x$ FY09E consolidated BV. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Interest Income | 88,572 | 93,775 | 97,359 | 115,415 | 113,865 | 116,142 | 123,111 | 147,577 | 394,910 | 500,696 |
| Interest Expenses | 49,466 | 54,788 | 57,846 | 72,213 | 68,891 | 70,958 | 75,215 | 96,932 | 234,368 | 311,996 |
| Net Interest Income | 39,106 | 38,987 | 39,513 | 43,201 | 44,974 | 45,184 | 47,896 | 50,645 | 160,542 | 188,699 |
| \% Change (Y-o-Y) | -8.1 | 8.1 | -6.4 | 21.5 | 15.0 | 15.9 | 21.2 | 17.2 | 3.0 | 17.5 |
| Other Income | 7,096 | 14,338 | 18,110 | 28,941 | 8,426 | 14,500 | 14,500 | 18,522 | 57,692 | 55,947 |
| Net Income | 46,202 | 53,324 | 57,623 | 72,142 | 53,400 | 59,684 | 62,396 | 69,167 | 218,235 | 244,647 |
| Operating Expenses | 28,146 | 28,599 | 29,074 | 32,460 | 29,785 | 30,028 | 32,563 | 36,539 | 118,235 | 128,915 |
| Operating Profit | 18,056 | 24,726 | 28,549 | 39,682 | 23,615 | 29,656 | 29,833 | 32,628 | 100,000 | 115,731 |
| \% Change ( $Y-0-Y$ ) | -47.5 | 24.7 | 9.8 | 34.0 | 30.8 | 19.9 | 4.5 | -17.8 | 21.2 | 15.7 |
| Other Provisions | 2,511 | 6,813 | 11,662 | 14,126 | 1,594 | 8,000 | 11,000 | 17,407 | 24,096 | 38,000 |
| Provision for Taxes | 7,559 | 6,067 | 6,237 | 10,626 | 7,763 | 7,580 | 6,403 | 3,906 | 30,490 | 25,651 |
| Net Profit | 7,986 | 11,845 | 10,650 | 14,930 | 14,258 | 14,076 | 12,430 | 11,316 | 45,413 | 52,080 |
| \% Change (Y-o-Y) | -34.7 | -2.5 | -4.5 | 75.0 | 78.5 | 18.8 | 16.7 | -24.2 | 3.1 | 14.7 |
| Cost to Income Ratio | 60.9 | 53.6 | 50.5 | 45.0 | 55.8 | 50.3 | 52.2 | 52.8 | 54.2 | 52.7 |
| Interest Exp / Interest Earned | 55.8 | 58.4 | 59.4 | 62.6 | 60.5 | 61.1 | 61.1 | 65.7 | 59.3 | 62.3 |
| Other Income / Net Income | 15.4 | 26.9 | 31.4 | 40.1 | 15.8 | 24.3 | 23.2 | 26.8 | 26.4 | 22.9 |

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

# Syndicate Bank 

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 17,291 | SNDB IN <br>  <br>  <br> REUTERS CODE |
| S\&P CNX: 5,021 | SBNK.BO |
| Equity Shares (m) | 522.0 |
| 52-Week Range | $94 / 57$ |
| 1,6,12 Rel. Perf. (\%) | $7 / 10 /-34$ |
| M.Cap. (Rs b) | 48.2 |
| M.Cap. (US\$ b) | 1.2 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{array}{r} \text { Buy } \\ \text { Rs } 92 \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net income | РАt | Eps | EPS | P/E | Pbiv | CA | roae | roas | P/abv |
| end | (RS M) | (RS M) | (RS) | GRowth (\%) | (x) | (X) | (\%) | (\%) | (\%) | ratio |
| 3/07A | 27,685 | 7,161 | 13.7 | 33.5 | 6.7 | 1.5 | 11.7 | 21.9 | 1.0 | 1.6 |
| 3/08E | 30,780 | 8,151 | 15.6 | 13.8 | 5.9 | 1.2 | 11.3 | 20.3 | 0.8 | 1.3 |
| 3/09E | 34,861 | 8,672 | 16.6 | 6.4 | 5.6 | 1.1 | 10.8 | 18.6 | 0.7 | 1.2 |

\& We expect NII to grow strong by $17 \%$ YoY on a lower base in 2QFY07. Margins would continue to be lower $\sim 2.8 \%$, though they would improve marginally QoQ. The higher bulk deposits intake during 4QFY07 continue to put cost pressure.

* We expect non interest income to remain flat due to lower treasury profits. Fee income growth continues to be slow.
* As the loan book has grown at very strong rate in past, we believe that the delinquency risks are higher and thus expect higher provisions.
\& The bank would come out of MAT during FY08 and thus tax provisions would tend to go up. We have assumed a $22 \%$ tax rate for 2QFY08.
\& The stock trades at 5.6x FY09E EPS and 1.1x FY09E BV. Valuations are attractive. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4Q | 10 | 2QE | 3QE | 4QE |  |  |
| Interest Income | 12,308 | 14,373 | 16,353 | 17,366 | 18,463 | 19,404 | 20,932 | 21,610 | 60,401 | 80,408 |
| Interest Expense | 7,249 | 9,527 | 10,794 | 11,330 | 12,993 | 13,719 | 14,571 | 14,753 | 38,900 | 56,037 |
| Net Interest Income | 5,059 | 4,846 | 5,559 | 6,037 | 5,470 | 5,684 | 6,360 | 6,857 | 21,501 | 24,371 |
| \% Change ( $Y$-o- $Y$ ) | 7.1 | 1.0 | 3.9 | 53.3 | 8.1 | 17.3 | 14.4 | 13.6 | 14.3 | 13.4 |
| Other Income | 1,262 | 1,656 | 1,490 | 1,938 | 1,531 | 1,600 | 1,600 | 1,678 | 6,185 | 6,409 |
| Net Income | 6,321 | 6,502 | 7,049 | 7,974 | 7,001 | 7,284 | 7,960 | 8,535 | 27,685 | 30,780 |
| \% Change ( $Y-0-Y$ ) | 4.6 | 7.0 | 8.0 | 35.3 | 10.7 | 12.0 | 12.9 | 7.0 | 13.3 | 11.2 |
| Operating Expenses | 3,382 | 3,471 | 3,768 | 3,239 | 3,855 | 3,818 | 4,070 | 3,986 | 13,860 | 15,730 |
| Operating Profit | 2,940 | 3,031 | 3,281 | 4,736 | 3,145 | 3,466 | 3,890 | 4,549 | 13,826 | 15,050 |
| Other Provisions | 884 | 730 | 1,478 | 3,617 | 482 | 700 | 1,000 | 2,419 | 6,547 | 4,600 |
| Tax Provisions | 250 | 250 | -458 | 76 | 453 | 609 | 636 | 601 | 118 | 2,299 |
| Net Profit | 1,806 | 2,051 | 2,261 | 1,043 | 2,210 | 2,158 | 2,255 | 1,529 | 7,161 | 8,151 |
| \% Change ( $Y$-o-Y) | 10.7 | 17.1 | 20.4 | 911.5 | 22.4 | 5.2 | -0.3 | 46.6 | 33.5 | 13.8 |
| Cost to Income Ratio (\%) | 53.5 | 53.4 | 53.5 | 40.6 | 55.1 | 52.4 | 51.1 | 46.7 | 50.1 | 51.1 |
| Interest Exp./Interest Income (\%) | 58.9 | 66.3 | 66.0 | 65.2 | 70.4 | 70.7 | 69.6 | 68.3 | 64.4 | 69.7 |
| Other Income/Net Income (\%) | 20.0 | 25.5 | 21.1 | 24.3 | 21.9 | 22.0 | 20.1 | 19.7 | 22.3 | 20.8 |

## E: MOSt Estimates

## Union Bank of India

| STOCK INFO. <br> BSE Sensex: 17,291 | bloomberg |
| :---: | :---: |
|  | UNBK IN |
|  | reuters code |
| S\&P CNX: 5,021 U | UNBK.BO |
| Equity Shares (m) | 505.1 |
| 52-Week Range | 168/84 |
| 1,6,12 Rel. Perf. (\%) | \%) 6/31/-22 |
| M.Cap. (Rs b) | 82.5 |
| M.Cap. (US\$ b) | 2.1 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 163 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 34,768 | 8,454 | 16.7 | 25.3 | 9.8 | 1.7 | 12.8 | 19.2 | 0.9 | 1.9 |
| 3/08E | 40,342 10, | 10,634 | 21.1 | 25.8 | 7.8 | 1.5 | 12.0 | 20.7 | 0.9 | 1.6 |
| 3/09E | 47,593 13 | 13,132 | 26.0 | 23.5 | 6.3 | 1.3 | 11.0 | 21.8 | 1.0 | 1.3 |

25 We expect margins to remain stable at around 3-3.05\% in 2QFY08 considering the modest asset growth and contained cost of funds.

* On account of higher base effect, asset growth would remain subdued at $15-16 \%$ in 2QFY08, while core deposits (CASA and retail term deposits) growth would remain strong at 20-25\%.

25 Core fee income is likely to continue to grow strongly at $25 \%+$ YoY in 2QFY08 on back of bank's increased thrust on marketing third party products and scaling up traditional non-fund based revenue.
$\approx$ Net NPAs have reduced to below $0.8 \%$ in 1QFY08. Management has a target to reduce this ratio to about $0.5 \%$ by FY08. Strong operating profit growth would enable the bank to make higher provisions for NPAs and still record strong earnings growth.
2. We expect earnings to grow $24 \%$ Yo Y in 2QFY08 on the back of strong NII growth of $25 \%$ coupled with robust fee income growth.

* The stock trades at 6.3x FY09E EPS and 1.3x FY09E BV. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY 08* |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3 Q | 4Q | 10 | 2QE | 3QE | 4QE |  |  |
| Interest Income | 16,657 | 17,724 | 18,492 | 20,949 | 21,112 | 22,484 | 23,608 | 25,380 | 73,822 | 92,583 |
| Interest Expense | 10,312 | 11,449 | 11,633 | 12,526 | 13,399 | 14,672 | 15,332 | 16,542 | 45,920 | 59,944 |
| Net Interest Income | 6,345 | 6,276 | 6,859 | 8,423 | 7,713 | 7,812 | 8,276 | 8,838 | 27,902 | 32,639 |
| \% Change ( $Y$-o-Y) | 18.7 | 4.2 | 7.3 | 40.9 | 21.6 | 24.5 | 20.7 | 4.9 | 17.5 | 17.0 |
| Other Income | 1,258 | 1,918 | 2,052 | 2,418 | 1,783 | 1,800 | 2,000 | 2,120 | 6,865 | 7,703 |
| Net Income | 7,602 | 8,193 | 8,911 | 10,841 | 9,496 | 9,612 | 10,276 | 10,958 | 34,768 | 40,342 |
| \% Change ( $Y$-o-Y) | 16.8 | 15.8 | 14.5 | 40.6 | 24.9 | 17.3 | 15.3 | 1.1 | 21.2 | 16.0 |
| Operating Expenses | 3,730 | 3,910 | 3,860 | 3,259 | 4,241 | 4,223 | 4,246 | 4,303 | 14,759 | 17,013 |
| Operating Profit | 3,872 | 4,283 | 5,051 | 7,582 | 5,255 | 5,389 | 6,030 | 6,655 | 20,008 | 23,329 |
| Other Provisions | 1,186 | 1,220 | 1,426 | 3,153 | 1,554 | 1,750 | 1,600 | 2,396 | 6,204 | 7,300 |
| Tax Provisions | 1,018 | 1,122 | 1,067 | 2,144 | 1,450 | 1,225 | 1,491 | 1,229 | 5,350 | 5,395 |
| Net Profit | 1,668 | 1,942 | 2,558 | 2,285 | 2,251 | 2,414 | 2,939 | 3,029 | 8,454 | 10,634 |
| \% Change ( $Y$-o-Y) | -30.6 | 217.8 | 11.7 | 58.0 | 34.9 | 24.3 | 14.9 | 32.5 | 25.3 | 25.8 |
| Cost to Income Ratio (\%) | 49.1 | 47.7 | 43.3 | 30.1 | 44.7 | 43.9 | 41.3 | 39.3 | 42.5 | 42.2 |
| Interest Exp./Interest Income (\%) | 61.9 | 64.6 | 62.9 | 59.8 | 63.5 | 65.3 | 64.9 | 65.2 | 62.2 | 64.7 |
| Other Income/Net Income (\%) | 16.5 | 23.4 | 23.0 | 22.3 | 18.8 | 18.7 | 19.5 | 19.3 | 19.7 | 19.1 |

$\overline{\text { E: MOSt Estimates; * HTM amortization is included in the Provisions in FY07 while in FY08 it is included in Other Income for quarterly results }}$

# Vijaya Bank 

| stock info. | bloomberg |
| :---: | :---: |
| BSE Sensex: 17,291 | VJYbK IN |
| S\&P CNX: 5,021 | reuters code VJBK.BO |
| Equity Shares (m) | 433.5 |
| 52-Week Range | 71/38 |
| 1,6,12 Rel. Perf. (\%) | \%) 16/38/-18 |
| M.Cap. (Rs b) | 30.4 |
| M.Cap. (US\$ b) | 0.8 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 70 |
| 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 | 13,467 | 3,313 | 7.6 | 161.1 | 9.2 | 1.6 | 11.2 | 18.6 | 0.9 | 1.7 |
| 3/08E | 14,808 | 3,829 | 8.8 | 15.6 | 7.9 | 1.4 | 11.0 | 18.9 | 0.8 | 1.5 |
| 3/09E | 16,440 | 4,142 | 9.6 | 8.2 | 7.3 | 1.3 | 10.5 | 18.2 | 0.7 | 1.4 |

\& We expect the bank to post a mere $6 \%$ YoY growth in NII to Rs 2.8 b as margins continue to be under pressure on account of high bulk deposits intake by the bank during FY07.

* Business growth would continue to be strong for the bank. Advances are expected to show $25 \%+$ YoY growth while deposits are likely to post $24-25 \%$ growth YoY.
\& The bank has one of the best asset qualities in the industry with gross NPA ratio at $2.2 \%$ and net NPAs below $0.5 \%$. We expect incremental NPA provisions to remain lower.

2 The stock trades at $7.3 x$ FY09E EPS and $1.3 x$ FY09E BV. Maintain Neutral.

| Quarterly performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08* |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4 Q | $1 Q$ | 2QE | 3QE | 4QE |  |  |
| Interest Income | 6,134 | 6,742 | 7,319 | 8,036 | 8,982 | 9,102 | 9,514 | 10,042 | 28,231 | 37,641 |
| Interest Expense | 3,551 | 4,144 | 4,669 | 5,148 | 6,346 | 6,340 | 6,443 | 6,541 | 17,512 | 25,671 |
| Net Interest Income | 2,583 | 2,598 | 2,650 | 2,888 | 2,636 | 2,761 | 3,071 | 3,501 | 10,719 | 11,970 |
| \% Change ( $Y-0-Y$ ) | 8.9 | 11.6 | 2.3 | 18.6 | 2.0 | 6.3 | 15.9 | 21.2 | 10.2 | 11.7 |
| Other Income | 866 | 718 | 730 | 846 | 685 | 650 | 700 | 803 | 2,748 | 2,838 |
| Net Income | 3,450 | 3,316 | 3,379 | 3,734 | 3,321 | 3,411 | 3,771 | 4,304 | 13,467 | 14,808 |
| \% Change ( $Y$-o- $Y$ ) | 1.5 | 1.4 | 1.7 | 15.9 | -3.7 | 2.9 | 11.6 | -0.8 | 7.2 | 10.0 |
| Operating Expenses | 1,498 | 1,550 | 1,657 | 1,802 | 1,609 | 1,705 | 1,790 | 2,018 | 6,507 | 7,122 |
| Operating Profit | 1,951 | 1,766 | 1,722 | 1,933 | 1,713 | 1,706 | 1,982 | 2,286 | 6,960 | 7,686 |
| Other Provisions | 1,105 | 475 | 535 | 1,779 | 349 | 450 | 750 | 1,351 | 3,483 | 2,900 |
| Tax Provisions | 120 | 268 | 260 | -483 | 250 | 200 | 246 | 187 | 164 | 957 |
| Net Profit | 726 | 1,023 | 927 | 637 | 1,114 | 1,056 | 985 | 748 | 3,313 | 3,829 |
| \% Change ( $Y$-o-Y) | 163.7 | 36.3 | 57.7 | NA | 53.3 | 3.2 | 6.2 | 17.5 | 161.1 | 15.6 |
| Cost to Income Ratio (\%) | 43.4 | 46.7 | 49.0 | 48.2 | 48.4 | 50.0 | 47.5 | 46.9 | 48.3 | 48.1 |
| Interest Exp./Interest Income (\%) | 57.9 | 61.5 | 63.8 | 64.1 | 70.7 | 69.7 | 67.7 | 65.1 | 62.0 | 68.2 |
| Other Income/Net Income (\%) | 25.1 | 21.7 | 21.6 | 22.6 | 20.6 | 19.1 | 18.6 | 18.7 | 20.4 | 19.2 |

$\overline{\text { E: MOSt Estimates; * HTM amortization is included in the Provisions in FY07 while in FY08 it is included in Other Income for quarterly results }}$

# Cement 

| COMPANY NAME | PG. <br> ACC |
| :--- | ---: |
| Ambuja Cement | 97 |
| Birla Corporation | 98 |
| Grasim Industries | 99 |
| India Cements | 100 |
| Shree Cement | 101 |
| UltraTech Cement | 102 |

## 2QFY08: Highlights

## YoY Comparative (v/s 2QFY07)

* Volumes expected to be higher by $12.6 \%$

Prices expected to be higher by $9.9 \%$

## QoQ Comparative (v/s 1QFY08)

\& Volumes expected to be lower by $4.8 \%$
\& Prices expected to be higher by $2.5 \%$

CEMENT INDUSTRY DYNAMICS: DEMAND AND PRICE


Source: CMA/MOSt
most CEment universe: 1QFY08 PERFORMANCE AT A GLANCE

|  |  |  |  | VOLUME (M TON $)$ |  | REALIZATION <br> YOY (\%) |
| :--- | ---: | ---: | ---: | ---: | :---: | :---: |
|  | 2QFY08 | 2QFY07 | GR. (\%) | 12.2 |  |  |
| ACC | 4.9 | 4.3 | 15.2 | 9.0 |  |  |
| Ambuja Cement | 3.9 | 3.7 | 5.1 | 10.7 |  |  |
| Grasim | 3.7 | 3.4 | 8.0 | 13.4 |  |  |
| Birla Corporation | 1.3 | 1.3 | 2.4 | 8.7 |  |  |
| Ultratech | 3.8 | 3.6 | 4.6 | 18.2 |  |  |
| India Cement | 2.3 | 1.9 | 23.7 | 6.1 |  |  |
| Shree Cement | 1.5 | 1.1 | 35.1 | 9.9 |  |  |
| Industry Average ${ }^{*}$ | 39.6 | 35.2 | 12.6 |  |  |  |
| * Adjusted for increase in excise |  |  | Source: CMA/Motilal Oswal Securities |  |  |  |


| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Reco | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) |
| Cement |  |  |  |  |  |  |  |
| ACC | Neutral | 17,443 | 28.5 | 5,186 | 41.7 | 3,271 | 45.1 |
| Ambuja Cements | Buy | 12,958 | 14.6 | 4,750 | 19.9 | 3,446 | 17.3 |
| Birla Corporation | Buy | 4,165 | 14.2 | 1,355 | 38.4 | 844 | 25.0 |
| Grasim Industries | Buy | 24,689 | 22.8 | 7,751 | 45.7 | 4,732 | 40.8 |
| India Cements | Buy | 7,538 | 46.0 | 2,957 | 71.4 | 1,858 | 48.9 |
| Shree Cement | Buy | 4,530 | 43.4 | 1,823 | 27.8 | 1,044 | 34.3 |
| UltraTech Cement | Buy | 11,833 | 17.8 | 3,629 | 42.6 | 1,972 | 54.8 |
| Sector Aggregate |  | 83,155 | 24.1 | 27,451 | 39.9 | 17,169 | 37.0 |

[^4]
## Pricing: Cement prices booming

## 2QFY08 highlights

* YoY Comparative: higher by $9.9 \%$
* QoQ Comparative: higher by $2.5 \%$

2QFY08: SUMMARY PRICING TREND

|  | PRICE CHANGE (\%)* |  |
| :--- | ---: | ---: |
|  | Yoy | QOQ |
| North | 5.0 | 0.4 |
| East | 10.8 | 0.3 |
| West | 10.1 | 1.8 |
| South | 12.2 | 6.5 |
| Central | 10.6 | 1.9 |
| National Average | 9.9 | $\mathbf{2 . 5}$ |

* adjusted for changes in prices for excise duty

Source: Industry/Motilal Oswal Securities



PRICE TREND - NORTH (RS/BAG)


PRICE TREND - WEST (RS/BAG)


PRICE TREND - CENTRAL (RS/BAG)


## Pricing flexibility to return earlier than expected

In the wake of higher inflation, the government has been closely monitoring cement prices and has taken several measures to control them. With inflation waning, we believe that the government would moderate its strict stance on the cement industry. Recently, the Minister of State for Commerce informed the Rajya Sabha that it would not administer cement prices and would rather focus on improving cement supply through imports.


We believe that there is strong likelihood of demand growth surpassing our estimates, in turn increasing longevity of the cement cycle.

THE GOVERNMENT HAS TAKEN SEVERAL INITIATIVES TO CONTROL CEMENT PRICES

| GOVERNMENT INITIATIVE | WHEN | REASONING | IMPACT | REMARK |
| :---: | :---: | :---: | :---: | :---: |
| Shift to ad-valorem rate of excise for cement priced at an MRP of over Rs190/bag | May '07 | Lower excise burden if MRP is below Rs250/bag, than the specific rate of Rs600/ton | Positive | es Reduces excise duty burden for cement priced at an MRP below Rs250/bag; however, MRP in most markets is in the range of Rs230-260/bag <br> 25 Favorable in times of declining cement prices, as impact would be diluted by lower excise burden |
| Exempting imported cement from CVD/SAD, if retail selling price is below Rs190/bag | Apr '07 | Lowering cost of imported cement by abolishing CVD (Rs408/ton) and SAD (4\%) for imported cement | Neutral | \& Reduces price of bagged imported cement by around Rs32/bag <br> $\&$ Negligible import yet due to regulatory and infrastructure constraints <br> \& Retail price of imported cement might exceed Rs 190/bag, thereby attracting CVD/SAD |
| Cap on cement prices for 1 year till February 2008 | Mar '07 | Restricts further increase in cement prices | Negative | $\&$ No price hikes, even for cost inflation, but benefits of any sop to be passed on <br> $\star$ Resultant prices in-line with our price assumptions <br> $\approx$ Validity of this agreement under cloud after exemption of CVD/SAD |
| Differential excise duty structure on cement, with excise of Rs600/ton for cement priced at an MRP of over Rs190/bag, else Rs350/ton | Feb '07 | Encourage lower prices by offering sops to lower cement prices | Negative | \& Increases excise duty by Rs200/ton, which is immediately passed on <br> $\&$ Reduces scope for increase in cement prices, as it narrows gap between domestic and imported cement <br> \& Price increase of Rs12/bag, to pass on higher excise, doesn't impact producer' s realizations |
| Abolishment of 12.5\% import duty on cement | Jan '07 | Lowering cost of imported cement by Rs 17-20/bag | Neutral | ```\(\approx\) Negligible import yet due to regulatory and infrastructure constraints \(\star\) Retail price of imported cement might exceed Rs 190/bag, thereby attracting CVD/SAD``` |

## 2QFY06: Firm cement prices despite the monsoons

Cement prices remained firm despite lower sequential demand on account of the monsoons. Cement volumes moved up by $12.8 \%$ YoY but declined $4.8 \%$ QoQ. High YoY volume growth also translated into $9.9 \%$ YoY or $2.5 \% \mathrm{QoQ}$ increase in realization, reflecting strong underlying demand-supply dynamics.


Source: CMA/Motilal Oswal Securities

## Highest capacity utilization during monsoon period

High growth in demand and limited capacity addition has resulted in continuously higher capacity utilization for industry. For 2QFY08 the cement industry's capacity utilization reached $92 \%$ versus $85 \%$ in 2QFY07. Capacity utilization for the industry is expected to remain high due to continued higher demand and low capacity addition.


Source: CMA/Motilal Oswal Securities

## Import threat unwarranted, likely a sentiment overhang

We believe that cement imports to India are not feasible, despite the government abolishing all import barriers; the government has allowed Minerals \& Metals Trading Corporation
(MMTC) to import cement without BIS approval. The biggest impediments to imports are logistical bottlenecks and port infrastructure. Import of cement from Pakistan can be either through rail or sea route, as it wouldn' $t$ be feasible to import by roadways given security concerns. With around $65 \%$ of cement capacity in North Pakistan, limited plants have access to the Karachi port. Infrastructural bottlenecks at Indian ports and higher economic order size ( $15,000-20,000$ tonne) makes it difficult to import cement by sea, single track railway line between India and Pakistan and higher turnaround time are hurdles for significant cement imports by rail.

Our interaction with Pakistan's cement manufacturers suggest that they would be looking at f.o.b. realizations of US\$65-70/tonne for exports to India, which is in line with the realizations they enjoy on exports to the Middle East. Further, cement prices in Pakistan have begun rising and are expected to rise further, driven by strong demand in the home market as well as in the Middle East. This, in turn, would reduce the attractiveness of exports to India. Further, our interaction with large domestic consumers suggested that pricing would not be the only key criteria for importing cement. Rather, the key determinant would be good quality, with assured supplies at favorable discount (15-20\%) to prevalent domestic prices. As a result, consumers are still evaluating feasibility of imported cement.

## Longer gestation, higher capital cost increase benchmark asset valuations

The cost of setting up a greenfield unit has gone up from US\$75/tonne to US\$100-110/ tonne, based on cost escalation in all key factors like land, plant and equipment etc. Also, considering higher gestation period of at least three years and the prevailing EBITDA of US\$25/tonne, effective opportunity cost for greenfield expansion increases to US\$175/ tonne. As a result, the effective benchmark asset valuation at which we expect buyers to emerge is US $\$ 150-175 /$ tonne. Recent open offer for Ambuja Cements by Holcim at US\$290/tonne (CY07E) and US\$225/tonne (CY09E - on fully expanded basis), vindicates increase in asset valuations.

BENCHMARK ASSET VALUATIONS GOING UP


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

We expect MOST cement universe to report around $11 \%$ volume growth, driven primarily by strong volume growth of $35 \%$ for Shree Cement, $24 \%$ for India Cement (due to Visaka Cements merger) and $15 \%$ for ACC. However, other cement companies under our coverage are expected to report muted volume growth, as they are operating at optimum capacity. Higher volumes, coupled with improvement in realizations ( $\sim$ Rs 324 YoY and Rs62 QoQ) would drive improvement in EBITDA of Rs 226/tonne to Rs 1,161/tonne.

|  | Volume (M TON) |  |  | REALIZATION (RS/TON) |  |  | EBITDA (RS/TON) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | SEP' 07 | Yoy | QOQ | SEP' 07 | Yoy | QOQ | SEP' 07 | Yoy | QOQ |
|  |  | (\%) | (\%) |  | (RS/T) | (RS/T) |  | (RS/T) | (RS/T) |
| ACC | 4.9 | 15.2 | -7.9 | 3,425 | 372 | 60 | 1,105 | 250 | 26 |
| Birla Corp | 1.3 | 2.4 | -0.1 | 2,972 | 351 | 0 | 1,072 | 235 | -83 |
| Grasim | 3.7 | 8.0 | -6.4 | 3,123 | 301 | 40 | 1,275 | 249 | 42 |
| Gujarat Ambuja | 3.9 | 5.1 | -12.3 | 3,366 | 277 | 30 | 1,234 | 126 | -31 |
| India Cement | 2.3 | 23.7 | 0.7 | 3,230 | 498 | 198 | 1,273 | 354 | 127 |
| Shree Cement | 1.5 | 35.1 | 6.4 | 3,020 | 174 | 0 | 1,215 | -70 | -78 |
| UltraTech | 3.8 | 4.6 | -15.3 | 3,025 | 242 | 60 | 961 | 256 | -11 |
| Sector Aggregate | 21.3 | 11.2 | -7.7 | 3,215 | 318 | 56 | 1,156 | 221 | 12 |

Overall, we expect our cement universe' s revenue to grow by $23.5 \%$ YoY, with EBITDA margin expanding by 390 bp to $34.7 \%$, translating into $36.6 \%$ YoY increase in PAT.

TREND IN KEY FINANCIAL PARAMETERS (APRIL - SEPTEMBER QUARTER)

|  | NET SALES (RS M) |  |  | EbITDA MARGIN (\%) |  |  | NET PROFIT (RS M) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | SEP' 07 | YoY | QOQ | SEP' 07 | Yoy | QOQ | SEP' 07 | Yoy | QOQ |
|  |  | (\%) | (\%) |  | (BP) | (BP) |  | (\%) | (\%) |
| ACC | 17,443 | 28.5 | -5.3 | 32.3 | 425 | 20 | 3,271 | 45.1 | -6.9 |
| Birla Corp | 4,165 | 14.2 | 1.8 | 32.5 | 569 | -260 | 844 | 25.0 | -13.4 |
| Grasim | 13,462 | 18.0 | -3.2 | 35.5 | 426 | 16 | 4,732 | 40.8 | -7.5 |
| Gujarat Ambuja | 12,958 | 14.6 | -11.5 | 36.7 | 163 | -125 | 3,446 | 17.3 | -14.6 |
| India Cement | 7,538 | 46.0 | 7.5 | 39.2 | 581 | 155 | 1,858 | 48.9 | 1.3 |
| Shree Cement | 4,530 | 43.4 | 6.4 | 40.2 | -492 | -258 | 1,044 | 34.3 | -10.7 |
| UltraTech | 11,833 | 17.8 | -13.3 | 30.7 | 533 | -109 | 1,972 | 54.8 | -24.0 |
| Sector Aggregate* | 71,928 | 23.3 | -5.3 | 34.6 | 377 | -37 | 12,437 | 35.7 | -11.9 |

## Upgrading earnings

We are upgrading our earnings estimates for the cement stocks under our coverage, boosted by increase in our cement price assumptions. We are now factoring in for Rs60/tonne (Rs 3/bag) price increase in each of the remaining three quarters of FY08, as against flat cement prices at 1QFY08 level earlier. Also, we are now as suming flat prices for FY09 over FY08 (average) level. Our earnings estimate stands increased by 1\%-13\% for FY08E and by $10 \%-26 \%$ for FY09E.

REVISED EPS FORECAST (RS)

|  | FY08E |  |  |  |  | FY09E |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | :---: |
|  | REV | OLD | CHG (\%) |  | REV | OLD | CHG (\%) |  |
| ACC | 76.8 | 75.0 | 2.5 |  | 84.6 | 70.2 | 20.5 |  |
| Ambuja Cement | 10.3 | 10.6 | -2.6 |  | 11.4 | 10.1 | 13.1 |  |
| Birla Corp | 52.0 | 51.5 | 1.0 |  | 55.7 | 48.5 | 14.9 |  |
| Grasim | 298.3 | 281.7 | 5.9 |  | 310.6 | 274.7 | 13.1 |  |
| India Cement | 26.2 | 23.1 | 13.2 |  | 27.9 | 22.2 | 25.7 |  |
| Kesoram Ind | 79.9 | 73.5 | 8.7 |  | 89.4 | 74.5 | 19.9 |  |
| Shree Cement | 138.3 | 137.1 | 0.9 |  | 168.4 | 153.6 | 9.7 |  |
| UltraTech | 87.9 | 81.0 | 8.6 |  | 106.4 | 85.6 | 24.3 |  |

## Valuation and view

High volume growth and limited capacity addition has improved the demand-supply scenario for industry significantly and as a result industry is going through a cyclical upturn which is likely to continue for a few more years. Our outlook for the sector remains positive on the back of two fundamentals: (1) expectation of demand growth at $10 \%$ CA GR over FY06FY09E; and (2) firm cement prices. As inflation numbers trend down due to base effect, the industry would enjoy better pricing flexibility based on demand-supply equilibrium. In large cap, Grasim remains our top pick, while we prefer Birla Corp and Kesoram 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 | 33 | 22 | 14 | -18 | 5 | -11 |
| Ambuja Cement | 15 | 25 | -4 | -15 | -13 | -9 |
| Birla Corporation | 26 | 0 | 7 | -40 | -2 | -34 |
| Grasim Industries | 34 | 42 | 15 | 2 | 6 | 9 |
| India Cement | 42 | 33 | 23 | -6 | 14 | 0 |
| Shree Cement | 19 | 51 | -1 | 11 | -10 | 17 |
| UltraTech Cement | 19 | 18 | 0 | -22 | -9 | -16 |

RELATIVE PERFORMANCE - 3 MONTH (\%)


RELATIVE PERFORMANCE - 1 YEAR (\%)



| STOCK INFO. <br> BSE Sensex: 17,291 | BLOOMBERG |
| :---: | :---: |
|  | A CC IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 A | A CC.BO |
| Equity Shares (m) | 187.8 |
| 52-Week Range | 1,216/680 |
| 1,6,12 Rel. Perf. (\%) | \%) 0/28/-18 |
| M.Cap. (Rs b) | 224.4 |
| M.Cap. (US\$ b) | 5.6 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  | Rs 1,195 |  |
| 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 | 57,170 | 11,017 | 58.6 | 159.8 | 20.4 | 7.1 | 35.1 | 31.3 | 3.9 | 13.7 |
| 12/07E | 71,994 | 14,441 | 76.8 | 31.1 | 15.5 | 5.3 | 34.2 | 38.7 | 3.0 | 9.9 |
| 12/08E | 80,749 | 15,896 | 84.6 | 10.1 | 14.1 | 4.2 | 29.7 | 35.4 | 2.6 | 8.7 |

* Fully Diluted EPS; \# CY05 EPS is annualised
\& Dispatches during 3QCY07 are expected to grow by $15 \%$ to 4.9 mt , on the low base of last year, aided by commissioning of new capacity. A verage realization at Rs $3,425 /$ tonne, is expected to be higher by $12 \% \mathrm{Yo} \mathrm{Y}(\sim 1.8 \% \mathrm{QoQ})$.
* Net sales are expected to grow $28.5 \%$ Yo Y to Rs 17.4 b, driven by significant improvement in realizations. Cement business EBITDA margins are expected to improve 430bp to $32.3 \%$. However, due to decline in RMC business margins, overall EBITDA margins are likely to improve 270 bp to $29.7 \%$. EBITDA is likely to move up $42 \%$ Yo Y to Rs 5.2 b , translating into PAT growth of $45 \%$ to Rs 3.27 b .
* We are revising our earnings estimate for CY07 by $2.5 \%$ to Rs 76.8 and for CY08 by $20.5 \%$ to Rs 84.6 , as a result of change in our cement pricing assumptions. Also, our price target is revised upward to Rs 1,108 ( $\sim 8 \mathrm{x}$ FY09E EV/ EBITDA).
\& Given its high operating leverage ( $\sim 2 \%$ change in CY08E EPS for every Re $1 /$ bag change in cement price) and largest capacity, ACC would be one of the biggest beneficiaries of the current upcycle in cement prices. However, valuations appear rich - 14.1x CY08E EPS and 8.7x CY08E EV/EBITDA. Maintain Neutral.

| QUARTERLY Performance (Standalone) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E DECEMBER | CY06 |  |  |  | CY07 |  |  |  | CYO6 | CY07E |
|  | 10 | 2 Q | 30 | 4Q | 10 | 2 Q | 3QE | 4QE |  |  |
| Cement Sales (m ton) | 5.05 | 4.63 | 4.27 | 4.85 | 4.93 | 5.34 | 4.92 | 5.49 | 18.9 | 20.7 |
| YoY Change (\%) | 12.5 | 5.0 | 8.4 | 6.1 | -2.4 | 15.3 | 15.2 | 13.3 | 9.1 | 9.7 |
| Cement Realization | 2,553 | 3,079 | 3,053 | 3,191 | 3,283 | 3,365 | 3,425 | 3,485 | 2,914 | 3,392 |
| YoY Change (\%) | 16.8 | 38.3 | 37.4 | 47.3 | 28.6 | 9.3 | 12.2 | 9.2 | 32.8 | 16.4 |
| QoQ Change (\%) | 17.9 | 20.6 | -0.8 | 4.5 | 2.9 | 2.5 | 1.8 | 1.8 |  |  |
| Net Sales | 13,364 | 14,317 | 13,577 | 15,923 | 16,348 | 18,427 | 17,443 | 19,777 | 57,170 | 71,994 |
| YoY Change (\%) | 20.3 | 30.5 | 37.1 | 46.0 | 22.3 | 28.7 | 28.5 | 24.2 | 34.9 | 25.9 |
| EBITDA | 3,266 | 4,690 | 3,660 | 4,685 | 5,071 | 5,444 | 5,186 | 6,534 | 16,232 | 22,236 |
| Margins (\%) | 24.4 | 32.8 | 27.0 | 29.4 | 31.0 | 29.5 | 29.7 | 33.0 | 28.4 | 30.9 |
| Depreciation | 597 | 582 | 585 | 771 | 621 | 633 | 650 | 717 | 2,543 | 2,621 |
| Interest | 194 | 147 | 144 | 41 | 40 | -23 | 43 | 46 | 520 | 106 |
| Other Income | 333 | 122 | 217 | 580 | 284 | 283 | 180 | 228 | 1,315 | 975 |
| PBT before EO Item | 2,809 | 4,082 | 3,148 | 4,453 | 4,694 | 5,116 | 4,673 | 6,000 | 14,484 | 20,483 |
| EO Income/(Expense) | 91 | 1,466 | 1 | 153 | 200 | 0 | 0 | 0 | 1,711 | 200 |
| PBT after EO Item | 2,900 | 5,548 | 3,149 | 4,606 | 4,894 | 5,116 | 4,673 | 6,000 | 16,195 | 20,683 |
| Tax | 545 | 1,416 | 894 | 1,021 | 1,256 | 1,604 | 1,402 | 1,839 | 3,877 | 6,101 |
| Rate (\%) | 18.8 | 25.5 | 28.4 | 22.2 | 25.7 | 31.3 | 30.0 | 30.7 | 23.9 | 29.5 |
| Reported PAT | 2,354 | 4,132 | 2,255 | 3,584 | 3,638 | 3,512 | 3,271 | 4,160 | 12,318 | 14,581 |
| Adjusted PAT | 2,280 | 3,040 | 2,254 | 3,466 | 3,489 | 3,512 | 3,271 | 4,160 | 11,017 | 14,441 |
| Margins (\%) | 17.1 | 21.2 | 16.6 | 21.8 | 21.3 | 19.1 | 18.8 | 21.0 | 19.3 | 20.1 |
| YoY Change (\%) | 37.8 | 124.4 | 164.7 | 280.4 | 53.0 | 15.5 | 45.1 | 20.0 | 161.8 | 31.1 |

E: MOSt Estimates; Note: The quarterly results are not strictly comparable due to amalgamation of Tarmac (I) Ltd.
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# Ambuja Cement 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | ACEM IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | GACM.BO |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{array}{r} \text { Buy } \\ \text { Rs } 144 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR <br> END | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ (\text { RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{gathered} \mathrm{P} / \mathrm{E} \\ (\mathrm{X} \end{gathered}$ | $\begin{gathered} \mathrm{P} / \mathrm{BV} \\ (\mathrm{X}) \end{gathered}$ | ROE <br> (\%) | ROCE <br> (\%) | EV/ SALES | EV/ EBITDA |
| 12/06A | 48,479 | 13,401 | 8.8 | 114.7 | 16.3 | 6.3 | 47.4 | 43.3 | 4.2 | 11.6 |
| 12/07E | 57,481 | 15,670 | 10.3 | 16.6 | 14.0 | 4.3 | 36.4 | 41.7 | 3.5 | 9.2 |
| 12/08E | 64,524 | 17,313 | 11.4 | 10.5 | 12.6 | 3.4 | 29.9 | 37.0 | 3.0 | 7.7 |

25 A mbuja Cement's 3QCY07 results are not comparable with the previous year due to merger of Ambuja Cements Eastern Ltd. All growth numbers are approximate.
25 Ambuja Cement's 3QCY07 sales are expected to be at Rs 13 b (up $\sim 14.6 \%$ YoY). Dispatches are expected to be 3.85 mt (growth of $\sim 5.1 \% \mathrm{Yo}$ ), whereas average realizations are expected to be at Rs $3,366 /$ ton (up $\sim 9 \% \mathrm{YoY}$ and $0.9 \%$ QoQ). A mbuja's volume growth would have been higher, but for disruption in operations due to flood at its Gujarat plant ( $\sim 28 \%$ of total capacity). EBITDA marg in is expected to expand 170 bp YoY to $36.7 \%$, driven by higher realizations, translating into EBITDA of Rs 4.75 b ( $\sim 20 \%$ growth) and PAT of Rs 3.5 b ( $\sim 17 \%$ growth).
2. Holcim has further acquired 3.94\% stake in Ambuja Cements from the original promoter group at Rs $154 /$ share. With this acquisition, Holcim has crossed the $5 \%$ p.a. limit for creeping acquisition, thereby triggering a mandatory open offer for $20 \%$ stake. Consequently, Holcim is making an open offer for $20 \%$ stake at Rs $154 /$ share.
e We expect earnings to grow $17 \%$ in CY07. Considering its reasonable valuation of $12.6 x$ CY08E earnings and 7.7 x CY08E EV/EBITDA, we maintain Buy with revised target price of Rs 148 ( $\sim 8 \mathrm{x}$ CY08E EV/EBITDA).

QUARTERLY PERFORMANCE (STANDALONE)

| Y/E december | CY06 |  |  |  | CY07 |  |  |  | CY06 | CY07E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1Q | 2 Q | 3Q | $4 Q^{\wedge}$ | 1 Q | 2 Q | 3QE | 4QE |  |  |
| Sales Volume (m ton) | 4.18 | 4.32 | 3.66 | 4.12 | 4.34 | 4.39 | 3.85 | 4.55 | 16.30 | 17.13 |
| YoY Change (\%) | NA | NA | NA | NA | 3.8 | 1.7 | 5.1 | 10.4 | NA | 138.4 |
| Realization (Rs/ton) | 2,569 | 3,043 | 3,089 | 3,226 | 3,304 | 3,336 | 3,366 | 3,416 | 2,974 | 3,356 |
| YoY Change (\%) | $N A$ | NA | NA | $N A$ | 28.6 | 9.6 | 9.0 | 5.9 | $N A$ | 74.0 |
| QoQ Change (\%) | $N A$ | NA | 1.5 | 4.4 | 2.4 | 1.0 | 0.9 | 1.5 |  | 64.0 |
| Net Sales | 10,740 | 13,137 | 11,310 | 13,291 | 14,338 | 14,644 | 12,958 | 15,541 | 48,479 | 57,481 |
| YoY Change (\%) | NA | NA | NA | NA | 33.5 | 11.5 | 14.6 | 16.9 | 24.0 | 315.3 |
| EBITDA | 3,700 | 5,156 | 3,962 | 4,791 | 5,631 | 5,551 | 4,750 | 6,206 | 17,608 | 22,137 |
| Margins (\%) | 34.4 | 39.2 | 35.0 | 36.0 | 39.3 | 37.9 | 36.7 | 39.9 | 36.3 | 38.5 |
| Depreciation | 566 | 564 | 432 | 572 | 598 | 583 | 620 | 670 | 2,269 | 2,471 |
| Interest | 110 | 129 | 74 | 45 | 18 | -211 | 10 | 15 | 377 | -168 |
| Other Income | 213 | -68 | 294 | 403 | 257 | 487 | 330 | 327 | 1,199 | 1,450 |
| PBT before EO Item | 3,236 | 4,395 | 3,749 | 4,576 | 5,271 | 5,665 | 4,450 | 5,848 | 16,160 | 21,284 |
| Extraordinary Inc/(Exp) | 358 | 0 | 0 | 0 | 2,408 | 5,649 | 0 | 0 | 0 | 8,057 |
| PBT after EO Exp/(Inc) | 3,594 | 4,395 | 3,749 | 4,576 | 7,679 | 11,314 | 4,450 | 5,848 | 16,160 | 29,341 |
| Tax | -534 | 1,120 | 812 | 1,199 | 1,772 | 2,537 | 1,004 | 1,308 | 2,760 | 6,621 |
| Rate (\%) | -14.9 | 25.5 | 21.6 | 26.2 | 23.1 | 22.4 | 22.6 | 22.4 | 17.1 | 22.6 |
| Reported Profit | 4,128 | 3,275 | 2,938 | 3,378 | 5,907 | 8,778 | 3,446 | 4,540 | 13,401 | 22,720 |
| Adj PAT | 2,683 | 3,275 | 2,938 | 3,378 | 3,801 | 4,036 | 3,446 | 4,540 | 13,401 | 15,670 |
| YoY Change (\%) | NA | NA | NA | NA | 41.7 | 23.2 | 17.3 | 34.4 | NA | 132.4 |

E: MOSt Estimates; ^Proforma results
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# Birla Corporation 

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> BJUT IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 5,021 | BRLC.BO |
| Equity Shares (m) | 77.0 |
| 52-Week Range | $375 / 180$ |
| 1,6,12 Rel. Perf. (\%) | $5 / 50 /-40$ |
| M.Cap. (Rs b) | 25.9 |
| M.Cap. (US\$ b) | 0.7 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 337 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 15,669 | 3,262 | 42.4 | 37.9 | 7.9 | 3.9 | 49.0 | 46.9 | 1.5 | 4.9 |
| 3/08E | 17,411 | 4,005 | 52.0 | 22.8 | 6.5 | 2.6 | 39.9 | 37.8 | 1.3 | 3.7 |
| 3/09E | 19,308 | 4,288 | 55.7 | 7.1 | 6.0 | 1.9 | 31.4 | 33.1 | 1.0 | 2.9 |

\& During 2QFY08, Birla Corp's revenues are expected to grow $14 \%$ Yo Y to Rs 4.1 . Revenue growth will be driven by higher realizations in the cement division. Cement realizations are likely to be up by $13 \% \mathrm{YoY}$ (flat QoQ) to Rs $2,972 /$ tonne, however sales volume will be muted at 1.28 mt , growth of $2.4 \%$ Yo Y.
\& Higher realizations will result in EBITDA margins expanding by 570bp YoY to $32.5 \%$, translating into EBITDA growth of $38 \%$. However, higher interest cost (up $100 \%$ ) and higher tax provisioning (at $32.5 \%$ of PBT v/s $25.3 \%$ in 2QFY07) restrict PAT growth at $25 \%$ to Rs 844 m .
\& We are revising our earnings estimate for FY08 by $1 \%$ to Rs 52 and FY09 by $15 \%$ to Rs55.7, as a result of change in our cement pricing as sumptions. Also, our price target is revised upward to Rs 483 ( $\sim 5 \mathrm{x}$ FY09E EV/EBITDA).
\& At current prices, the stock is trading at 6x FY09E EPS and 2.9x FY09E EV/EBITDA. Its EV/tonne (at 7.5 mt capacity) works out to US $\$ 66 /$ tonne, which is at a discount to comparable peers. We believe the discount is not justified and valuations, based on earnings as well as replacement cost, are compelling. Maintain Buy.

| Quarterly performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4Q | 10 | 2QE | 3QE | 4QE |  |  |
| Cement Sales (m ton) | 1.25 | 1.25 | 1.32 | 1.42 | 1.28 | 1.28 | 1.34 | 1.40 | 5.23 | 5.30 |
| YoY Change (\%) | -2.0 | 6.1 | 4.9 | -5.4 | 2.9 | 2.4 | 1.6 | -1.4 | 0.5 | 1.3 |
| Cement Realization | 2,568 | 2,621 | 2,795 | 2,923 | 2,972 | 2,972 | 3,022 | 3,072 | 2,734 | 3,011 |
| YoY Change (\%) | 28.8 | 36.0 | 44.2 | 25.7 | 15.8 | 13.4 | 8.1 | 5.1 | 32.7 | 10.1 |
| QoQ Change (\%) | 10.5 | 2.1 | 6.6 | 4.6 | 1.7 | 0.0 | 1.7 | 1.7 |  |  |
| Net Sales | 3,489 | 3,647 | 4,093 | 4,441 | 4,093 | 4,165 | 4,410 | 4,744 | 15,669 | 17,411 |
| YoY Change (\%) | 25.0 | 39.9 | 45.4 | 12.7 | 17.3 | 14.2 | 7.8 | 6.8 | 28.9 | 11.1 |
| Total Expenditure | 2,462 | 2,668 | 2,689 | 2,917 | 2,655 | 2,810 | 2,797 | 2,922 | 10,735 | 11,184 |
| EBITDA | 1,027 | 979 | 1,404 | 1,524 | 1,438 | 1,355 | 1,613 | 1,821 | 4,934 | 6,227 |
| Margins (\%) | 29.4 | 26.8 | 34.3 | 34.3 | 35.1 | 32.5 | 36.6 | 38.4 | 31.5 | 35.8 |
| Depreciation | 97 | 96 | 96 | 108 | 103 | 112 | 115 | 125 | 397 | 455 |
| Interest | 43 | 31 | 35 | 76 | 50 | 62 | 64 | 66 | 185 | 242 |
| Other Income | 39 | 53 | 55 | 119 | 88 | 70 | 80 | 93 | 265 | 330 |
| Profit before Tax | 927 | 905 | 1,328 | 1,458 | 1,372 | 1,251 | 1,514 | 1,722 | 4,617 | 5,859 |
| Tax | 303 | 229 | 377 | 446 | 398 | 406 | 492 | 558 | 1,355 | 1,854 |
| Rate (\%) | 32.7 | 25.3 | 28.4 | 30.6 | 29.0 | 32.5 | 32.5 | 32.4 | 29.3 | 31.7 |
| Adjusted PAT | 624 | 675 | 951 | 1,012 | 975 | 844 | 1,022 | 1,164 | 3,262 | 4,005 |
| Margins (\%) | 17.9 | 18.5 | 23.2 | 22.8 | 23.8 | 20.3 | 23.2 | 24.5 | 20.8 | 23.0 |
| YoY Change (\%) | 168.3 | 271.9 | 452.5 | 50.7 | 56.3 | 25.0 | 7.4 | 15.0 | 37.9 | 22.8 |

E: MOSt Estimates
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| STOCK INFO. B | bloomberg |
| :---: | :---: |
| BSE Sensex: 17,291 G | GRASIM IN |
|  | reuters code |
| S\&P CNX: 5,021 G | GRAS.BO |
| Equity Shares (m) | 91.7 |
| 52-Week Range | 3,552/1,927 |
| 1,6,12 Rel. Perf. (\%) | \%) 7/36/2 |
| M.Cap. (Rs b) | 322.1 |
| M.Cap. (US\$ b) | 8.1 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 140,952 | 19,683 | 214.7 | 90.1 | 16.4 | 4.9 | 29.6 | 32.0 | 2.8 | 10.0 |
| 3/08E | 167,200 | 27,355 | 298.3 | 39.0 | 11.8 | 3.6 | 30.2 | 34.8 | 2.4 | 7.4 |
| 3/09E | 190,121 | 28,481 | 310.6 | 4.1 | 11.3 | 2.8 | 24.6 | 36.0 | 2.1 | 6.5 |

* Grasim (standalone) is expected to post sales growth of $23 \%$ YoY to Rs 24.7 b in 2QFY08. Strong performance of cement and VSF division will drive Grasim's overall operating performance. Margins should expand 490bp to 31.4\%, translating into PAT growth of $40.8 \%$ to Rs 4.7 b .
\& The cement volumes are expected to grow by $8 \%$ YoY to 3.7 mt , boosted by higher blending. With realizations expected to improve by $10.7 \%$ YoY to Rs $3,123 /$ tonne, the cement division's operating margins are expected to expand 430bp YoY to $35.5 \%$.
e VSF volumes are likely to increase by $9.3 \%$ Yo Y and realizations are likely to move up by $17 \%$ YoY to Rs 97,500 / tonne, resulting in VSF operating margin improvement of 490bp YoY to $36 \%$.
\& While chemical business is expected to grow ( $\sim 46 \%$ volume growth and 18pp expansion in marg ins to $30.4 \%$ ) on the low base of last year, which was impacted by breakdown of captive power plant, sponge iron is expected to continue to benefit from higher scrap prices ( $\sim 11.3 \%$ YoY higher realizations and 220bp expansion in margins to $6 \%$ ).
* With two core business (cement and VSF) witnessing strong business upcycle, valuations at 11.3 x PER FY09E and 6.5x FY09E EV/EBITDA (consolidated) appear reasonable. Maintain Buy on the stock, with revised target price of Rs 3,995 (SOTP based).

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 18,917 | 20,108 | 22,794 | 24,938 | 24,448 | 24,689 | 25,620 | 27,704 | 86,757 | 102,461 |
| YoY Change (\%) | 21.8 | 21.9 | 38.3 | 36.3 | 29.2 | 22.8 | 12.4 | 11.1 | 29.4 | 18.1 |
| EBITDA | 5,135 | 5,322 | 6,661 | 6,942 | 7,921 | 7,751 | 8,487 | 9,196 | 24,094 | 33,356 |
| Margins (\%) | 27.1 | 26.5 | 29.2 | 27.8 | 32.4 | 31.4 | 33.1 | 33.2 | 27.8 | 32.6 |
| Depreciation | 741 | 756 | 807 | 876 | 850 | 910 | 915 | 1,034 | 3,179 | 3,709 |
| Interest | 238 | 241 | 240 | 366 | 285 | 300 | 320 | 468 | 1,118 | 1,373 |
| Other Income | 375 | 502 | 444 | 776 | 677 | 450 | 425 | 463 | 2,097 | 2,015 |
| PBT before EO Items | 4,532 | 4,827 | 6,058 | 6,476 | 7,464 | 6,991 | 7,677 | 8,157 | 21,893 | 30,289 |
| Extraordinary Inc/(Exp) | 0 | 0 | 0 | 371 | 0 | 0 | 0 | 0 | 371 | 0 |
| PBT after EO Items | 4,532 | 4,827 | 6,058 | 6,847 | 7,464 | 6,991 | 7,677 | 8,157 | 22,264 | 30,289 |
| Tax | 1,413 | 1,467 | 1,942 | 2,102 | 2,347 | 2,259 | 2,481 | 2,701 | 6,906 | 9,788 |
| Rate (\%) | 31.2 | 30.4 | 32.1 | 30.7 | 31.4 | 32.3 | 32.3 | 33.1 | 31.0 | 32.3 |
| Reported PAT | 3,119 | 3,360 | 4,116 | 4,745 | 5,117 | 4,732 | 5,196 | 5,456 | 15,358 | 20,501 |
| Adj. PAT | 3,119 | 3,360 | 4,116 | 4,488 | 5,117 | 4,732 | 5,196 | 5,456 | 15,102 | 20,501 |
| YoY Change (\%) | 51.7 | 79.1 | 154.3 | 72.7 | 64.0 | 40.8 | 26.2 | 21.6 | 73.1 | 35.7 |

E: MOSt Estimates; Quarterly results do not add-up to full year results due to restatement

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | ICEM IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | ICMN.BO |


| Equity Shares (m) | 260.4 |
| :--- | ---: |
| 52-Week Range | $299 / 145$ |
| 1,6,12 Rel. Perf. (\%) | $4 / 49 /-6$ |
| M.Cap. (Rs b) | 76.1 |
| M.Cap. (US\$ b) | 1.9 |

28 September 2007 Buy

| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs 292 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 22,552 | 4,788 | 17.6 | 896.5 | 16.6 | 5.7 | 44.1 | 22.4 | 4.4 | 13.5 |
| 3/08E | 30,873 | 7,101 | 26.2 | 48.3 | 11.2 | 3.8 | 42.4 | 29.4 | 3.2 | 8.3 |
| 3/09E | 37,116 | 7,567 | 27.9 | 6.6 | 10.5 | 2.8 | 32.0 | 29.6 | 2.6 | 6.9 |

\& India Cement's 2QFY08 results are not on like-to-like basis due to merger of Visaka Cements. India Cement (incl. Visaka) is expected to report $46 \%$ Yo Y sales growth to Rs 7.5 b , driven by $18 \%$ Yo Y ( $6.5 \%$ QoQ) higher realizations to Rs $3,230 /$ tonne and volume growth of $23.7 \%$ to 2.32 mt .
\& Higher realization would translate to EBITDA margin expansion of 580bp YoY to $39.2 \%$, resulting in EBITDA being higher by $71 \%$ YoY to Rs 3b. However, higher tax provisioning (at $22 \%$ of PBT v/s no tax in 2QFY07) would restrict PAT growth to $49 \%$ at Rs 1.86 b .
\& We are revising our earnings estimate for FY08 by $13 \%$ to Rs 26 and for FY09 by $25.7 \%$ to Rs 27.9 , as a result of change in our cement pricing assumptions. Also, our price target is revised upward to Rs 338 ( $\sim 7 \mathrm{x}$ FY09E EV/ EBITDA).

* Given its high leverage and relatively low cost timely capacity additions, ICL would be one of the biggest beneficiaries of any further price increase in southern India. Current valuations appear attractive at $10.5 x$ FY09E EPS and $6.9 x$ FY09E EV/EBITDA. Maintain Buy.

| Quarterly performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 * |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3Q | 4 Q | 1Q | 2QE | 3QE | 4 QE |  |  |
| Sales Dispatches (m ton) | 1.85 | 1.88 | 1.74 | 2.08 | 2.31 | 2.32 | 2.33 | 2.58 | 7.55 | 9.54 |
| YoY Change (\%) | -2.6 | -1.6 | 3.2 | 4.8 | 24.5 | 23.7 | 34.2 | 24.1 | 1.0 | 448.8 |
| Realization (Rs/ton) | 2,606 | 2,733 | 2,716 | 2,771 | 3,033 | 3,230 | 3,290 | 3,350 | 2,704 | 3,230 |
| YoY Change (\%) | 30.1 | 33.2 | 31.9 | 29.9 | 16.4 | 18.2 | 21.2 | 20.9 | 31.0 | 18.9 |
| QoQ Change (\%) | 22.2 | 4.9 | -0.6 | 2.0 | 9.5 | 6.5 | 1.9 | 1.8 | 31.0 | 19.5 |
| Net Sales | 4,852 | 5,164 | 4,724 | 5,758 | 7,012 | 7,538 | 7,678 | 8,646 | 20,497 | 30,873 |
| YoY Change (\%) | 27.4 | 31.9 | 36.3 | 36.2 | 44.5 | 46.0 | 62.5 | 50.2 | 32.9 | 50.6 |
| Total Expenditure | 3,197 | 3,438 | 3,394 | 3,852 | 4,369 | 4,580 | 4,859 | 5,186 | 13,880 | 18,995 |
| EBITDA | 1,655 | 1,726 | 1,331 | 1,906 | 2,643 | 2,957 | 2,819 | 3,459 | 6,617 | 11,879 |
| Margins (\%) | 34.1 | 33.4 | 28.2 | 33.1 | 37.7 | 39.2 | 36.7 | 40.0 | 32.3 | 38.5 |
| Depreciation | 192 | 193 | 198 | 194 | 275 | 280 | 350 | 409 | 777 | 1,314 |
| Interest | 389 | 364 | 347 | 331 | 314 | 330 | 345 | 377 | 1,430 | 1,366 |
| Other Income | 54 | 83 | 17 | 22 | 97 | 35 | 20 | 23 | 102 | 175 |
| PBT | 1,129 | 1,252 | 803 | 1,403 | 2,151 | 2,382 | 2,144 | 2,696 | 4,512 | 9,374 |
| Tax | 3 | 4 | 5 | 5 | 17 | 500 | 622 | 32 | 17 | 1,172 |
| Deferred Tax | 0 | 0 | 0 | 0 | 300 | 24 | 21 | 756 | 0 | 1,101 |
| Rate (\%) | 0.2 | 0.3 | 0.6 | 0.4 | 14.8 | 22.0 | 30.0 | 29.2 | 0.4 | 24.3 |
| Reported PAT | 1,126 | 1,248 | 798 | 1,398 | 1,834 | 1,858 | 1,501 | 1,908 | 4,495 | 7,101 |
| Adj PAT | 1,126 | 1,248 | 798 | 1,398 | 1,834 | 1,858 | 1,501 | 1,908 | 4,495 | 7,101 |
| YoY Change (\%) | 1,018.1 | 2,033.2 | 4,407.3 | 417.2 | 62.9 | 48.9 | 88.1 | 36.4 | 891.8 | 58.0 |
| Margins (\%) | 23.2 | 24.2 | 16.9 | 24.3 | 26.2 | 24.7 | 19.5 | 22.1 | 21.9 | 23.0 |

E: MOSt Estimates; * Excluding Visaka merger

# Shree Cement 

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 17,291 | SRCM IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | SHCM.BO |


| 28 September 2007 Buy |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs 1,522 |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{aligned} & \text { PAT } \\ & \text { (RS M) } \end{aligned}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | EPS GROWTH (\%) | $\begin{aligned} & \text { P/E } \\ & (X) \end{aligned}$ | $\begin{gathered} \mathrm{P} / \mathrm{BV} \mathrm{C} \\ (\mathrm{X}) \end{gathered}$ | ROE <br> (\%) | ROCE <br> (\%) | EV/ SALES | EV/ <br> EBITDA |
| 3/07A | 13,680 | 1,588 | 45.6 | 898.7 | 33.4 | 11.7 | 42.3 | 17.6 | 4.3 | 9.9 |
| 3/08E | 20,526 | 4,817 | 138.3 | 203.3 | 11.0 | 5.9 | 70.9 | 44.5 | 2.6 | 6.2 |
| 3/09E | 25,658 | 5,867 | 168.4 | 21.8 | 9.0 | 3.6 | 49.7 | 43.9 | 1.8 | 4.4 |

* Sales in 2QFY08 are expected to grow $43 \%$ Yo Y to Rs 4.5 b driven by volume growth of $35 \%$ Yo Y to 1.5 mt (boosted by new capacity), while realizations are expected to remain flat at Rs $3,020 /$ tonne.

2. Flat realizations, along with higher cost would translate to a decline in EBITDA margin by 500 bp YoY to $40.2 \%$. However, higher depreciation (by $18 \%$ due to new plant) and higher interest (by $30 \%$ ) would restrict PAT growth to $34 \%$ to Rs 1 b .

25 Shree Cement's new 2mt grinding unit and 1 mt clinker unit has commenced operations in September 2007.

* We are revising our earnings estimate for FY09 by $9.8 \%$ to Rs 168.4 , as a result of a change in our cement pricing assumptions. Also, our price target is revised upward to Rs2,023 (~6x FY09E EV/EBITDA). The stock is trading at very attractive valuations of 9x FY09E EPS and 4.4x FY09E EV/EBITDA. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 30 | 4Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Sales Dispatches (m ton) | 1.16 | 1.11 | 1.30 | 1.28 | 1.41 | 1.50 | 1.75 | 2.04 | 4.94 | 6.70 |
| YoY Change (\%) | 58.5 | 44.2 | 81.1 | 32.5 | 21.9 | 35.1 | 35.1 | 59.9 | 50.9 | 35.5 |
| Realization (Rs/ton) | 2,665 | 2,846 | 2,815 | 2,964 | 3,020 | 3,020 | 3,070 | 3,120 | 2,767 | 3,064 |
| QoQ Change (\%) | 13.2 | 6.8 | -1.1 | 5.3 | 1.9 | 0.0 | 1.7 | 1.6 |  | -7.3 |
| Net Sales | 3,083 | 3,160 | 3,645 | 3,783 | 4,258 | 4,530 | 5,373 | 6,365 | 13,680 | 20,526 |
| YoY Change (\%) | 116.3 | 103.3 | 152.7 | 66.9 | 38.1 | 43.4 | 47.4 | 68.3 | 104.4 | 50.0 |
| EBITDA | 1,375 | 1,427 | 1,601 | 1,513 | 1,823 | 1,823 | 2,291 | 2,778 | 5,922 | 8,715 |
| Margins (\%) | 44.6 | 45.2 | 43.9 | 40.0 | 42.8 | 40.2 | 42.6 | 43.6 | 43.3 | 42.5 |
| Depreciation | 263 | 338 | 263 | 1,547 | 358 | 400 | 550 | 937 | 4,331 | 2,245 |
| Interest | 54 | 27 | 7 | 16 | 39 | 62 | 59 | 66 | 104 | 227 |
| Other Income | 30 | 43 | 47 | 91 | 126 | 80 | 85 | 109 | 212 | 400 |
| PBT before EO Exp | 1,088 | 1,104 | 1,379 | 41 | 1,552 | 1,441 | 1,767 | 1,883 | 1,699 | 6,644 |
| Extra-Ord Expense | 0 | 0 | 0 | -201 | 0 | 0 | 0 | 0 | -195 | 0 |
| PBT | 1,088 | 1,104 | 1,379 | 242 | 1,552 | 1,441 | 1,767 | 1,883 | 1,894 | 6,644 |
| Tax | 184 | 326 | 338 | 3 | 383 | 396 | 486 | 562 | 124 | 1,827 |
| Rate (\%) | 16.9 | 29.6 | 24.5 | 1.3 | 24.7 | 27.5 | 27.5 | 29.8 | 6.6 | 27.5 |
| Reported PAT | 904 | 778 | 1,041 | 239 | 1,169 | 1,044 | 1,281 | 1,322 | 1,770 | 4,817 |
| Adj PAT | 904 | 778 | 1,041 | 40 | 1,169 | 1,044 | 1,281 | 1,322 | 1,587 | 4,817 |
| YoY Change (\%) | 247.6 | 108.2 | 162.5 | -93.0 | 29.3 | 34.3 | 23.1 | 3182.3 | 898.4 | 203.4 |
| Margins (\%) | 29.3 | 24.6 | 28.6 | 1.1 | 27.5 | 23.1 | 23.8 | 20.8 | 11.6 | 23.5 |

[^5]
# UltraTech Cement 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | UTCEM IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | ULTC.BO |


| Equity Shares (m) | 124.5 |
| :--- | ---: |
| 52-Week Range | $1,205 / 662$ |
| 1,6,12 Rel. Perf. (\%) | $-1 / 3 /-22$ |
| M.Cap. (Rs b) | 129.8 |
| M.Cap. (US\$ b) | 3.3 |

28 September 2007 Buy

| Previous Recommendation: Buy |  |  |  |  |  |  |  |  | Rs 1,043 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 49,108 | 7,823 | 62.8 | 240.5 | 16.6 | 7.4 | 55.8 | 43.0 | 2.8 | 9.8 |
| 3/08E | 57,245 | 10,942 | 87.9 | 39.9 | 11.9 | 4.7 | 48.2 | 44.5 | 2.5 | 7.4 |
| 3/089E | 67,185 | 13,246 | 106.4 | 21.1 | 9.8 | 3.2 | 39.0 | 41.6 | 2.1 | 5.9 |

* Net sales expected to grow $17.8 \%$ YoY to Rs 11.8 b , driven by $8.7 \%$ YoY ( $\sim 2 \% \mathrm{QoQ}$ ) higher realizations and $4.6 \%$ volume growth to 3.78 mt .
\& Exports (cement + clinker) are expected to decline by $12 \%$, whereas domestic dispatches are expected to grow by $15 \%$, indicating diversion of exports to domestic market. Also, clinker exports are expected to decline by $31 \%$, suggesting shift in favor of cement.
\& Higher realizations would drive 540bp EBITDA margin expansion to $30.7 \%$ and $43 \%$ Yo Y higher EBITDA at Rs 3.6 b , translating into $55 \%$ YoY growth in PAT to Rs 2 b .
* We are revising our earnings estimate for FY08 by $8.6 \%$ to Rs 87.9 and FY09 by $24.3 \%$ to Rs 106.4 , as a result of change in our cement pricing as sumptions. Also, our price target is revised upward to Rs 1,445 ( $\sim 7.5 \mathrm{x}$ FY09E EV/ EBITDA).
* At 9.8x FY09E EPS and 5.9x FY09E EV/EBITDA, valuations do not fully reflect improving operating performance and organic growth visibility at a low cost of expansion. Maintain Buy.

| QUARTERLY Performance (Standalone) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q* | 2Q* | 3Q* | 4Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Sales (m ton) | 4.45 | 3.61 | 4.49 | 5.04 | 4.46 | 3.78 | 4.65 | 5.24 | 17.67 | 18.13 |
| YoY Change (\%) | 11.5 | 22.4 | 14.0 | 8.9 | 0.2 | 4.6 | 3.6 | 4.1 | 13.4 | 2.6 |
| Realization (Rs/ton) | 2,645 | 2,783 | 2,807 | 2,872 | 2,965 | 3,025 | 3,085 | 3,145 | 2,755 | 3,060 |
| YoY Change (\%) | 33.0 | 28.3 | 40.3 | 25.4 | 12.1 | 8.7 | 9.9 | 9.5 | 30.1 | 11.1 |
| QoQ Change (\%) | 15.5 | 5.2 | 0.9 | 2.3 | 3.2 | 2.0 | 2.0 | 1.9 |  |  |
| Net Sales | 11,803 | 10,045 | 12,605 | 14,655 | 13,653 | 11,833 | 14,793 | 16,966 | 49,108 | 57,245 |
| YoY Change (\%) | 48.8 | 57.0 | 59.8 | 38.2 | 15.7 | 17.8 | 17.4 | 15.8 | 48.8 | 16.6 |
| Total Expenditure | 8,057 | 7,501 | 8,802 | 10,570 | 9,317 | 8,204 | 9,675 | 10,871 | 34,930 | 38,068 |
| EBITDA | 3,746 | 2,545 | 3,802 | 4,085 | 4,335 | 3,629 | 5,118 | 6,095 | 14,178 | 19,177 |
| Margins (\%) | 31.7 | 25.3 | 30.2 | 27.9 | 31.8 | 30.7 | 34.6 | 35.9 | 28.9 | 33.5 |
| Depreciation | 544 | 547 | 571 | 601 | 559 | 595 | 605 | 787 | 2,263 | 2,545 |
| Interest | 226 | 237 | 202 | 203 | 202 | 205 | 210 | 334 | 868 | 950 |
| Other Income | 134 | 119 | 167 | 195 | 269 | 115 | 120 | 146 | 615 | 650 |
| PBT after EO Expense | 3,110 | 1,879 | 3,196 | 3,476 | 3,844 | 2,944 | 4,423 | 5,120 | 11,662 | 16,331 |
| Tax | 1,002 | 605 | 1,072 | 1,161 | 1,250 | 972 | 1,460 | 1,708 | 3,839 | 5,389 |
| Rate (\%) | 32.2 | 32.2 | 33.5 | 33.4 | 32.5 | 33.0 | 33.0 | 33.4 | 32.9 | 33.0 |
| Reported PAT | 2,108 | 1,274 | 2,125 | 2,315 | 2,594 | 1,972 | 2,963 | 3,412 | 7,823 | 10,942 |
| Adj PAT | 2,108 | 1,274 | 2,125 | 2,315 | 2,594 | 1,972 | 2,963 | 3,412 | 7,823 | 10,942 |
| YoY Change (\%) | 251.3 | - | 790.8 | 75.3 | 23.0 | 54.8 | 39.5 | 47.4 | 240.5 | 39.9 |

E: MOSt Estimates; Quarterly results do no add up to full year results due to recasting

# Engineering 

| COMPANY NAME | PG. |
| :--- | :---: |
| ABB | 107 |
| Alstom Projects | 108 |
| Bharat Electronics | 109 |
| BHEL | 110 |
| Crompton Greaves | 111 |
| Cummins India | 112 |
| Larsen \& Toubro | 113 |
| Siemens | 114 |
| Suzlon Energy | 115 |
| Thermax | 116 |

## Strong order intake in 2QFY08; order book remains strong

The order book for most capital goods companies is showing impressive growth with increasing investments in the manufacturing sector, thrust on accelerated infrastructure development and continuation of power reforms. The order book for most of the companies like Siemens, ABB, Thermax, BHEL and L\&T witnessed robust Yo Y growth rate as of June 2007.

During 2 QFY08, the order intake continued to remain robust on account of significant project awards from the Indian Railways, industries (primarily, oil \& gas) and power sector.

| ORDER BACKLOG (RS B AND \% YOY) |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | JUN-06 | J UN-07 | \% GR. YOY | MAR-06 | MAR-07 | \% GR. YOY |
| Siemens | 77.2 | 108.2 | 40 | 76.2 | 108.6 | 43 |
| ABB | 31.4 | 46.4 | 48 | 26.7 | 42.6 | 60 |
| Thermax | 24.5 | 35.0 | 43 | 22.1 | 36.7 | 66 |
| L\&T (E\&C Div) | 274.6 | 396.9 | 45 | 238.6 | 353.3 | 48 |
| BHEL | 393.0 | 624.0 | 59 | 376 | 550 | 46 |

PGCIL's recent fund raising to further boost spend on power T\&D sector
Power Grid Corporation of India Ltd. (PGCIL), the central public sector entity, has recently completed its initial public offering to raise Rs $29 b$ to fund part of its capex. During the Eleventh Five Year Plan (FY08 - FY12), planned capex on inter-state and interregional transmission network stands at Rs 700b, of which PGCIL's share stands at

| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) |
| Engineering |  |  |  |  |  |  |  |
| ABB | Neutral | 14,667 | 37.0 | 1,650 | 49.2 | 1,157 | 40.9 |
| Alstom Projects | Neutral | 3,346 | 25.0 | 423 | 31.2 | 376 | 20.0 |
| Bharat Electronics | Buy | 9,177 | 10.0 | 2,134 | 14.4 | 1,653 | 11.5 |
| BHEL | Neutral | 45,524 | 36.3 | 6,487 | 42.2 | 4,720 | 31.1 |
| Crompton Greaves | Neutral | 10,538 | 27.9 | 975 | 32.5 | 526 | 36.0 |
| Cummins India | Neutral | 5,750 | 23.0 | 977 | 24.4 | 759 | 21.1 |
| Larsen \& Toubro | Neutral | 47,820 | 28.0 | 4,834 | 57.9 | 3,009 | 64.4 |
| Siemens | Neutral | 22,934 | 52.9 | 1,738 | 39.7 | 1,779 | 30.1 |
| Suzlon Energy | Neutral | 32,348 | 55.0 | 3,946 | 9.6 | 2,043 | -13.2 |
| Thermax | Buy | 5,546 | 15.0 | 1,063 | 40.2 | 713 | 22.4 |
| Sector Aggregate |  | 197,650 | 35.3 | 24,228 | 34.3 | 16,735 | 25.2 |

Rs 550b. We believe that spend on the Power Transmission and Distribution sector will pick up from October-November 2007 onwards (3QFY07) and the momentum would continue in FY09 too. This would translate into a significant order intake for all engineering companies and pre-dominantly for ABB, Siemens, Crompton Greaves etc., which will further drive the order book for these companies.

## Expect EBITDA margin to improve in 2QFY08

The EBITDA margin for the companies in the capital goods sector has witnessed strong improvement on back of favorable demand-supply scenario, long-term supply contracts for raw materials, flexibly priced work contracts and implementation of cost-cutting programs.


Source: Motilal Oswal Securities

The engineering companies are now less prone to adverse commodity price movement for the domestic orders price variation clause is now part of most of the SEBs/ PGCIL contracts. This is visible in improvement in reported EBITDA margins for June 2007 by most of the engineering companies despite the recent spurt in non-ferrous metal and steel prices. Also, the operational efficiency, economies of scale, better sourcing and enrichment in product mix has added to improvement in EBITDA margins for the companies. For overseas orders too, the companies are able to cherry pick orders and are able to take some price hikes owing to robust demand scenario. The robust order book assures strong revenue visibility over the next few quarters, and the improving margin trend would enable companies to sustain their earnings growth.

## Rupee appreciation may impact earnings marginally

Exports continue to remain a key thrust area for the Indian companies given the large emerging opportunities in Middle East and Africa for home grown players (viz. BHEL, L\&T and Thermax), and with some MNCs (viz. ABB, Cummins, Siemens) being developed
as exclusive sourcing bases for their parents' global / regional requirements. Most of the MNC companies have already set up R\&D centers in India, and hence the outsourcing opportunity seems to be a sustainable trend. This exposes Indian companies to recent rupee appreciation (which also impacts their profitability globally).


Source: Motilal Oswal Securities

Also, the global acquisitions by some of the engineering companies have exposed them to the risk of rupee appreciation and which gets reflected through translation of financials of subsidiary companies on a consolidated basis. Companies like Suzlon (exports is estimated at $68 \%$ of its FY09 revenues). Crompton Greaves ( $25 \%$ of its FY09E revenues from exports), ABB, Siemens and L\&T could see possible impact on their EBITDA margins in 2QFY08 due to rupee appreciation. The key instance of loss in EBITDA margin in 1QFY08 by engineering companies include: (1) Suzlon - 200bp loss, and (2) Siemens - 370bp (3QFY07).

## Positive on underlying business momentum, valuations rich

We continue to remain positive on business momentum for the capital goods sector. Earnings visibility is high for most of these companies, based on the current order-book-to-bill-ratio. The companies will now have to focus on efficient execution and timely delivery. We however believe that the current valuations are rich and factors the underlying growth for these companies.

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 | 25 | 121 | 6 | 82 | 3 | 48 |
| Alstom Projects | 2 | 148 | -17 | 108 | -20 | 75 |
| Bharat Electron | 1 | 64 | -18 | 24 | -21 | -9 |
| BHEL | 37 | 71 | 17 | 31 | 15 | -3 |
| Crompton Greaves | 34 | 94 | 15 | 54 | 12 | 21 |
| Cummins India | 27 | 99 | 7 | 60 | 5 | 26 |
| Larsen \& Toubro | 31 | 122 | 11 | 82 | 9 | 49 |
| Siemens | -3 | 28 | -22 | -12 | -25 | -46 |
| Suzlon Energy | -2 | 15 | -21 | -24 | -24 | -58 |
| Thermax | 46 | 135 | 27 | 95 | 24 | 62 |

RELATIVE PERFORMANCE - 3 MONTH (\%)


RELATIVE PERFORMANCE - 1 YEAR (\%)


COMPARATIVE VALU ATION

|  | CMP (RS) | Reco |  | S (RS) |  |  | P/E (X) |  |  | VIEBITDA |  |  | OE (\%) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 28.9.07 |  | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E |
| Engineering |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ABB ** | 1,294 | Neutral | 16.1 | 23.8 | 30.8 | 80.5 | 54.3 | 42.0 | 55.8 | 35.4 | 27.0 | 36.7 | 49.5 | 53.0 |
| Alstom Projects | 830 | Neutral | 16.6 | 23.4 | 28.7 | 50.0 | 35.5 | 28.9 | 43.1 | 29.8 | 23.7 | 33.3 | 37.4 | 35.7 |
| Bharat Electronics | 1,840 | Buy | 89.2 | 102.3 | 120.1 | 20.6 | 18.0 | 15.3 | 11.4 | 9.9 | 8.1 | 32.5 | 29.4 | 27.5 |
| BHEL | 2,033 | Neutral | 48.8 | 63.2 | 81.1 | 41.7 | 32.2 | 25.1 | 25.5 | 19.6 | 16.0 | 28.8 | 29.6 | 30.0 |
| Crompton Greaves | 333 | Neutral | 6.6 | 9.8 | 14.4 | 50.5 | 33.9 | 23.2 | 36.0 | 25.2 | 19.2 | 32.6 | 36.8 | 37.7 |
| Cummins India | 435 | Neutral | 11.7 | 15.9 | 20.3 | 37.4 | 27.4 | 21.4 | 27.8 | 19.5 | 14.5 | 25.4 | 29.7 | 31.1 |
| Larsen \& Toubro | 2,813 | Neutral | 63.9 | 84.4 | 106.8 | 44.0 | 33.3 | 26.3 | 43.0 | 29.5 | 23.8 | 26.1 | 28.9 | 28.9 |
| Siemens* | 1,352 | Neutral | 31.0 | 45.0 | 58.3 | 43.7 | 30.0 | 23.2 | 26.8 | 19.7 | 16.5 | 42.1 | 47.9 | 47.7 |
| Suzlon Energy | 1,447 | Neutral | 30.0 | 40.6 | 59.8 | 48.1 | 35.7 | 24.2 | 35.7 | 23.2 | 16.6 | 29.0 | 28.0 | 29.9 |
| Thermax | 750 | Buy | 16.1 | 23.6 | 32.5 | 46.5 | 31.8 | 23.0 | 29.4 | 21.3 | 15.1 | 39.7 | 41.2 | 43.9 |
| Sector Aggregate |  |  |  |  |  | 43.3 | 32.5 | 24.9 | 30.7 | 22.4 | 17.7 | 31.2 | 32.0 | 33.4 |

[^6]| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | ABB IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | ABB.BO |


| Equity Shares (m) | 211.9 |
| :--- | ---: |
| 52-Week Range | $1,345 / 580$ |
| 1,6,12 Rel. Perf. (\%) | $1 / 48 / 82$ |
| M.Cap. (Rs b) | 274.1 |
| M.Cap. (US\$ b) | 6.9 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 1,294 |
| year <br> END | net sales (RS M) | $\begin{aligned} & \text { PAT } \\ & (\text { RS M) } \end{aligned}$ | EPS | EPS Gr. | $\begin{aligned} & \text { P/E } \\ & (x) \end{aligned}$ | P/BV | RoE | roce | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ | $\begin{gathered} \text { EVI } \\ \text { EBITDA } \end{gathered}$ |
| 12/06A | 42,740 | 3,403 | 16.1 | 55.6 | 80.5 | 28.8 | 36.7 | 55.9 | 6.2 | 55.8 |
| 12/07E | 60,897 | 5,052 | 23.8 | 48.5 | 54.3 | 25.2 | 49.5 | 77.2 | 4.4 | 35.4 |
| 12/08E | 78,649 | 6,523 | 30.8 | 29.1 | 42.0 | 19.9 | 53.0 | 82.6 | 3.3 | 27.0 |

Pre-exceptionals

* For 3QCY07, we expect revenues to grow $37 \%$ YoY to Rs 14.7 b , EBITDA by $49.2 \%$ YoY to Rs 1.7 b and net profit by $40.9 \%$ YoY to Rs 1.2b.
* ABB India recently announced an order intake of Rs 933 m from KHD Humboldt W edag GmbH, Germany, to provide a turnkey electrical and automation solution for a 5,000 tpd (tonnes per day) cement plant at Katrana in Jordan. During 2QCY07, the company recorded an order intake of Rs 20 b , up $38 \%$ YoY. The order backlog for the company as of June 2007 stood at a robust Rs 46.3 b , up $48 \%$ YoY.
\& EBITDA margin improved 111bp YoY during 1HCY07 to $10.8 \%$ ( $\mathrm{v} / \mathrm{s} 9.6 \%$ in 1HCY06). The sustained momentum in order intake, rapid conversion of the existing strong order backlog and increased share of high-margin standard products and services should lead to further margin expansion.

2 ABB India has announced a capacity and range expansion program, wherein it will establish a new low voltage distribution electrical unit in Haridwar and a vacuum interrupter plant in Nashik.
\& We believe ABB's rich valuations already discount its buoyant growth prospects. The stock is trading at 54.3x CY07E and $42 \times$ CY08E earnings. We remain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E december | CY06 |  |  |  | CY07 |  |  |  | CY06 | CY07E |
|  | 1Q | 2 Q | 3 Q | 4Q | 1Q | 2 Q | 3QE | 4QE |  |  |
| Sales | 8,029 | 9,742 | 10,706 | 14,263 | 13,124 | 14,009 | 14,667 | 19,097 | 42,740 | 60,897 |
| Change (\%) | 32.1 | 47.9 | 50.6 | 44.7 | 63.5 | 43.8 | 37.0 | 33.9 | 44.2 | 42.5 |
| EBITDA | 695 | 1,020 | 1,106 | 1,947 | 1,282 | 1,638 | 1,650 | 2,918 | 4,767 | 7,488 |
| Change (\%) | 87.1 | 68.8 | 35.7 | 39.9 | 84.6 | 60.6 | 49.2 | 49.9 | 49.8 | 57.1 |
| As \% of Sales | 8.7 | 10.5 | 10.3 | 13.6 | 9.8 | 11.7 | 11.3 | 15.3 | 11.2 | 12.3 |
| Depreciation | 62 | 65 | 66 | 71 | 86 | 77 | 91 | 110 | 265 | 364 |
| Interest | 2 | 2 | 2 | 1 | 10 | 23 | 12 | -5 | 7 | 40 |
| Other Income | 180 | 153 | 230 | 174 | 152 | 147 | 220 | 291 | 737 | 810 |
| PBT | 810 | 1,106 | 1,267 | 2,049 | 1,337 | 1,686 | 1,767 | 3,104 | 5,232 | 7,894 |
| Tax | 297 | 387 | 446 | 699 | 471 | 600 | 610 | 1,161 | 1,829 | 2,842 |
| Effective Tax Rate (\%) | 36.7 | 35.0 | 35.2 | 34.1 | 35.2 | 35.6 | 34.5 | 37.4 | 35.0 | 36.0 |
| Repoted PAT | 513 | 719 | 821 | 1,350 | 866 | 1,086 | 1,157 | 1,943 | 3,403 | 5,052 |
| Adj. PAT | 513 | 719 | 821 | 1,350 | 866 | 1,079 | 1,157 | 1,943 | 3,403 | 5,052 |
| Change (\%) | 86.5 | 64.9 | 55.1 | 42.6 | 68.9 | 50.0 | 40.9 | 44.0 | 55.6 | 48.5 |

E: MOSt Estimates
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# Alstom Projects 

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 17,291 | ABBAP IN <br> REUTERS CODE |
| S\&P CNX: 5,021 | ABBP.BO |
| Equity Shares (m) | 67.0 |
| 52-Week Range | $904 / 329$ |
| 1,6,12 Rel. Perf. (\%) | $-3 / 77 / 108$ |
| M.Cap. (Rs b) | 55.6 |
| M.Cap. (US\$ b) | 1.4 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 830 |
| 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 | 1,113 | 16.6 | 136.4 | 50.0 | 15.1 | 33.3 | 43.0 | 4.3 | 43.1 |
| 3/08E | 15,992 | 1,566 | 23.4 | 40.8 | 35.5 | 11.8 | 37.4 | 46.7 | 3.3 | 29.8 |
| 3/09E | 20,114 | 1,925 | 28.7 | 22.9 | 28.9 | 9.1 | 35.7 | 44.6 | 2.6 | 23.7 |

* Pre-exceptionals; Consolidated Numbers
* For 2QFY08, we expect revenue to grow $25 \%$ YoY to Rs 3.5b, EBITDA to grow $31.2 \%$ YoY to Rs 423 m and the net profit to grow $20 \%$ Yo Y to Rs 376 m .
\& The company received an order of Rs 10b (370MW) from the Gujarat State Electricity Corporation for construction of the first gas-based combined cycle power plant in India during 1QFY08. Also, a consortium comprising Alstom Projects, Als tom Transport S.A. (ATSA) and Sumitomo Corporation bagged an order of Rs 2.8 b for train control and signaling Delhi Metro Rail Corporation (DMRC)'s line 1 and 2 extensions. The share of Alstom in the project is Rs 770 m while Alstom S.A. would execute orders worth Rs 1.8 b . The current order backlog of the company stands at over Rs 30b.
\& 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 states to set up metros in cities.

2) At CMP of Rs 830 , the stock trades at a P/E of 35.5 x FY08E and $28.9 x$ FY09E. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07* | FY08E* |
|  | 10 | 20 | 3 Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Sales | 2,237 | 2,677 | 2,977 | 4,306 | 2,413 | 3,346 | 3,870 | 6,362 | 12,215 | 15,992 |
| Change (\%) | 24.6 | 18.3 | 2.7 | 72.3 | 7.9 | 25.0 | 30.0 | 47.8 | 29.2 | 30.9 |
| EBITDA | 90 | 322 | 242 | 534 | 246 | 423 | 349 | 753 | 1,209 | 1,771 |
| Change (\%) | 119.5 | 177.6 | 139.6 | 198.3 | 173.3 | 31.2 | 44.4 | 40.9 | 167.3 | 46.4 |
| As of \% Sales | 4.0 | 12.0 | 8.1 | 12.4 | 10.2 | 12.6 | 9.0 | 11.8 | 9.9 | 11.1 |
| Depreciation | 34 | 36 | 40 | 54 | 55 | 52 | 53 | 51 | 164 | 211 |
| Interest | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 2 | 2 |
| Other Income | 68 | 102 | 169 | 9 | 87 | 100 | 150 | 63 | 350 | 400 |
| PBT | 124 | 387 | 370 | 489 | 278 | 470 | 446 | 764 | 1,393 | 1,958 |
| Tax | 8 | 74 | 67 | 127 | 103 | 94 | 89 | 105 | 279 | 392 |
| Effective Tax Rate (\%) | 6.5 | 19.1 | 18.1 | 26.0 | 37.1 | 20.0 | 20.0 | 13.8 | 20.0 | 20.0 |
| Reported PAT | 116 | 313 | 303 | 362 | 175 | 376 | 357 | 658 | 1,114 | 1,566 |
| Adj PAT | 116 | 313 | 303 | 362 | 175 | 376 | 357 | 658 | 1,114 | 1,566 |
| Change (\%) | 73.1 | 172.2 | 304.0 | 74.9 | 50.9 | 20.0 | 17.9 | 81.8 | 136.1 | 40.6 |

E: MOSt Estimates; * Full year nos are consolidated

| STOCK INFO. | BLOOMBERG <br> BSE Sen sex: 17,291 <br> BHE IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 5,021 | RAJE.BO |
| Equity Shares (m) | 80.0 |
| 52-Week Range | $1,950 / 1,083$ |
| 1,6,12 Rel. Perf. (\%) | $-8 /-11 / 24$ |
| M.Cap. (Rs b) | 147.2 |
| M.Cap. (US\$ b) | 3.7 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 38,943 | 7,139 | 89.2 | 22.4 | 20.6 | 5.7 | 32.5 | 32.4 | 3.2 | 11.4 |
| 3/08E | 43,110 | 8,187 | 102.3 | 14.7 | 18.0 | 4.6 | 29.4 | 29.3 | 2.7 | 9.9 |
| 3/09E | 50,438 | 9,609 | 120.1 | 17.4 | 15.3 | 3.7 | 27.5 | 27.5 | 2.2 | 8.1 |

* For 2QFY08, we expect Bharat Electronics to report revenue of Rs 9.2 , up $10 \%$ YoY, EBITDA of Rs 2.1 b , up $14.4 \%$ YoY, and net profit of Rs 1.7b, up $11.5 \%$ YoY.
* BEL has guided for revenues of US\$1b in FY08 and US\$2b by FY12. The earlier revenue guidance was Rs 50 b in FY08 and Rs 100b by FY12.
\& Order backlog as of March 2007 stood at Rs 90 b (up $36 \%$ YoY). The book to bill ratio has increased to $2.3 x$ during FY07 from 2x during FY06. Order intake during FY07 increased to Rs 63 b (up $64 \%$ 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 the company would be able to leverage its competitive positioning with the JV partners over a longer period due to the offset clause.
\& We expect the company to post earnings CA GR of $16 \%$ from FY07-09E. At CMP of Rs 1,840 , the stock is trading at a P/E of $18 x$ FY08E and 15.3x FY09E. We recommend Buy.

| Quarterly performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY 07 |  |  |  | FYO8 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Sales | 4,831 | 8,343 | 8,638 | 17,342 | 4,044 | 9,177 | 9,502 | 20,246 | 38,943 | 42,969 |
| Change (\%) | 0.8 | 0.7 | 27.5 | 10.1 | -16.3 | 10.0 | 10.0 | 16.7 | 9.4 | 10.3 |
| EBITDA | 721 | 1,865 | 1,976 | 4,849 | -46 | 2,134 | 2,338 | 6,386 | 9,411 | 10,813 |
| Change (\%) | -4.0 | -9.1 | 36.6 | 16.2 | -106.4 | 14.4 | 18.3 | 31.7 | 11.7 | 14.9 |
| As of \% Sales | 14.9 | 22.4 | 22.9 | 28.0 | -1.1 | 23.3 | 24.6 | 31.5 | 24.2 | 25.2 |
| Depreciation | 208 | 198 | 205 | 252 | 211 | 225 | 240 | 263 | 863 | 939 |
| Interest | 3 | 1 | 2 | 0 | 1 | 3 | 5 | 6 | 5 | 15 |
| Other Income | 384 | 508 | 407 | 574 | 656 | 525 | 550 | 450 | 1,874 | 2,182 |
| PBT | 894 | 2,175 | 2,177 | 5,171 | 398 | 2,431 | 2,643 | 6,567 | 10,416 | 12,040 |
| Tax | 291 | 692 | 696 | 1,599 | 135 | 778 | 846 | 2,094 | 3,278 | 3,853 |
| Effective Tax Rate (\%) | 32.6 | 31.8 | 31.9 | 30.9 | 33.9 | 32.0 | 32.0 | 31.9 | 31.5 | 32.0 |
| Reported PAT | 603 | 1,483 | 1,482 | 3,572 | 263 | 1,653 | 1,798 | 4,473 | 7,139 | 8,187 |
| Change (\%) | 6.5 | 1.1 | 52.7 | 27.2 | -56.4 | 11.5 | 21.3 | 25.2 | 22.8 | 14.7 |
| Adj PAT | 603 | 1,483 | 1,482 | 3,572 | 263 | 1,653 | 1,798 | 4,473 | 7,139 | 8,187 |

E: MOSt Estimates
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| STOCK InFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> BHEL IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 5,021 | BHEL.BO |
| Equity Shares (m) | 489.5 |
| 52-Week Range | $2,089 / 970$ |
| 1,6,12 Rel. Perf. (\%) | $-3 / 44 / 31$ |
| M.Cap. (Rs b) | 995.1 |
| M.Cap. (US\$ b) | 25.0 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs 2,033 |
| 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 | 187,827 | 23,876 | 48.8 | 42.4 | 41.7 | 10.7 | 28.8 | 44.3 | 5.1 | 25.5 |
| 03/08E | 239,064 | 30,930 | 63.2 | 29.5 | 32.2 | 8.5 | 29.6 | 44.2 | 4.0 | 19.6 |
| 03/09E | 300,448 | 39,697 | 81.1 | 28.3 | 25.1 | 6.7 | 30.0 | 45.2 | 3.4 | 16.0 |

\& For 2QFY08, we expect revenue to grow $36.3 \%$ YoY to Rs 45.5 b, EBITDA to grow $42.2 \%$ YoY to Rs $6.5 b$ and net profit to grow by $31.1 \%$ YoY to Rs 4.7 b .

* The order book for the company stood at Rs 624b as of June 2007, up 59\% YoY while the order intake for 1QFY08 was Rs 109.7 b . The power division contributed around $76 \%$ to the order intake at Rs 83 b . The current order backlog represents a book-to-bill ratio of $\sim 3.6 \mathrm{x}$ on its FY07 revenue.
* BHEL has recently signed a memorandum of understanding (MoU) with NTPC for forming a joint venture company for carrying out Engineering Procurement and Construction (EPC) activities in the power sector on mutually-beneficial terms. As per the MoU, both NTPC and BHEL will have $50: 50$ equity participation in the new venture.
\& The company has guided for revenue of US\$10b by FY12 both through organic or inorganic route, a revenue CAGR of $19 \%$.
* BHEL is also seeking opportunities in nuclear energy production and is in talks with global nuclear players like Alstom, GE Energy, and Siemens for possible tie-ups. The tie up is intended for 700 MW and $1,000 \mathrm{MW}$ technology.
\& At the CMP of Rs 2,033, the stock is trading at a P/E of 32.2x FY08E and 25.1x FY09E. Downgrade to Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Sales | 26,564 | 33,412 | 43,397 | 69,197 | 32,339 | 45,524 | 60,664 | 96,631 | 172,375 | 235,158 |
| Change (\%) | 37.2 | 33.1 | 30.5 | 25.5 | 21.7 | 36.3 | 39.8 | 39.6 | 29.7 | 36.4 |
| EBITDA | 3,182 | 4,563 | 9,292 | 15,872 | 3,107 | 6,487 | 12,739 | 21,313 | 32,909 | 43,646 |
| Change (\%) | 85.5 | 23.7 | 54.1 | 32.8 | -2.4 | 42.2 | 37.1 | 34.3 | 40.7 | 32.6 |
| As a \% Sales | 12.0 | 13.7 | 21.4 | 22.9 | 9.6 | 14.3 | 21.0 | 22.1 | 19.1 | 18.6 |
| Depreciation | 639 | 667 | 662 | 762 | 689 | 800 | 825 | 886 | 2,730 | 3,200 |
| Interest | 131 | 136 | 120 | 47 | 22 | 175 | 200 | 328 | 433 | 725 |
| Other Income | 1,201 | 1,699 | 1,855 | 2,860 | 2,063 | 1,750 | 1,900 | 2,151 | 7,615 | 7,864 |
| PBT | 3,613 | 5,460 | 10,365 | 17,923 | 4,460 | 7,262 | 13,614 | 22,249 | 37,361 | 47,585 |
| Tax | 1,246 | 1,860 | 3,688 | 6,419 | 1,570 | 2,542 | 4,765 | 7,778 | 13,214 | 16,655 |
| Effective Tax Rate (\%) | 34.5 | 34.1 | 35.6 | 35.8 | 35.2 | 35.0 | 35.0 | 35.0 | 35.4 | 35.0 |
| Reported PAT | 2,367 | 3,600 | 6,677 | 11,504 | 2,890 | 4,720 | 8,849 | 14,471 | 24,147 | 30,930 |
| Change (\%) | 85.1 | 38.4 | 57.8 | 32.5 | 22.1 | 31.1 | 32.5 | 25.8 | 43.8 | 28.1 |
| Adj. PAT | 2,367 | 3,600 | 6,677 | 11,504 | 2,890 | 4,720 | 8,849 | 14,471 | 24,147 | 30,930 |
| Change (\%) | 85.1 | 38.4 | 57.8 | 32.5 | 22.1 | 31.1 | 32.5 | 25.8 | 43.8 | 28.1 |

E: MOSt Estimates; Other Income includes Operational Other Income
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# Crompton Greaves 

| STOCK INFO. <br> BSE Sensex: 17,291 | bloomberg |
| :---: | :---: |
|  | CRG IN |
|  | reuters code |
| S\&P CNX: 5,021 C | CROM.BO |
| Equity Shares (m) | 366.6 |
| 52-Week Range | 349/161 |
| 1,6,12 Rel. Perf. (\%) | \%) -7/40/54 |
| M.Cap. (Rs b) | 122.0 |
| M.Cap. (US\$ b) | 3.1 |

28 September 2007

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 333 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 33,676 | 2,417 | 6.6 | 0.6 | 50.5 | 18.5 | 32.6 | 38.6 | 3.7 | 36.0 |
| 3/08E | 43,326 | 3,603 | 9.8 | 49.0 | 33.9 | 14.2 | 36.8 | 43.7 | 2.8 | 25.2 |
| 3/09E | 53,561 | 5,263 | 14.4 | 46.1 | 23.2 | 10.8 | 37.7 | 47.4 | 2.3 | 19.2 |

* Consolidated; pre-exceptionals
\& For 2QFY08, we expect Crompton to report standalone revenue of Rs 10.5b, up 27.9\% Yo Y, EBITDA of Rs 975 m , up $32.5 \%$ Yo Y, and net profit of Rs 526 m , up $36 \%$ Yo Y. As of June 2007, order book of Crompton (standalone) stood at Rs21.4b, up $19 \%$ YoY, and the order book for Pauwels stood at Rs27.3b.
* It has emerged as the successful bidder for distribution of power in Nagpur in the bids invited by Maharashtra State Electricity Board (MSEB) for the privatization of distribution circles for a period of 15 years effective from January 2008. It has committed a payment of Rs 26 b (bid evaluation criterion) to MSEB over a 15 -year period to get a fixed quantum of power from MSEB and is free to source any incremental requirements from the market. The company will be able to retain efficiency gains arising out of better management of circle including lower T\&D losses (currently at 43\%).
* The management has guided for revenue growth of 20-25\% CAGR to FY10 for its standalone business and 15-18\% CAGR, for Pauwels, to FY10. The company expects the standalone EBITDA margins to improve to $\sim 11 \%$ in FY08 ( $\mathrm{v} / \mathrm{s} 10.2 \%$ in FY07). For Ganz, the management expects EBITDA margin of $5 \%$ ( $\mathrm{v} / \mathrm{s}$ loss in FY07) and breakeven at PBT level during FY08.
\& We expect Crompton to report consolidated net profit of Rs 36b in FY08 (up 49\% Yo Y) and Rs 5.3b in FY09 (up 46\% Yo Y). At CMP of Rs 333, the stock trades at a P/E of 33.9x FY08E and 23.2x FY09E. Maintain Neutral.

| QUARTERLY PERFORMANCE (Standalone) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Sales | 7,406 | 8,240 | 8,130 | 9,900 | 8,961 | 10,538 | 10,974 | 12,853 | 33,676 | 43,326 |
| Change (\%) | 42.5 | 48.6 | 25.5 | 24.0 | 21.0 | 27.9 | 35.0 | 29.8 | 33.6 | 28.7 |
| EBITDA | 722 | 736 | 818 | 1,143 | 1,045 | 975 | 1,152 | 1,697 | 3,418 | 4,869 |
| Change (\%) | 58.7 | 39.1 | 38.5 | 52.0 | 44.8 | 32.5 | 40.9 | 48.4 | 46.9 | 42.4 |
| As of \% Sales (Adj) | 9.7 | 8.9 | 10.1 | 11.5 | 11.7 | 9.3 | 10.5 | 13.2 | 10.2 | 11.2 |
| Depreciation | 100 | 81 | 100 | 113 | 105 | 130 | 145 | 139 | 394 | 519 |
| Interest | 53 | 72 | 78 | 101 | 66 | 75 | 100 | 93 | 304 | 333 |
| Other Income | 49 | 94 | 72 | 133 | 126 | 65 | 85 | 70 | 349 | 346 |
| PBT | 618 | 677 | 713 | 1,063 | 1,000 | 835 | 992 | 1,535 | 3,070 | 4,363 |
| Tax | 254 | 270 | 258 | 363 | 313 | 309 | 367 | 582 | 1,146 | 1,571 |
| Effective Tax Rate (\%) | 41.1 | 39.9 | 36.3 | 34.2 | 31.2 | 37.0 | 37.0 | 37.9 | 37.3 | 36.0 |
| Reported PAT | 364 | 407 | 454 | 699 | 688 | 526 | 625 | 953 | 1,924 | 2,792 |
| Adj PAT | 364 | 387 | 454 | 749 | 653 | 526 | 625 | 953 | 1,954 | 2,792 |
| Change (\%) | 16.4 | 18.9 | -17.0 | 0.1 | 79.6 | 36.0 | 37.6 | 27.3 | 1.0 | 42.9 |

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

## Cummins India

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> KKC IN |
| :--- | :--- |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | CUMM.BO |
| Equity Shares (m) | 198.0 |
| 52-Week Range | $463 / 214$ |
| 1,6,12 Rel. Perf. (\%) | $4 / 32 / 60$ |
| M.Cap. (Rs b) | 86.2 |
| M.Cap. (US\$ b) | 2.2 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 435 |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES* <br> (RS M) | $\begin{gathered} \text { PAT * } \\ (\text { RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS* } \\ & \text { (RS) } \end{aligned}$ | $\begin{gathered} \text { EPS GR.* } \\ (\%) \end{gathered}$ | $\begin{aligned} & \text { P/E* } \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | ROE <br> (\%) | roce <br> (\%) | $\begin{aligned} & \text { EV/ } \\ & \text { SALES } \end{aligned}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 21,962 | 2,307 | 11.7 | 25.6 | 37.4 | 8.9 | 25.4 | 37.3 | 3.7 | 27.8 |
| 3/08E | 27,263 | 3,147 | 15.9 | 36.4 | 27.4 | 7.5 | 29.7 | 43.7 | 3.0 | 19.5 |
| 3/09E | 33,131 | 4,022 | 20.3 | 27.8 | 21.4 | 6.0 | 31.1 | 45.9 | 2.4 | 14.5 |

* Consolidated
\& For 2QFY08, we expect revenue growth of $23 \%$ Yo Y to Rs 5.8 , EBITDA growth of $24.4 \%$ YoY to Rs 977 m and net profit growth of $21.1 \%$ Yo Y to Rs 759 m .
* Domestic sales are expected to grow $\sim 13-15 \%$ on the back of strong demand for standby gensets from the services sector. Exports are expected to grow $\sim 20 \%$. The progress on new product launches is as per schedule.
* The Rs 150 m facility being set up near Pune to assemble HP engines and generator sets will be fully operational by September-October 2007. The other capex plans of the company amount to Rs 200-250m for FY08.

8. At the CMP of Rs 435 , the stock trades at 27.4 x FY08E and 21.4 x FY09E consolidated earnings. We remain Neutral on the stock.

| QUARTERLY Performance (Standalone) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 30 | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Sales | 3,914 | 4,674 | 4,770 | 5,049 | 5,423 | 5,750 | 5,771 | 6,097 | 18,408 | 23,041 |
| Change (\%) | 19.3 | 30.8 | 22.4 | 30.2 | 38.5 | 23.0 | 21.0 | 20.7 | 25.8 | 25.2 |
| EBITDA | 619 | 786 | 719 | 823 | 740 | 977 | 952 | 1,059 | 2,947 | 3,729 |
| Change (\%) | 41.0 | 86.2 | 22.3 | 41.2 | 19.5 | 24.4 | 32.5 | 28.6 | 45.0 | 26.5 |
| As of \% Sales | 15.8 | 16.8 | 15.1 | 16.3 | 13.6 | 17.0 | 16.5 | 17.4 | 16.0 | 16.2 |
| Interest | 0 | 0 | 2 | 11 | 2 | 3 | 5 | 2 | 14 | 12 |
| Depreciation | 81 | 94 | 77 | 74 | 76 | 90 | 110 | 127 | 326 | 403 |
| Other Income | 163 | 195 | 260 | 236 | 232 | 200 | 270 | 299 | 853 | 1,000 |
| PBT | 700 | 886 | 899 | 975 | 894 | 1,084 | 1,107 | 1,228 | 3,460 | 4,314 |
| Tax | 192 | 259 | 270 | 318 | 253 | 325 | 332 | 383 | 1,040 | 1,294 |
| Effective Tax Rate (\%) | 27.4 | 29.2 | 30.1 | 32.6 | 28.3 | 30.0 | 30.0 | 31.2 | 30.0 | 30.0 |
| Reported PAT | 508 | 627 | 629 | 657 | 640 | 759 | 775 | 845 | 2,421 | 3,020 |
| Adj PAT | 508 | 627 | 629 | 657 | 640 | 759 | 775 | 845 | 2,421 | 3,020 |
| Change (\%) | 43.6 | 48.8 | 29.7 | 21.4 | 26.1 | 21.1 | 23.2 | 28.7 | 34.4 | 24.7 |

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

| STOCK INFO. <br> BSE Sensex: 17,291 | bloomberg LT IN |
| :---: | :---: |
|  |  |
|  | reuters code |
| S\&P CNX: 5,021 L | LART.BO |
| Equity Shares (m) | 283.3 |
| 52-Week Range | 2,950/1,230 |
| 1,6,12 Rel. Perf. (\%) | -6/45/82 |
| M.Cap. (Rs b) | 796.7 |
| M.Cap. (US\$ b) | 20.0 |


| 28 September 2007 |  |  |  |  |  |  |  |  | NeutralRs 2,813 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES <br> (RS M) | $\begin{aligned} & \text { PAT * } \\ & (\text { RS M) } \end{aligned}$ | $\begin{aligned} & \text { EPS* } \\ & \text { (RS) } \end{aligned}$ | 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> (\%) | $\begin{gathered} \text { EV/ } \\ \text { SAIFS } \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 176,846 | 18,310 | 63.9 | 75.5 | 44.0 | 13.8 | 26.1 | 28.2 | 4.4 | 43.0 |
| 3/08E | 226,164 | 24,206 | 84.4 | 30.6 | 33.3 | 11.4 | 28.9 | 31.2 | 3.5 | 29.5 |
| 3/09E | 285,499 | 30,628 | 106.8 | 26.5 | 26.3 | 9.3 | 28.9 | 29.6 | 2.8 | 23.8 |

* For 2QFY08, we expect revenue of Rs 47.8 b , up $28 \%$ YoY, EBITDA of Rs 4.8 b , up $57.9 \%$ YoY, and net profit of Rs 3 b , up $64.4 \%$ YoY.
\& L\&T's order backlog as at end of June 2007 stood at Rs 416.3 b , up $45 \%$ YoY. The order book-to-bill ratio for the company has improved from $1.5 x$ as of March 2006 to around 2.3x as of June 2007 (FY07 revenue).
\& Key orders by L\&T during 2QFY08 include: (1) a Rs 12.1b order from Bhushan Steel Ltd. for turnkey construction of a 2.5 m tpa blast furnace in consortium with Paul W urth, Italy; (2) US $\$ 70 \mathrm{~m}$ (Rs3b) contract for construction of two ships from RollDock BV of the Netherlands; (3) Rs 6.4b contract from SA IL India; (4) Rs 2.7 b orders from Indian Oil Corporation and Liaoning Huajin Chemical Corporation, China for their capacity expansion projects
\& L\&T plans to raise US $\$ 700 \mathrm{~m}$ through overseas route (GDR, FCCB, ADR etc.) to part-finance capital expenditure of around Rs45b in FY08 and FY09 and a capex of Rs 15-20b will be utilized for setting up the shipyard.
\& At CMP of Rs 2,813 , the stock trades at a P/E of $33.3 x$ FY08E and 26.3x FY09E. We maintain Neutral.

| QUARTERLY PERFORMANCE (Standalone) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4Q | $1 Q$ | 2QE | 3QE | 4QE |  |  |
| Net Sales | 34,689 | 37,361 | 41,184 | 62,482 | 45,052 | 47,820 | 51,550 | 80,444 | 175,788 | 224,867 |
| Change (\%) | 11.5 | 11.7 | 12.3 | 36.0 | 29.9 | 28.0 | 25.2 | 28.7 | 20.0 | 27.9 |
| EBITDA | 2,698 | 3,062 | 5,185 | 9,718 | 4,738 | 4,834 | 6,874 | 12,646 | 20,665 | 29,092 |
| Change (\%) | 53.5 | 117.6 | 63.0 | 54.2 | 75.6 | 57.9 | 32.6 | 30.1 | 82.4 | 49.8 |
| As of \% Sales | 9.2 | 8.9 | 11.8 | 14.9 | 10.2 | 9.8 | 12.9 | 15.3 | 11.3 | 12.5 |
| Depreciation | 309 | 336 | 357 | 698 | 424 | 510 | 520 | 827 | 1,700 | 2,281 |
| Interest | 158 | 106 | 12 | 63 | 157 | 225 | 315 | 243 | 339 | 940 |
| Other Income | 216 | 437 | 350 | 420 | 1,608 | 460 | 420 | 174 | 1,420 | 2,662 |
| Reported PBT | 2,448 | 3,057 | 5,166 | 9,377 | 5,764 | 4,559 | 6,459 | 11,750 | 20,046 | 28,533 |
| Tax | 877 | 1,046 | 1,727 | 2,371 | 1,995 | 1,550 | 2,067 | 3,562 | 6,019 | 9,174 |
| Effective Tax Rate (\%) | 35.8 | 34.2 | 33.4 | 25.3 | 34.6 | 34.0 | 32.0 | 30.3 | 30.0 | 32.2 |
| Reported Profit | 1,571 | 2,011 | 3,440 | 7,006 | 3,769 | 3,009 | 4,392 | 8,189 | 14,027 | 19,359 |
| Adjusted PAT | 1,839 | 1,831 | 3,440 | 7,006 | 2,924 | 3,009 | 4,392 | 8,189 | 13,845 | 18,514 |
| Change (\%) | 89.5 | 53.0 | 83.1 | 52.8 | 59.0 | 64.4 | 27.7 | 16.9 | 59.1 | 33.7 |

E: MOSt Estimates

## Siemens

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> SIEM IN |  |
| :--- | ---: | :---: |
|  | REUTERS CODE |  |
| S\&P CNX: 5,021 | SIEM.BO |  |


| 28 September 2007 |  |  |  |  |  |  |  |  | NeutralRs 1,352 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | EPS | EpS Gr. | PIE | Priv | Roe | Roce | EV/ | Ev/ |
| END | (RS M) | (RS M) | (RS) | (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 9/07E | 90,057 | 5,220 | 31.0 | 31.3 | 43.7 | 16.3 | 42.1 | 63.5 | 2.6 | 27.3 |
| 9/08E | 125,994 | 7,592 | 45.0 | 45.4 | 30.0 | 12.9 | 47.9 | 72.2 | 1.9 | 20.0 |
| 9/09E | 161,753 | 9,831 | 58.3 | 29.5 | 23.2 | 9.7 | 47.7 | 72.4 | 1.5 | 16.7 |

Consolidated

* For 4QFY07, we expect Siemens to report revenue of Rs 22.9b, up $52.9 \%$ YoY, EBITDA of Rs 1.7 b (up $39.7 \%$ Yo Y), and net profit of Rs 1.8 b , up $30.1 \%$ YoY.
\& For FY07, we expect Siemens to report revenues of Rs 78.5 b (up 73\% YoY), EBITDA of Rs 5.6b (up $38.9 \%$ YoY) and net profit of Rs 4.5 (up $22.6 \%$ YoY). EBITDA margin for the company is expected to be $7.1 \%$ (v/s $8.9 \%$ in FY06) largely due to decline of 290bp in 2QFY07 and 250bp in 3QFY07.
\& Other income, which is primarily dividend income from Siemens Information Services (SISL) - a $100 \%$ subsidiary of Siemens, has remained largely flat during 9 MFY07 at Rs 504 m . Historical trends indicate that the profits of SISL are distributed as dividends during 2Q and 4Q. We estimate Siemens to book other income of Rs 980 m in 4QFY07.
* Siemens and BHEL have signed an MoU for the supply and installation of steam turbines for 800MW power projects in India, involving supercritical steam conditions.
\& Given its diversified exposure to the Indian manufacturing industry, power, transport, healthcare, communication and IT segments, we believe Siemens will report steady growth in the coming years. We maintain Neutral.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E SEPTEMBER | FY06 |  |  |  | FY07 |  |  |  | FY06 | FY07E |
|  | 10 | 20 | 3 Q | 4 Q | 10 | 2 Q | 30 | 4QE |  |  |
| Total Revenues | 8,601 | 11,334 | 10,465 | 14,997 | 16,331 | 21,352 | 17,902 | 22,934 | 45,397 | 78,518 |
| Change (\%) | 62.1 | 57.6 | 70.8 | 59.2 | 89.9 | 88.4 | 71.1 | 52.9 | 61.9 | 73.0 |
| EBITDA | 791 | 1,214 | 792 | 1,244 | 1,234 | 1,677 | 910 | 1,738 | 4,041 | 5,560 |
| Change (\%) | 76.1 | 34.8 | 44.1 | 34.3 | 56.1 | 38.2 | 14.8 | 39.7 | 43.0 | 38.9 |
| As \% of Revenues | 9.2 | 10.7 | 7.6 | 8.3 | 7.6 | 7.9 | 5.1 | 7.6 | 8.9 | 7.1 |
| Depreciation | 150 | 81 | 90 | 122 | 103 | 109 | 121 | 160 | 442 | 493 |
| Interest Income | 54 | 79 | 117 | 116 | 126 | 105 | 123 | 149 | 367 | 502 |
| Other Income | 9 | 419 | 24 | 637 | 152 | 57 | 295 | 980 | 1,089 | 1,483 |
| PBT | 705 | 1,630 | 844 | 1,875 | 1,409 | 1,730 | 1,207 | 2,706 | 5,055 | 7,053 |
| Tax | 215 | 452 | 279 | 508 | 426 | 650 | 389 | 927 | 1,454 | 2,391 |
| Effective Tax Rate (\%) | 30.5 | 27.7 | 33.1 | 27.1 | 30.2 | 37.5 | 32.2 | 34.3 | 28.8 | 33.9 |
| Reported PAT | 490 | 1,178 | 565 | 1,367 | 984 | 1,081 | 818 | 1,779 | 3,601 | 4,662 |
| Adjusted PAT | 551 | 1,178 | 565 | 1,367 | 984 | 1,081 | 642 | 1,779 | 3,662 | 4,491 |
| Change (\%) | 75.7 | 48.4 | 42.9 | 30.9 | 78.4 | -8.3 | 13.6 | 30.1 | 43.8 | 22.6 |

E: MOSt Estimates

# Suzlon Energy 



| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 1,447 |
| year <br> END | net sales (RS M) | $\begin{gathered} \text { PAT } \\ \text { RSS M } \end{gathered}$ | EPS* $(\mathrm{RS})$ | EPS Gr.* <br> (\%) | PIE* | $\begin{aligned} & \text { PBVV } \\ & (\mathrm{x} \end{aligned}$ | ROE (\%) | roce (\%) | $\begin{gathered} \text { EVI } \\ \text { SALLES } \end{gathered}$ | Ev/ EBITDA |
| 3/07A | 79,858 | 8,655 | 30.0 | 13.9 | 48.1 | 12.8 | 29.0 | 21.0 | 5.7 | 34.9 |
| 3/08E | 135,473 | 11,957 | 40.6 | 35.0 | 35.7 | 8.1 | 28.0 | 17.8 | 3.5 | 23.2 |
| 3/09E | 195,706 | 17,621 | 59.8 | 47.4 | 24.2 | 6.6 | 29.9 | 19.6 | 2.5 | 16.6 |

* Consolidated
\& For 2QFY08, we expect revenue of Rs 32.4 b , up $55 \%$ YoY, EBITDA of Rs 4 b , up $9.6 \%$ Yo Y, and net profit of Rs 2 b , down $13.8 \%$ YoY.
\& The order backlog of the company stood at Rs 135 b comprising domestic market - Rs 17.1 b and international market - Rs 117.9b. In terms of MW, the order backlog stood at $2,882 \mathrm{MW}$ as of June 2007 comprising domestic market 315 MW and international market $-2,567 \mathrm{MW}$.
* Suzlon has made a Foreign Currency Convertible Bonds for an amount of US $\$ 200 \mathrm{~m}$, which has a maturity of 5 years and 1 day, are convertible at a conversion price of Rs $1,859.40$ per share. The FCCBs are zero coupon bonds with a yield to maturity of $7.55 \%$, calculated on a semi-annual basis, at the end of 5 years and 1 day if not converted into shares during the period. This is to fund the expansion plans announced by the company to increase its capacity for W TG and gearboxes.
\& We expect Suzlon to report net profit CAGR of 43\% over FY07-09E. The EPS for the company is estimated at Rs $40.6 /$ sh for FY08E and Rs $59.8 /$ sh for FY09E.
\& At the CMP of Rs 1,447, the stock trades at a P/E of 35.7x FY08E and 24.2x FY09E consolidated earnings. We maintain Neutral.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Sales | 10,689 | 20,870 | 19,139 | 29,159 | 19,446 | 32,348 | 32,536 | 51,142 | 79,857 | 135,473 |
| Change (\%) | 243.6 | 85.8 | 117.3 | 91.0 | 81.9 | 55.0 | 70.0 | 75.4 | 107.9 | 69.6 |
| EBITDA | 1,858 | 3,600 | 2,546 | 4,954 | 1,398 | 3,946 | 4,392 | 10,846 | 12,958 | 20,583 |
| Change (\%) | 181.0 | 42.6 | 69.8 | 24.9 | -24.8 | 9.6 | 72.5 | 118.9 | 44.3 | 58.8 |
| As of \% Sales | 17.4 | 17.3 | 13.3 | 17.0 | 7.2 | 12.2 | 13.5 | 21.2 | 16.2 | 15.2 |
| Depreciation | 347 | 428 | 343 | 600 | 585 | 675 | 800 | 908 | 1,718 | 2,968 |
| Interest | 366 | 547 | 638 | 972 | 1,079 | 1,015 | 1,250 | 1,488 | 2,523 | 4,832 |
| Other Income | 161 | 87 | 254 | 463 | 426 | 65 | 80 | 104 | 965 | 676 |
| PBT | 1,306 | 2,711 | 1,820 | 3,846 | 161 | 2,321 | 2,422 | 8,554 | 9,683 | 13,459 |
| Tax | 346 | 340 | 93 | 256 | -40 | 279 | 291 | 972 | 1,035 | 1,502 |
| Effective Tax Rate (\%) | 26.5 | 12.5 | 5.1 | 6.6 | (24.6) | 12.0 | 12.0 | 11.4 | 10.7 | 11.2 |
| Reported PAT | 960 | 2,371 | 1,727 | 3,590 | 200 | 2,043 | 2,132 | 7,582 | 8,648 | 11,957 |
| Change (\%) | 115.2 | 14.7 | 28.9 | -4.3 | -79.2 | -13,8 | 23.4 | 111.2 | 13.7 | 38.3 |
| PAT (post Minority Interest) | 953 | 2,354 | 1,744 | 3,590 | 189 | 2,043 | 2,132 | 7,582 | 8,640 | 11,957 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG <br> BSE Sen sex: 17,291 <br> TMX IN |
| :--- | ---: |
| S\&P CNX: 5,021 | REUTERS CODE <br> THM X.BO |
| Equity Shares (m) | 119.2 |
| 52-Week Range | $760 / 299$ |
| 1,6,12 Rel. Perf. (\%) | $7 / 71 / 95$ |
| M.Cap. (Rs b) | 89.3 |
| M.Cap. (US\$ b) | 2.2 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 750 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| 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 | 19,945 | 1,919 | 16.1 | 87.2 | 46.5 | 15.3 | 39.7 | 57.0 | 4.4 | 29.4 |
| 3/08E | 28,392 | 2,811 | 23.6 | 46.5 | 31.8 | 11.9 | 41.2 | 61.7 | 3.0 | 21.3 |
| 3/09E | 37,171 | 3,877 | 32.5 | 37.9 | 23.0 | 8.8 | 43.0 | 64.5 | 2.2 | 15.1 |

\& For 2QFY08, we expect revenue of Rs 5.6 b , up $15 \%$ YoY, EBITDA of Rs 1.1 b and net profit of Rs 713 m , growth of $22.4 \%$ YoY. The management has guided for revenue growth of $40 \%$ YoY during FY08 and EBITDA margin to remain stable.

* The order backlog for the company stood at Rs 27.7 b as of June 2007 on a standalone basis and Rs 31 b on a consolidated basis.
* Thermax has planned an investment of Rs 800 m during FY08 for capacity expansion of the captive power segment, entry into higher range boilers and heat recovery systems and new range of absorption chillers. The first phase of expansion at Vadodara unit would commence production in 2 Q and the capacity would be ramped $u$ in 3 Q and 4 Q . The unit for absorption chillers at China is likely to be operational in 4QFY08.
\& We expect Thermax to report net profit CA GR of 42\% over FY07-09E. The EPS for the company is estimated at Rs 23.6 for FY08E and Rs 32.5 for FY09E.

8 At the CMP of Rs 750, the stock trades at a P/E of 31.8x FY08E and $23 x$ FY09E consolidated earnings. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07* | FY08E* |
|  | 10 | 2 Q | 30 | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Sales | 3,226 | 4,823 | 5,499 | 8,044 | 6,581 | 5,546 | 6,379 | 9,886 | 21,368 | 28,392 |
| Change (\%) |  |  | 53.0 | 68.9 | 104.0 | 15.0 | 16.0 | 22.9 | 44.0 | 32.9 |
| EBITDA | 383 | 758 | 760 | 887 | 680 | 1,063 | 1,015 | 1,263 | 2,429 | 4,021 |
| Change (\%) |  |  | 63.2 | 25.1 | 77.9 | 40.2 | 33.5 | 42.3 | 21.5 | 65.6 |
| As of \% Sales | 11.9 | 15.7 | 13.8 | 11.0 | 10.3 | 19.2 | 15.9 | 12.8 | 11.4 | 14.2 |
| Depreciation | 38 | 50 | 47 | 53 | 50 | 48 | 50 | 44 | 188 | 192 |
| Interest | 0 | 2 | 5 | 5 | 4 | 2 | 3 | 1 | 13 | 10 |
| Other Income | 65 | 88 | 83 | 272 | 85 | 65 | 90 | 95 | 732 | 335 |
| Extra-ordinary Items | 0 | -231 | 0 | 41 | 98 | 0 | 0 | 0 | -55 | 0 |
| PBT | 410 | 562 | 790 | 1,143 | 809 | 1,078 | 1,052 | 1,312 | 2,905 | 4,154 |
| Tax | 135 | 211 | 236 | 446 | 249 | 365 | 357 | 437 | 1,027 | 1,408 |
| Effective Tax Rate (\%) | 32.8 | 37.6 | 9.8 | 39.0 | 30.8 | 33.9 | 33.9 | 33.3 | 35.4 | 33.9 |
| Reported PAT | 275 | 351 | 555 | 697 | 560 | 713 | 695 | 875 | 1,878 | 2,746 |
| Adj PAT | 275 | 582 | 555 | 656 | 462 | 713 | 695 | 875 | 1,933 | 2,746 |
| Change (\%) |  |  | 83.5 | 53.6 | 67.9 | 22.4 | 25.4 | 33.4 | 49.7 | 42.0 |

E: MOSt Estimates; *Nos include results of Thermax Babcock and Wilcox Ltd and Thermax Capital Ltd.and hence not comparable yoy

| COMPANY NAME | PG. |
| :--- | :---: |
| Asian Paints | 123 |
| Britannia Industries | 124 |
| Colgate Palmolive | 125 |
| Dabur India | 126 |
| GSK Consumer | 127 |
| Godrej Consumer Products | 128 |
| Hindustan Unilever | 129 |
| ITC | 130 |
| Marico | 131 |
| Nestle India | 132 |
| Tata Tea | 133 |

The FMCG sector has started benefiting from the fourth consecutive year of more than $8 \%$ GDP growth, as the volume growth reported by most of the companies in the previous quarter was either in line or higher than estimates. The volume growth trend appears to be broadbased across products and segments. FMCG companies have taken selective price increases to ward off the impact of commodity inflation. Soda ash and LAB prices are up during the quarter while palm oil and wheat prices are steady. Sugar prices remained weak while milk prices have started softening. We expect another quarter of strong volume growth for FMCG companies. Ad spend could be the area to watch out for as most companies have resorted to a cut in ad spend, helping them boost margins.

HUL is expected to post yet another quarter of disappointing numbers in personal care although soaps and detergents are expected to report double-digit growth. Asian Paints will report sedate growth as Diwali sales will materialize in 3Q this year versus Q2 last year. United Spirits, Nestle, Dabur, Marico and GSK Consumer are expected to post strong sales growth momentum. We expect ITC cigarette sales volumes to shrink $4 \%$ while food products are likely to do well. Valuations seem to factor in improving fundamentals, still rising growth rates augur well for steady returns over the coming 12 months. We rate United Spirits and ITC as our preferred bet among large caps. Asian Paints and Nestle are our top mid-cap picks.

| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Reco | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) |
| FMCG |  |  |  |  |  |  |  |
| Asian Paints | Buy | 8,700 | 10.8 | 1,330 | 10.6 | 860 | 10.6 |
| Britannia | Buy | 7,100 | 29.2 | 625 | 117.0 | 425 | 78.6 |
| Colgate | Neutral | 3,625 | 13.3 | 650 | 16.5 | 591 | 16.9 |
| Dabur | Neutral | 6,710 | 18.9 | 1,190 | 22.3 | 930 | 27.9 |
| Godrej Consumer | Neutral | 2,800 | 20.8 | 475 | 19.8 | 371 | 19.7 |
| GSK Consumer | Buy | 3,400 | 12.8 | 610 | 15.5 | 406 | 12.1 |
| Hind. Unilever | Neutral | 34,340 | 12.0 | 4,550 | 12.9 | 4,420 | 15.4 |
| ITC | Buy | 33,500 | 16.0 | 10,850 | 11.5 | 7,820 | 15.1 |
| Marico | Buy | 4,650 | 23.0 | 700 | 15.6 | 426 | 39.2 |
| Nestle | Buy | 8,761 | 21.2 | 1,761 | 23.6 | 1,065 | 22.1 |
| Tata Tea | Neutral | 9,900 | 1.6 | 1,850 | 2.7 | 530 | -50.5 |
| United Spirits | Buy | 7,300 | 15.5 | 1,850 | 36.4 | 860 | 52.7 |
| Sector Aggregate |  | 130,786 | 14.6 | 26,441 | 15.5 | 18,704 | 14.3 |

## Good monsoons, higher farm output positive for FMCG demand

The monsoons have been normal for yet another year. The monsoons have been either normal or excess in 30 out of 36 subdivisions this year versus 26 last year. Further the deficient areas are mainly Punjab, Haryana, Delhi and western UP, which have well developed artificial irrigation facilities.

| GOOD MONSOONS - A POSITIVE FOR FMCG |  |  |  |  |  |  | EXCESS | NORMAL | DEFICIENT | SCANTY |
| :--- | ---: | ---: | ---: | ---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 13 | 17 | 6 | 0 |  |  |  |  |  |  |
| June- September 2007 | 7 | 19 | 10 | 0 |  |  |  |  |  |  |
| June -September 2006 |  |  | Source: Motilal Oswal Securities |  |  |  |  |  |  |  |

Sowing for the kharif crop has been in fullswing; the planted area being 100 m hectares so far, an increase of $4.5 \%$.

All the major crops have reported increased area under coverage. The cultivated area for paddy, pulses, oilseeds, groundnut and soybean is $5-10 \%$ higher indicating that the final area under cultivation would be higher for the current year. In addition, the minimum support price (MSP) for wheat has seen sharp increase during the current year, the trend for other crops in the forthcoming season is healthy. Pick-up in agri production and farm income will continue to fuel rural demand. Increase in farm production will improve the availability of and cool down inflation in commodity prices. The impact is already visible as the prices of some of the inputs like milk, sugar and molasses have softened. Increase in production and farm gate prices will boost disposable income and increase demand for consumer goods.

## Growth accelerating; pricing power improving

FMCG sector continues to have staggered growth. We observe that categories like soaps, detergents, and oral care are witnessing single-digit volume growth. Skin care, Household products, Food products and Alcoholic beverages continues to maintain high double-digit growth. Although the sector as a whole has seen acceleration in growth rates in the past one year, products with higher innovation and low penetration have been the winners.

Distribution gains for categories like Personal care, Food products and Alcoholic beverages have been a major contributor to demand acceleration. We expect high double-digit volume growth for categories such as Personal care, Household products, Biscuits, Beer, Packed Juices, Noodles, Packed water and wines. Decorative paints and Spirits are likely to grow in mid-teens while Soaps and detergents are likely to grow in mid-to-high single digit levels. Pricing power is improving across segments, although companies appear to be playing the volumes game to derive growth. Pricing wars do not appear likely currently, but the leading players are cautious to effect price increases to pass on the cost increases to consumers.

## Premium variants and new products to accelerate growth

Rising disposable income in the hands of consumers is resulting in a steady wave of consumer uptrading. All the product segments are witnessing strong growth in the premium segments, although on a low base. The trend is clearly visible in Processed foods, Personal care and Liquor. Entry level for young consumer has moved up in lifestyle goods and IMFL (Indian made foreign liquor). Rising proportion of young working population, influence of the media and modern trade are expected to fuel the demand for premium goods in the coming periods. We believe that despite limited demand for premium products, the low base and higher margins make it attractive for companies to venture into these segments. FMCG majors are busy entering new categories and segments where they are not present as of now. GCPL is test marketing its shampoo while ITC has entered the Personal care segment with the launch of Shampoo under the brand Fiama Di Wills. We expect new launches to accelerate ahead. Premium variants and new products will enable FMCG companies to further accelerate the growth rate.

| NEW PRODUCTS AND VARIANT LAUNCHES |  |  |  |
| :--- | :--- | :--- | :--- |
| COMPANY | CATEGORY | BRAND | VARIANT |
| Nestle | Dairy | Nesvita, Milkmaid | Probiotic Dahi, Funshakes |
|  | Confectionery | Polo, Tang Eez | Zero, Cinnamon flavor |
| Tata Tea | Tea | Tata Tea | Life |
| GCPL | Soaps and Shampoo | No 1 | Premium Soap, Shampoo |
| TC | Personal care | Fiama Di Wills | Shampoo in four variants |
| HUL | Personal care | Dove | Shampoos and skin care products |
|  | Soaps | Hamam, Lifebuoy | Skin Scrub, Lifeguard |

Source: Motilal Oswal Securities

## Input prices indicate a mixed trend

While prices of certain inputs like milk and sugar have been softening, palm oil prices are moving in a narrow range. Soda ash and LAB prices have firmed up in the past few months and strong crude price indicate that the firm trend should continue. Sugar production figures are expected to be strong which will ensure weak prices in the coming periods. We expect food products companies to benefit due to lower sugar and milk prices in the coming periods; Agri based commodity prices are expected to hold strong. Rising crude prices are expected to keep the prices of petroleum based input strong in the coming months.

| IMPACT OF INPUT PRICE CHANGES |  |  |  |  |  |  |  |  |
| :--- | :---: | :--- | :--- | :---: | :---: | :---: | :---: | :---: |
| INPUT | PRICE TREND | IMPACT | COMPANIES |  |  |  |  |  |
| LAB | Up | Negative | HUL |  |  |  |  |  |
| Soda Ash | Up | Negative | HUL |  |  |  |  |  |
| Palm Oil | Up | Negative | HUL, Godrej Consumer |  |  |  |  |  |
| Sugar | Down | Positive | Nestle, GSK Consumer, ITC, Britannia |  |  |  |  |  |
| Wheat | Up | Negative | ITC, Britannia, Nestle |  |  |  |  |  |
| Milk | Down | Positive | GSK Consumer, Nestle |  |  |  |  |  |
| Molasses | Down | Positive | United Spirits, Radico |  |  |  |  |  |

Source: Motilal Oswal Securities




## Favorable demographics and low product penetration indicate long term potential

Consumer demand is expected to remain strong due to growth in both farm incomes and job opportunities. Employment generation and salary levels have been rising due to strong economic growth with manpower shortages in Retail, IT/ITES, and construction sectors. Rising employment opportunities will likely result in a strong surge in consumer demand as $50 \%$ of the population currently is below the median age of 24 years?

The product penetration in most of the FMCG categories is very low. Some of the large categories such as Detergents, Washing Powder and Toilet Soaps have high penetration by Indian standards. But even in these categories, per capita spend is significantly lower than in most countries of Asia and South East Asia.

| FMCG PRODUCTS PENETRATION (\%) |  |  |  |
| :--- | ---: | ---: | ---: |
|  | ALL INDIA | URBAN | RURAL |
| Deodorants | 2.1 | 5.5 | 0.6 |
| Instant Coffee | 6.6 | 15.5 | 2.8 |
| Skin Cream | 22.0 | 31.5 | 17.8 |
| Utensil Cleaner | 28.0 | 59.9 | 14.6 |
| Toothpastes | 48.6 | 74.9 | 37.6 |
| Shampoo | 38.0 | 52.1 | 31.9 |
| Washing Powder | 86.1 | 90.7 | 84.1 |
| Detergent Bar | 88.6 | 91.4 | 87.4 |
| Toilet Soap | 91.5 | 97.4 | 88.9 |

Low product penetration implies long-term growth potential in the FMCG sector. Categories which have penetration of less than $25 \%$ are expected to grow volumes by more than 15 $20 \%$ per annum over the coming 8-10 years.

## Top picks: United Spirits, ITC, Nestle and Asian Paints

We expect FMCG sector growth rates to show steady improvement although the same might not be reflected fully for all the companies in the sector. The companies which have a presence in large and high growth categories will grow ahead of the market and enjoy premium valuations. Similarly the product categories or segments having high entry barriers and strong market shares will have high visibility for growth. We in particular like companies having strong presence and a pipeline in Food products, Liquor and Personal Care. We believe demographics favor strong growth in lifestyle verticals like Alcoholic Beverages and Tobacco, which would enable companies in these segments to command a premium.

We recommend a selective approach for investment. We rate United Spirits and ITC as preferred picks among the large caps and Asian Paints and Nestle among the mid caps. We are also like the business model, wide product range and growth prospects of Dabur, except for the high valuations.

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 |
| FMCG |  |  |  |  |  |  |
| Asian Paints | 18 | 48 | -1 | 8 | 0 | 38 |
| Britannia | -6 | 33 | -25 | -7 | -23 | 23 |
| Colgate | 8 | 11 | -11 | -29 | -10 | 1 |
| Dabur | 2 | 16 | -17 | -23 | -16 | 6 |
| Godrej Consumer | 4 | -20 | -15 | -60 | -14 | -30 |
| GSK | 11 | 23 | -8 | -16 | -7 | 13 |
| Hind. Unilever | 16 | -14 | -3 | -54 | -2 | -24 |
| ITC | 22 | 3 | 3 | -37 | 4 | -7 |
| Marico | 12 | 19 | -8 | -20 | -6 | 9 |
| Nestle | 16 | 26 | -4 | -13 | -2 | 16 |
| Tata Tea | -4 | 9 | -23 | -31 | -22 | -1 |
| United Spirits | 42 | 185 | 23 | 145 | 24 | 175 |

RELATIVE PERFORMANCE - 3 MONTH (\%)


RELATIVE PERFORMANCE - 1 YEAR (\%)


|  | $\begin{array}{r} \hline \text { CMP (RS) } \\ 28.9 .07 \end{array}$ | RECO | EPS (RS) |  |  | P/E (X) |  |  | EV/EbITDA |  |  | ROE (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E |
| FMCG |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Asian Paints | 983 | Buy | 28.1 | 33.7 | 41.3 | 34.9 | 29.1 | 23.8 | 21.8 | 17.7 | 14.6 | 35.7 | 35.1 | 34.4 |
| Britannia | 1,457 | Buy | 47.3 | 77.9 | 90.4 | 30.8 | 18.7 | 16.1 | 23.8 | 11.0 | 9.2 | 17.9 | 25.3 | 23.6 |
| Colgate | 402 | Neutral | 14.2 | 18.1 | 21.5 | 28.3 | 22.2 | 18.7 | 25.0 | 20.3 | 16.8 | 70.1 | 136.3 | 272.9 |
| Dabur | 106 | Neutral | 3.3 | 4.0 | 5.0 | 32.3 | 26.4 | 21.1 | 26.2 | 20.7 | 17.0 | 58.8 | 53.7 | 51.1 |
| Godrej Consumer | 141 | Neutral | 5.9 | 7.1 | 8.3 | 23.8 | 20.0 | 17.0 | 18.1 | 15.7 | 13.5 | 123.8 | 145.8 | 167.0 |
| GSK Consumer | 639 | Buy | 30.2 | 34.5 | 39.1 | 21.2 | 18.5 | 16.4 | 13.1 | 10.9 | 9.4 | 22.9 | 22.7 | 22.2 |
| Hind. Unilever | 219 | Neutral | 7.0 | 8.1 | 9.2 | 31.4 | 26.9 | 23.9 | 27.7 | 23.7 | 20.5 | 56.5 | 61.5 | 64.5 |
| ITC | 190 | Buy | 7.2 | 8.2 | 9.6 | 26.4 | 23.3 | 19.7 | 17.1 | 14.9 | 12.3 | 25.9 | 25.7 | 26.6 |
| Marico | 61 | Buy | 2.0 | 2.6 | 3.2 | 29.9 | 23.4 | 18.8 | 18.2 | 14.7 | 12.1 | 74.9 | 66.6 | 58.0 |
| Nestle | 1,324 | Buy | 33.9 | 43.7 | 53.8 | 39.1 | 30.3 | 24.6 | 23.5 | 18.3 | 15.0 | 53.8 | 61.8 | 68.3 |
| Tata Tea | 802 | Neutral | 50.6 | 44.9 | 78.7 | 15.9 | 17.9 | 10.2 | 7.8 | 5.5 | 4.4 | 14.0 | 6.8 | 10.9 |
| United Spirits | 1,746 | Buy | 25.4 | 44.1 | 69.9 | 68.8 | 39.6 | 25.0 | 34.5 | 19.9 | 16.3 | 17.2 | 22.4 | 20.0 |
| Sector Aggregate |  |  |  |  |  | 30.2 | 25.4 | 20.9 | 20.5 | 17.0 | 14.1 | 31.3 | 30.8 | 32.1 |

## Asian Paints

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> APNT IN |  |
| :--- | ---: | :---: |
|  | REUTERS CODE |  |
| S\&P CNX: 5,021 | A SPN.BO |  |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 983 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | net sales <br> (RS M) | $\begin{gathered} \text { PAT* } \\ (\text { RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS* } \\ & \text { (RS) } \end{aligned}$ | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{aligned} & \text { P/E } \\ & (X) \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | RoE <br> (\%) | ROCE <br> (\%) | $\begin{aligned} & \text { EV/ } \\ & \text { SALES } \end{aligned}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 28,213 | 2,699 | 28.1 | 21.9 | 34.9 | 12.5 | 35.7 | 51.4 | 3.3 | 21.8 |
| 3/08E | 32,727 | 3,237 | 33.7 | 19.9 | 29.1 | 10.2 | 35.1 | 50.9 | 2.7 | 17.7 |
| 3/09E | 37,636 | 3,960 | 41.3 | 22.3 | 23.8 | 8.2 | 34.4 | 49.1 | 2.3 | 14.6 |

* Pre-exceptionals
\& We expect Asian Paints to register $10.8 \%$ growth in 2QFY08 revenues to Rs8.7b. Volume growth is expected to remain subdued due to high base effect as festival season sales will get pushed to 3 Q this year.
\& The growth is expected to be maintained with decorative, industrial paints and powder coatings growing in tandem. EBITDA margins are expected to remain flat at $15.3 \%$ in 2QFY08 mainly due to relatively stable prices of key inputs. PAT at Rs 860 m would grow $10.6 \%$.
*) Asian Paints is expected to gain from rising consumerism on the one hand and huge infrastructure growth on the other. Strong brand, wide product range and marketing strength will enable the company maintain its stronghold in the decorative paints market, despite increasing competition.
* The stock is currently trading 29.1x FY08E earnings and 23.8x FY09E earnings. We expect valuation premium to sustain due to high growth visibility. We recommend Buy.

| JARTERLY PER |  |  |  |  | (RS MILLION |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3 Q | 4Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 6,034 | 7,849 | 7,060 | 7,270 | 7,402 | 8,700 | 8,500 | 8,125 | 28,213 | 32,727 |
| Change (\%) | 18.2 | 26.8 | 12.9 | 28.8 | 22.7 | 10.8 | 20.4 | 11.8 | 21.7 | 16.0 |
| Total Expenditure | 5,095 | 6,646 | 6,049 | 6,205 | 6,240 | 7,370 | 7,150 | 6,894 | 23,995 | 27,654 |
| EBITDA | 939 | 1,203 | 1,010 | 1,065 | 1,162 | 1,330 | 1,350 | 1,231 | 4,218 | 5,073 |
| Margin (\%) | 15.6 | 15.3 | 14.3 | 14.6 | 15.7 | 15.3 | 15.9 | 15.2 | 14.9 | 15.5 |
| Change (\%) | 29.0 | 19.6 | 3.8 | 31.1 | 23.8 | 10.6 | 33.6 | 15.6 | 43.6 | 20 |
| Interest | 13 | 18 | 23 | 15 | 18 | 20 | 23 | 14 | 69 | 75 |
| Depreciation | 110 | 115 | 112 | 118 | 104 | 135 | 142 | 169 | 454 | 550 |
| Other Income | 64 | 101 | 108 | 132 | 88 | 120 | 125 | 133 | 405 | 466 |
| Operational PBT | 880 | 1,171 | 983 | 1,065 | 1,128 | 1,295 | 1,310 | 1,181 | 4,099 | 4,915 |
| Non Recurring Items | 0.4 | -2 | 2 | 21 | 0 | 0 | 0 | 0 | 21 | 0 |
| PBT | 881 | 1,170 | 985 | 1,086 | 1,128 | 1,295 | 1,310 | 1,181 | 4,120 | 4,915 |
| Tax | 299 | 401 | 331 | 374 | 350 | 470 | 490 | 451 | 1,424 | 1,737 |
| Deferred Tax | 1 | -7 | 0 | 0 | 36 | -35 | -25 | -36 | -24 | -60.0 |
| Effective Tax Rate (\%) | 34 | 33.7 | 33.7 | 34.5 | 34.2 | 33.6 | 35.5 | 35.1 | 34.0 | 34 |
| PAT | 580 | 776 | 653 | 711 | 742 | 860 | 845 | 766 | 2,720 | 3,237 |
| Adjusted PAT | 580 | 777 | 651 | 691 | 742 | 860 | 845 | 766 | 2,699 | 3,237 |
| Change (\%) | 31.2 | 23.6 | 7.4 | 28.6 | 28.0 | 10.6 | 29.7 | 10.9 | 52 | 19.9 |

E: MOSt Estimates

## Britannia Industries

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | BRIT IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | BRIT.BO |


| Equity Shares (m) | 23.9 |
| :--- | ---: |
| 52-Week Range | $1,780 / 1,030$ |
| 1,6,12 Rel. Perf. (\%) | $-24 /-17 /-7$ |
| M.Cap. (Rs b) | 34.8 |
| M.Cap. (US\$ b) | 0.9 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | AT* | EPS* | EPS | P/E | P/BV | RoE | Roce | Ev/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | Sales | EBITDA |
| 3/07A | 21,993 | 1,076 | 47.3 | -22.8 | 30.8 | 5.5 | 17.9 | 18.5 | 1.4 | 23.8 |
| 3/08E | 28,873 | 1,861 | 77.9 | 64.7 | 18.7 | 4.6 | 25.3 | 32.9 | 1.0 | 11.0 |
| 3/09E | 34,012 | 2,160 | 90.4 | 16.0 | 16.1 | 3.8 | 23.6 | 31.1 | 0.8 | 9.2 |

* Pre-exceptionals
\& We expect Britannia to report revenues of Rs 7.1 b in 2 QFY 08 , a growth of $29.2 \%$ YoY. Higher topline would be driven by price increases by way of reduction in pack sizes and extension of excise exemption to biscuits with MRP below Rs 100 per kg from Rs 50 per kg earlier.
* EBITDA margins are expected to expand by 360 bp YoY to $8.8 \%$ in 2 QFY 08 as input pressures would be offset by higher topline growth, reduction in pack size and lower excise duty incidence and sugar prices, despite rising cost of milk and wheat flour. Adjusted PAT for 2QFY08 would grow $78.6 \%$ to Rs 425 m .
\& The company is getting aggressive in terms of new variants. Newly launched variants include Goodday Jumbo, Nutri Choice Sugarout, Nutri Choice Digestive Biscuit and Treat Fruit Rolls. In addition, the company has launched value-added variants under the Tiger brand at substantial premium to the base price.
\& Britannia continues to face uncertainties regarding management issues between Danone and the W adias. Acquisition of Danone's stake by Kraft Foods can re-rate the stock significantly. The stock is currently trading at 18.7x FY08E earnings, 16.1x FY09E earnings. We recommend Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | $1 Q$ | 2 Q | 3 Q | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Net Sales | 4,828 | 5,497 | 5,673 | 5,992 | 5,769 | 7,100 | 7,450 | 8,554 | 21,993 | 28,873 |
| YoY Change (\%) | 25.2 | 23.8 | 26.1 | 32.0 | 19.5 | 29.2 | 31.3 | 42.8 | 28.4 | 31.3 |
| Total Exp | 4,502 | 5,209 | 5,412 | 5,605 | 5,323 | 6,475 | 6,800 | 7,695 | 20,741 | 26,293 |
| EBITDA | 326 | 288 | 261 | 387 | 446 | 625 | 650 | 860 | 1,252 | 2,581 |
| Margins (\%) | 6.8 | 5.2 | 4.6 | 6.5 | 7.7 | 8.8 | 8.7 | 10.1 | 5.7 | 8.9 |
| Depreciation | 57 | 64 | 65 | 66 | 69 | 70 | 75 | 68 | 253 | 282 |
| Interest | 7 | 16 | 23 | 8 | 5 | 12 | 9 | 4 | 54 | 30 |
| Other Income | 119 | 27 | 50 | 87 | 108 | 32 | 60 | 105 | 293 | 305 |
| PBT | 381 | 235 | 223 | 400 | 480 | 575 | 626 | 894 | 1,238 | 2,575 |
| Tax | 55 | -3 | 22 | 34 | 88 | 150 | 165 | 241 | 108 | 644 |
| Rate (\%) | 14.4 | 1.3 | 9.9 | 8.5 | 18.3 | 26.1 | 26.4 | 26.9 | 8.7 | -25.0 |
| PAT | 326 | 238 | 201 | 366 | 392 | 425 | 461 | 653 | 1,130 | 1,931 |
| YoY Change (\%) | -8.7 | -45.8 | -48.5 | 59.8 | 20.2 | 78.6 | 129.4 | 78.5 | -33.8 | 70.9 |
| Extraordinary Expenses | -23 | -26 | -37 | 32 | -31 | -20 | -22 | 3 | -54 | -70 |
| Reported PAT | 303 | 212 | 164 | 398 | 361 | 405 | 439 | 656 | 1,076 | 1,861 |

E: MOSt Estimates

# Colgate Palmolive 

| STOCK INFO. B | bloomberg |
| :---: | :---: |
| BSE Sensex: 17,291 | CLGT IN |
| S\&P CNX: 5.021 Col | reuters code colg.bo |
| Equity Shares (m) | 136.0 |
| 52-Week Range | 430/291 |
| 1,6,12 Rel. Perf. (\%) | \%) -10/-13/-29 |
| M.Cap. (Rs b) | 54.7 |
| M.Cap. (US\$ b) | 1.4 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 402 |
| 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 | 12,951 | 1,933 | 14.2 | 47.9 | 28.3 | 194.8 | 70.1 | 69.3 | 4.0 | 25.0 |
| 3/08E | 14,777 | 2,462 | 18.1 | 27.4 | 22.2 | 67.8 | 136.3 | 133.5 | 3.7 | 20.3 |
| 3/09E | 16,733 | 2,923 | 21.5 | 18.7 | 18.7 | 40.9 | 272.9 | 262.8 | 3.2 | 16.8 |

* Pre-exceptionals

2 We expect Colgate to report a $13.3 \%$ YoY growth in 2QFY08 sales to 3.6 b . We expect EBITDA marg in to expand by 50 bp to $17.9 \%$ in 2QFY08. PAT is expected to increase by $16.9 \%$ to Rs 591 m in 2QFY08.
\& We expect double-digit volume growth in toothpaste volumes on the back of successful launches like Citrus Blast and Colgate Active Salt in the recent past. We expect Cibaca volumes to gain due to higher growth in the economy segment of the toothpaste market.
\& Colgate had closed down the Sewri facility; the benefits of which have started flowing to the bottomline. We believe that the capacity ramp up at Baddi will ensure steady margin expansion in FY08 and FY09.
\& Colgate continues to be a predominantly oral care company despite strong presence of its parent company in personal care and household products. We believe that high penetration in toothpaste segment limits the volume growth potential in the medium term. The stock is currently trading at $22.2 \times$ FY08E earnings and $18.7 x$ FY09E earnings. We maintain Neutral.

| QuARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3 Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 3,096 | 3,200 | 3,223 | 3,433 | 3,507 | 3,625 | 3,700 | 3,946 | 12,951 | 14,777 |
| YoY Change (\%) | 19.9 | 15.1 | 12.8 | 13.6 | 13.3 | 13.3 | 14.8 | 14.9 | 15.2 | 14.1 |
| Total Exp | 2,695 | 2,642 | 2,679 | 2,897 | 2,817 | 2,975 | 3,050 | 3,264 | 10,863 | 12,106 |
| EBITDA | 401 | 558 | 544 | 536 | 689 | 650 | 650 | 682 | 2,089 | 2,671 |
| Margins (\%) | 12.9 | 17.4 | 16.9 | 15.6 | 19.7 | 17.9 | 17.6 | 17.3 | 16.1 | 18.1 |
| Depreciation | 37 | 36 | 44 | 37 | 44 | 44 | 45 | 45 | 153 | 179 |
| Interest | 2 | 2 | 3 | 3 | 3 | 2 | 1 | 0 | 10 | 6 |
| Other Income | 148 | 122 | 166 | 174 | 135 | 135 | 185 | 141 | 585 | 596 |
| PBT | 509 | 643 | 664 | 670 | 777 | 739 | 789 | 778 | 2,512 | 3,083 |
| Tax | 149 | 137 | 161 | 172 | 158 | 148 | 158 | 157 | 579 | 621 |
| Rate (\%) | 29.2 | 21.4 | 24.2 | 25.6 | 20.3 | 20.0 | 20.0 | 20.1 | 23.0 | 20.1 |
| Adjusted PAT | 361 | 505 | 503 | 498 | 619 | 591 | 631 | 622 | 1,933 | 2,462 |
| YoY Change (\%) | 1.6 | 63.7 | -13.6 | 34.6 | 71.6 | 16.9 | 25.3 | 24.8 | 47.9 | 27.4 |
| Extraordinary Expenses | 0 | 274 | 0 | -8 | 10 | -10 | -10 | -10 | 331 | -20 |
| Reported PAT | 361 | 232 | 503 | 506 | 609 | 601 | 641 | 632 | 1,602 | 2,482 |
| YoY Change (\%) | 8.9 | -24.9 | 20.6 | 36.7 | 68.8 | 159.3 | 27.3 | 24.8 | 16.4 | 55.0 |

E: MOSt Estimates

# Dabur India 

| STOCK INFO. <br> BSE Sensex: 17,291 | bloomberg |
| :---: | :---: |
|  | DABUR IN |
|  | Reuters code |
| S\&P CNX: 5,021 D | DABU.BO |
| Equity Shares (m) | 862.9 |
| 52-Week Range | 118/83 |
| 1,6,12 Rel. Perf. (\%) | -10/-18/-23 |
| M.Cap. (Rs b) | 91.3 |
| M.Cap. (US\$ b) | 2.3 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 106 |
| 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 | 22,337 | 2,822 | 3.3 | 24.5 | 32.3 | 19.0 | 58.8 | 52.0 | 4.1 | 26.2 |
| 3/08E | 26,428 | 3,457 | 4.0 | 22.1 | 26.4 | 14.2 | 53.7 | 58.8 | 3.3 | 20.7 |
| 3/09E | 29,575 | 4,334 | 5.0 | 25.4 | 21.1 | 10.8 | 51.1 | 55.8 | 2.8 | 17.0 |

\& Dabur is expected to report sales of Rs6.7b in 2QFY08, a growth of $18.9 \%$ YoY. EBITDA margins are expected to increase by 40 bp to $17.7 \%$ YoY in 2QFY08 with the full impact of $4 \%$ price increase on its portfolio last year. Adjusted PAT before minority interest is expected to be Rs $930 \mathrm{~m}, 28 \%$ YoY growth in 2QFY08.

* Higher volume growth across segments like health supplements, oral care, house hold products, juices and international operations will be the key driver.
* New product pipeline continues to be attractive as Dabur is expected to launch new initiatives in personal care and skin care, which have been its weak areas. In addition, the company will launch new supplements targeted at children and ready-to-eat-foods.
* The company has announced its foray into the retail segment with specialty beauty and health stores. Dabur expects to commission its first store during the current year while breakeven is expected in the $4^{\text {th }}$ year. We expect the venture to accelerate topline growth in the coming years. Our estimates do not factor in impact of retail operations.
\& We believe that Dabur wide product range in niche segments makes it one of the best plays in the FMCG space. The stock is currently trading at $26.4 \times$ FY08E earnings, $21.1 \times$ FY09E earnings which factor in the high growth prospects. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3 Q | 4 Q | 1Q | 2QE | 3QE | 4 QE |  |  |
| Net Sales | 4,755 | 5,641 | 6,176 | 5,765 | 5,709 | 6,710 | 7,300 | 6,709 | 22,337 | 26,428 |
| YoY Change (\%) | 14.7 | 20.7 | 14.9 | 20.1 | 20.1 | 18.9 | 18.2 | 16.4 | 19.7 | 18.3 |
| Total Exp | 4,116 | 4,668 | 5,172 | 4,884 | 4,917 | 5,520 | 6,080 | 5,636 | 18,840 | 22,152 |
| EBITDA | 639 | 973 | 1,004 | 881 | 792 | 1,190 | 1,220 | 1,074 | 3,497 | 4,276 |
| Margins (\%) | 13.4 | 17.3 | 16.3 | 15.3 | 13.9 | 17.7 | 16.7 | 16.0 | 15.7 | 16.2 |
| Depreciation | 97 | 106 | 115 | 90 | 102 | 105 | 107 | 108 | -408 | 421 |
| Interest | 41 | 55 | 31 | 28 | 47 | 45 | 36 | 9 | -154 | 137 |
| Other Income | 53 | 38 | 33 | 71 | 77 | 45 | 44 | 89 | 259 | 255 |
| PBT | 554 | 851 | 891 | 834 | 721 | 1,085 | 1,121 | 1,046 | 3,195 | 3,973 |
| Tax | 80 | 123 | 115 | 54 | 100 | 155 | 150 | 111 | -373 | 517 |
| Rate (\%) | 14.5 | 14.5 | 12.9 | 6.5 | 13.9 | 14.3 | 13.4 | 10.6 | 11.7 | 13.0 |
| PAT | 474 | 727 | 776 | 780 | 621 | 930 | 971 | 935 | 2,822 | 3,457 |
| YoY Change (\%) | 37 | 16 | 17 | 23 | 31 | 28 | 25 | 20 | 24.5 | 23 |
| Minority Interest | 9 | -6 | 17 | -11 | 1 | 0 | 0 | 0 | 8.7 | 0 |
| Extraordinary Inc/(Exp) | 0 | 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reported PAT | 482 | 787 | 793 | 769 | 622 | 930 | 971 | 935 | 2,830 | 3,457 |

E: MOSt Estimates

# GlaxoSmithKline Consumer 

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> SKB IN |  |
| :--- | ---: | :---: |
|  | REUTERS CODE |  |
| S\&P CNX: 5,021 | GLSM.BO |  |
| Equity Shares (m) | 45.4 |  |
| 52-Week Range | $670 / 500$ |  |
| 1,6,12 Rel. Perf. (\%) | $-10 /-10 /-16$ |  |
| M.Cap. (Rs b) | 29.0 |  |
| M.Cap. (US\$ b) | 0.7 |  |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 639 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 11,119 | 1,268 | 30.2 | 18.4 | 21.2 | 4.9 | 22.9 | 35.1 | 2.2 | 13.1 |
| 12/07E | 12,628 | 1,451 | 34.5 | 14.4 | 18.5 | 4.2 | 22.7 | 35.9 | 1.8 | 10.9 |
| 12/08E | 13,916 | 1,642 | 39.1 | 13.2 | 16.4 | 3.6 | 22.2 | 35.1 | 1.6 | 9.4 |

2. We expect GSK Consumer to register sales of Rs 3.4b in 3QCY07 against Rs 3 b in 3QCY06, a growth of $12.8 \%$ Yo Y. $3.5 \%$ price increase in Horlicks will be the key growth driver.
\& EBITDA margins are expected to decline 160 bp to $17.8 \%$ in 3QCY07 primarily due to higher prices of milk and wheat. Milk prices have reported a sharp decline in the past one month; we expect sustained low prices to boost margins in the coming quarters.
\& GSK is expected to report PAT of Rs 406 m in 3QCY07 against Rs 362 m in 3QCY06, a growth of $12.1 \%$ YoY.
\& The stock is currently trading at $18.5 x$ CY07E earnings and $16.4 x$ CY08E earnings. We maintain our Buy rating on the stock.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E DECEMBER | CY06 |  |  |  | CY07 |  |  |  | CY06 | CY07E |
|  | 1 Q | 2 Q | 3 Q | 4Q | 1Q | 2 Q | 3QE | 4QE |  |  |
| Net Sales | 2,769 | 2,680 | 3,015 | 2,647 | 3,265 | 3,156 | 3,400 | 2,807 | 11,119 | 12,628 |
| YoY Change (\%) | 24.2 | 10.4 | 16.5 | 9.2 | 17.9 | 17.8 | 12.8 | 6.0 | 15.0 | 13.6 |
| Total Exp | 2,189 | 2,218 | 2,486 | 2,372 | 2,641 | 2,571 | 2,790 | 2,504 | 9,274 | 10,506 |
| EBITDA | 580 | 462 | 528 | 275 | 624 | 585 | 610 | 303 | 1,845 | 2,122 |
| Margins (\%) | 20.9 | 17.2 | 19.5 | 10.4 | 19.1 | 18.5 | 17.9 | 10.8 | 16.6 | 16.8 |
| Depreciation | 104 | 105 | 109 | 108 | 108 | 109 | 107 | 107 | 427 | 431 |
| Interest | 8 | 9 | 10 | 8 | 11 | 11 | 9 | 4 | 35 | 35 |
| Other Income | 72 | 142 | 139 | 169 | 139 | 166 | 162 | 141 | 522 | 608 |
| PBT | 540 | 490 | 548 | 328 | 644 | 631 | 656 | 333 | 1,904 | 2,264 |
| Tax | 196 | 181 | 185 | 76 | 221 | 208 | 250 | 134 | 637 | 813 |
| Rate (\%) | 36.2 | 37 | 33.8 | 23.2 | 34.3 | 33.0 | 38.1 | 40.2 | 33.5 | 35.9 |
| PAT | 345 | 309 | 362 | 252 | 423 | 423 | 406 | 199 | 1,267 | 1,451 |
| YoY Change (\%) | 67.9 | 6.4 | 19.7 | 17.9 | 22.8 | 36.8 | 12.1 | -21.0 | 18.4 | 14.5 |

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

# Godrej Consumer Products 

| Stock info. B | bloomberg |
| :---: | :---: |
| BSE Sensex: 17,291 | GCPL IN |
|  | reuters code |
| S\&P CNX: 5,021 G | GOCP.BO |
| Equity Shares (m) | 226.4 |
| 52-Week Range | 193/129 |
| 1,6,12 Rel. Perf. (\%) | \%) -14/-38/-60 |
| M.Cap. (Rs b) | 32.0 |
| M.Cap. (US\$ b) | 0.8 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 141 |
| 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 | 9,532 | 1,342 | 5.9 | 12.5 | 23.8 | 29.5 | 123.8 | 90.8 | 3.4 | 18.1 |
| 3/08E | 11,564 | 1,597 | 7.1 | 19.0 | 20.0 | 29.2 | 145.8 | 118.5 | 2.8 | 15.7 |
| 3/09E | 13,017 | 1,880 | 8.3 | 17.8 | 17.0 | 28.4 | 167.0 | 125.8 | 2.4 | 13.5 |

* GCPL is expected to report revenue growth of $20 \%$ Yo Y to Rs 2.8 b in 2QFY08. EBITDA margins are expected to be $17 \%$ versus $17.1 \%$ in 2QFY08, on account of higher input prices. We expect the company to report PAT of Rs 371 m , a growth of $19.7 \%$ YoY.
\& We expect soaps to grow in high double-digits led by a 5-6\% price increase taken in the last quarter. Palm oil prices have been ruling steady at 2,500 ringgits/tonne; management has hinted at another price increase in the coming months.
* Hair color portfolio continues to suffer due to higher growth in cream based colors, which is not an area of strength of the company. We expect new initiatives in the premium segment by the company, which would determine the longterm growth rates.
* GCPL has test launched shampoo under the No. 1 brand. In addition the company has also launched Erasmic shaving gel from the Keyline brands stable. Launch of premium products in personal care and tie with SCA for feminine hygiene and baby diapers augurs well for long-term strategy.
* Margin pressure in soaps, higher depreciation (due to new soap facility at Katha), interest burden due to acquisitions and slow growth in high margin hair color business has been impacting growth. The stock is currently trading at 20 x FY08E and 17x FY09E consolidated earnings. We maintain Neutral.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 2,376 | 2,318 | 2,380 | 2,424 | 2,863 | 2,800 | 2,950 | 2,951 | 9,532 | 11,564 |
| YoY Change (\%) | 41.7 | 47.6 | 29.3 | 26.6 | 20.5 | 20.8 | 23.9 | 21.7 | 36.2 | 21.3 |
| Total Exp | 1,955 | 1,922 | 1,865 | 1,993 | 2,352 | 2,325 | 2,350 | 2,487 | 7,735 | 9,513 |
| EBITDA | 421 | 397 | 516 | 431 | 511 | 475 | 600 | 465 | 1,798 | 2,051 |
| Margins (\%) | 17.7 | 17.1 | 21.7 | 17.8 | 17.9 | 17.0 | 20.3 | 15.7 | 18.9 | 17.7 |
| Depreciation | 31 | 31 | 36 | 45 | 44 | 40 | 42 | 62 | 142 | 188 |
| Interest | 18 | 26 | 33 | 20 | 35 | 19 | 12 | 4 | 96 | 70 |
| Other Income | 8 | 28 | 17 | 6 | 13 | 15 | 10 | 9 | 27 | 47 |
| PBT | 381 | 369 | 464 | 372 | 445 | 431 | 556 | 408 | 1,586 | 1,840 |
| Tax | 53 | 59 | 68 | 64 | 59 | 60 | 75 | 49 | 243 | 243 |
| Rate (\%) | 13.9 | 15.9 | 14.6 | 17.3 | 13.1 | 13.9 | 13.5 | 12.1 | 15.3 | 13.2 |
| PAT | 328 | 310 | 396 | 308 | 386 | 371 | 481 | 358 | 1,343 | 1,597 |
| YoY Change (\%) | 21.0 | 11.5 | 10.5 | 2.3 | 17.7 | 19.7 | 21.5 | 16.4 | 12.5 | 18.9 |
| Extraordinary Expenses | 13 | 0 | 0 | 86 | 0 | 0 | 0 | 0 | 99 | 0 |
| Reported PAT | 315 | 310 | 396 | 394 | 386 | 371 | 481 | 358 | 1,441 | 1,597 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> HUVR IN |
| :--- | ---: |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | HLL.BO |
| Equity Shares (m) | $2,206.8$ |
| 52-Week Range | $262 / 166$ |
| 1,6,12 Rel. Perf. (\%) | $-7 /-23 /-54$ |
| M.Cap. (Rs b) | 484.1 |
| M.Cap. (US\$ b) | 12.2 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 219 |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES <br> (RS M) | PAT* <br> (RS M) | EPS* <br> (RS) | EPS GROWTH (\%) | $\begin{aligned} & \text { P/E } \\ & (X) \end{aligned}$ | $\begin{gathered} \mathrm{P} / B V \\ (\mathrm{X}) \end{gathered}$ | RoE <br> (\%) | Roce <br> (\%) | $\begin{aligned} & \text { EV/ } \\ & \text { SALES } \end{aligned}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 12/06A | 121,034 | 15,397 | 7.0 | 17.5 | 31.4 | 17.8 | 56.5 | 67.0 | 3.8 | 27.7 |
| 12/07E | 136,539 | 17,978 | 8.1 | 16.8 | 26.9 | 16.6 | 61.5 | 74.2 | 3.3 | 23.7 |
| 12/08E | 149,183 | 19,187 | 9.2 | 13.2 | 23.9 | 15.4 | 64.5 | 78.6 | 3.0 | 20.5 |

* Pre-exceptionals
\& We expect HUL to report $12 \%$ YoY increase in sales for 3 QCY07 to Rs 34.3 b. EBITDA margins are expected to expand by 10 bp to $13.2 \%$ in 3 QCY 07 . Adjusted PAT at Rs 4.4 b is expected to grow $15.4 \%$.
\& We expect soaps and detergents to maintain double-digit growth. Margins could come under pressure due to strong prices in LAB, soda ash and palm oil.
\& Personal care is expected to post yet another quarter of single-digit sales growth. Lockout at Doom Dooma facility (accounts for $30 \%$ of production) will impact margins. Profitability will also get impacted by launch of Dove shampoos and skin care products.
\& We expect Foods and Ice creams to maintain high double-digit growth (excluding modern foods). Coffee business is expected to maintain its growth momentum.
* We would watch out for the advertising spends during the quarter. Our CY07 estimates factor in flat ad spend to sales ( $10.5 \%$ ) whereas ad spend ( $\%$ of sales) has declined by 150 bp in 2QCY07 and 60bp in 1 HCY 07 .
* The stock is currently trading 26.9x CY07E earnings and 23.9x CY08E earnings. Lack of new initiatives in the foods segment and low growth in personal care are negative for the long-term prospects of the company. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E DECEMBER | CY06 |  |  |  | CY07 |  |  |  | CY06 | CY07E |
|  | 1Q | 2 Q | 30 | 4 Q | 1Q | 2 Q | 3QE | 4QE |  |  |
| Net Sales (incl service inc) | 27,981 | 30,832 | 30,660 | 31,561 | 31,843 | 34,814 | 34,340 | 35,542 | 121,034 | 136,539 |
| YoY Change (\%) | 11.6 | 8.7 | 12.2 | 6.1 | 13.8 | 12.9 | 12.0 | 12.6 | 9.4 | 12.8 |
| Total Expenditure | 24,675 | 26,686 | 26,631 | 26,561 | 28,224 | 29,695 | 29,790 | 29,833 | 104,553 | 117,541 |
| EBITDA | 3,306 | 4,146 | 4,029 | 5,000 | 3,620 | 5,120 | 4,550 | 5,709 | 16,481 | 18,999 |
| YoY Change (\%) | 35.8 | 19.9 | 17.0 | 3.8 | 9.5 | 23.5 | 12.9 | 14.2 | 14.2 | 15.3 |
| Margins (\%) | 11.8 | 13.4 | 13.1 | 15.8 | 11.4 | 14.7 | 13.2 | 16.1 | 13.6 | 13.9 |
| Depreciation | 339 | 301 | 320 | 342 | 329 | 333 | 335 | 355 | 1,302 | 1,352 |
| Interest | 21 | 34 | 34 | 18 | 51 | 110 | 25 | 13 | 107 | 200 |
| Other Income | 694 | 814 | 968 | 1,070 | 908 | 1,063 | 1,250 | 1,353 | 3,545 | 4,575 |
| PBT | 3,640 | 4,625 | 4,643 | 5,709 | 4,147 | 5,739 | 5,440 | 6,695 | 18,617 | 22,022 |
| Tax | 700 | 833 | 812 | 875 | 809 | 1,020 | 1,020 | 1,194 | 3,220 | 4,043 |
| Rate (\%) | 19.2 | 18.0 | -17.5 | 15.3 | 19.5 | 18.5 | 18.8 | 17.8 | 17.3 | 18.4 |
| Adjusted PAT | 2,940 | 3,793 | 3,830 | 4,834 | 3,339 | 4,719 | 4,420 | 5,501 | 15,397 | 17,978 |
| YoY Change (\%) | 32.4 | 26.2 | 17.7 | 10.2 | 13.6 | 24.4 | 15.4 | 13.8 | 17.5 | 16.8 |
| Extraordinary Inc/(Exp) | 1,489 | 13 | 1,377 | 278 | 590 | 212 | 0 | 0 | 3,157 | 802 |
| Reported Profit | 4,429 | 3,806 | 5,208 | 5,112 | 3,929 | 4,931 | 4,420 | 5,501 | 18,554 | 18,780 |
| YoY Change (\%) | 77.0 | 35.1 | 59.8 | -1.9 | -11.3 | 29.6 | -15.1 | 7.6 | 31.8 | 1.2 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> ITC IN |  |
| :--- | ---: | :---: |
|  | REUTERS CODE |  |
| S\&P CNX: 5,021 | ITC.BO |  |
| Equity Shares (m) | $3,762.2$ |  |
| 52-Week Range | $196 / 140$ |  |
| 1,6,12 Rel. Perf. (\%) | $-2 /-2 /-37$ |  |
| M.Cap. (Rs b) | 713.7 |  |
| M.Cap. (US\$ b) | 17.9 |  |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 190 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |
| 3/07A | 123,693 | 27,000 | 7.2 | 18.4 | 26.4 | 6.8 | 25.9 | 35.4 | 5.5 | 17.1 |
| 3/08E | 143,840 | 30,686 | 8.2 | 13.7 | 23.3 | 6.0 | 25.7 | 35.3 | 4.7 | 14.9 |
| 3/09E | 175,298 | 36,260 | 9.6 | 18.5 | 19.7 | 5.2 | 26.6 | 36.5 | 3.7 | 12.3 |

* Pre-exceptionals
$\approx$ We expect ITC to post $16 \%$ Yo Y growth in revenues in 2QFY08 to Rs 33.5b. EBITDA margins are expected to decline by 130bp YoY to $32.4 \%$ in 2QFY08, mainly due to the investment mode in New FMCG and Agri businesses. PAT is expected to increase by $15.1 \%$ to Rs 7.8 b .
* We expect cigarette business to report $4 \%$ volume decline during the quarter as the inventory de-stocking in 2 QFY 08 will result in lower volumes; we believe that increase in inventory ahead of price increases in April had resulted in lower de-growth. Our FY08 estimates factor in $3 \%$ decline in cigarette volumes.
\& Growth in paper and paperboard division will remain subdued since new capacity will be commissioned only in 2HFY08. Bingo and Sunfeast will continue to drive the growth in New FMCG businesses; we expect food products to post $60 \%$ growth in sales. ITC has entered the personal care segment with the launch of Fiama Di Wills' shampoo; we expect more product launches in the coming months.
* A gri products and rural retail are likely to remain in investment mode, with high double-digit sales growth but depressed margins. We expect Hotels to report $15 \%$ growth in sales and profits as the transition to Starwood brand has been completed.

2. We expect growth rates to accelerate from FY09 due to recovery in cigarette businesses and returns from new investments in Paper, Hotels and New FMCG. The stock is currently trading at 23.3x FY08E earnings and 19.7x FY09E earnings. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 20 | 30 | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 28,498 | 28,876 | 31,656 | 34,663 | 33,252 | 33,500 | 36,725 | 40,362 | 123,693 | 143,840 |
| YoY Change (\%) | 25.7 | 32.3 | 23.8 | 24.5 | 16.7 | 16.0 | 16.0 | 16.4 | 26.3 | 16.3 |
| Total Exp | 18,792 | 19,149 | 20,828 | 25,360 | 21,977 | 22,650 | 24,600 | 29,732 | 84,129 | 98,959 |
| EBITDA | 9,706 | 9,727 | 10,828 | 9,303 | 11,276 | 10,850 | 12,125 | 10,630 | 39,564 | 44,881 |
| Margins (\%) | 34.1 | 33.7 | 34.2 | 26.8 | 33.9 | 32.4 | 33.0 | 26.3 | 32.0 | 31.2 |
| Depreciation | 876 | 910 | 921 | 922 | 1,010 | 985 | 999 | 976 | 3,629 | 3,970 |
| Interest | 7 | 35 | -9 | -1 | -8 | 25 | 30 | 33 | 33 | 80 |
| Other Income | 849 | 795 | 698 | 1,023 | 1,016 | 900 | 765 | 1,155 | 3,365 | 3,836 |
| PBT | 9,672 | 9,578 | 10,614 | 9,404 | 11,289 | 10,740 | 11,861 | 10,777 | 39,267 | 44,667 |
| Tax | 3,149 | 2,782 | 3,440 | 2,897 | 3,461 | 2,920 | 3,950 | 3,650 | 12,267 | 13,981 |
| Rate (\%) | 32.6 | 29.0 | 32.4 | 30.8 | 30.7 | 27.2 | 33.3 | 33.9 | 31.2 | 31.3 |
| Reported PAT | 6,523 | 6,796 | 7,174 | 6,507 | 7,829 | 7,820 | 7,911 | 7,127 | 27,000 | 30,686 |
| Adjusted PAT | 6,523 | 6,796 | 7,174 | 6,507 | 7,829 | 7,820 | 7,911 | 7,127 | 27,000 | 30,686 |
| YoY Change (\%) | 21.1 | 18.7 | 33.6 | 14.7 | 20.0 | 15.1 | 10.3 | 9.5 | 18.4 | 13.7 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> MRCO IN |  |
| :--- | ---: | :---: |
|  | REUTERS CODE |  |
| S\&P CNX: 5,021 | MRCO.BO |  |$\quad$| Equity Shares (m) | 609.0 |
| :--- | ---: |
| 52-Week Range | $68 / 49$ |
| 1,6,12 Rel. Perf. (\%) | $-13 /-31 /-20$ |
| M.Cap. (Rs b) | 37.0 |
| M.Cap. (US\$ b) | 0.9 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs61 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 15,569 | 1,195 | 2.0 | 13.1 | 29.9 | 23.2 | 74.9 | 41.7 | 2.5 | 18.2 |
| 3/08E | 19,017 | 1,604 | 2.6 | 27.9 | 23.4 | 15.4 | 66.6 | 51.9 | 2.0 | 14.7 |
| 3/09E | 21,824 | 1,989 | 3.2 | 24.0 | 18.8 | 10.8 | 58.0 | 60.0 | 1.7 | 12.1 |

25 We expect Marico to report sales of Rs 4.6 b in 2QFY08 v/s Rs 3.8 b in 2QFY07, a growth of $23 \%$ YoY. EBITDA margins are expected to be $15.1 \%$ for 2QFY08 against $16 \%$ in 2QFY07. PAT is expected to be Rs 426 m in 2QFY08 against Rs 306 m in 2QFY07, a growth of $39.2 \%$ Yo Y.
\& We expect Parachute, hair oils and Saffola to maintain double-digit growth. Growth will get a boost from acquisition of hair care companies in Egypt in FY07. High-margin hair care business in Egypt will cushion margin decline due to high copra prices to $90 b$ p.

* Kaya Skin care is likely to be a significant growth driver even as Marico plans to set up 15-20 new Kaya stores this year. Marico plans to launch new kind of health care centre called Kaya Life which can delay the turnaround plans of this vertical.

2. Marico has one of the most consistent growth and best product pipelines. The stock is currently trading at 23.4 x FY08E earnings and 18.8x FY09E earnings. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 20 | $3 Q$ | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Net Sales | 3,728 | 3,780 | 4,092 | 3,970 | 4,691 | 4,650 | 5,000 | 4,676 | 15,569 | 19,017 |
| YoY Change (\%) | 37.7 | 37.5 | 36.2 | 33.4 | 25.8 | 23.0 | 22.2 | 17.8 | 36.6 | 22.1 |
| Total Exp | 3,165 | 3,174 | 3,541 | 3,558 | 4,031 | 3,950 | 4,350 | 4,059 | 13,438 | 16,390 |
| EBITDA | 563 | 605 | 551 | 412 | 660 | 700 | 650 | 617 | 2,131 | 2,627 |
| Margins (\%) | 15.1 | 16.0 | 13.5 | 10.4 | 14.1 | 15.1 | 13.0 | 13.2 | 13.7 | 13.8 |
| Depreciation | 112 | 127 | 168 | 115 | 58 | 85 | 95 | 105 | 522 | 343 |
| Interest | 48 | 57 | 54 | 47 | 71 | 65 | 55 | 53 | 206 | 244 |
| Other Income | 11 | 1 | 3 | 87 | 7 | 16 | 17 | 31 | 102 | 71 |
| PBT | 414 | 422 | 332 | 337 | 539 | 566 | 517 | 490 | 1,505 | 2,112 |
| Tax | 111 | 116 | 55 | 28 | 136 | 140 | 125 | 106 | 310 | 508 |
| Rate (\%) | 26.8 | 27.5 | 16.6 | 8.3 | 25.3 | 24.7 | 24.2 | 21.7 | 20.6 | 24.1 |
| Adjusted PAT | 303 | 306 | 277 | 309 | 402 | 426 | 392 | 384 | 1,195 | 1,604 |
| YoY Change (\%) | 30.6 | 50.7 | -22.8 | 23.0 | 32.9 | 39.2 | 41.5 | 24.0 | 52.0 | 34.2 |
| Exceptional Items | 0 | -45 | 7 | -28 | 0 | 0 | 0 | 0 | -66 | - |
| Reported PAT | 303 | 261 | 284 | 281 | 402 | 426 | 392 | 384 | 1,129 | 1,604 |

E: MOSt Estimates

# Nestle India 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | NEST IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | NEST.BO |


| Equity Shares (m) | 96.4 |
| :--- | ---: |
| 52-Week Range | $1,387 / 876$ |
| 1,6,12 Rel. Perf. (\%) | $-7 / 10 /-13$ |
| M.Cap. (Rs b) | 127.7 |
| M.Cap. (US\$ b) | 3.2 |

28 September 2007

| Previous Recommendation: Buy |  |  |  |  |  |  |  |  | Rs 1,324 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{aligned} & \text { PAT* } \\ & \text { (RS M) } \end{aligned}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | EPS <br> GROWTH (\%) | $\begin{gathered} \mathrm{P} / \mathrm{E} \\ (\mathrm{X}) \end{gathered}$ | $\begin{gathered} \mathrm{P} / \mathrm{BV} \\ (\mathrm{X}) \end{gathered}$ | RoE <br> (\%) | ROCE <br> (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 12/06A | 28,161 | 3,269 | 33.9 | -0.6 | 39.1 | 21.0 | 53.8 | 79.0 | 4.5 | 23.5 |
| 12/07E | 34,723 | 4,213 | 43.7 | 28.9 | 30.3 | 18.7 | 61.8 | 91.5 | 3.6 | 18.3 |
| 12/08E | 40,123 | 5,184 | 53.8 | 23.0 | 24.6 | 16.8 | 68.3 | 101.3 | 3.1 | 15.0 |

* excluding extraordinary items and provisions

2. Nestle is expected to report net sales growth of $21.2 \%$ YoY in 3QCY07. Domestic revenues are expected to grow by $22.6 \%$ YoY while exports growth is assumed at $7 \%$. EBITDA margins at $20.1 \%$ are expected to increase by 40 bp YoY due to leverage benefits. Adjusted PAT is expected to increase $22.1 \%$ Yo Y to Rs $1,065 \mathrm{~m}$ in 3QCY07.

* Noodles and Chocolates are expected to record high double-digit growth while milk products and nutrition is expected to grow at less than mid-teens. High volume growth will result in margin expansion despite high prices of wheat and milk.
* The new products launch continues to gain traction as the company launched Nesvita Dahi, Polo Zero and Cinnamon and Tang Eez candies. Growing pace of new launches infuses confidence in the future prospects of the company. Increasing focus on health and wellness in the product portfolio is expected to result in sustained volume growth in excess of mid-teens.

2. We expect launch of high-margin value-added variants to boost profit margins in the coming years. We believe Nestle is on the verge of sharp increase in growth rates on a sustained basis. The stock is currently trading 30.3x CY07E earnings and 24.6x CY08E earnings. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E december | CY06 |  |  |  | CY07 |  |  |  | CY06 | CY07E |
|  | 1 Q | 2 Q | 30 | 4 Q | $1 Q$ | 2 Q | 3QE | 4QE |  |  |
| Gross Sales (incl Excise) | 7,210 | 7,037 | 7,506 | 7,688 | 8,994 | 8,693 | 9,076 | 9,366 | 29,442 | 36,129 |
| YoY Change (\%) | 10.0 | 7.8 | 12.4 | 15.1 | 24.7 | 23.5 | 20.9 | 21.8 | 11.4 | 22.7 |
| Less: Excise | 451 | 225 | 279 | 326 | 363 | 304 | 315 | 424 | 1,281 | 1,406 |
| Net Sales | 6,759 | 6,812 | 7,227 | 7,362 | 8,631 | 8,389 | 8,761 | 8,942 | 28,161 | 34,723 |
| YoY Change (\%) | 10.2 | 10.6 | 15.7 | 18.2 | 27.7 | 23.2 | 21.2 | 21.5 | 13.7 | 23.3 |
| Total Exp | 5,421 | 5,530 | 5,802 | 6,160 | 6,843 | 6,694 | 7,000 | 7,311 | 22,776 | 27,848 |
| EBITDA | 1,338 | 1,282 | 1,425 | 1,202 | 1,788 | 1,695 | 1,761 | 1,631 | 5,385 | 6,875 |
| Margins (\%) | 19.8 | 18.8 | 19.7 | 16.3 | 20.7 | 20.2 | 20.1 | 18.2 | 19.1 | 19.8 |
| Depreciation | 157 | 161 | 168 | 177 | 179 | 178 | 180 | 197 | -663 | 734 |
| Interest | 0 | 2 | 0 | 1 | 2 | 4 | 1 | -2 | -4 | 5 |
| Other income | 50 | 44 | 47 | 73 | 70 | 32 | 45 | 101 | 206 | 247 |
| PBT | 1,231 | 1,163 | 1,303 | 1,096 | 1,677 | 1,544 | 1,625 | 1,537 | 4,924 | 6,383 |
| Tax | 499 | 421 | 431 | 303 | 563 | 507 | 560 | 541 | 1,654 | 2,170 |
| Rate (\%) | 40.5 | 36.2 | 33.1 | 27.7 | 33.6 | 32.8 | 34.5 | 35.2 | 33.6 | 34.0 |
| Adjusted PAT | 732 | 742 | 872 | 793 | 1,114 | 1,037 | 1,065 | 997 | 3,270 | 4,213 |
| YoY Change (\%) | -14.2 | -16.0 | 9.9 | 1.7 | 52.1 | 39.8 | 22.1 | 25.7 | -0.7 | 28.9 |
| Extraordinary Inc/(Exp) | 154 | -7 | -42 | -169 | -30 | -20 | -70 | -159 | -119 | -278 |
| Reported PAT | 886 | 735 | 830 | 624 | 1,085 | 1,018 | 995 | 838 | 3,151 | 3,935 |
| YoY Change (\%) | 13.5 | -11.2 | 11.3 | -15.9 | 22.4 | 38.4 | 19.9 | 34.3 | 1.8 | 24.9 |

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

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | TT IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | TTTE.BO |


| Equity Shares (m) | 59.0 |
| :--- | ---: |
| 52-Week Range | $990 / 558$ |
| 1,6,12 Rel. Perf. (\%) | $-9 /-4 /-31$ |
| M.Cap. (Rs b) | 47.4 |
| M.Cap. (US\$ b) | 1.2 |

28 September 2007

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 802 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 50.6 | 2.3 | 15.9 | 2.2 | 14.0 | 9.9 | 1.4 | 7.8 |
| 3/08E | 40,073 | 2,651 | 44.9 | -11.2 | 17.9 | 1.3 | 6.8 | 11.4 | 1.0 | 5.5 |
| 3/09E | 42,932 | 4,648 | 78.7 | 75.4 | 10.2 | 1.2 | 10.9 | 14.5 | 0.8 | 4.4 |

* Pre-exceptionals

2. We expect Tata Tea to report sales of Rs 9.9 in 2QFY08, a growth of $1.6 \%$ YoY. We have taken into account sale of north India plantations. Domestic branded business is expected to grow in mid-teens due to success of branded portfolio.
\& EBITDA margins are expected to increase by 20 bp to $18.7 \%$ in 2 QFY08 due to higher contribution from Eight O'Clock Coffee, which has higher margins.

* However adjusted PAT will be lower on account of higher interest costs on fund borrowed for Glaceau acquisition. We expect adjusted PAT at Rs 530 m , a drop of $50.5 \%$ in 2QFY08.
\& We expect Glaceau stake sale to get completed by November 2007. We expect the company to repay half of the debt, while the rest is likely to be retained for acquisitions. We expect the company to undertake acquisitions in the tea, coffee and water verticals.
\& The stock is currently trading at $17.9 x$ FY08E earnings and $10.2 x$ FY09E earnings. The stock seems to be a good contrarian buy from a long term horizon despite its Neutral rating.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 20 | 3 Q | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Net Sales | 7,989 | 9,740 | 11,126 | 11,591 | 10,188 | 9,900 | 10,200 | 9,785 | 40,446 | 40,073 |
| YoY Change (\%) | 11.5 | 25.1 | 37.1 | 41.9 | 27.5 | 1.6 | -8.3 | -15.6 | 30.2 | -0.9 |
| Total Exp | 6,412 | 7,938 | 9,120 | 9,658 | 8,523 | 8,050 | 8,335 | 7,860 | 33,129 | 32,767 |
| EBITDA | 1,577 | 1,801 | 2,005 | 1,933 | 1,666 | 1,850 | 1,865 | 1,926 | 7,317 | 7,306 |
| Margins (\%) | 19.7 | 18.5 | 18.0 | 16.7 | 16.4 | 18.7 | 18.3 | 19.7 | 18.1 | 18.2 |
| Depreciation | 202 | 258 | 262 | 245 | 258 | 255 | 230 | 178 | 967 | 920 |
| Interest | 274 | 472 | 909 | 1,074 | 946 | 900 | 600 | 260 | 2,729 | 2,706 |
| Other Income | 75 | 210 | 68 | -296 | 100 | 205 | 105 | 98 | 587 | 508 |
| PBT | 1,175 | 1,282 | 901 | 319 | 562 | 900 | 1,140 | 1,586 | 4,207 | 4,188 |
| Tax | 322 | 268 | 393 | 93 | 140 | 280 | 345 | 491 | 1,076 | 1,256 |
| Rate (\%) | 27.4 | 20.9 | 43.6 | 29.2 | 25.0 | 31.1 | 30.3 | 31.0 | 25.6 | 30.0 |
| PAT | 853 | 1,014 | 508 | 226 | 421 | 620 | 795 | 1,095 | 3,131 | 2,932 |
| YoY Change (\%) | 32.3 | 2.0 | -36.1 | -60.2 | -50.6 | -38.9 | 56.4 | 385.3 | 19.2 | -6.4 |
| Minority Interest/ Share of Associate | -34 | 57 | -91 | -79 | -50 | -90 | -100 | -41 | -147 | -281 |
| Adjusted PAT | 819 | 1,071 | 418 | 146 | 371 | 530 | 695 | 1,054 | 2,985 | 2,651 |
| YoY Change (\%) | 31.0 | 3.8 | -49.8 | -72.8 | -54.7 | -50.5 | 66.4 | 620.2 | 2.3 | -11.2 |
| Extraordinary Gains | -18 | 870 | 754 | 374 | 86 | 0 | 13,325 | 0 | 1,449 | 13,325 |
| Reported PAT | 801 | 1,941 | 1,172 | 520 | 457 | 530 | 14,020 | 1,054 | 4,434 | 15,975 |
| YoY Change (\%) | -7.3 | 91.8 | 44.2 | 1.0 | -43 | -72.7 | 1,096 | 103 | 48.2 | 260.3 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | UNSP IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | UNSP.BO |

Equity Shares (m) 94.5

| 52-Week Range | $1,862 / 584$ |
| :--- | ---: |
| 1,6,12 Rel. Perf. (\%) | $11 / 81 / 145$ |


| M.Cap. (Rs b) | 164.9 |
| :--- | ---: |
| M.Cap. (US\$ b) | 4.1 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 27,119 | 2,318 | 25.4 | 517.0 | 68.8 | 13.2 | 17.2 | 15.8 | 5.6 | 34.5 |
| 3/08E | 48,655 | 3,973 | 44.1 | 74.0 | 39.6 | 10.0 | 22.4 | 22.0 | 4.2 | 19.9 |
| 3/09E | 59,703 | 6,290 | 69.9 | 58.3 | 25.0 | 7.0 | 20.0 | 26.0 | 3.6 | 16.3 |

FY08E \& FY09E includes White \& Mackay; * Excluding extraordinary items and provisions

* We expect Unitied Spirits to register $15.5 \%$ growth in topline to Rs 7.3 b in 2QFY08. EBITDA margins are likely to improve by 380 bp to $25.3 \%$ in 2QFY08; margins had increased 670bp in 1QFY08. We expect adjusted PAT to be at Rs 860 m in 2QFY08, a growth of $53 \%$. Above estimates do not include numbers of White \& Mackay.
\& We expect strong growth in the deluxe segment to benefit the flagship brand, McDowell Nol, which had grown by more than $35 \%$ during 1QFY08. In addition, premium brands like Black Dog, Antiquity, and vodka brands like Romanov, White Mischiefand Alcazar are expected to grow strongly. Strong growth in high-margin brands and low prices of molasses and ENA (extra neutral alcohol) will be key margin driver for the company.
\& Scotch prices continued to rule firm, which augurs well for the Whyte and Mackay numbers. We expect United Spirits to pay back debt taken in SPV to the tune of GBP200m from the sale of treasury stock after the merger of Shaw W allace. We expect the Shaw W allace merger and disposal of treasury to increase EPS by another 5-7\% from our current estimates.
* We believe that United Spirits continues to be best net in the liquor space in India. The stock is trading at 39.6 x FY08 and $25 x F Y 09$. We rate the stock our top pick in the consumer space.

| Quarterly performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Gross Sales (incl Excise) | 11,338 | 10,881 | 10,760 | 13,415 | 13,481 | 12,700 | 12,550 | 15,689 | 46,394 | 54,420 |
| YoY Change (\%) | 113.4 | 124.4 | 73.0 | 115.7 | 18.9 | 16.7 | 16.6 | 17.0 | 29.2 | 17.3 |
| Excise | 4,788 | 4,561 | 3,026 | 6,900 | 5,824 | 5,400 | 3,500 | 6,778 | 19,275 | 21,502 |
| YoY Change (\%) | 134 | 152 | 36 | 236.8 | 22 | 18.4 | 16 | -2 | 9.0 | 11.6 |
| Net Sales | 6,549 | 6,321 | 7,734 | 6,515 | 7,657 | 7,300 | 9,050 | 8,911 | 27,119 | 32,918 |
| Total Exp | 5,540 | 4,964 | 6,460 | 5,771 | 5,963 | 5,450 | 7,150 | 7,487 | 22,736 | 26,050 |
| EBITDA | 1,009 | 1,357 | 1,274 | 744 | 1,694 | 1,850 | 1,900 | 1,424 | 4,384 | 6,868 |
| Margins (\%) | 15.4 | 21.5 | 16.5 | 11.4 | 22.1 | 25.3 | 21.0 | 16.0 | 16.2 | 20.9 |
| Depreciation | 60 | 103 | 34 | 114 | 70 | 85 | 90 | 116 | 311 | 361 |
| Interest | 255 | 270 | 289 | 217 | 292 | 340 | 340 | 354 | 1,031 | 1,326 |
| PBT from Operations | 695 | 983 | 951 | 412 | 1,332 | 1,425 | 1,470 | 954 | 3,042 | 5,181 |
| YoY Change (\%) | 375 | 1,048 | 308 | 339 | 92 | 45 | 55 | 131 | 219 | 70 |
| Other Income | 36 | -7 | 143 | 360 | 49 | 15 | 165 | 370 | 530 | 599 |
| PBT | 731 | 976 | 1,094 | 772 | 1,380 | 1,440 | 1,635 | 1,324 | 3,572 | 5,780 |
| Tax | 279 | 413 | 325 | 236 | 505 | 580 | 510 | 494 | 1,254 | 2,089 |
| Rate (\%) | 38.2 | 42.3 | 29.7 | 30.6 | 36.6 | 40.3 | 31.2 | 37.3 | 35.1 | 36.1 |
| PAT | 451 | 563 | 769 | 535 | 876 | 860 | 1,125 | 830 | 2,318 | 3,691 |
| YoY Change (\%) | 335 | 900 | 350 | 202 | 94 | 53 | 46 | 55 | 179 | 59 |
| Extraordinary Inc/(Exp) | 0 | 0 | 2,657 | 0 |  | 0 | 0 | 0 | 2,657 | 0 |
| Reported PAT | 451 | 563 | 3,425 | 535 | 876 | 860 | 1,125 | 830 | 4,975 | 3,691 |

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

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# Information Technology 

BSE Sensex: 17,291

| COMPANY NAME | PG. |
| :--- | :---: |
| Geometric Software | 140 |
| HCL Technologies | 141 |
| Hexaware Technologies | 142 |
| i-flex solutions | 143 |
| Infosys | 144 |
| Infotech Enterprises | 145 |
| KPIT Cummins | 146 |
| MphasiS | 148 |
| Patni Computer | 149 |
| Sasken Communication | 150 |
| Satyam Computer | 151 |
| TCS | 152 |
| Tech Mahindra | 153 |
| Wipro |  |

With the rupee continuing to appreciate and supply remaining tight, margin pressures are expected to mount for the Indian IT services sector. Growing concerns over a possible economic slowdown in the US and its resultant impact on the sector have also added to the cautionary outlook on the sector. Comments on the same from top industry players are being keenly observed and would set the pace of growth for the rest of FY08.

## Rupee to remain top concern for the sector

The rupee has appreciated by a further $2.9 \%$ against the US dollar over June-September 2007, with sharp appreciation over the 10 days post the announcement of Fed rate cut. The appreciation over last quarter's average, however, is lower at $0.8 \%$, which is likely to result in lower impact on 2QFY08 numbers. However, this signals the trend of continued rupee appreciation over the next few quarters, which is likely to impact revenue realizations and margins for the sector.

THE RUPEE CONTINUES TO APPRECIATE V/S THE DOLLAR...


Source: OANDA

| EXPECTED QUARTERLY PERFORMANCE SUMMARY (QOQ) |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) |
| Information Technology |  |  |  |  |  |  |  |
| Geometric Software | Neutral | 1,209 | 7.1 | 126 | 60.7 | 53 | -54.9 |
| HCL Technologies | Buy | 17,516 | 8.7 | 3,651 | 5.1 | 3,079 | -36.7 |
| Hexaware | Under Review | 2,664 | 1.8 | 330 | 2.9 | 284 | 8.7 |
| i-flex solutions | Neutral | 5,786 | 8.8 | 944 | 29.6 | 731 | 76.1 |
| Infosys | Buy | 41,384 | 9.7 | 12,464 | 15.0 | 11,028 | 2.2 |
| Infotech Enterpr | Buy | 1,669 | 12.2 | 307 | 16.3 | 202 | 56.2 |
| KPIT Cummins Inf | Buy | 1,484 | 9.7 | 243 | 13.1 | 153 | 40.4 |
| MphasiS | Buy | 5,555 | 4.5 | 1,024 | 4.7 | 645 | 25.7 |
| Patni Computer | Neutral | 6,788 | 2.4 | 1,131 | -7.1 | 901 | -33.2 |
| Sasken Comm | Buy | 1,419 | 10.6 | 121 | 96.1 | 55 | -14.6 |
| Satyam Computer | Buy | 19,577 | 7.0 | 3,934 | -4.1 | 3,741 | -1.1 |
| TCS | Buy | 56,354 | 8.3 | 14,527 | 9.5 | 11,920 | 0.5 |
| Tech Mahindra | Under Review | 9,262 | 5.7 | 1,991 | 3.0 | 1,652 | -2.5 |
| Wipro | Buy | 46,939 | 12.2 | 10,001 | 12.3 | 8,400 | 18.2 |
| Sector Aggregate |  | 217,608 | 8.9 | 50,794 | 9.5 | 42,845 | -0.5 |

In addition to sharp appreciation against the US dollar, the rupee has appreciated against the British pound during the quarter by $1.7 \%$. However, the rupee has depreciated by close to $2 \%$ against the Euro. Most Indian players have relatively lower Euro exposure (primary exposure in Europe is towards the pound), and hence the benefits are likely to be negligible.


Source: OANDA

We expect an average impact of 20-25bp on operating marg ins due to rupee appreciation during the quarter. Most players have significantly increased their hedging positions post 4QFY07 in order to protect against rupee appreciation. We expect forex gains to continue to ease the decline in profitability for most players in 2QFY08.

We have assumed average realized Rs/US\$ rate of Rs 40.5 for 2QFY08 and we believe that average realized rate for 2 QFY08 will not be materially different from our estimate. However, we have assumed average realized Rs/US\$ rate of around Rs 40 for FY08 v/s the current rate of around Rs39.7. Therefore, we believe that there could be downside risk to our estimates for FY08 and FY09 due to rupee appreciation.

## Cost pressures show no signs of letting up

Most players completed their annual salary hike cycles in 1QFY08 (Wipro, Satyam will report hikes in 2QFY08), with average hikes of 3-5\% onsite and 13-16\% offs hore. While some players (TCS, Satyam) have expressed hopes of lower salary hikes in FY09, others, such as Infosys, have categorically ruled out such a possibility. The demand for IT professionals continues to remain high, which would keep salary costs and attrition levels high over the near term. We do not foresee any sharp decline in salary hikes in FY09 in a robust demand scenario. Besides, campus hires joining in FY09 would be at $10 \%$ higher than the freshers in FY08, which rules out the possibility of $<10 \%$ hikes in FY09.

## Industry not worried about de mand slowdown at present, global CIOs seem more willing to offshore in the event of US slowdown

Indian IT vendors are not witnessing any lead indicators of slowdown in IT spending due to fears of possible downturn in the US economy. RFP flows and contract renewals continue unabated at present across industry verticals for all vendors. Pricing scenario has also not thrown up any negative indicators that could point towards a demand slowdown. Industry reports predict that global CIOs would be more willing to offshore to lower cost destinations in the event of any slowdown in the US economy. We expect volume growth to remain strong for Indian IT services vendors in FY08 with robust order books for 2HFY08. M ost industry players are waiting for the October budgeting cycle to discern any indications of IT budgets being impacted for CY08.

## Valuation and view

Stock prices have corrected sharply and the sector has underperformed the Sensex over the quarter ended September. We expect continued rupee appreciation and increasing costs pressures to keep investor concerns high on the sector. Seasonal strong performance (in dollar terms) across the sector and any positive indications on CY08 IT budgets would only serve to act as short-term upsides, in our opinion. We continue to remain Neutral on the sector. Infosys and TCS are our top picks, given strong underlying volume growth backed by long-term initiatives to combat supply-side concerns.

|  | FY07 |  |  |  | FY08 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 2 Q | 30 | 4 Q | 10 | 2QE | 3QE | 4QE |
| Services Revenue (INR m) |  |  |  |  |  |  |  |  |
| TCS (Consolidated) | 41,443 | 44,822 | 48,605 | 51,464 | 52,029 | 56,354 | 60,226 | 63,326 |
| Wipro (Global IT Business) | 24,513 | 27,179 | 28,873 | 30,357 | 30,030 | 32,916 | 36,580 | 41,570 |
| Infosys (Consolidated) | 30,150 | 34,510 | 36,550 | 37,720 | 37,730 | 41,384 | 44,449 | 46,966 |
| Satyam (Consolidated) | 14,429 | 16,019 | 16,611 | 17,792 | 18,302 | 19,577 | 21,033 | 22,450 |
| HCL Tech. (Consolidated)* | 12,538 | 13,794 | 14,651 | 15,771 | 16,120 | 17,516 | 18,642 | 19,994 |
| Net Profit (INR m) |  |  |  |  |  |  |  |  |
| TCS (Consolidated) | 8,626 | 9,915 | 11,047 | 11,198 | 11,563 | 11,920 | 12,406 | 13,111 |
| Wipro (Consolidated) | 6,120 | 6,963 | 7,450 | 7,914 | 7,105 | 8,400 | 9,327 | 10,100 |
| Infosys (Consolidated) | 8,000 | 9,290 | 9,830 | 10,190 | 10,280 | 11,028 | 11,594 | 12,380 |
| Satyam (Consolidated) | 3,541 | 3,198 | 3,372 | 3,936 | 3,783 | 3,741 | 4,281 | 4,797 |
| HCL Tech. (Consolidated) | 2,331 | 2,501 | 2,863 | 3,318 | 4,867 | 3,079 | 3,200 | 3,611 |
| EBITDA Margin (\%) |  |  |  |  |  |  |  |  |
| TCS (Consolidated) | 24.4 | 27.4 | 28.3 | 28.3 | 25.5 | 25.8 | 25.8 | 25.9 |
| Wipro (Global IT Business) | 27.6 | 26.8 | 27.4 | 26.9 | 26.1 | 25.8 | 26.0 | 25.3 |
| Infosys (Consolidated) | 29.5 | 32.1 | 32.7 | 31.7 | 28.7 | 30.1 | 30.6 | 31.1 |
| Satyam (Consolidated) | 24.6 | 22.6 | 24.7 | 23.1 | 22.4 | 20.1 | 22.0 | 23.2 |
| HCL Tech. (Consolidated) | 22.5 | 21.7 | 22.1 | 23.3 | 21.6 | 20.8 | 20.4 | 21.5 |
| Volumes Growth (\%) |  |  |  |  |  |  |  |  |
| Wipro (Global IT Services only) | 5.5 | 7.9 | 9.3 | 5.4 | 6.5 | 9.7 | 12.0 | 14.0 |
| Infosys (Consolidated) | 7.5 | 11.0 | 9.7 | 3.8 | 6.8 | 9.5 | 8.7 | 7.0 |
| Satyam (Unconsolidated) | 7.0 | 10.7 | 8.1 | 9.0 | 8.1 | 7.3 | 7.0 | 6.0 |
| Recruitment |  |  |  |  |  |  |  |  |
| Wipro (Global IT Services only) | 2,841 | 5,328 | 3,489 | 1,041 | 2,719 | 4,302 | 6,294 | 8,261 |
| Infosys (Consolidated) | 5,694 | 7,741 | 3,282 | 2,809 | 3,730 | 10,457 | 2,694 | 3,676 |
| Satyam (Unconsolidated) | 1,123 | 4,025 | 2,746 | 2,350 | 2,006 | 3,129 | 2,304 | 2,063 |
| Utilization Rates (\%) |  |  |  |  |  |  |  |  |
| Wipro (Global IT Services only) | 71.8 | 68.9 | 66.5 | 68.2 | 74.5 | 73.0 | 73.0 | 73.0 |
| Infosys (Consolidated) | 71.1 | 67.5 | 67.5 | 67.9 | 70.5 | 71.1 | 71.25 | 73.5 |
| Satyam (Uncon-offsh - trainees) | ) 71.2 | 71.1 | 68.5 | 71.3 | 76.5 | 72.0 | 73.0 | 74.0 |


| Billing Rates (US\$/e mployee p.a) Onsite |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Wipro-Global IT Ser Only | 131,748 | 132,696 | 132,144 | 135,048 | 134,304 | 134,976 | 135,650 | 135,650 |
| Infosys - Consolidated | 133,157 | 134,968 | 137,063 | 140,395 | 141,888 | 141,888 | 141,888 | 141,888 |
| Satyam - Unconsolidated | 112,952 | 113,460 | 113,868 | 114,574 | 116,075 | 117,236 | 118,408 | 119,592 |
|  |  |  |  |  |  |  |  |  |
| Billing Rates (US\$/employee p.a) Offshore |  |  |  |  |  |  |  |  |
| Wipro-Global IT Ser Only | 51,012 | 50,472 | 50,268 | 50,568 | 50,556 | 50,809 | 51,063 | 51,190 |
| Infosys - Consolidated | 49,172 | 50,249 | 50,896 | 50,942 | 51,288 | 51,288 | 51,288 | 51,288 |
| Satyam - Unconsolidated | 46,472 | 46,569 | 46,625 | 46,961 | 47,646 | 48,123 | 48,724 | 49,334 |

Billing Rates Onsite Change (\%)

| Wipro - Global IT Ser Only | 0.8 | 0.7 | -0.4 | 2.2 | -0.6 | 0.5 | 0.5 | 0.0 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Infosys - Consolidated | 1.2 | 1.4 | 1.6 | 2.4 | 1.1 | 0.0 | 0.0 | 0.0 |
| Satyam - Unconsolidated | 0.3 | 0.4 | 0.4 | 0.6 | 1.3 | 1.0 | 1.0 | 1.0 |
| Billing Rate (Offshore) Change (\%) |  |  |  |  |  |  |  |  |
| Wipro - Global IT Ser Only | 0.5 | -1.1 | -0.4 | 0.6 | 0.0 | 0.5 | 0.5 | 0.3 |
| Infosys - Consolidated | 2.8 | 2.2 | 1.3 | 0.1 | 0.7 | 0.0 | 0.0 | 0.0 |
| Satyam - Unconsolidated | 0.2 | 0.2 | 0.1 | 0.7 | 1.5 | 1.0 | 1.3 | 1.3 |

Note: *HCL Tech's year end is June; \# Offshore with trainees

## 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 |  |  |  |  |  |  |
| Geometric Software | -22 | -11 | -41 | -51 | -15 | -16 |
| HCL Technologies | -10 | 9 | -29 | -30 | -3 | 5 |
| Hexaware | -24 | -21 | -43 | -61 | -17 | -26 |
| i-flex solutions | -26 | 32 | -45 | -8 | -18 | 28 |
| Infosys | -2 | 2 | -21 | -37 | 6 | -2 |
| Infotech Enterpr | -32 | 29 | -51 | -11 | -25 | 24 |
| KPIT Cummins Inf | -14 | 52 | -33 | 12 | -7 | 47 |
| MphasiS | -11 | 54 | -30 | 14 | -4 | 49 |
| Patni Computer | -8 | 21 | -27 | -18 | -1 | 17 |
| Sasken Comm.Tech | -29 | -16 | -49 | -55 | -22 | -20 |
| Satyam Computer | -5 | 9 | -25 | -31 | 2 | 4 |
| TCS | -7 | 4 | -26 | -36 | 0 | -1 |
| Tech Mahindra | -5 | 117 | -24 | 78 | 2 | 113 |
| Wipro | -11 | -12 | -30 | -51 | -4 | -16 |

RELATIVE PERFORMANCE - 3 MONTH (\%)
RELATIVE PERFORMANCE - 1 YEAR (\%)



| COMPARATIVE VALUATION |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} \hline \text { CMP (RS) } \\ 28.9 .07 \end{array}$ | RECO | EPS (RS) |  |  | P/E (X) |  |  | EV/EbItDA |  |  | ROE (\%) |  |  |
|  |  |  | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E |
| Information Technology |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Geometric Software | e 97 | Neutral | 6.1 | 6.8 | 9.5 | 16.0 | 14.3 | 10.3 | 10.4 | 10.1 | 6.1 | 20.9 | 18.0 | 21.6 |
| HCL Technologies | 300 | Buy | 18.9 | 19.0 | 22.8 | 15.9 | 15.8 | 13.1 | 13.2 | 10.4 | 8.1 | 29.9 | 25.8 | 27.4 |
| Hexaware | 125 | UR | 9.4 | 9.2 | 11.4 | 13.3 | 13.6 | 10.9 | 10.1 | 9.5 | 7.3 | 22.7 | 15.3 | 16.6 |
| i-flex solutions | 1,890 | Neutral | 33.2 | 39.8 | 55.1 | 56.9 | 47.5 | 34.3 | 41.9 | 33.6 | 24.0 | 15.3 | 13.8 | 16.7 |
| Infosys | 1,897 | Buy | 68.4 | 80.5 | 97.9 | 27.7 | 23.6 | 19.4 | 23.0 | 19.2 | 14.6 | 42.3 | 34.9 | 32.5 |
| Infotech Enterpr | 267 | Buy | 17.7 | 18.7 | 27.0 | 15.1 | 14.3 | 9.9 | 10.2 | 8.2 | 5.6 | 31.5 | 24.9 | 28.2 |
| KPIT Cummins Inf | 120 | Buy | 6.8 | 8.2 | 11.7 | 17.8 | 14.7 | 10.3 | 13.5 | 9.2 | 6.6 | 29.7 | 26.5 | 27.7 |
| MphasiS | 286 | Buy | 7.3 | 12.4 | 15.2 | 39.1 | 23.0 | 18.8 | 22.5 | 11.4 | 8.5 | 27.4 | 43.4 | 38.5 |
| Patni Computer | 470 | Neutral | 25.8 | 30.6 | 34.2 | 18.2 | 15.4 | 13.7 | 10.6 | 10.2 | 7.9 | 16.8 | 17.4 | 16.9 |
| Sasken Comm | 334 | Buy | 15.5 | 13.6 | 21.8 | 21.5 | 24.6 | 15.3 | 14.2 | 14.8 | 8.6 | 11.0 | 8.8 | 13.0 |
| Satyam Computer | 444 | Buy | 21.5 | 24.8 | 30.1 | 20.7 | 17.9 | 14.7 | 16.8 | 13.8 | 10.6 | 27.9 | 25.8 | 25.3 |
| TCS | 1,057 | Buy | 41.7 | 50.8 | 62.2 | 25.4 | 20.8 | 17.0 | 20.3 | 17.2 | 13.7 | 64.9 | 57.6 | 48.3 |
| Tech Mahindra | 1,331 | UR | 46.4 | 58.7 | 78.9 | 28.7 | 22.7 | 16.9 | 21.7 | 17.0 | 11.9 | 66.2 | 47.4 | 37.3 |
| Wipro | 460 | Buy | 19.7 | 23.8 | 29.4 | 23.3 | 19.4 | 15.6 | 18.1 | 14.7 | 11.0 | 32.4 | 30.3 | 29.8 |
| Sector Aggregate |  |  |  |  |  | 24.9 | 20.9 | 16.8 | 19.7 | 16.3 | 12.5 | 32.4 | 29.8 | 28.8 |

# Geometric Software 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 GMSS IN |  |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | GEOM.BO |


| Equity Shares (m) 52-Week Range | 61.3 $145 / 94$ | YEAR END * | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | EPS <br> (RS) | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{aligned} & \mathrm{P} / \mathrm{E} \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \mathrm{P} / \mathrm{BV} \\ (\mathrm{X}) \end{gathered}$ | ROE <br> (\%) | ROCE <br> (\%) | EV/ SALES | EV/ EBITDA |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1,6,12 Rel. Perf. (\%) | -17/-36/-51 | 3/07A | 3,831 | 374 | 6.1 | 53.4 | 16.0 | 2.8 | 20.9 | 16.2 | 1.8 | 10.5 |
| M.Cap. (Rs b) | 6.0 | 3/08E | 5,108 | 416 | 6.8 | 11.2 | 14.3 | 2.4 | 18.0 | 12.9 | 1.3 | 10.4 |
| M.Cap. (US\$ b) | 0.2 | 3/09E | 6,934 | 581 | 9.5 | 39.6 | 10.3 | 2.1 | 21.6 | 16.7 | 0.9 | 6.2 |

* Including Modern Engineering
\& We expect Geometric to report consolidated dollar revenue growth (including Modern Engineering) of 7\% QoQ after a $1.4 \%$ decline in QFFY08. Revenue from Modern Engineering should also show higher sequential growth following a weak 1QFY08.

8. Consolidated EBITDA margins are likely to expand 280bp due to pick-up in services revenue, and improved utilization and pricing improvement. We also anticipate reduction in losses in Modern Engineering.

* Consolidated net profit, which was boosted by high forex gains in 1QFY08, is likely to decline sharply to Rs 53 m in 2QFY08, due to absence of high forex income during the quarter.
* Though the demand environment for Geometric continues to be robust (as reflected in the recent deals in both the PLM and engineering segments), we believe slower revenue ramp ups and slower turnaround in Modern Engineering would dampen both revenue and margin over the next few quarters.
* The stock is currently trading at $14.3 x$ FY08E and $10.3 x$ FY09E diluted EPS. We expect muted revenue and margin expectations to result in the stock underperforming the sector over the near-medium term. We maintain Neutral.
\& Key issues: margins, integration of Modern Engineering

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08* |  |  |  | FY07* | FY 08E* |
|  | 1 Q | 2 Q | 3Q* | 4Q* | 1 Q | 2QE | 3QE | 4QE |  |  |
| Revenues | 721 | 800 | 1,067 | 1,243 | 1,129 | 1,209 | 1,362 | 1,407 | 3,831 | 5,108 |
| Q-o-Q Change (\%) | 12.8 | 10.9 | 33.5 | 16.4 | -9.1 | 7.1 | 12.6 | 3.3 | 71.4 | 33.3 |
| Total Operating Exps | 558 | 649 | 897 | 1,077 | 1,050 | 1,083 | 1,149 | 1,187 | 3,181 | 4,469 |
| Operating Profit | 163 | 151 | 170 | 166 | 79 | 126 | 213 | 220 | 650 | 639 |
| Margins (\%) | 22.6 | 18.8 | 15.9 | 13.4 | 7.0 | 10.4 | 15.7 | 15.7 | 17.0 | 12.5 |
| Other Income | -29 | 29 | 49 | 43 | 135 | 35 | 30 | 30 | 92 | 230 |
| Interest | 0 | 0 | 16 | 15 | 16 | 15 | 12 | 10 | 31 | 53 |
| Depreciation | 49 | 50 | 57 | 47 | 59 | 63 | 67 | 69 | 203 | 258 |
| PBT bef. Extra-ordinary | 85 | 130 | 146 | 146 | 139 | 83 | 165 | 171 | 507 | 558 |
| Provision for Tax | 10 | 14 | 22 | 26 | 3 | 11 | 21 | 22 | 68 | 57 |
| Rate (\%) | 11.8 | 10.6 | 15.0 | 17.9 | 1.8 | 13.0 | 13.0 | 13.0 | 13.5 | 10.2 |
| Minority Interest | 11 | 15 | 19 | 19 | 20 | 20 | 22 | 23 | 64 | 85 |
| Net Income bef. EO | 63 | 101 | 105 | 101 | 117 | 53 | 121 | 126 | 374 | 416 |
| Q-o-Q Change (\%) | -40.6 | 59.0 | 4.5 | -4.3 | 15.5 | -54.9 | 130.1 | 4.5 | 66.5 | 11.2 |

E: MOSt Estimates; * Including Modern Engg.

## HCL Technologies

| STOCK INFO. <br> BSE Sensex: 17,291 | BLOOMBERG |
| :---: | :---: |
|  | T IN |
|  | TERS CODE |
| S\&P CNX: 5,021 H | T.BO |
| Equity Shares (m) | 663.7 |
| 52-Week Range | 366/267 |
| 1,6,12 Rel. Perf. (\%) | -13/-30/-30 |
| M.Cap. (Rs b) | 199.0 |
| M.Cap. (US\$ b) | 5.0 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{array}{r} \text { Buy } \\ \text { Rs } 300 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |
| 6/07A | 60,336 | 12,543 | 18.9 | 72.8 | 16.3 | 4.0 | 29.9 | 33.2 | 2.9 | 13.2 |
| 6/08E | 77,772 | 12,868 | 19.0 | 0.7 | 16.2 | 3.5 | 25.8 | 28.8 | 2.2 | 10.4 |
| 6/09E | 100,874 | 15,735 | 22.8 | 19.9 | 13.1 | 3.2 | 27.4 | 30.9 | 1.7 | 8.1 |

* After ESOP charges
* We expect HCL Technologies to post $8.7 \% \mathrm{QoQ}$ growth in consolidated dollar revenue, driven by strong volume growth across service lines.
\& Software services are likely to grow $8.9 \%$ QoQ in dollar terms, backed by $7.5 \%$ volume growth QoQ. Infrastructure services and BPO should grow $11.6 \%$ QoQ and $6 \%$ QoQ, respectively in dollar terms.
\& We expect consolidated EBITDA margins to decline 70bp primarily due to salary hikes during the quarter.
* The company booked forexgains to the extent of Rs 2.5 b in 4QFY07, which pushed up other income. In 1QFY08, we expect this to be muted; since the last quarter's other income included unrealized forex gains as well.
* Net profit is likely to decline $37 \%$ QoQ (after ESOP charges) in rupee terms due to lower other income versus the previous quarter.
$\approx$ The stock trades at $16.2 x$ FY08E and 13.1x FY09E earnings (after ESOP charges). We remain convinced of HCL Tech's ability to outperform in the large deal space, along with greater client mining and new deal wins. We reiterate Buy.
* Key issues: margins, BPO growth, attrition rate

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E June | FY07 |  |  |  | FY08E |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4 Q | $1 Q$ | 2 Q | $3 Q$ | 4Q |  |  |
| Revenues | 13,794 | 14,651 | 15,771 | 16,120 | 17,516 | 18,642 | 19,994 | 21,621 | 60,336 | 77,772 |
| Q-o-Q Change (\%) | 10.0 | 6.2 | 7.6 | 2.2 | 8.7 | 6.4 | 7.3 | 8.1 | 37.5 | 28.9 |
| Direct Expenses | 8,709 | 9,107 | 9,737 | 10,039 | 11,121 | 12,022 | 12,770 | 13,823 | 37,592 | 49,736 |
| Sales, General \& Admin. Exp. | 2,098 | 2,303 | 2,366 | 2,607 | 2,744 | 2,811 | 2,925 | 3,086 | 9,374 | 11,566 |
| Operating Profit | 2,987 | 3,241 | 3,668 | 3,474 | 3,651 | 3,809 | 4,299 | 4,711 | 13,370 | 16,470 |
| Margins (\%) | 21.7 | 22.1 | 23.3 | 21.6 | 20.8 | 20.4 | 21.5 | 21.8 | 22.2 | 21.2 |
| Other Income | 290 | 481 | 615 | 2,873 | 525 | 551 | 579 | 608 | 4,259 | 2,263 |
| Depreciation | 556 | 623 | 659 | 693 | 724 | 772 | 830 | 898 | 2,531 | 3,224 |
| PBT bef. Extra-ordinary | 2,721 | 3,099 | 3,624 | 5,654 | 3,452 | 3,588 | 4,048 | 4,421 | 15,098 | 15,509 |
| Provision for Tax | 219 | 206 | 283 | 777 | 362 | 377 | 425 | 464 | 1,485 | 1,628 |
| Rate (\%) | 8.0 | 6.6 | 7.8 | 13.7 | 10.5 | 10.5 | 10.5 | 10.5 | 9.8 | 10.5 |
| Share of Income from Eq. Investee | - 4 | -7 | -3 | -3 | -3 | -3 | -4 | -4 | -9 | -14 |
| Minority Interest | 5 | 23 | 20 | 7 | 7 | 8 | 8 | 9 | 55 | 32 |
| PAT bef. EO \& ESOP Chrg. | 2,501 | 2,863 | 3,318 | 4,867 | 3,079 | 3,200 | 3,611 | 3,945 | 13,549 | 13,835 |
| Q-o-Q Change (\%) | 7.3 | 14.5 | 15.9 | 46.7 | -36.7 | 3.9 | 12.8 | 9.2 | 75.2 | 2.1 |

E: MOSt Estimates

# Hexaware Technologies 

| STOCK INFO. <br> BSE Sensex: 17,291 | BLOOMBERG |
| :---: | :---: |
|  | HEXW IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 H | HEXT.BO |
| Equity Shares (m) | 133.2 |
| 52-Week Range | 205/111 |
| 1,6,12 Rel. Perf. (\%) | \%) -14/-58/-61 |
| M.Cap. (Rs b) | 16.6 |
| M.Cap. (US\$ b) | 0.4 |

28 September 2007
Under Review

| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs 125 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |
| 12/06A | 8,482 | 1,242 | 9.4 | 29.8 | 13.3 | 2.2 | 22.7 | 24.8 | 1.6 | 10.0 |
| 12/07E | 10,674 | 1,223 | 9.2 | -2.3 | 13.6 | 1.9 | 15.3 | 17.8 | 1.3 | 9.4 |
| 12/08E | 12,792 | 1,514 | 11.4 | 23.8 | 10.9 | 1.7 | 16.6 | 19.3 | 1.0 | 7.3 |

Including Focus Frame
2 We expect Hexaware to post dollar revenue growth of $2 \% \mathrm{QoQ}$ (the company refrained from giving guidance), as it grapples with issues in two top clients and Focus Frame, which amount to about $25 \%$ of revenue. We expect 3QCY07 to be the weakest quarter (in dollar terms) in the year for Hexaware.

25 Margins, which declined 270bp in 2QCY07 due to salary hikes ( $5 \%$ onsite, $17.5 \%$ offshore) and rupee appreciation are expected to stay flat during the quarter due to sluggish revenue growth and continued cost pressures.
2. Net profit is expected to increase $8.7 \%$ QoQ to Rs 284 m due to decline in tax rates during the quarter.
\& The stock is currently trading at 13.6 x CY07E and 10.9 x CY08E (fully diluted) earnings. We are disappointed by the prospects of slower volume growth over the next few quarters given the low revenue visibility at present. We are currently reviewing our recommendation on Hexaware Technologies.

Key issues: margins, organic growth, attrition rate

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/e december | CY06 |  |  |  | CY07* |  |  |  | CY06* | CY07E* |
|  | 1 Q | 2 Q | 3 Q | 4Q* | 1Q | 2 Q | 3QE | 4QE |  |  |
| Revenues | 1,762 | 2,069 | 2,250 | 2,402 | 2,644 | 2,616 | 2,664 | 2,750 | 8,482 | 10,674 |
| Q-o-Q Change (\%) | 1.2 | 17.4 | 8.7 | 6.8 | 10.1 | -1.0 | 1.8 | 3.3 | 25.0 | 25.8 |
| Direct Expenses | 1,080 | 1,324 | 1,412 | 1,501 | 1,603 | 1,663 | 1,708 | 1,740 | 5,318 | 6,714 |
| Sales, General \& Admin. Exp. | 388 | 434 | 477 | 544 | 645 | 633 | 626 | 633 | 1,842 | 2,536 |
| Operating Profit | 294 | 311 | 361 | 357 | 395 | 321 | 330 | 378 | 1,322 | 1,424 |
| Margins (\%) | 16.7 | 15.0 | 16.0 | 14.9 | 15.0 | 12.3 | 12.4 | 13.8 | 15.6 | 13.3 |
| Other Income | 35 | 46 | 80 | 79 | 68 | 50 | 55 | 60 | 241 | 234 |
| Depreciation | 46 | 46 | 55 | 53 | 56 | 58 | 59 | 61 | 200 | 233 |
| PBT bef. Extra-ordinary | 282 | 311 | 385 | 384 | 407 | 313 | 326 | 378 | 1,363 | 1,424 |
| Provision for Tax | 22 | 13 | 39 | 46 | 55 | 52 | 42 | 51 | 120 | 201 |
| Rate (\%) | 7.8 | 4.3 | 10.0 | 12.0 | 13.5 | 16.6 | 13.0 | 13.5 | 8.8 | 14.1 |
| Net Income | 260 | 298 | 347 | 338 | 352 | 261 | 284 | 327 | 1,242 | 1,224 |
| Q-o-Q Change (\%) | 5.1 | 14.4 | 16.5 | -2.7 | 4.3 | -25.8 | 8.7 | 15.1 | 35.8 | -1.5 |

E: MOSt Estimates, * Including Focus Frame

# i-flex solutions 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | IFLEX IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | IFLX.BO |


| Equity Shares (m) | 83.3 |
| :--- | ---: |
| 52-Week Range | $2,630 / 1,414$ |
| 1,6,12 Rel. Perf. (\%) | $-22 /-41 /-8$ |
| M.Cap. (Rs b) | 157.4 |
| M.Cap. (US\$ b) | 4.0 |

28 September 2007

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  | Rs 1,890 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 20,381 | 2,768 | 33.2 | 15.6 | 56.9 | 7.0 | 15.3 | 17.2 | 7.4 | 41.9 |
| 3/08E | 24,164 | 3,316 | 39.8 | 19.8 | 47.5 | 6.1 | 13.8 | 16.0 | 6.2 | 34.1 |
| 3/09E | 30,763 | 4,593 | 55.1 | 38.5 | 34.3 | 5.3 | 16.7 | 19.7 | 4.9 | 24.7 |

* We expect i-flex solutions to report revenue growth of $8.8 \% \mathrm{QoQ}$ in rupee terms, driven by revival in license fee growth during the quarter.
\& We expect products to grow $8.7 \%$ QoQ, boosted by $17.6 \%$ growth in license revenues. Services should grow $9 \%$ QoQ in rupee terms, while KPO is likely to grow slower at $5 \%$ QoQ.
* EBITDA margins should expand 260bp due to strong license fee growth and better services utilization during the quarter.
\& We expect net profit to grow 76\% QoQ to Rs 731m.
* The stock currently trades at expansive valuations of $47.5 x$ FY08E and $34.3 x$ FY09E earnings. A possible buy back of remaining stake by Oracle remains the primary trigger to upsides in the stock. We maintain Neutral.

Key issues: license revenue growth, growth in tank, service revenue

| QUARTERLY Performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4 Q | $1 Q$ | 2QE | 3QE | 4QE |  |  |
| Revenues | 4,075 | 5,009 | 5,502 | 5,794 | 5,321 | 5,786 | 6,276 | 6,781 | 20,381 | 24,164 |
| Q-o-Q Change (\%) | -11.0 | 22.9 | 9.8 | 5.3 | -8.2 | 8.8 | 8.5 | 8.0 | 37.4 | 18.6 |
| Direct Expenses | 2,605 | 2,735 | 3,092 | 3,208 | 3,287 | 3,466 | 3,541 | 3,717 | 11,640 | 14,011 |
| Sales, General \& Admin. Exp. | 1,012 | 1,304 | 1,346 | 1,494 | 1,305 | 1,375 | 1,471 | 1,592 | 5,156 | 5,743 |
| Operating Profit | 458 | 970 | 1,064 | 1,093 | 729 | 944 | 1,264 | 1,473 | 3,586 | 4,410 |
| Margins (\%) | 11.2 | 19.4 | 19.3 | 18.9 | 13.7 | 16.3 | 20.1 | 21.7 | 17.6 | 18.3 |
| Other Income | 200 | 124 | -2 | 26 | -10 | 160 | 168 | 176 | 349 | 494 |
| Depreciation | 160 | 166 | 260 | 247 | 242 | 255 | 270 | 292 | 833 | 1,060 |
| Share of Associate Company Loss | -2 | -2 | -3 | -2 | 3 | -2 | -2 | -2 | -9 | -2 |
| PBT | 500 | 931 | 806 | 874 | 474 | 851 | 1,163 | 1,359 | 3,111 | 3,846 |
| Provision for Tax | 85 | 127 | 33 | 97 | 58 | 119 | 163 | 190 | 342 | 531 |
| Rate (\%) | 17.1 | 13.6 | 4.1 | 11.1 | 12.3 | 14.0 | 14.0 | 14.0 | 11.0 | 13.8 |
| PAT | 415 | 804 | 773 | 777 | 415 | 731 | 1,000 | 1,168 | 2,768 | 3,315 |
| Q-o-Q Change (\%) | -64.5 | 93.9 | -3.8 | 0.5 | -46.5 | 76.1 | 36.8 | 16.8 | 26.4 | 19.8 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | INFO IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | INFY.BO |


| Equity Shares (m) | 563.5 |
| :--- | ---: |
| 52-Week Range | $2,439 / 1,745$ |
| 1,6,12 Rel. Perf. (\%) | $-15 /-39 /-37$ |
| M.Cap. (Rs b) | $1,068.9$ |
| M.Cap. (US\$ b) | 26.9 |

28 September 2007 Buy

| Previous Recommendation: Buy |  |  |  |  |  |  |  |  | Rs 1,897 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{gathered} \text { PAT* } \\ \text { (RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | EPS <br> GROWTH (\%) | $\begin{aligned} & \mathrm{P} / \mathrm{E} \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \mathrm{P} / \mathrm{BV} \\ (\mathrm{X}) \end{gathered}$ | RoE <br> (\%) | ROCE <br> (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A* | 138,930 | 37,250 | 68.4 | 53.3 | 27.7 | 9.5 | 42.3 | 46.4 | 7.2 | 22.8 |
| 3/08E | 170,529 | 45,282 | 80.5 | 17.7 | 23.6 | 7.2 | 34.9 | 39.6 | 5.7 | 19.0 |
| 3/09E | 219,545 | 56,209 | 97.9 | 21.5 | 19.4 | 5.6 | 32.5 | 37.3 | 4.3 | 14.5 |

* 1:1 bonus in FY07, accordingly ratios are adjusted, PAT figures are adjusted PAT
\& We expect Infosys to report dollar revenue growth of $10.1 \%$ QoQ (v/s guided growth of 4.7-5.8\%) backed by 9.5\% growth in consolidated volumes. Rupee revenue growth is expected at $9.7 \%$ QoQ.
\& We expect EBITDA margins to improve by 140 bp to $30.1 \%$ during 2QFY08, driven by continued improvement in realizations, utilization rates and SG\&A leverage. Rupee appreciation is expected to have lesser impact during 2QFY08.
\& Net profit is expected to grow slower at $2.2 \%$ QoQ due to our expectation of lower other income of Rs 1.77 b versus Rs 2.5 b in 1QFY08.
\& Infosys' outlook on demand scenario in light of recent developments in the US economy would be a key factor, since it would set the tone for expectations in terms IT budgets in CY08. While we expect of marginal upward revision in dollar guidance, we do not rule out the company building in further conservatis $m$ in its rupee guidance on expectations of further appreciation in the rupee.
* The stock currently trades at $23.6 x$ FY08E and $19.4 x$ FY09E earnings. We expect seasonal strong performance in $2 \mathrm{Q} / 3 \mathrm{Q}$ and strong performance in 2 HFY 08 . We remain positive on Infosys' business prospects and believe that it is best placed to tackle supply side pressures and rupee appreciation in a robust demand environment. Maintain Buy.
\& Key issues: margins, other income, FY08 guidance

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Revenues | 30,150 | 34,510 | 36,550 | 37,720 | 37,730 | 41,384 | 44,449 | 46,966 | 138,930 | 170,529 |
| Q-o-Q Change (\%) | 14.9 | 14.5 | 5.9 | 3.2 | 0.0 | 9.7 | 7.4 | 5.7 | 45.9 | 22.7 |
| Direct Expenses | 16,660 | 18,330 | 19,380 | 20,210 | 21,690 | 23,168 | 24,585 | 25,814 | 74,580 | 95,258 |
| Sales, General \& Admin. Exp. | 4,600 | 5,090 | 5,210 | 5,540 | 5,200 | 5,752 | 6,245 | 6,552 | 20,440 | 23,749 |
| Operating Profit | 8,890 | 11,090 | 11,960 | 11,970 | 10,840 | 12,464 | 13,618 | 14,600 | 43,910 | 51,522 |
| Margins (\%) | 29.5 | 32.1 | 32.7 | 31.7 | 28.7 | 30.1 | 30.6 | 31.1 | 31.6 | 30.2 |
| Other Income | 1,250 | 660 | 590 | 1,200 | 2,530 | 1,771 | 1,321 | 1,334 | 3,700 | 6,956 |
| Depreciation | 1,060 | 1,220 | 1,410 | 1,450 | 1,440 | 1,573 | 1,689 | 1,785 | 5,140 | 6,486 |
| PBT before EO | 9,080 | 10,530 | 11,140 | 11,720 | 11,930 | 12,662 | 13,251 | 14,149 | 42,470 | 51,991 |
| Provision for Tax | 1,060 | 1,230 | 1,300 | 1,520 | 1,650 | 1,633 | 1,656 | 1,769 | 5,110 | 6,708 |
| Rate (\%) | 11.7 | 11.7 | 11.7 | 13.0 | 13.8 | 12.9 | 12.5 | 12.5 | 12.0 | 12.9 |
| PAT before Minority | 8,020 | 9,300 | 9,840 | 10,200 | 10,280 | 11,028 | 11,594 | 12,381 | 37,360 | 45,283 |
| Minority Interest | -80 | -10 | -10 | -10 | 0 | 0 | 0 | 0 | -110 | -1 |
| PAT before EO | 7,940 | 9,290 | 9,830 | 10,190 | 10,280 | 11,028 | 11,594 | 12,380 | 37,250 | 45,282 |
| Extra-ordinary Items | 60 | 0 | 0 | 1,250 | 510 | 0 | 0 | 0 | 1,310 | 510 |
| PAT after Minority and EO | 8,000 | 9,290 | 9,830 | 11,440 | 10,790 | 11,028 | 11,594 | 12,380 | 38,560 | 45,792 |
| Q-o-Q Change (\%) | 18.9 | 16.1 | 5.8 | 16.4 | -5.7 | 2.2 | 5.1 | 6.8 | 56.9 | 18.8 |

E: MOSt Estimates

# Infotech Enterprises 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | INFTC IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | INFE.BO |


| Equity Shares (m) | 46.2 |
| :--- | ---: |
| 52-Week Range | $447 / 203$ |
| 1,6,12 Rel. Perf. (\%) | $-20 /-59 /-11$ |
| M.Cap. (Rs b) | 12.3 |
| M.Cap. (US\$ b) | 0.3 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 267 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | EPS | EPS | PIE | P/BV | ROE | Roce | EVI | Ev/ |
| END* | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (X) | (\%) | (\%) | SALES | EBITDA |
| 3/07A | 5,425 | 817 | 17.7 | 74.5 | 15.1 | 4.0 | 31.5 | 29.9 | 2.1 | 10.2 |
| 3/08E | 7,103 | 861 | 18.7 | 5.5 | 14.3 | 3.2 | 24.9 | 23.2 | 1.6 | 8.2 |
| 3/09E | 10,021 | 1,245 | 27.0 | 44.6 | 9.9 | 2.5 | 28.2 | 26.3 | 1.1 | 5.6 |

* 1:2 bonus and split of Rs10 share into 2 shares of Rs5 each in FY07, ratios accordingly adjusted
* We expect Infotech Enterprises to report revenue growth of $12.2 \%$ QoQ, driven by $15.2 \%$ QoQ growth in engineering services (ES)
\& We expect Geospatial Services (GS) to grow slower at $7.2 \%$ QoQ.
\& EBITDA margins are expected to improve by 65p due to improvement in price realization and better utilization rates during the quarter.
* IASI, the $49 \%$ subsidiary in Puerto Rico, reported low profit share of Rs 10 m in 1QFY08. In 2QFY08, we expect profit share from IASI to return to Rs $14-15 \mathrm{~m}$, as guided by the management.
\& 1 QFY08 saw other income loss of Rs 30 m due to translation loss of Rs 55.4 m , which pulled down profits for the quarter. In 2 QFY08, we expect positive other income of Rs 15 m , which would help push up profits to Rs 202 m , up $56 \%$ QoQ.
* The stock currently trades at $14.3 x$ FY08E and 9.9x FY09E earnings. We maintain Buy.
\& Key issues: margins, IASI profits, other income

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Revenues | 1,170 | 1,313 | 1,430 | 1,512 | 1,488 | 1,669 | 1,856 | 2,090 | 5,425 | 7,103 |
| Q-o-Q Change (\%) | 8.6 | 12.2 | 9.0 | 5.7 | -1.6 | 12.2 | 11.2 | 12.6 | 49.7 | 30.9 |
| Direct Expenses | 569 | 621 | 656 | 744 | 820 | 906 | 994 | 1,111 | 2,589 | 3,832 |
| Sales, General \& Admin. Exp. | 382 | 409 | 452 | 460 | 404 | 456 | 496 | 556 | 1,702 | 1,911 |
| Operating Profit | 219 | 284 | 323 | 308 | 264 | 307 | 366 | 423 | 1,134 | 1,361 |
| Margins (\%) | 18.7 | 21.6 | 22.6 | 20.4 | 17.8 | 18.4 | 19.7 | 20.2 | 20.9 | 19.2 |
| Other Income | 43 | 5 | 0 | 19 | -30 | 15 | 12 | 15 | 67 | 12 |
| Depreciation | 54 | 63 | 66 | 74 | 76 | 79 | 88 | 101 | 256 | 345 |
| Interest | 3 | 4 | 5 | 2 | 5 | 4 | 4 | 4 | 14 | 18 |
| PBT bef. Extra-ordinary | 206 | 222 | 252 | 251 | 153 | 239 | 286 | 332 | 931 | 1,010 |
| Provision for Tax | 42 | 49 | 52 | 44 | 34 | 50 | 60 | 70 | 187 | 214 |
| Rate (\%) | 20.3 | 22.1 | 20.7 | 17.3 | 22.0 | 21.0 | 21.0 | 21.0 | 20.0 | 21.2 |
| PAT bef. JV P/L | 164 | 173 | 200 | 207 | 120 | 188 | 226 | 262 | 744 | 796 |
| Q-o-Q Change (\%) | 34.0 | 5.2 | 15.8 | 3.7 | -42.3 | 57.6 | 19.8 | 16.2 | 84.0 | 7.0 |
| Share of Profit from JV (IASI) | 14 | 30 | -12 | 41 | 10 | 14 | 16 | 25 | 73 | 65 |
| PAT bef. Extra-ordinary | 178 | 203 | 188 | 249 | 130 | 202 | 242 | 287 | 817 | 861 |
| Q-o-Q Change (\%) | 7.1 | 14.1 | -7.4 | 32.6 | -47.9 | 56.2 | 19.4 | 18.9 | 76.4 | 5.4 |

E: MOSt Estimates

## KPIT Cummins Infosystems

| STOCK INFO. <br> BSE Sensex: 17,291 | bloomberg |
| :---: | :---: |
|  | NKIPT IN |
|  | reuters code |
| S\&P CNX: 5,021 K | KPIT.BO |
| Equity Shares (m) | 74.8 |
| 52-Week Range | 181/70 |
| 1,6,12 Rel. Perf. (\%) | -15/-42/12 |
| M.Cap. (Rs b) | 9.0 |
| M.Cap. (US\$ b) | 0.2 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Buy } \\ & \text { Rs } 120 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | EPS | EPS | P/E | PBV | roe | Roce | Ev/ | EV/ |
| end | (RS M) | (RS M) | (RS) | Growth (\%) | (x) | (X) | (\%) | (\%) | Sales | ebitd |
| 3/07A | 4,637 | 505 | 6.8 | 50.9 | 17.8 | 4.5 | 29.7 | 21.8 | 2.1 | 13.5 |
| 3/08E | 6,035 | 628 | 8.2 | 21.0 | 14.7 | 3.3 | 25.8 | 21.4 | 1.5 | 9.2 |
| 3/09E | 8,046 | 875 | 11.7 | 43.2 | 10.3 | 2.5 | 27.7 | 24.3 | 1.1 | 6.6 |

$\approx$ We expect KPIT Cummins to report strong revenue growth of $9.7 \%$ QoQ driven by strong underlying volume growth.

* We anticipate increase in EBITDA margins during the quarter to be low at 40bp despite strong volume growth and improvement in realizations. This is due to lower rupee assumption during the quarter (Rs $42 \mathrm{v} / \mathrm{s}$ Rs 44 realized in 1QFY08).
* Net profit is expected to grow $40 \%$ QoQ to Rs 153 m due to lower tax rates during the quarter (the last quarter had an effective tax rate of $23 \%$ ).
\& The stock currently trades at 14.7 x FY08E and 10.3 xFY 09 E earnings (diluted). We continue to remain positive about the growth prospects of KPIT Cummins and expect strong revenue growth from both Manufacturing and BFSI. We maintain Buy.
* Key issues: growth in non-star customers, margins

| Quarterly performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FYO8 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Revenues | 1,023 | 1,140 | 1,171 | 1,303 | 1,353 | 1,484 | 1,524 | 1,674 | 4,637 | 6,035 |
| Q-o-Q Change (\%) | 13.4 | 11.5 | 2.7 | 11.3 | 3.8 | 9.7 | 2.6 | 9.9 | 45.7 | 30.2 |
| Direct Expenses | 530 | 577 | 570 | 610 | 655 | 717 | 749 | 793 | 2,287 | 2,914 |
| Sales, General \& Admin. Exp. | 340 | 384 | 423 | 488 | 483 | 525 | 524 | 596 | 1,635 | 2,128 |
| Operating Profit | 152 | 179 | 178 | 206 | 215 | 243 | 251 | 285 | 715 | 993 |
| Margins (\%) | 14.9 | 15.7 | 15.2 | 15.8 | 15.9 | 16.3 | 16.5 | 17.0 | 15.4 | 16.5 |
| Other Income | 1 | 0 | 1 | 4 | 0 | 3 | 2 | 2 | 6 | 7 |
| Depreciation | 25 | 30 | 30 | 35 | 54 | 59 | 62 | 67 | 121 | 242 |
| Interest | 11 | 7 | 9 | 17 | 20 | 15 | 13 | 9 | 45 | 57 |
| PBT bef. Extra-ordinary | 117 | 141 | 140 | 157 | 141 | 171 | 178 | 210 | 555 | 701 |
| Provision for Tax | 13 | 18 | 4 | 17 | 33 | 17 | 18 | 21 | 52 | 88 |
| Rate (\%) | 11.3 | 12.5 | 3.2 | 10.5 | 23.0 | 10.0 | 10.0 | 10.0 | 9.3 | 12.6 |
| PAT bef. MI and EO | 104 | 124 | 135 | 141 | 109 | 154 | 160 | 189 | 503 | 612 |
| Minority Interest (MI) | 0 | 0 | -2 | 0 | 0 | 0 | 1 | 1 | -2 | 2 |
| PAT aft. MI and before EO | 103 | 123 | 137 | 141 | 109 | 153 | 160 | 191 | 505 | 611 |
| Q-o-Q Change (\%) | 0.7 | 19.3 | 11.1 | 2.4 | -22.2 | 40.4 | 4.0 | 19.5 | 55.0 | 21.0 |

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

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | MPHL IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | MBFL.BO |


| Equity Shares (m) | 164.1 |
| :--- | ---: |
| 52-Week Range | $340 / 183$ |
| 1,6,12 Rel. Perf. (\%) | $-15 /-30 / 14$ |
| M.Cap. (Rs b) | 46.9 |
| M.Cap. (US\$ b) | 1.2 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 286 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | EPS | EPS | P/E | P/B | 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 | 39.1 | 9.6 | 27.4 | 30.3 | 3.8 | 22.5 |
| 3/08E | 22,771 | 2,594 | 12.4 | 70.3 | 23.0 | 8.3 | 43.4 | 47.3 | 2.7 | 14.4 |
| 3/09E | 27,655 | 3,167 | 15.2 | 22.1 | 18.8 | 6.3 | 38.5 | 43.6 | 2.0 | 10.9 |

25 We expect Mphas is to report revenue growth of $4.5 \%$ in 2QFY08, backed by strong growth in EDS driven revenue.
\& EBITDA margins are expected to remain flat at $18.4 \%$ during the quarter.

* Other income in 1QFY08 was negative Rs 147m. In 1QFY08, we expect other income to turn positive at Rs 10 m .
* Tax rate was low at $2.4 \%$ in 1QFY08 due deferred tax credits. In 2QFY08, we expect tax rate to increase to $10 \%$ levels.
\& Net profit is expected to grow $25.7 \%$ QoQ to Rs 645 m .
* The stock is currently trading at $23 x$ FY08E and $18.8 x$ FY09E earnings. We maintain Buy.
\& Key issues: revenue growth through EDS, margins

| Quarterly performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY 08* |  |  |  | FY07 | FY 08E* |
|  | 1 Q | 2 Q | 30 | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Revenues | 2,607 | 2,919 | 3,060 | 3,373 | 5,316 | 5,555 | 5,833 | 6,066 | 11,958 | 22,771 |
| Q-o-Q Change (\%) | 4.1 | 12.0 | 4.8 | 10.2 | 57.6 | 4.5 | 5.0 | 4.0 | 27.2 | 90.4 |
| Direct Expenses | 1,858 | 1,935 | 1,982 | 2,179 | 3,713 | 3,866 | 4,036 | 4,186 | 7,954 | 15,801 |
| Sales, General \& Admin. Exp. | 434 | 499 | 489 | 547 | 626 | 665 | 698 | 726 | 1,969 | 2,715 |
| Operating Profit | 315 | 485 | 588 | 647 | 978 | 1,024 | 1,098 | 1,155 | 2,035 | 4,254 |
| Margins (\%) | 12.1 | 16.6 | 19.2 | 19.2 | 18.4 | 18.4 | 18.8 | 19.0 | 17.0 | 18.7 |
| Other Income | 42 | -56 | -50 | -6 | -147 | 10 | 10 | 10 | -69 | -117 |
| Depreciation | 150 | 157 | 161 | 163 | 305 | 317 | 332 | 346 | 631 | 1,300 |
| PBT bef. Extra-ordinary | 207 | 273 | 378 | 478 | 526 | 717 | 776 | 819 | 1,335 | 2,837 |
| Provision for Tax | 55 | 39 | 20 | 22 | 13 | 72 | 78 | 82 | 136 | 244 |
| Rate (\%) | 26.7 | 14.2 | 5.3 | 4.6 | 2.4 | 10.0 | 10.0 | 10.0 | 10.2 | 8.6 |
| PAT bef. Extra-ordinary | 152 | 234 | 358 | 456 | 513 | 645 | 698 | 737 | 1,199 | 2,593 |
| Q-o-Q Change (\%) | -56.8 | 54.0 | 52.9 | 27.4 | 12.7 | 25.7 | 8.2 | 5.5 | -20.0 | 116.3 |

E: MOSt Estimates; *Consolidated with EDS (I)

## Patni Computer Systems

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 17,291 | PATNI IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | PTNI.BO |
| Equity Shares (m) | 138.6 |
| 52-Week Range | $573 / 352$ |
| 1,6,12 Rel. Perf. (\%) | $-17 /-8 /-18$ |
| M.Cap. (Rs b) | 65.1 |
| M.Cap. (US\$ b) | 1.6 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 470 |
| 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 | 18.2 | 2.9 | 16.8 | 21.2 | 2.0 | 10.5 |
| 12/07E | 27,089 | 4,223 | 30.6 | 18.2 | 15.4 | 2.5 | 17.4 | 21.2 | 1.8 | 10.2 |
| 12/08E | 32,768 | 4,731 | 34.2 | 12.0 | 13.7 | 2.2 | 16.9 | 20.6 | 1.4 | 7.9 |

* reflects adjusted PAT
* We expect revenue to increase $2.8 \% \mathrm{QoQ}$ in dollar terms, translating into a growth of $2.4 \% \mathrm{QoQ}$ in rupee terms in 3QCY07.
* Margins (EBIT) are expected to decline by 170bp in 3QCY07, as the company struggles to contain costs amidst high attrition and slower growth numbers.
* Other income is expected to be lower at Rs $280 \mathrm{~m} v / \mathrm{s}$ Rs 635 m in 2QCY07 (forex gain of Rs 348 m in 2QCY07).
\& We expect decline of $33.2 \%$ in net profit (in rupee terms) for the quarter. Net income (excl. forex gain/loss) is expected to decline $25 \%$ QoQ (in dollar terms).
\& The stock trades at $15.4 x$ CY07E and $13.7 x$ CY08E earnings estimates. We maintain Neutral, as we remain unconvinced on Patni's organic growth prospects over the near term.
* Key issues: revenue growth, margins, attrition rate

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E december | CY06 |  |  |  | CY07 |  |  |  | CY06 | CY07E |
|  | 10 | 2 O | 30 | 4 Q | 10 | 2 Q | 3QE | 4QE |  |  |
| Revenues | 5,776 | 6,561 | 6,971 | 6,805 | 6,724 | 6,628 | 6,788 | 6,949 | 26,112 | 27,089 |
| Q-o-Q Change (\%) | 3.7 | 13.6 | 6.3 | -2.4 | -1.2 | -1.4 | 2.4 | 2.4 | 29.0 | 3.7 |
| Direct Expenses | 3,593 | 4,273 | 4,344 | 4,215 | 4,204 | 4,303 | 4,481 | 4,648 | 16,424 | 17,636 |
| Sales, General \& Admin. Exp. | 1,160 | 1,298 | 1,215 | 1,123 | 1,094 | 1,108 | 1,176 | 1,194 | 4,796 | 4,572 |
| Operating Profit | 1,022 | 990 | 1,413 | 1,467 | 1,427 | 1,217 | 1,131 | 1,106 | 4,893 | 4,881 |
| Margins (\%) | 17.7 | 15.1 | 20.3 | 21.6 | 21.2 | 18.4 | 16.7 | 15.9 | 18.7 | 18.0 |
| Other Income | 11 | 187 | 77 | 172 | 268 | 635 | 280 | 155 | 446 | 1,337 |
| Depreciation | 193 | 205 | 202 | 239 | 234 | 252 | 292 | 299 | 839 | 1,077 |
| PBT bef. Extra-ordinary | 840 | 972 | 1,288 | 1,400 | 1,460 | 1,600 | 1,119 | 962 | 4,500 | 5,142 |
| Provision for Tax | 197 | 201 | 264 | 265 | 260 | 253 | 218 | 188 | 928 | 919 |
| Rate (\%) | 23.5 | 20.7 | 20.5 | 18.9 | 17.8 | 15.8 | 19.5 | 19.5 | 20.6 | 17.9 |
| Net Income before EO | 642 | 770 | 1,024 | 1,135 | 1,200 | 1,348 | 901 | 774 | 3,572 | 4,223 |
| Q-o-Q Change (\%) | -2.8 | 19.9 | 32.9 | 10.9 | 5.8 | 12.3 | -33.2 | -14.0 | 30.6 | 18.2 |
| Extra-ordinary items | 0 | 917 | 0 | 0 | 0 | 0 | 0 | 0 | 917 | 0 |
| Net Income after EO | 642 | -147 | 1,024 | 1,135 | 1,200 | 1,348 | 901 | 774 | 2,654 | 4,223 |
| Q-o-Q Change (\%) | -2.8 | -122.9 | -796.6 | 10.9 | 5.8 | 12.3 | -33.2 | -14.0 | -3.0 | 59.1 |

E: MOSt Estimates

# Sasken Communication Technologies 

| STOCK INFO. <br> BSE Sensex: 17,291 | bloomberg |
| :---: | :---: |
|  | SACT IN |
|  | reuters code |
| S\&P CNX: 5,021 | SKCT.BO |
| Equity Shares (m) | 28.5 |
| 52-Week Range | 624/307 |
| 1,6,12 Rel. Perf. (\%) | \%) -10/-64/-55 |
| M.Cap. (Rs b) | 9.5 |
| M.Cap. (US\$ b) | 0.2 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 4,772 | 443 | 15.5 | 46.3 | 21.5 | 2.3 | 11.0 | 10.7 | 2.1 | 14.2 |
| 3/08E | 6,097 | 388 | 13.6 | -12.7 | 24.6 | 2.1 | 8.8 | 8.1 | 1.6 | 14.8 |
| 3/09E | 7,932 | 627 | 21.8 | 60.8 | 15.3 | 1.9 | 13.0 | 12.0 | 1.2 | 8.7 |

* We expect Sasken to report revenue growth of $10.6 \%$ QoQ in 2 QFY 08 . We expect product revenues to grow $9.8 \%$ QoQ, driven by growth in royalty income. Services revenue is expected to grow $10.6 \%$ QoQ in rupee terms.
* EBITDA margins are expected to improve to $8.6 \%$ from $4.8 \%$ in QFY08 due to expected pick up in services growth, better margins in Botnia and SG\&A leverage.
\& Net profit should decline $14.6 \% \mathrm{QoQ}$ to Rs 55 m due to lower other income.
\& The stock is currently trading at $24.6 \times$ FY08E and $15.3 \times$ FY09E earnings. We continue to remain positive on both the products and services business and anticipate strong ramp in 2HFY08. We maintain Buy.
* Key issues: product royalty, services pick up, margins, attrition rate

| Quarterly performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Revenues | 932 | 1,176 | 1,310 | 1,354 | 1,284 | 1,419 | 1,606 | 1,787 | 4,772 | 6,096 |
| Q-o-Q Change (\%) | 19.4 | 26.2 | 11.4 | 3.3 | -5.2 | 10.6 | 13.1 | 11.3 | 54.9 | 27.7 |
| Direct Expenses | 641 | 751 | 877 | 902 | 937 | 997 | 1,078 | 1,151 | 3,171 | 4,163 |
| Sales, General \& Admin. Exp. | 162 | 211 | 245 | 274 | 284 | 301 | 328 | 357 | 892 | 1,270 |
| Operating Profit | 128 | 214 | 189 | 177 | 62 | 121 | 200 | 280 | 708 | 663 |
| Margins (\%) | 13.8 | 18.2 | 14.4 | 13.1 | 4.8 | 8.6 | 12.4 | 15.7 | 14.8 | 10.9 |
| Other Income | 7 | 12 | 31 | 47 | 106 | 35 | 35 | 35 | 97 | 211 |
| Depreciation \& Amortization | 43 | 49 | 55 | 70 | 67 | 72 | 79 | 86 | 218 | 304 |
| Interest | 0 | 24 | 10 | 11 | 10 | 11 | 13 | 14 | 45 | 49 |
| PBT bef. Extra-ordinary | 93 | 153 | 154 | 144 | 90 | 73 | 143 | 215 | 544 | 521 |
| Provision for Tax | 5 | 33 | 35 | 27 | 26 | 18 | 36 | 54 | 101 | 134 |
| Rate (\%) | 5.4 | 21.8 | 22.8 | 18.8 | 29.3 | 25.0 | 25.0 | 25.0 | 18.5 | 25.7 |
| PAT bef. Extra-ordinary | 88 | 119 | 119 | 117 | 64 | 55 | 107 | 161 | 443 | 387 |
| Q-o-Q Change (\%) | 39.6 | 36.0 | -0.5 | -1.4 | -45.5 | -14.6 | 96.9 | 49.9 | 49.3 | -12.7 |
| Net Profit after EO | 88 | 119 | 119 | 117 | 64 | 55 | 107 | 161 | 443 | 387 |
| Q-o-Q Change (\%) | 39.6 | 36.0 | -0.5 | -1.4 | -45.5 | -14.6 | 96.9 | 49.9 | 93.3 | -12.7 |

E: MOSt Estimates

# Satyam Computer 

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> SCS IN |
| :--- | ---: |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | SATY.BO |
| Equity Shares (m) | 669.0 |
| 52-Week Range | $525 / 396$ |
| 1,6,12 Rel. Perf. (\%) | $-17 /-37 /-31$ |
| M.Cap. (Rs b) | 296.7 |
| M.Cap. (US\$ b) | 7.5 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 444 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 64,851 | 14,047 | 21.5 | 41.7 | 20.7 | 5.0 | 27.9 | 30.3 | 4.0 | 16.8 |
| 3/08E | 81,363 | 16,602 | 24.8 | 15.7 | 17.9 | 4.2 | 25.8 | 29.3 | 3.0 | 13.8 |
| 3/09E | 104,368 | 20,305 | 30.1 | 21.3 | 14.7 | 3.4 | 25.3 | 29.7 | 2.2 | 10.6 |

* reflects adjusted PAT
* We expect Satyam to report consolidated dollar revenue growth of 7.6\% QoQ in 2QFY08 (guided growth 5.5-6\%). Standalone service revenue is expected to grow $7.4 \% \mathrm{QoQ}$ in dollar terms, backed by $7 \%$ volume growth. In rupee terms, we expect consolidated revenue growth of 7\% QoQ.

85 EBITDA margins are expected to decline by 230bp, primarily due to salary hikes to the extent of $5 \%$ onsite and $16 \%$ offs hore during the quarter.
\& Net profit is expected to decline marginally by $1.1 \%$ due to the decline in margins.

* The stock is currently trading at $17.9 x$ FY08E and $14.7 x$ FY09E earnings. We continue to be impressed with Satyam's execution in terms of reduction in attrition rates and diversification into other service offerings such as engineering services and infrastructure management, which has improved its earnings visibility, significantly. We maintain Buy.

Key issues: guidance, margins

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 30 | 4Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Revenues | 14,429 | 16,019 | 16,611 | 17,792 | 18,302 | 19,577 | 21,033 | 22,450 | 64,851 | 81,363 |
| Q-o-Q Change (\%) | 9.8 | 11.0 | 3.7 | 7.1 | 2.9 | 7.0 | 7.4 | 6.7 | 35.3 | 25.5 |
| Direct Expenses | 8,316 | 9,827 | 9,674 | 10,763 | 11,062 | 12,416 | 13,050 | 13,669 | 38,579 | 50,197 |
| Sales, General \& Admin. Exp. | 2,563 | 2,567 | 2,838 | 2,927 | 3,137 | 3,227 | 3,360 | 3,564 | 10,894 | 13,289 |
| Operating Profit | 3,550 | 3,625 | 4,100 | 4,102 | 4,103 | 3,934 | 4,623 | 5,218 | 15,377 | 17,877 |
| Margins (\%) | 24.6 | 22.6 | 24.7 | 23.1 | 22.4 | 20.1 | 22.0 | 23.2 | 23.7 | 22.0 |
| Other Income | 745 | 282 | 102 | 704 | 632 | 782 | 732 | 747 | 1,833 | 2,893 |
| Depreciation | 362 | 375 | 394 | 354 | 387 | 401 | 421 | 438 | 1,484 | 1,647 |
| Interest | 26 | 27 | 32 | 74 | 33 | 39 | 42 | 45 | 159 | 159 |
| PBT bef. Extra-ordinary | 3,908 | 3,505 | 3,776 | 4,378 | 4,315 | 4,275 | 4,892 | 5,482 | 15,566 | 18,964 |
| Provision for Tax | 368 | 307 | 403 | 442 | 532 | 534 | 612 | 685 | 1,520 | 2,363 |
| Rate (\%) | 9.4 | 8.8 | 10.7 | 10.1 | 12.3 | 12.5 | 12.5 | 12.5 | 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 | 3,741 | 4,281 | 4,797 | 14,047 | 16,602 |
| Q-o-Q Change (\%) | 24.4 | -9.7 | 5.4 | 16.7 | -3.9 | -1.1 | 14.4 | 12.1 | 43.0 | 18.2 |

E: MOSt Estimates

# Tata Consultancy Services 

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> TCS IN <br>  <br>  <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 5,021 | TCS.BO |
| Equity Shares (m) | 978.6 |
| 28-Week Range | $1,399 / 978$ |
| 1,6,12 Rel. Perf. (\%) | $-13 /-46 /-36$ |
| M.Cap. (Rs b) | $1,034.1$ |
| M.Cap. (US\$ b) | 26.0 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 25.4 | 15.8 | 64.9 | 69.2 | 5.5 | 20.0 |
| 3/08E | 231,935 | 49,000 | 50.1 | 20.1 | 21.1 | 10.3 | 57.6 | 62.5 | 4.3 | 16.8 |
| 3/09E | 295,296 | 60,071 | 61.4 | 22.6 | 17.2 | 7.3 | 48.3 | 54.3 | 3.3 | 13.2 |

* 1:1 bonus in FY07, accordingly ratios are adjusted
\& We expect TCS to report 8.4 \% QoQ growth in dollar terms, with a rupee revenue growth of $8.3 \%$ QoQ.
\& Margins are expected to improve by 30 bp QoQ , driven primarily by better utilization rates.
* We expect net profit to grow slower at $3.1 \%$ QoQ to Rs 11.9 b due to our assumption of lower other income of Rs 900 m v/s Rs 1.5 b in 1QFY08.
* While TCS does not provide guidance, remarks on the perceived US slowdown and the implication on Indian IT services in general and TCS in particular would be closely watched for along with the 2 QFY 08 results announcements.

2. The stock trades at 21.1x FY08E and $17.2 x$ FY09E earnings. We expect TCS to witness strong volume growth in FY08, driven by sustained demand across multiple business lines. We maintain Buy.

* Key issues: volume growth, margins

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07* |  |  |  | FY 08* |  |  |  | FY07* | FY08E* |
|  | 1Q | 2 Q | 3 Q | 4Q | $1 Q$ | 2QE | 3QE | 4QE |  |  |
| Revenues | 41,443 | 44,822 | 48,605 | 51,464 | 52,029 | 56,354 | 60,226 | 63,326 | 186,334 | 231,935 |
| Q-o-Q Change (\%) | 11.3 | 8.2 | 8.4 | 5.9 | 1.1 | 8.3 | 6.9 | 5.1 | 40.6 | 24.5 |
| Direct Expenses | 22,989 | 23,880 | 26,294 | 27,177 | 28,221 | 30,585 | 32,682 | 34,392 | 100,339 | 125,880 |
| Sales, General \& Admin. Exp. | 8,327 | 8,648 | 8,559 | 9,720 | 10,543 | 11,243 | 12,015 | 12,507 | 35,253 | 46,308 |
| Operating Profit | 10,128 | 12,294 | 13,753 | 14,568 | 13,265 | 14,527 | 15,529 | 16,427 | 50,742 | 59,747 |
| Margins (\%) | 24.4 | 27.4 | 28.3 | 28.3 | 25.5 | 25.8 | 25.8 | 25.9 | 27.2 | 25.8 |
| Other Income | 668 | 77 | 300 | 235 | 1,516 | 900 | 600 | 600 | 1,280 | 3,616 |
| Depreciation | 863 | 958 | 1,080 | 1,395 | 1,265 | 1,409 | 1,491 | 1,551 | 4,296 | 5,716 |
| PBT bef. Extra-ordinary | 9,932 | 11,414 | 12,973 | 13,408 | 13,516 | 14,018 | 14,638 | 15,475 | 47,726 | 57,648 |
| Provision for Tax | 1,238 | 1,447 | 1,828 | 2,056 | 1,816 | 1,963 | 2,086 | 2,205 | 6,568 | 8,069 |
| Rate (\%) | 12.5 | 12.7 | 14.1 | 15.3 | 13.4 | 14.0 | 14.3 | 14.3 | 13.8 | 14.0 |
| Minority Interest | 69 | 52 | 98 | 155 | 138 | 135 | 147 | 159 | 373 | 579 |
| Net Income bef. EO | 8,626 | 9,915 | 11,047 | 11,198 | 11,563 | 11,920 | 12,406 | 13,111 | 40,786 | 49,000 |
| Q-o-Q Change (\%) | 8.5 | 14.9 | 11.4 | 1.4 | 3.3 | 3.1 | 4.1 | 5.7 | 39.6 | 20.1 |
| PAT aft Extra-ordinary | 8,626 | 9,915 | 11,047 | 11,728 | 11,856 | 11,920 | 12,406 | 13,111 | 41,316 | 49,000 |

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

# Tech Mahindra 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | TECHM IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | TEML.BO |


| 28 September 2007 |  |  |  |  |  |  |  | Under Review |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs 1,331 |
| 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 | 29,290 | 6,124 | 46.4 | 105.2 | 28.7 | 17.4 | 66.2 | 65.2 | 5.5 | 21.7 |
| 3/08E | 39,922 | 7,474 | 56.7 | 22.0 | 23.5 | 9.7 | 47.4 | 47.5 | 3.9 | 17.6 |
| 3/09E | 54,571 | 10,409 | 78.9 | 39.3 | 16.9 | 6.2 | 37.3 | 37.3 | 2.8 | 11.9 |

$E P S$ is diluted, includes $B T$ deal
\& We expect Tech Mahindra to report 5.7\% QoQ revenue growth, with a corresponding dollar growth of 6.3\% QoQ.
25 We expect EBITDA margins to decline by 60bp during the quarter due to continued investments in the BT deal.

* Net profit is expected to decline by $2.5 \% \mathrm{QoQ}$ due to rupee impact and marg in erosion during the quarter.

25 The stock trades at $23.5 x$ FY08E and $16.9 x$ FY09E consolidated (diluted) earnings. We believe that valuations are rich at current levels. We are currently reviewing our recommendation on Tech Mahindra.

* Key issues: BT deal ramp up, margins

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Revenues | 5,871 | 6,976 | 7,698 | 8,745 | 8,763 | 9,262 | 10,280 | 11,617 | 29,290 | 39,922 |
| Q-o-Q Change (\%) | 39.4 | 18.8 | 10.3 | 13.6 | 0.2 | 5.7 | 11.0 | 13.0 | 135.7 | 36.3 |
| Direct Cost | 3,724 | 4,149 | 4,527 | 5,135 | 5,492 | 5,835 | 6,374 | 7,202 | 17,535 | 24,903 |
| Other Operating Exps | 840 | 1,058 | 1,098 | 1,392 | 1,338 | 1,436 | 1,568 | 1,754 | 4,388 | 6,095 |
| Operating Profit | 1,307 | 1,769 | 2,073 | 2,218 | 1,934 | 1,991 | 2,339 | 2,660 | 7,367 | 8,924 |
| Margins (\%) | 22.3 | 25.4 | 26.9 | 25.4 | 22.1 | 21.5 | 22.8 | 22.9 | 25.2 | 22.4 |
| Other Income | 11 | -57 | -32 | 154 | 131 | 75 | 62 | 70 | 76 | 337 |
| Interest | 0 | 0 | 12 | 49 | 15 | 3 | 3 | 3 | 61 | 25 |
| Depreciation | 108 | 113 | 137 | 158 | 168 | 185 | 206 | 232 | 516 | 791 |
| PBT bef. Extra-ordinary | 1,210 | 1,599 | 1,892 | 2,165 | 1,882 | 1,878 | 2,191 | 2,494 | 6,866 | 8,445 |
| Provision for Tax | 144 | 169 | 224 | 204 | 183 | 225 | 263 | 299 | 741 | 971 |
| Rate (\%) | 11.9 | 10.6 | 11.8 | 9.4 | 9.7 | 12.0 | 12.0 | 12.0 | 10.8 | 11.5 |
| Net Income bef. EO | 1,066 | 1,430 | 1,668 | 1,960 | 1,696 | 1,652 | 1,928 | 2,195 | 6,122 | 7,474 |
| Q-o-Q Change (\%) | 19.7 | 34.2 | 16.6 | 17.5 | -13.5 | -2.5 | 16.7 | 13.8 | 160.1 | 22.1 |

E: MOSt Estimates; does not include BT deal

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | W PRO IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | WIPR.BO |


| Equity Shares (m) | $1,463.4$ |
| :--- | ---: |
| 52-Week Range | $690 / 425$ |
| 1,6,12 Rel. Perf. (\%) | $-18 /-52 /-51$ |
| M.Cap. (Rs b) | 672.9 |
| M.Cap. (US\$ b) | 16.9 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{array}{r} \text { Buy } \\ \text { Rs } 460 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | $\begin{aligned} & \text { NET SALES } \\ & \text { (RS M) } \end{aligned}$ | $\begin{aligned} & \text { PAT* } \\ & \text { (RS M) } \end{aligned}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{aligned} & \mathrm{P} / \mathrm{E} \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | RoE <br> (\%) | ROCE <br> (\%) | EV/ SALES | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 149,431 | 28,447 | 19.7 | 38.8 | 23.3 | 6.6 | 32.4 | 36.0 | 4.2 | 18.2 |
| 3/08E | 202,096 | 34,931 | 23.8 | 20.4 | 19.4 | 5.2 | 30.3 | 34.1 | 3.1 | 14.8 |
| 3/09E | 262,653 | 43,759 | 29.4 | 23.8 | 15.6 | 4.1 | 29.8 | 34.2 | 2.3 | 11.0 |

* reflects adjusted PAT

25 We expect W ipro to report growth of $9.6 \% \mathrm{QoQ}$ in Global IT business in rupee terms, with an underlying dollar growth of $10.1 \%$ QoQ (guided growth of $7 \%$ ).
2. Consolidated EBITDA margins are expected to stay flat QoQ due to announcement of salary hikes (to the extent of $12-13 \%$ ) effective August. Global IT margins are expected to decline 160 bp during the quarter.
\& We expect consolidated net profit to grow by $18.2 \%$ QoQ due to impact of strong revenue growth during the quarter.

* The stock trades at $19.4 x$ FY08E and $15.6 x$ FY09E earnings - valuations appear attractive. Overall demand remains strong for Wipro and we expect the pace in the TEM space to pick up in 2HFY08. We maintain Buy.
* Key issues: technology services revenue, margins

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Global IT Services incl Spectramind | 24,513 | 27,179 | 28,873 | 30,357 | 30,030 | 32,916 | 36,580 | 41,570 | 110,922 | 141,097 |
| Other Businesses | 6,800 | 7,959 | 10,763 | 12,988 | 11,802 | 14,023 | 16,463 | 18,711 | 38,510 | 61,000 |
| Revenues | 31,312 | 35,138 | 39,636 | 43,345 | 41,832 | 46,939 | 53,044 | 60,282 | 149,431 | 202,096 |
| Q-o-Q Change (\%) - Global IT | 7.1 | 10.9 | 6.2 | 5.1 | -1.1 | 9.6 | 11.1 | 13.6 | 37.4 | 27.2 |
| Total Expenses | 23,849 | 26,896 | 30,691 | 33,896 | 32,925 | 36,938 | 41,777 | 47,835 | 115,333 | 159,474 |
| EBITDA | 7,463 | 8,242 | 8,945 | 9,449 | 8,907 | 10,001 | 11,267 | 12,447 | 34,098 | 42,622 |
| Margins (\%) | 23.8 | 23.5 | 22.6 | 21.8 | 21.3 | 21.3 | 21.2 | 20.6 | 22.8 | 21.1 |
| Depreciation | 941 | 1,058 | 1,096 | 1,105 | 1,270 | 1,318 | 1,421 | 1,607 | 4,199 | 5,615 |
| EBIT | 6,522 | 7,184 | 7,849 | 8,344 | 7,637 | 8,683 | 9,847 | 10,840 | 29,899 | 37,007 |
| Margins (\%) | 20.8 | 20.4 | 19.8 | 19.2 | 18.3 | 18.5 | 18.6 | 18.0 | 20.0 | 18.3 |
| Other Income | 512 | 756 | 559 | 827 | 220 | 850 | 836 | 851 | 2,653 | 2,757 |
| PBT | 7,033 | 7,939 | 8,408 | 9,170 | 7,857 | 9,533 | 10,683 | 11,691 | 32,551 | 39,764 |
| Provision for Tax | 979 | 1,068 | 1,080 | 1,296 | 839 | 1,239 | 1,496 | 1,637 | 4,423 | 5,211 |
| Rate (\%) | 13.9 | 13.5 | 12.8 | 14.1 | 10.7 | 13.0 | 14.0 | 14.0 | 13.6 | 13.1 |
| Net Income before EO* | 6,120 | 6,963 | 7,450 | 7,914 | 7,105 | 8,400 | 9,327 | 10,100 | 28,447 | 34,931 |
| Q-o-Q Change (\%) | 2.4 | 13.8 | 7.0 | 6.2 | -10.2 | 18.2 | 11.0 | 8.3 | 40.3 | 22.8 |

E: MOSt Estimates; * after minority interest and share in earnings from affiliates

# Infrastructure 

BSE Sensex: 17,291
S\&P CNX: 5,021
28 September 2007

| COMPANY NAME | PG. |
| :--- | :---: |
| BL Kashyap | 158 |
| Gammon India | 159 |
| GMR Infrastructure | 160 |
| Hindustan Construction | 161 |
| IVRCL | 162 |
| Jaiprakash Associates | 163 |
| Nagarjuna Construction | 164 |
| Patel Engineering | 165 |

## 2QFY08: Performance to get impacted due to heavy monsoon

The July-Septemeber quarter historically has been the lean quarter for most of the construction companies due to monsoon period and slowdown in construction activity. During 2QFY08, we expect the construction companies in our universe to report a strong 20.5\% YoY growth in revenue, $30.5 \%$ Yo Y growth in EBITDA and $17 \%$ growth in net profit. We expect EBITDA margin for the companies to expand 120bp to $14.9 \%$ as compared to $13.7 \%$ in 2QFY07. The strong order book-to-bill ratio and faster execution are the key growth drivers; new order intake from the NHDP program remains slow.

| TABLE: TREND IN FINANCIAL PERFORMANCE (RS M) |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | SEP-06 | SEP-07 | $\%$ YOY | JUN -07 | \% QOQ |
| Revenues | 30,632 | 36,911 | 20.5 | 43,792 | $(15.7)$ |
| EBITDA | 4,208 | 5,489 | 30.4 | 5,862 | $(6.4)$ |
| PAT | 1,985 | 2,323 | 17.0 | 3,102 | $(25.1)$ |

Source: Motilal Oswal Securities

## Expect further momentum in order intake in 2HFY08

The order book for the construction companies as of June 2007 was up $18 \%$ YoY despite slowdown in project award from the roads sector by NHAI. In FY07, construction companies had seen their order book growing by just $15 \%$ largely due to delays in project award by NHAI. In FY05 and FY06, their order book had grown $142 \%$ and $69 \%$, respectively due to increased spending by NHAI on roads and the Andhra Pradesh government on irrigation projects.

| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) |
| Infrastructure |  |  |  |  |  |  |  |
| B.L.Kashyap | Neutral | 2,560 | 50.0 | 272 | 49.3 | 154 | 44.6 |
| Gammon India | Buy | 5,795 | 20.0 | 523 | 25.2 | 245 | 24.7 |
| GMR Infrastructure | Neutral |  | - |  | - |  | - |
| Hindustan Construction | Buy | 5,534 | 30.0 | 546 | 38.4 | 19 | -53.9 |
| IVRCL Infra. | Buy | 4,920 | 35.0 | 443 | 43.6 | 197 | 26.8 |
| Jaiprakash Associates | Buy | 8,932 | 16.0 | 2,569 | 29.7 | 1,131 | 25.7 |
| Nagarjuna Construction | Buy | 6,647 | 2.0 | 771 | 24.8 | 342 | 2.2 |
| Patel Engineering | Buy | 2,523 | 27.5 | 366 | 19.1 | 234 | -6.4 |
| Sector Aggregate |  | 36,911 | 20.5 | 5,489 | 30.5 | 2,323 | 17.0 |


| TREND IN ORDER INTAKE (RS M) |  |  |  |
| :--- | ---: | ---: | ---: |
|  | ORDER BOOK |  |  |
|  | JUN-06 | J UN-07 | $\%$ YOY |
| Gammon | 74,000 | 80,000 | 8 |
| Hindustan Construction | 91,430 | 93,810 | 3 |
| IVRCL | 66,866 | 95,000 | 42 |
| Nagarjuna Construction | 62,700 | 77,710 | 24 |
| Patel Engineering | 39,900 | 50,000 | 25 |
| Total | 334,896 | 396,520 | 18 |

However, the order intake for the construction companies is expected to be robust, as NHAI would award about $6,270 \mathrm{~km}$ of road projects on BOT basis by FY08. Prequalifications have been already invited for a large number of projects and financial bids for initial 8 packages on NHDP Phase V are to be submitted by end October 2007. This, we believe, would significantly increase the order intake for the construction companies in 2HFY08. The total order comprises $2,995 \mathrm{~km}$ of six-laning of the Golden Quadrilateral and the balance will be four-laning.

Besides this, there would be significant project awards from sectors like urban infrastructure, hydropower, railways, nuclear power, irrigation, etc, which would further drive the order intake for the construction companies during FY08.

## Order book-to-bill ratio continues to be healthy

The order book-to-bill ratio for construction companies is robust despite the slower order intake, which provides strong revenue visibility. The order book-to-bill ratio for the companies based on FY07 revenue: Patel Engineering 4.4x, IVRCL 3.7x, Hindustan Construction 3.7x, Gammon 3.6x, and Nagarjuna 2.6x. The large order wins for Larsen \& Toubro have helped its order book-to-bill ratio to move up from 1.5x in March 2006 to around 2.9x as at June 2007, indicating strong capex in hydrocarbon segment.

|  | ORDER book | Revenues | ORDER BOOK / |
| :---: | :---: | :---: | :---: |
|  | J UN-07 | ттм | revenues (X) |
| B L Kashyap | 16,000 | 9,037 | 1.8 |
| Gammon | 80,000 | 22,138 | 3.6 |
| Hindustan | 93,810 | 25,445 | 3.7 |
| IVRCL | 95,000 | 25,563 | 3.7 |
| Jaiprakash* | 73,000 | 15,850 | 4.6 |
| Larsen \& Toubro* | 396,900 | 138,700 | 2.9 |
| Nagarjuna Construction | 77,710 | 29,815 | 2.6 |
| Patel Engineering | 50,000 | 11,426 | 4.4 |

## Value unlocking process has begun

The investments by the various companies into diverse businesses like BOT, real estate, IT, etc have started yielding results and are now emerging as sizable value creating opportunities.
\& During 2QFY08, IVR Prime Urban successfully completed its initial public offering (IVRCL's stake at $62.4 \%$ ) valued at Rs 15 b. This translates into a value of Rs 12 b for IVRCL, considering post issue stake of $62.4 \%$ and holding company discount of $20 \%$.
\& Similarly, Gammon Infrastructure has recently filed its draft red herring prospectus with SEBI for its IPO ( 16.55 m equity shares).
\& L\&T too has announced plans to list its Infotech subsidiary, L\&T Infotech, before March 2009. It also plans to list L\&T IDPL, $78.4 \%$ subsidiary, in around two years, which could again unlock significant value for L\&T.
\& Lavasa Corp ( $60.5 \%$ subsidiary of HCC) has commenced soft launch at Phase 1 (1,739 acres) at Rs $2,450 / \mathrm{sft}$ for apartments and Rs $2,950 / \mathrm{sft}$ for villas. The company is contemplating a private equity of Rs $3-4 \mathrm{~b}$ to fund its expansion plans, which could provide a sound valuation benchmark for Hindustan Construction.

* A similar opportunity exists for Jaiprakash Associates given a strong power BOT portfolio and Taj Expressway project. Patel Engineering too has formed a 100\% subsidiary to develop its land bank of 500 acres, which again could be a value unlocking opportunity over a longer period of time.

8. Nagarjuna Construction also plans IPO of NCC Urban Infrastructure (real estate) and NCC Infrastructure Holdings (BOT projects) over the next two years, which can unlock significant value for the company.

## Robust FY08 guidance

The construction companies have guided for revenue growth of $25-30 \%$ with either stagnant or slight improvement in EBITDA margin. The outlook on order intake also remains strong, with a pick-up in project awards for roads, water supply and irrigation, power, etc.
\& Larsen \& Toubro: order intake growth of $30 \%$, revenue growth of $25-30 \%$ and stable EBITDA marg in

* IVRCL Infrastructure: revenue of Rs 33-35b, up 43-52\%, EBITDA margin expansion of $25-50 \mathrm{~b}$ p, order backlog Rs 80 b as of March 2007
* Nagarjuna Construction: revenue of Rs 40 b , up $40 \%$ and order backlog of Rs91b as of March 2007, up 25\%
* Patel Engineering: revenue growth of $25 \%$ on consolidated basis and EBITDA margin improvement of 25-50bp


## We remain positive on the sector

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

## 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 |  |  |  |  |  |  |
| B.L.Kashyap | 51 | 137 | 32 | 97 | 20 | 1 |
| Gammon India | 15 | 34 | -5 | -5 | -17 | -101 |
| GMR Infrastructure | 23 | 285 | 4 | 246 | -9 | 150 |
| Hindustan Construction | 15 | 35 | -4 | -4 | -17 | -100 |
| IVRCL | 21 | 69 | 2 | 29 | -11 | -67 |
| Jaiprakash Associates | 51 | 128 | 32 | 88 | 20 | -7 |
| Nagarjuna Construction | 49 | 62 | 29 | 22 | 17 | -74 |
| Patel Engineering | 12 | 41 | -7 | 1 | -19 | -95 |

RELATIVE PERFORMANCE - 3 MONTH (\%)


RELATIVE PERFORMANCE - 1 YEAR (\%)


COMPARATIVE VALU ATION

| $2$ | $\begin{aligned} & \text { CMP (RS) } \\ & \text { 28.9.07 } \end{aligned}$ | RECO | EPS (RS) |  |  | P/E (X) |  |  | EV/EBITDA |  |  | ROE (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E |
| Infrastructure |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B.L.Kashyap | 2,418 | Neutral | 46.4 | 79.0 | 112.8 | 52.1 | 30.6 | 21.4 | 30.2 | 20.4 | 14.6 | 18.2 | 25.2 | 28.2 |
| Gammon India | 466 | Buy | 10.8 | 13.7 | 19.7 | 43.0 | 33.9 | 23.6 | 23.3 | 17.7 | 13.2 | 8.3 | 9.6 | 12.2 |
| GMR Infrastructure | 174 | Neutral | 1.1 | 1.0 | 1.2 | 165.1 | 180.1 | 147.1 | 58.1 | 49.7 | 31.5 | 10.1 | 8.6 | 9.6 |
| Hindustan Construction | 137 | Buy | 2.1 | 3.9 | 7.4 | 64.2 | 35.2 | 18.5 | 23.7 | 13.4 | 9.7 | 6.6 | 9.1 | 13.3 |
| IVRCL Infra. | 422 | Buy | 10.5 | 13.5 | 18.9 | 40.2 | 31.3 | 22.4 | 24.1 | 17.5 | 12.8 | 15.1 | 12.3 | 15.3 |
| Jaiprakash Associates | 1,092 | Buy | 19.7 | 22.8 | 30.1 | 55.3 | 47.9 | 36.3 | 34.0 | 23.8 | 19.7 | 15.6 | 13.2 | 12.3 |
| Nagarjuna Construction | 253 | Buy | 6.4 | 8.1 | 11.8 | 39.5 | 31.3 | 21.4 | 25.9 | 17.5 | 13.3 | 13.5 | 13.4 | 14.4 |
| Patel Engineering | 453 | Buy | 18.8 | 19.0 | 25.7 | 24.1 | 23.8 | 17.6 | 18.0 | 14.1 | 11.2 | 24.1 | 14.5 | 17.0 |
| Sector Aggregate |  |  |  |  |  | 67.2 | 52.9 | 37.9 | 34.7 | 25.5 | 19.1 | 12.4 | 12.0 | 13.2 |

# BL Kashyap 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | KASH IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | BLKS.BO |


| 28 September 2007 |  |  |  |  |  |  |  |  | NeutralRs 2,418 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 8,080 | 556 | 46.4 | 73.7 | 52.1 | 8.7 | 18.2 | 26.7 | 3.1 | 29.2 |
| 3/08E | 12,150 | 812 | 79.0 | 70.2 | 30.6 | 6.9 | 25.2 | 36.7 | 1.9 | 16.8 |
| 3/09E | 17,618 | 1,159 | 112.8 | 42.7 | 21.4 | 5.4 | 28.2 | 41.0 | 1.3 | 11.6 |

* For 2QFY08, we expect BL Kashyap to report revenue of Rs 2.6 b, up $50 \%$ YoY, EBITDA of Rs272m, up 49.3\% YoY, and net profit of Rs 154 m , up $44.6 \%$ Yo Y.
\& The company's order book stands at $\sim$ Rs $18 b, 2.3 x$ its FY07 revenue of Rs $7.7 b$. This would be executed over a period of 12-15 months ensuring strong near-term growth.

2 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.
$\approx$ We expect BL Kashyap to report a net profit CAGR of $44 \%$ over FY07-09. The stock trades at a P/E of 30.6x FY08E and 21.4x FY09E.
\& We maintain Neutral.

| QuARTERLY PERFORmANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 O | 3 Q | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Sales | 1,639 | 1,707 | 2,362 | 1,942 | 3,025 | 2,560 | 3,661 | 2,903 | 8,080 | 12,150 |
| Change (\%) | 0.0 | 0.0 | 119.3 | 28.7 | 84.6 | 50.0 | 55.0 | 49.5 | 64.3 | 58.8 |
| EBITDA | 177 | 182 | 250 | 200 | 352 | 272 | 390 | 395 | 924 | 1,409 |
| Change (\%) | 0.0 | 0.0 | 156.2 | 27.4 | 98.4 | 49.3 | 56.2 | 97.6 | 70.1 | 74.1 |
| As of \% Sales | 10.8 | 10.7 | 10.6 | 10.3 | 11.6 | 10.6 | 10.6 | 13.6 | 11.4 | 11.6 |
| Depreciation | 23 | 24 | 26 | 27 | 31 | 40 | 50 | 53 | 99 | 173 |
| Interest | 7 | 12 | 12 | 11 | 34 | 12 | 15 | -9 | 50 | 53 |
| Other Income | 9 | 16 | 23 | 9 | 102 | 13 | 14 | -82 | 80 | 47 |
| PBT | 156 | 162 | 234 | 171 | 389 | 233 | 339 | 269 | 854 | 1,230 |
| Tax | 52 | 56 | 80 | 58 | 112 | 79 | 115 | 113 | 298 | 418 |
| Effective Tax Rate (\%) | 33.4 | 34.3 | 34.3 | 33.9 | 28.7 | 33.9 | 33.9 | 41.8 | 34.9 | 34.0 |
| Reported PAT | 104 | 106 | 154 | 113 | 278 | 154 | 224 | 157 | 556 | 812 |
| Adj PAT | 104 | 106 | 154 | 113 | 278 | 154 | 224 | 157 | 556 | 812 |
| Change (\%) | 0.0 | - | 185.5 | 21.1 | 167.4 | 44.6 | 45.5 | 38.8 | 73.7 | 70.2 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 17,291 | GMON IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | GAMM.BO |
| Equity Shares (m) | 86.7 |
| 52-Week Range | $504 / 258$ |
| 1,6,12 Rel. Perf. (\%) | $-6 / 21 /-5$ |
| M.Cap. (Rs b) | 40.4 |
| M.Cap. (US\$ b) | 1.0 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs 466 |
| 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 | 18,647 | 957 | 10.8 | 12.5 | 43.0 | 3.6 | 8.3 | 11.6 | 2.3 | 23.3 |
| 3/08E | 24,235 | 1,216 | 13.7 | 27.1 | 33.9 | 3.3 | 9.6 | 12.3 | 1.7 | 17.7 |
| 3/09E | 31,286 | 1,743 | 19.7 | 43.3 | 23.6 | 2.9 | 12.2 | 15.5 | 1.4 | 13.2 |

\& For 2QFY08, we expect Gammon to report revenue of Rs 5.8 b , up $20 \%$ Yo Y, EBITDA of Rs 523 m , up $25.2 \%$ Yo Y, and net profit of Rs 245 m , up $24.7 \%$ YoY.
\& Gammon Infrastructure Projects Ltd (GIPL), a $82.5 \%$ subsidiary of the company, has submitted the Draft Red Herring Prospectus (DRHP) to the Securities Exchange Board of India (SEBI) for its initial public offer (IPO) of 16.55 m equity shares.
e Gammon has entered into a franchisee, operation and management agreement with W yndham Hotel Group International Inc (WYNDHAM) of USA to open a chain of budget hotels under the brands "Super-8" and "Days Inn" across India. It plans to roll out 38-40 hotels over the next 3-4 years at an estimated capex of Rs 4 b , to be funded entirely by Gammon.
2. The company has signed an agreement with Macquarie through Gammon Infrastructure Projects Ltd (GIPL) to bid for Chennai airport maintenance project. The terms of the agreement envisage that Macquarie and Gammon would hold equal stakes in the project.

* The company has tied up with Siemens Transportation for design, commis sioning and operation of airport-city rail link for a 30 -year period in an expression of interest invited by Delhi Metro Rail Corporation.
\& Gammon's order backlog as of June 2007 stood at Rs 80 b, representing 3.8x FY07 revenue.
* The stock trades at reported P/E of 33.9x FY08E and 23.6x FY09E. We recommend Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 3 Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Sales | 5,539 | 4,830 | 4,607 | 6,207 | 6,495 | 5,795 | 5,989 | 8,714 | 20,912 | 26,994 |
| Change (\%) | 93.5 | 67.1 | 37.5 | 30.2 | 17.3 | 20.0 | 30.0 | 40.4 | 25.4 | 29.1 |
| EBITDA | 317 | 418 | 515 | 541 | 577 | 523 | 594 | 698 | 1,722 | 2,392 |
| Change (\%) | -6.9 | -6.6 | 6.0 | 53.2 | 82.1 | 25.2 | 15.4 | 29.1 | -10.9 | 38.9 |
| As of \% Sales | 5.7 | 8.6 | 11.2 | 8.7 | 8.9 | 9.0 | 9.9 | 8.0 | 8.2 | 8.9 |
| Depreciation | 83 | 103 | 102 | 91 | 108 | 110 | 115 | 101 | 352 | 435 |
| Interest | 52 | 18 | 53 | 13 | 35 | 50 | 75 | 40 | 136 | 200 |
| Other Income | 3 | 1 | 7 | 118 | 11 | 3 | 2 | 2 | 197 | 18 |
| Extra-ordinary income | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |
| PBT | 211 | 297 | 366 | 556 | 444 | 366 | 406 | 559 | 1,458 | 1,775 |
| Tax | 25 | 36 | 50 | 875 | 159 | 121 | 138 | 142 | 1,030 | 559 |
| Effective Tax Rate (\%) | 11.9 | 12.0 | 13.7 | 157.4 | 35.7 | 33.0 | 33.9 | 25.4 | 70.7 | 31.5 |
| Reported PAT | 186 | 262 | 316 | -319 | 285 | 245 | 268 | 417 | 427 | 1,216 |
| Adj PAT | 122 | 197 | 242 | 367 | 271 | 245 | 268 | 417 | 946 | 1,202 |
| Change (\%) | -20.8 | -20.6 | 15.5 | 34.1 | 122.2 | 24.7 | 11.0 | 13.5 | -8.1 | 27.1 |

E: MOSt Estimates

## GMR Infrastructure

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 17,291 | GMRI IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 GMRI.BO |  |
| Equity Shares (m) | $1,655.4$ |
| 52-Week Range | $201 / 43$ |
| 1,6,12 Rel. Perf. (\%) | $-7 / 10 / 246$ |
| M.Cap. (Rs b) | 288.0 |
| M.Cap. (US\$ b) | 7.2 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs 174 |
| YEAR <br> END | NET SALES* (RS M) | $\begin{aligned} & \text { PAT* } \\ & \text { (RS M) } \end{aligned}$ | EPS <br> (RS) | EPS GR. <br> (\%) | $\begin{gathered} \mathrm{P} / \mathrm{E} \\ (\mathrm{X}) \end{gathered}$ | P/BV <br> (X) | $\begin{aligned} & \text { ROE } \\ & (\%) \end{aligned}$ | ROCE <br> (\%) | EV/ SALES | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 16,967 | 1,744 | 1.1 | -8.5 | 165.1 | 16.6 | 10.1 | 5.7 | 18.6 | 58.1 |
| 3/08E | 18,437 | 1,599 | 1.0 | -8.3 | 180.1 | 15.4 | 8.6 | 5.5 | 6.6 | 17.1 |
| 3/09E | 24,737 | 1,957 | 1.2 | 22.4 | 147.1 | 14.2 | 9.6 | 6.8 | 6.5 | 12.9 |

* Consolidated
* The GMR Infrastructure-led consortium has emerged as the successful bidder for the Sabiha Gocken airport in Italy. The concession ( 20 years including 30 months for construction) involves operation and maintenance of the existing airport and development of new greenfield international airport with a passenger handling capacity of 10 m per annum.
* It has also signed an MoU with Tamil Nadu Industrial Development Corporation (TIDCO) for the development of a multi-product SEZ in Krishnagiri district, with land acquisition to be completed over a period of one year. SEZ will be spread around 3,300 acres and the project cost for developing the basic infrastructure is estimated around Rs 23 b . The total development cost including industrial and social infrastructure would be around Rs 110 b.
* The company has achieved significant progress in award of various concession contracts: (1) Floating an EoI for development of realestate on 45 acres of land at Delhi airport, (2) Advertising contract at Hyderabad airport awarded to Laqshya Media Pvt Ltd (Laqshya) for a period of seven years.
\& We expect GMR to report net profit CAGR of $38 \%$ over FY07-10 on a consolidated basis. We expect its net profit after minority interest to grow from Rs 1.7 b in FY07 to Rs 4.6 b in FY10.
* We recommend Neutral.

| STOCK INFO. | BLOOMBERG |  |
| :--- | ---: | :---: |
| BSE Sensex: 17,291 | HCC IN |  |
|  | REUTERS CODE |  |
| S\&P CNX: 5,021 | HCNS.BO |  |
| Equity Shares (m) | 274.3 |  |
| 52-Week Range | $172 / 83$ |  |
| 1,6,12 Rel. Perf. (\%) | $-12 / 17 /-4$ |  |
| M.Cap. (Rs b) | 37.5 |  |
| M.Cap. (US\$ b) | 0.9 |  |


| 28 September 2007 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs 137 |
| 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 | 23,576 | 595 | 2.1 | -35.3 | 64.2 | 3.9 | 6.1 | 6.6 | 2.1 | 22.5 |
| 3/08E | 32,642 | 1,066 | 3.9 | 82.4 | 35.2 | 2.6 | 9.1 | 10.9 | 1.5 | 13.4 |
| 3/09E | 44,425 | 2,027 | 7.4 | 90.2 | 18.5 | 2.3 | 13.3 | 14.1 | 1.2 | 9.7 |

\& For 2QFY08, we expect HCC to report revenue of Rs 5.5b, up 30\% Yo Y, and net profit of Rs 19 m , down $53.9 \%$ Yo Y.
$\&$ HCC's order backlog at the end of June 2007 was Rs 97.2 (equivalent to $4 x$ FY07 revenue) and is L1 in projects worth Rs 25 b (HCC's share Rs 19.3 b ). Hydro projects accounted for $71 \%$ of the order intake during FY07. As of June 2007, share of power sector in order backlog increased to $46 \%$ (v/s $38 \%$ as of March 2006 and $14 \%$ as of March 2005).

* Lavasa Corp ( $60.5 \%$ subsidiary of HCC) has commenced soft launch at Phase 1 ( 1,739 acres) at Rs $2,450 / \mathrm{sft}$ for apartments and Rs2,950/sft for villas. Full-scale launch of the project is expected on Dussera (22 October 2007).
* The company has achieved significant progress on other real estate projects: (1) commenced construction for IT park ( 2 m sft ), and (2) 1,500 acres of land tied up (100 acre acquired) for developing integrated townships in Thane, Pune and Nashik.
\& During FY07-09, we expect HCC to report a revenue CAGR of $37 \%$ and a net profit CAGR of $85 \%$. The stock trades at a P/E of $35.2 x$ FY08E and $18.5 x$ FY09E.
$\star$ We recommend Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Gross Sales | 5,806 | 4,257 | 5,407 | 8,476 | 7,306 | 5,534 | 7,948 | 11,855 | 23,945 | 32,642 |
| Change (\%) | 25.9 | 40.9 | 18.6 | 10.3 | 25.8 | 30.0 | 47.0 | 39.9 | 20.5 | 36.3 |
| EBITDA | 461 | 395 | 664 | 877 | 791 | 546 | 881 | 1,370 | 2,396 | 3,588 |
| Change (\%) | 12.8 | 53.3 | 36.6 | 29.9 | 71.5 | 38.4 | 32.7 | 56.3 | 31.0 | 49.7 |
| As of \% Sales (Adj) | 7.9 | 9.3 | 11.1 | 9.1 | 10.8 | 9.9 | 10.2 | 10.5 | 9.3 | 10.4 |
| Depreciation | 161 | 186 | 206 | 244 | 228 | 250 | 260 | 268 | 797 | 1,006 |
| Interest | 74 | 158 | 175 | 212 | 322 | 270 | 210 | 193 | 620 | 995 |
| Other Income | 62 | 10 | 2 | 125 | 315 | 1 | 1 | 5 | 199 | 321 |
| PBT | 288 | 61 | 284 | 546 | 556 | 27 | 412 | 914 | 1,179 | 1,909 |
| Tax | 36 | 19 | 65 | 266 | 206 | 8 | 140 | 276 | 386 | 630 |
| Effective Tax Rate (\%) | 12.6 | 31.5 | 22.8 | 48.7 | 37.1 | 30.0 | 33.9 | 30.2 | 32.8 | 33.0 |
| Reported PAT | 251 | 42 | 220 | 280 | 350 | 19 | 272 | 638 | 793 | 1,279 |
| Adj PAT | 201 | 42 | 144 | 160 | 150 | 19 | 272 | 638 | 547 | 1,066 |
| Change (\%) | -11.2 | 45.3 | -36.5 | -62.4 | -25.6 | -53.9 | 89.4 | 298.6 | -33.1 | 94.9 |

E: MOSt Estimates

## IVRCL Infrastructure



| 28 September 2007 Buy |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs 422 |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ (\text { RS M) } \end{gathered}$ | EPS <br> (RS) | EPS 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 | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 23,059 | 1,415 | 10.5 | 20.8 | 40.2 | 4.1 | 15.1 | 13.8 | 2.4 | 24.1 |
| 3/08E | 32,935 | 1,815 | 13.5 | 28.3 | 31.3 | 3.7 | 12.3 | 15.0 | 1.8 | 17.5 |
| 3/09E | 46,915 | 2,540 | 18.9 | 40.0 | 22.4 | 3.2 | 15.3 | 19.0 | 1.4 | 12.8 |

* For 2QFY08, we expect IVRCL to report revenue of Rs 4.9 b, up $35 \%$ Yo Y, and net profit of Rs 197 m , up $26.8 \%$ Yo Y.
* The order backlog for the company stood at Rs 95 b as at June 2007, up from Rs $81 b$ as at March 2007, representing a book-to-bill ratio of 4.1x FY07 revenue of Rs23.1b.
* IVR Prime Urban Developers (a $62.4 \%$ subsidiary) has succes sfully completed its initial public offering recently. The company has a land bank of 3,300 acres (developable area of $60 \mathrm{~m} \mathrm{sft}+$ ) in Hyderabad, Chennai, Bangalore, Pune and Noida to be developed over the next five years.
\& The company achieved financial closure for the Chennai desalination project. The project involves setting up of a desalination plant for drinking water supply at a cost of Rs 4.9 b . The construction work on all its three road BOT projects has also started and the company has achieved a physical progress of $20 \%$ on these projects.

2. The management has guided revenue of Rs $33-35 b$ in FY08 (up 43-52\% YoY) and EBITDA marg in improvement of 25-50bp. The company has also guided $50 \%$ revenue growth in FY08 for subsidiary Hindustan Dorr-Oliver.
\& For FY07-09, we expect IVRCL to report CA GR of $42.6 \%$ in revenue and $34 \%$ in net profit. The lower growth in net profit would be largely due to the full tax provisioning in FY08 and FY09.

2 The stock trades at a P/E of $31.3 x$ FY08E and $22.4 x$ FY09E. We recommend Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Sales | 4,266 | 3,644 | 5,223 | 9,923 | 6,773 | 4,920 | 7,051 | 14,191 | 23,059 | 32,935 |
| Change (\%) | 41.9 | 42.0 | 27.9 | 68.0 | 58.8 | 35.0 | 35.0 | 43.0 | 54.2 | 42.8 |
| EBITDA | 407 | 308 | 556 | 1,073 | 600 | 443 | 705 | 1,629 | 2,301 | 3,377 |
| Change (\%) | 73.3 | 46.5 | 61.8 | 92.3 | 47.5 | 43.6 | 26.8 | 51.8 | 71.4 | 46.7 |
| As of \% Sales | 9.5 | 8.5 | 10.7 | 10.8 | 8.9 | 9.0 | 10.0 | 11.5 | 10.0 | 10.3 |
| Depreciation | 38 | 49 | 60 | 69 | 66 | 73 | 75 | 82 | 216 | 296 |
| Interest | 133 | 103 | 98 | 25 | 57 | 87 | 124 | 144 | 308 | 412 |
| Other Income | 17 | 55 | 18 | 2 | 10 | 15 | 22 | 30 | 74 | 77 |
| PBT | 253 | 211 | 416 | 981 | 488 | 298 | 528 | 1,432 | 1,851 | 2,746 |
| Tax | 42 | 56 | 94 | 249 | 108 | 101 | 179 | 543 | 436 | 931 |
| Effective Tax Rate (\%) | 16.6 | 26.5 | 22.7 | 25.4 | 22.2 | 33.9 | 33.9 | 37.9 | 23.6 | 33.9 |
| Reported PAT | 211 | 155 | 321 | 732 | 380 | 197 | 349 | 890 | 1,415 | 1,815 |
| Adj PAT | 261 | 155 | 271 | 732 | 380 | 197 | 349 | 890 | 1,415 | 1,815 |
| Change (\%) | 53.0 | 38.7 | 22.4 | 67.1 | 45.4 | 26.8 | 28.7 | 21.5 | 52.2 | 28.3 |

E: MOSt Estimates

# Jaiprakash Associates 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 JPA IN |  |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | JAIA.BO |

Equity Shares (m) 251.1
52-Week Range 1,160/448
1,6,12 Rel. Perf. (\%) 4/72/88
M.Cap. (Rs b) 274.2
M.Cap. (US\$ b) 6.9

| 28 September 2007 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS* } \\ & \text { (RS) } \end{aligned}$ | EPS GR.* <br> (\%) | $\begin{gathered} \text { P/E* } \\ (X) \end{gathered}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | ROE (\%) | $\begin{gathered} \text { ROCE } \\ (\%) \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 34,639 | 4,330 | 19.7 | 55.4 | 55.3 | 8.3 | 15.6 | 10.8 | 8.1 | 34.0 |
| 3/08E | 40,215 | 5,727 | 22.8 | 15.5 | 47.9 | 4.7 | 13.2 | 12.2 | 7.5 | 23.8 |
| 3/09E | 53,694 | 7,556 | 30.1 | 31.9 | 36.3 | 4.3 | 12.3 | 12.8 | 5.8 | 19.7 |

* Fully diluted
* For 2QFY08, we expect Jaiprakash to report revenue of Rs 8.9 b, up $16 \%$ YoY, and net profit of Rs 1.1 b , up $25.7 \%$ YoY.
\& The company has started construction work on the Taj expressway and has recently invited expressions of interest for marketing of its initial 600 acres land at Noida, which it plans to launch shortly. The levelization of the expressway has been done on 2.5 km of road length (total length of 166 km ) till now. The company has got the land for construction of 5.3 km of road while land for another $25-30 \mathrm{~km}$ of road construction would be allotted by October 2007 .
\& Jaiprakash would have an installed capacity of 25 mtpa by FY11 (its proportionate share) - 3.5 m ton in FY08, 7.7 m ton in FY09, 5.6 m ton in FY10 and 1.3 m ton in FY11. It has recently emerged as the successfulbidder for the Bokaro steel plant of SAIL to develop 1m ton cement plant. It also plans to bid for the Rourkela steel plant of SAIL, bids for which are likely to be invited soon.
\& The company has sold 1.7 m sft till June 2007 ( $\mathrm{v} / \mathrm{s} 1.5 \mathrm{~m}$ sft in March 2007) and the average realization is in the range of Rs $7,400-7,500 / \mathrm{sft}$ (v/s Rs6,500/sft in March 2007). It has repaid all its debt through customer advances.
\& The company's engineering and construction order book as at the end of March 2007 stood at $\sim$ Rs 73 b , ensuring revenue visibility till FY09. The stock trades at a P/E of 47.9x FY08E and 36.3x FY09E. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Sales | 8,950 | 7,700 | 8,910 | 8,860 | 9,270 | 8,932 | 10,247 | 11,767 | 34,420 | 40,215 |
| Change (\%) | 9.5 | 14.6 | 11.8 | 3.6 | 3.6 | 16.0 | 15.0 | 32.8 | 9.6 | 16.8 |
| EBITDA | 2,130 | 1,980 | 2,310 | 2,630 | 2,390 | 2,569 | 2,978 | 4,708 | 9,040 | 12,645 |
| Change (\%) | 37.4 | 42.4 | 38.3 | 70.8 | 12.2 | 29.7 | 28.9 | 79.0 | 46.3 | 39.9 |
| As of \% Sales | 23.8 | 25.7 | 25.9 | 29.7 | 25.8 | 28.8 | 29.1 | 40.0 | 26.3 | 31.4 |
| Depreciation | 380 | 390 | 430 | 420 | 450 | 450 | 475 | 772 | 1,630 | 2,147 |
| Interest | 590 | 620 | 700 | 650 | 790 | 837 | 980 | 1,150 | 2,570 | 3,757 |
| Other Income | 250 | 380 | 400 | 300 | 780 | 430 | 450 | 169 | 1,360 | 1,829 |
| PBT | 1,410 | 1,350 | 1,580 | 1,860 | 1,930 | 1,712 | 1,973 | 2,955 | 6,200 | 8,570 |
| Tax | 490 | 450 | 560 | 550 | 530 | 580 | 669 | 1,063 | 2,050 | 2,842 |
| Effective Tax Rate (\%) | 34.8 | 33.3 | 35.4 | 29.6 | 27.5 | 33.9 | 33.9 | 36.0 | 33.1 | 33.2 |
| Reported PAT | 920 | 900 | 1,020 | 1,310 | 1,400 | 1,131 | 1,304 | 1,892 | 4,150 | 5,727 |
| Adj PAT | 920 | 900 | 1,020 | 1,310 | 1,400 | 1,131 | 1,304 | 1,892 | 4,150 | 5,727 |
| Change (\%) | 70.4 | 4.7 | 78.9 | 87.1 | 52.2 | 25.7 | 27.9 | 44.4 | 55.4 | 38.0 |

E: MOSt Estimates
Satyam Agarwal (Agarwals@MotilalOswal.com); Tel: +91 22 39825410/Nalin Bhatt (NalinBhatt@MotilalOswal.com); +91 2239825429

# Nagarjuna Construction 

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> NJCC IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 5,021 | NGCN.BO |
| Equity Shares (m) | 240.3 |
| 52-Week Range | $257 / 139$ |
| 1,6,12 Rel. Perf. (\%) | $12 / 25 / 22$ |
| M.Cap. (Rs b) | 60.8 |
| M.Cap. (US\$ b) | 1.5 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Buy } \\ & \text { Rs } 253 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{aligned} & \mathrm{P} / \mathrm{E} \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | Roe <br> (\%) | Roce (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 28,711 | 1,335 | 6.4 | 26.1 | 39.5 | 5.1 | 13.5 | 14.9 | 2.2 | 22.9 |
| 3/08E | 38,098 | 1,941 | 8.1 | 26.2 | 31.3 | 3.3 | 13.4 | 12.8 | 1.8 | 17.5 |
| 3/09E | 52,780 | 2,839 | 11.8 | 46.2 | 21.4 | 2.9 | 14.4 | 14.0 | 1.4 | 13.3 |

\& For 2QFY08, we expect Nagarjuna Construction (NCC) to report revenue of Rs 6.7 b , up $2 \%$ Yo Y, and net profit of Rs 342 m , up $2.2 \%$ YoY.

* As at end-June 2007, NCC's order book stood at Rs 77.7 b , which includes Rs 6.5 b from own road BOT projects and Rs 2.3b from NCC Urban Infra (real estate subsidiary). Order book composition: roads $25 \%$, buildings $24.5 \%$, water $20 \%$, irrigation/HEP $7 \%$, electricals $6 \%$, power $2 \%$, oil/gas $5 \%$, international $10.5 \%$.
\& NCC has struck its maiden order in the new foray into metals sector in consortium with Posco E\&C of South Korea for Rs 16b from SAIL for IISCO Steel Plant at Burnpur, West Bengal. Its share of the order stands at Rs 11 b .
\& NCC Urban Infrastructure ( $80 \%$ subsidiary) has land bank of 530 acres ( 127 acres contributed by NCC and 140 acres from Ranchi and Vizag project). In Phase 1, the company has plans to develop 267 acres (development area of 13.4 m sft ) over a four-year period. On the remaining 263 acres, the company plans to start development over the next 12 months. It has also received LoI from Hyderabad Urban Development Authority (NCC Urban Infra $26 \%$, Dishman $37 \%$ and ICICI Ventures $37 \%$ ) for development of an integrated township over 400 acres of land. Nagarjuna has first right of refusal for the construction contract.
* For FY08, the management has guided revenue of Rs 40 b, up $40 \%$ YoY, and net profit margin of $5.5 \%-5.75 \%$ as against $5.3 \%$ during FY07. For NCC Urban Infrastructure, the management has guided revenue of Rs 3 b (development of 1.2 m sft ) for FY08, Rs 8 b ( $2.5 \mathrm{~m} \mathrm{sft)} \mathrm{for} \mathrm{FY09} \mathrm{and} \mathrm{Rs} 10 \mathrm{~b}$ ( $4 \mathrm{~m} \mathrm{sft)} \mathrm{for} \mathrm{FY10}$.
\& The stock trades at a P/E of 31.3x FY08E and 21.4x FY09E. We maintain Buy.

| Quarterly performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Sales | 6,517 | 6,517 | 6,998 | 8,679 | 7,622 | 6,647 | 10,147 | 13,682 | 28,711 | 38,098 |
| Change (\%) | 81.4 | 77.0 | 48.1 | 35.5 | 16.9 | 2.0 | 45.0 | 57.7 | 56.0 | 32.7 |
| EBITDA | 550 | 618 | 802 | 727 | 794 | 771 | 1,125 | 1,241 | 2,697 | 3,930 |
| Change (\%) | 97.8 | 63.0 | 75.5 | 36.9 | 44.3 | 24.8 | 40.2 | 70.6 | 64.4 | 45.7 |
| As of \% Sales | 8.4 | 9.5 | 11.5 | 8.4 | 10.4 | 11.6 | 11.1 | 9.1 | 9.4 | 10.3 |
| Depreciation | 58 | 69 | 76 | 96 | 104 | 108 | 115 | 121 | 299 | 448 |
| Interest | 57 | 96 | 185 | 166 | 145 | 190 | 210 | 204 | 504 | 750 |
| Other Income | 8 | 10 | 5 | 270 | 4 | 15 | 15 | 27 | 292 | 61 |
| PBT | 443 | 462 | 546 | 735 | 548 | 488 | 815 | 943 | 2,186 | 2,793 |
| Tax | 59 | 69 | 97 | 443 | 187 | 146 | 244 | 274 | 667 | 852 |
| Effective Tax Rate (\%) | 13.3 | 14.9 | 17.8 | 60.2 | 34.2 | 30.0 | 30.0 | 29. | 30.5 | 30.5 |
| Reported PAT | 384 | 393 | 449 | 293 | 360 | 342 | 570 | 669 | 1,519 | 1,941 |
| Adj PAT | 326 | 334 | 359 | 339 | 360 | 342 | 570 | 669 | 1,358 | 1,941 |
| Change (\%) | 70.3 | 59.9 | 33.9 | -3.1 | 10.4 | 2.2 | 59.1 | 97.6 | 30.7 | 43.0 |

E: MOSt Estimates
Satyam Agarwal (Agarwals@MotilalOswal.com); Tel: +91 22 39825410/Nalin Bhatt (NalinBhatt@MotilalOswal.com); +91 2239825429

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | PEC IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | PENG.BO |


| Equity Shares (m) | 59.7 |
| :--- | ---: |
| 52-Week Range | $490 / 293$ |
| 1,6,12 Rel. Perf. (\%) | $-5 / 0 / 1$ |
| M.Cap. (Rs b) | 27.0 |
| M.Cap. (US\$ b) | 0.7 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs 453 |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES* (RS M) | $\begin{aligned} & \text { PAT* } \\ & \text { (RS M) } \end{aligned}$ | EPS <br> (RS) | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{aligned} & \text { P/E } \\ & (X) \end{aligned}$ | $\begin{gathered} \mathrm{P} / \mathrm{BV} \mathrm{a} \\ (\mathrm{X}) \end{gathered}$ | RoE <br> (\%) | ROCE <br> (\%) | EV/ SALES | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 11,024 | 1,120 | 18.8 | 28.1 | 24.1 | 3.8 | 24.1 | 14.8 | 2.4 | 18.0 |
| 3/08E | 14,302 | 1,134 | 19.0 | 1.2 | 23.8 | 3.6 | 14.5 | 14.9 | 2.0 | 14.1 |
| 3/09E | 18,751 | 1,531 | 25.7 | 35.1 | 17.6 | 3.1 | 17.0 | 15.9 | 1.6 | 11.2 |

* Consolidated

2. For 2QFY08, we expect Patel to report revenue of Rs 2.5 b , up 27.5\% YoY, and net profit of Rs 234 m , down $6.4 \%$ YoY mainly due to the higher tax provision.
3. Order book as at June 2007 stood at Rs 50 b (v/s Rs 39.4 b as at March 2006 and Rs 48 b as at December 2006). Order book composition: hydro $55 \%$, irrigation $25 \%$, and transportation and others $20 \%$. This compares with (FY06 composition): hydro $40 \%$, irrigation $38 \%$, and transportation and others $22 \%$. Thus, there is a shift in order book composition towards hydropower projects, which entails comparatively better margins (at 17-22\%) v/s irrigation (10$15 \%$ ) and transportation (5-8\%).
\& Patel Engineering has transferred development rights for its exis ting land bank of 500 acres ( 60 m sft) to Patel Realty India (PRIL), a $100 \%$ subsidiary. The entire land bank is in the company's physical possession, and is unencumbered with proper title deeds registered. In Phase 1, the company is commencing construction of 0.75 m sft commercial space in Jogeshwari (construction to start from October 2007) and $3-5 \mathrm{~m} \mathrm{sft}$ of commercial and residential development at Bangalore (construction to start from end FY08). In Phase 2, the company would take up development of another 5 m sft at Bangalore and Chennai. Phase 3 will cover Hyderabad.

* The management has indicated that the existing order book could drive a $25 \%$ revenue CAGR over the next 2.5 years. Further, the company expects order intake of Rs $20 \mathrm{~b}+$ during FY08, which could further add to the expected growth. Patel Engineering is pre-qualified to bid for projects worth Rs 60 b in the hydropower space and Rs 40 b in irrigation and transportation.
* The stock trades at a reported P/E of 23.8x FY08E and 17.6x FY09E. We recommend Buy.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3 Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Sales | 2,900 | 1,979 | 2,184 | 3,962 | 3,301 | 2,523 | 2,839 | 5,640 | 11,024 | 14,302 |
| Change (\%) | 52.8 | 40.6 | 28.7 | 31.5 | 13.8 | 27.5 | 30.0 | 42.3 | 37.5 | 29.7 |
| EBITDA | 318 | 307 | 419 | 456 | 358 | 366 | 554 | 706 | 1,500 | 1,984 |
| Change (\%) | 54.2 | 38.7 | 15.9 | 69.2 | 12.6 | 19.1 | 32.1 | 54.9 | 41.7 | 32.2 |
| As of \% Sales | 11.0 | 15.5 | 19.2 | 11.5 | 10.9 | 14.5 | 19.5 | 12.5 | 13.6 | 13.9 |
| Depreciation | 65 | 66 | 70 | 72 | 66 | 85 | 95 | 122 | 273 | 369 |
| Interest | 46 | -13 | 24 | 52 | 27 | 35 | 40 | 33 | 109 | 135 |
| Other Income | 26 | 20 | 11 | 35 | 35 | 30 | 45 | 35 | 91 | 145 |
| PBT | 233 | 274 | 335 | 368 | 300 | 276 | 464 | 586 | 1,210 | 1,625 |
| Tax | 33 | 24 | 44 | 28 | 37 | 41 | 176 | 297 | 129 | 551 |
| Effective Tax Rate (\%) | 14.2 | 8.7 | 13.0 | 7.7 | 12.2 | 15.0 | 37.9 | 50.8 | 10.6 | 33.9 |
| Reported PAT | 200 | 250 | 292 | 340 | 264 | 234 | 288 | 288 | 1,081 | 1,074 |
| Adj PAT | 200 | 250 | 292 | 340 | 264 | 234 | 288 | 288 | 1,081 | 1,074 |
| Change (\%) | 76.9 | 98.2 | 16.4 | 59.9 | 32.1 | -6.4 | -1.3 | -15.0 | 54.0 | -0.6 |

E: MOSt Estimates
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## Media

## 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 |
| Media |  |  |  |  |  |  |
| Zee Entertainment | 19 | 14 | 0 | -25 | 0 | -3 |

RELATIVE PERFORMANCE - 3 MONTH (\%) Sensex MOSt Media Index

|  | CMP (RS) | RECO |  | S (RS) |  |  | P/E (X) |  |  | /EBITDA |  |  | OE (\%) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 28.9.07 |  | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E |
| Media |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Zee Entertainment | 342 | Neutral | 5.5 | 8.1 | 11.7 | 62.7 | 42.4 | 29.3 | 47.1 | 27.5 | 19.4 | 13.4 | 17.4 | 17.2 |


| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) |
| Media |  |  |  |  |  |  |  |
| Zee Entertainment | Neutral | 4,199 | 20.1 | 1,254 | 478.4 | 817 | 335.7 |

# Zee Entertainment Enterprise 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | Z IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | ZEE.BO |


| Equity Shares (m) | 433.5 |
| :--- | ---: |
| 52-Week Range | $381 / 210$ |
| 1,6,12 Rel. Perf. (\%) | $2 / 8 /-25$ |
| M.Cap. (Rs b) | 148.5 |
| M.Cap. (US\$ b) | 3.7 |

28 September 2007

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | $\frac{\operatorname{Rs} 342}{\substack{\text { EV/ } \\ \text { EBITDA }}}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{aligned} & \text { PAT } \\ & (\text { RS M) } \end{aligned}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{aligned} & \mathrm{P} / \mathrm{E} \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \mathrm{P} / \mathrm{BV} \mathrm{a} \\ (\mathrm{X}) \end{gathered}$ | Roe <br> (\%) | ROCE <br> (\%) | EV/ SALES |  |
| 3/07A | 15,159 | 2,374 | 5.5 | 11.7 | 62.7 | 5.8 | 13.4 | 12.8 | 10.0 | 47.2 |
| 3/08E | 17,909 | 3,516 | 8.1 | 48.1 | 42.4 | 5.2 | 17.4 | 19.6 | 8.3 | 27.6 |
| 3/09E | 21,254 | 5,086 | 11.7 | 44.6 | 29.3 | 4.4 | 17.2 | 23.7 | 6.8 | 19.5 |

\& We expect Zee Entertainment Enterprise (ZEEL) to report 7\% QoQ growth in revenue on back of a higher advertising and subscription income.
\& We believe ZEEL's advertis ing income would grow backed by improvement in the ratings of its flagship channel Zee TV. The gap between Zee TV and Star TV has reduced with Zee TV's share increasing from $23 \%$ to $28.5 \%$, slightly behind Star Plus - 30.7\% (August-September 2007). We expect 3.4\% QoQ growth in advertising income.
\& 1QFY08 witnessed a sequential decline in subscription revenue due to reduction in bouquet price offered to Tata Sky and slow roll out of CAS. However, with the increase in DTH subscriber base, we expect ZEEL's subscription revenue to post $11 \%$ sequential growth to Rs $1,866 \mathrm{~m}$.

* Strong focus on content has improved overall rating for Zee TV and brought the advertising rates of GEC at par with Star Plus. Zee TV's music talent show 'Saregamapa Challenge' is the number one show with TRP of 6.2 and its other shows continue to maintain their TRP ratings.
\& PAT is expected to grow by $6 \% \mathrm{QoQ}$ to Rs 817 m , on higher advertising and subscription revenue.
\& The stock is trading at $42.4 x$ FY08E and 29.3x FY09E earnings. We maintain Neutral.

| quarterly performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 30 | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Advertsing Revenue | 1,392 | 1,718 | 2,105 | 1,849 | 2,044 | 2,113 | 2,409 | 2,457 | 7,064 | 9,023 |
| Subscription Revenue | 1,327 | 1,474 | 1,956 | 1,849 | 1,681 | 1,866 | 2,094 | 2,345 | 6,606 | 7,985 |
| Other Sales and Services | 175 | 305 | 116 | 146 | 191 | 220 | 240 | 250 | 742 | 901 |
| Net Sales | 2,894 | 3,497 | 4,177 | 3,844 | 3,916 | 4,199 | 4,742 | 5,052 | 14,412 | 17,909 |
| Change (\%) |  |  | 53.0 | 10.6 | 35.3 | 20.1 | 13.5 | 31.4 | 30.5 | 24.3 |
| Prog, Transmission \& Direct Exp | 1,598 | 2,403 | 1,721 | 1,632 | 1,585 | 1,685 | 1,910 | 1,980 | 7,353 | 8,328 |
| Staff Cost | 244 | 240 | 232 | 292 | 375 | 380 | 435 | 450 | 1,008 | 1,381 |
| Selling and Other Exp | 391 | 638 | 867 | 969 | 759 | 880 | 950 | 1,100 | 2,864 | 2,821 |
| EBITDA | 662 | 217 | 1,357 | 951 | 1,197 | 1,254 | 1,447 | 1,522 | 3,187 | 5,380 |
| Change (\%) |  |  | 186.3 | 111.9 | 80.9 | 478.4 | 6.6 | 60.0 | 28.8 | 68.8 |
| As of \% Sales | 22.9 | 6.2 | 32.5 | 24.8 | 30.6 | 29.9 | 30.5 | 30.1 | 22.1 | 30.0 |
| Depreciation | 52 | 51 | 69 | 56 | 67 | 67 | 67 | 67 | 228 | 267 |
| Interest | 109 | 35 | 68 | 8 | 118 | 25 | 10 | 5 | 220 | 118 |
| Other Income | 147 | 152 | 155 | 177 | 213 | 175 | 170 | 165 | 630 | 723 |
| PBT | 648 | 282 | 1,375 | 1,064 | 1,225 | 1,337 | 1,540 | 1,615 | 3,369 | 5,718 |
| Tax | 109 | 74 | 417 | 365 | 412 | 435 | 508 | 533 | 964 | 1,887 |
| Effective Tax Rate (\%) | 16.8 | 26.1 | 30.3 | 34.3 | 33.6 | 32.5 | 33.0 | 33.0 | 28.6 | 33.0 |
| Reported PAT | 539 | 209 | 958 | 699 | 813 | 902 | 1,032 | 1,082 | 2,405 | 3,831 |
| Minority Interest | 13 | 21 | 83 | 95 | 42 | 85 | 93 | 95 | 212 | 315 |
| Adj PAT | 526 | 188 | 875 | 604 | 771 | 817 | 939 | 987 | 2,193 | 3,516 |
| Change (\%) |  |  | 166.9 | 12.8 | 46.6 | 335.7 | 7.3 | 63.5 | 8.3 | 60.3 |

E: MOSt Estimates; Quarterly numbers doesnot match with full year due to recasting
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## Metals

BSE Sensex: 17,291

| COMPANY NAME | PG. |
| :--- | :---: |
| Hindalco | 174 |

Hindustan Zinc 175

Jindal Steel 176

JSW Steel 177
Nalco 178

Sterlite Industries 179

SAIL 180

Tata Steel 181

## Steel

Growth in crude steel production is moderating: Global crude steel output increased $8.8 \%$ to 869 m tonnes during Jan-A ug 2007 driven by growth of $18.2 \%$ in China, $9.4 \%$ in India and $3.7 \%$ in rest of the world (ROW). Monthly crude steel production in China has been ranging between $40 \mathrm{~m}-42 \mathrm{~m}$ tonnes for the last six months (March-August 2007) and YoY growth rates have fallen from $26.4 \%$ in January 2007 to $13.3 \%$ in August 20 07. China still is the largest contributor to the growth and accounts for $70 \%$ of 70 m tonnes of YoY incremental crude steel production during January-August 2007.

GLOBAL MONTHLY CRUDE STEEL PRODUCTION


Source: IISI

Double-digit consumption growth in China continues: The consumption of finished steel in China continues to post double digit growth driven by continued momentum in fixed asset formation, industrial production, ship building, machinery building and infrastructure construction.

| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) |
| Metals |  |  |  |  |  |  |  |
| Hindalco * | Neutral | 47,958 | 3.5 | 7,825 | -20.7 | 5,014 | -22.8 |
| Hindustan Zinc | Buy | 19,160 | -21.5 | 13,583 | -26.8 | 9,562 | -26.3 |
| Jindal Steel \& Power | Buy | 12,476 | 58.0 | 4,813 | 56.0 | 2,289 | 45.6 |
| JSW Steel | Buy | 26,515 | 20.8 | 9,213 | 32.3 | 4,415 | 27.5 |
| Nalco | Neutral | 12,402 | -14.0 | 6,069 | -30.6 | 4,228 | -28.9 |
| SAIL | Buy | 96,885 | 13.5 | 30,152 | 29.2 | 19,460 | 34.9 |
| Sterlite Inds. | Buy | 57,689 | -14.1 | 19,559 | -24.0 | 10,534 | -9.6 |
| Tata Steel | Buy | 48,480 | 15.8 | 19,168 | 12.4 | 11,328 | 0.1 |
| Sector Aggregate |  | 321,565 | 3.9 | 110,382 | -2.6 | 66,830 | -1.5 |

[^7]Sanjay Jain (SanjayJain@MotilalOswal.com);Tel:+9122 39825412/Ashutosh Somani (ashutosh.somani@motilaloswal.com);Tel:+9122 39825425

| MONTH | PROD.(M TONS) | $\begin{aligned} & \text { IMPORT } \\ & \text { (M TONS) } \end{aligned}$ | EXPORTS |  |  | $\begin{aligned} & \text { APP. } \\ & \text { CONS. } \end{aligned}$ | $\begin{gathered} \hline \text { YTD } \\ (\%) \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | (M TONS) | MOM (\%) | YOY (\%) |  |  |
| Jan-07 | 40.4 | 1.5 | 4.4 | -21.4 | 144 | 37.5 |  |
| Feb-07 | 38.6 | 1.2 | 4.4 | 0.0 | 132 | 35.4 | 15.0 |
| Mar-07 | 47.0 | 1.6 | 5.4 | 22.7 | 93 | 43.2 | 15.6 |
| Apr-07 | 46.3 | 1.6 | 7.2 | 33.3 | 167 | 40.7 | 13.9 |
| May-07 | 47.5 | 1.4 | 6.2 | -13.9 | 77 | 42.7 | 13.4 |
| Jun-07 | 49.2 | 1.4 | 6.2 | -0.6 | 40 | 44.4 | 13.8 |
| Jul-07 | 47.7 | 1.4 | 5.9 | -3.6 | 65 | 43.2 | 14.4 |
| Aug-07 | 48.3 | 1.4 | 5.4 | -9.4 | 38 | 44.3 | 15.2 |
|  |  |  |  |  |  | So | dustry |

Chinese government continues to discourage exports by removing export rebates and imposing duties to avoid trade friction with partner countries, which has resulted in export volumes peaking.

FINISHED STEEL EXPORTS FROM CHINA HAVE PEAKED (M TONS)


Source: Metal Bulletin

Chinese export prices of HRC after falling to a low of US\$510/tonne f.o.b. in the month of July have since increased to US $\$ 600 /$ tonne f.o.b. due to strong local demand and rising iron ore prices. Though there is a small correction of about US $\$ 20 /$ tonne in the third week of September 2007, the bullishness prevails, as China is expected to increase export duty on HRC and other steel products from $5 \%$ to $10 \%$.

Global steel prices, which were trending down since May 2007, bottomed out towards the end of August 2007 due to continued strong demand in most parts of world with the exception of USA, firming prices of metallic' (steel scrap and iron ore) due to shortage and high ocean freight.


Source: Metal Bulletin (prices in CIS countries)
After offering price cuts for a couple of months in a sequence, Indian steel producers increased prices of HRC by Rs $800-$ Rs 900 per tonne in September 2007 to align with the rising landed cost of imports, as prices had started moving up globally. Import prices of HRC are continuing their uptrend and the new offers are reported at US $\$ 670 /$ tonne, which is higher by $\sim$ US $\$ 50-60 /$ tonne since the beginning of September 2007. Despite strengthening of the Indian rupee against the US dollar, the gap between domestic prices and landed costs of imports has widened by Rs $1,000-\mathrm{Rs} 1,500$ per tonne and there is a case of price hike at the beginning of October 2007. Indian producers have raised the prices of HRC and long products by Rs $750 /$ tonne w.e.f. 1 October 2007.

We expect SAIL, Tata Steel, JSW Steel and Jindal Steel \& Power to post Yo Y growth in 2QFY08 earnings, which will be driven by strong prices and volume growth. We expect average realization for most players to be lower by $\sim 2 \% \mathrm{QoQ}$ due to the price trend.

1-YEAR FORWARD PE RATIO (X)



Source: Motilal Oswal Securities
We maintain our positive view on integrated players, Tata Steel is best pick: We believe that companies like SAIL, JSW Steel and Jindal Steel \& Power will continue to show strong operating performance on account of their captive raw material and high volume growth. Tata Steel too is expected to post growth in EBITDA of Indian operations and strong performance of Corus. We believe strong demand in most part of the world (except USA) and cost pressures from raw materials have been the key drivers behind the rally in steel prices. Iron ore prices have more than doubled to US\$ $155 /$ tonne since the beginning of year. The spot prices of coking coal too are moving up. The actual impact of iron ore and coking coal cost pressure will be felt in 2008 when the annual contracts are negotiated and steel producers worldwide will try to pass this cost to the consumer as demand is strong. Therefore, we believe the re-rating of sector will continue.

The valuations of SAIL, JSW Steel and Jindal Steel \& Power have run up significantly due to captive iron ore, proximity to mines and exposure to the domestic market. However, the PE and EV/EBITDA rating of Tata Steel has lagged far behind. Tata Steel has captive iron ore $(\sim 20 \%)$ and coking coal ( $\sim 15 \%$ ) on the current production of the consolidated entity, which will more than double in next five years, as its production in India would increase on completion of greenfield and brownfield projects. On start of coal mining in Mozambique, the coal security for Tata Steel will improve further. Tata Steel will have savings of interest costs after completion of rights issue of $\sim \mathrm{US} \$ 2.5 \mathrm{~b}$ and tax shield on placement of US\$6.1b debt on Corus in subsequent quarters. Tata Steel is our top pick.

## Non-ferrous metals

Global stocks of aluminium are falling but inventory is rising at LME: Aluminium prices at LME have corrected from their peak by $\sim 10 \%$ in last few months. Though the global stocks are falling, the inventories at LME are rising. Rising inventories at LME are explained by rising Contango premium which are used to fund the carrying cost. We believe the demand fundamentals are strong and remain positive on metal prices.


Source: IAI and LME

We remain Neutral on Nalco \& Hindalco and positive on Sterlite \& Hindustan Zinc: During 2QY08, zinc and aluminium prices have corrected substantially without significant change in demand and supply fundamentals. Though the copper prices continue to rule firm, there is continued pressure on TcRc margins. Indian base metal companies are a play on aluminium and zinc prices, alumina prices and copper TcRc margins. Therefore, the earnings growth for Hindalco, Nalco, Hindustan Zinc and Sterlite will remain muted ahead. This is further aggravated due to appreciation of Indian currency and reduction of import duty from $7.5 \%$ to $5 \%$ in the beginning of 2007. The demand fundamentals for base metals are strong, driven by continued economic growth in most parts of the world and zinc could witness supply side issues. We expect zinc prices to bounce back from the current level and hence maintain our positive outlook on Sterlite, which is a diversified play on three base metals and has embedded options.

QUATERLY AVERAGE OF METAL PRICES (US\$/TON)

| QuARTER | ZINC |  |  | ALUMINIUN |  |  | COPPER |  |  | LEAD |  |  | ALUMINA |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | AVG. | QoQ \% | yoy \% | AVG. | QOQ \% | Yoy \% | AVG. | QoQ \% | yor \% | AVG. | QoQ \% | Yoy \% | AVG. | QOQ \% | yoy \% |
| 2QFY08 | 3,235 | -12 | -4 | 2,618 | -7 | 3 | 7,600 | 0 | 0 | 3,073 | 41 | 157 | 348 | -3 | 2 |
| 1QFY08 | 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 |

## 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 | 2 | 1 | -17 | -39 | -39 | -93 |
| Hindustan Zinc | 16 | 37 | -3 | -3 | -24 | -57 |
| Jindal Steel \& Power | 54 | 211 | 35 | 172 | 13 | 118 |
| JSW Steel | 42 | 203 | 23 | 163 | 1 | 109 |
| Nalco | 16 | 40 | -3 | 0 | -25 | -54 |
| SAIL | 58 | 175 | 38 | 135 | 17 | 81 |
| Sterlite Inds. | 30 | 72 | 11 | 33 | -11 | -21 |
| Tata Steel | 43 | 64 | 24 | 24 | 3 | -30 |

RELATIVE PERFORMANCE - 3 MONTH (\%)
RELATIVE PERFORMANCE - 1 YEAR (\%)


| CMP (RS) <br> 28.9 .07 |  | RECO | EPS (RS) |  |  | P/E (X) |  |  | EV/EBITDA |  |  | ROE (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E |
| Metals |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hindalco | 172 |  | Neutral | 24.2 | 7.5 | 12.3 | 7.1 | 23.1 | 14.0 | 5.7 | 9.0 | 7.4 | 22.8 | 6.5 | 9.2 |
| Hindustan Zinc | 813 | Buy | 105.1 | 93.8 | 102.6 | 7.7 | 8.7 | 7.9 | 4.8 | 5.1 | 4.1 | 58.2 | 35.1 | 28.4 |
| Jindal Steel \& Power | 5,183 | Buy | 228.3 | 305.5 | 357.3 | 22.7 | 17.0 | 14.5 | 14.0 | 9.7 | 7.6 | 28.3 | 27.9 | 27.3 |
| JSW Steel | 851 | Buy | 71.7 | 102.4 | 114.8 | 11.9 | 8.3 | 7.4 | 6.9 | 5.7 | 5.3 | 24.1 | 25.9 | 23.6 |
| Nalco | 302 | Neutral | 37.0 | 24.3 | 27.2 | 8.2 | 12.4 | 11.1 | 4.5 | 5.8 | 6.6 | 30.8 | 22.6 | 17.6 |
| SAIL | 207 | Buy | 14.6 | 20.4 | 21.8 | 14.1 | 10.1 | 9.5 | 7.9 | 5.6 | 5.4 | 34.8 | 34.6 | 28.6 |
| Sterlite Inds. | 748 | Buy | 80.6 | 59.4 | 63.4 | 9.3 | 12.6 | 11.8 | 5.6 | 4.9 | 4.0 | 45.3 | 19.1 | 17.3 |
| Tata Steel | 850 | Buy | 70.2 | 114.6 | 130.0 | 12.1 | 7.4 | 6.5 | 9.7 | 5.2 | 4.7 | 27.6 | 24.7 | 22.7 |
| Sector Aggregate |  |  |  |  |  | 12.0 | 9.9 | 9.0 | 6.9 | 5.8 | 5.2 | 34.1 | 24.4 | 21.9 |


| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | HNDL IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | HALC.BO |


| Equity Shares (m) | $1,306.8$ |
| :--- | ---: |
| 52-Week Range | $193 / 125$ |
| 1,6,12 Rel. Perf. (\%) | $-4 /-2 /-39$ |
| M.Cap. (Rs b) | 224.8 |
| M.Cap. (US\$ b) | 5.6 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 172 |
| year | ES | PAT | EPS | EPS | PIE | P/BV | ROE | ROCE | EV/ | EV/ |
| end | (RS M) | (RS M) | (RS) | OWTH (\%) | (X) | (x) | (\%) | (\%) | Sales | EBITDA |
| 3/07A | 199,548 | 28,006 | 24.2 | 77.5 | 7.1 | 1.6 | 22.8 | 18.8 | 1.2 | 5.2 |
| $3 / 08 \mathrm{E}$ | 677,234 | 9,738 | 7.5 | -69.2 | 23.1 | 1.5 | 6.5 | 6.2 | 0.7 | 9.0 |
| $3 / 09 \mathrm{E}$ | 715,849 | 16,041 | 12.3 | 64.7 | 14.0 | 1.3 | 9.2 | 7.7 | 0.7 | 7.4 |

Consolidated
25 For 2QFY08, we expect standalone PAT to decline $22.8 \%$ YoY to Rs 5 b due to $7 \%$ YoY lower aluminium prices on the LME, appreciation of currency, lower import duty and falling TcRc margins despite volume growth of $26 \%$ for copper and $2 \%$ for aluminium.
2. Revision of our aluminium (from US\$2,750/tonne to US\$2,400/tonne) and the rupee (from 40Rs/US\$ to 39Rs/US\$) assumption has led to a decline in our EPS. Our EPS estimates have consequently taken a hit up to $25 \%$ for FY08E and $28 \%$ for FY09E.
2. The stock is trading at EV/EBITDA of 9x FY08E and 7.4x FY09E. The company has investments in listed stock, which have market value of $\sim$ Rs 50 per share. Novelis will take a few years before becoming earnings accretive. We remain Neutral on the stock.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 42,737 | 46,342 | 46,562 | 47,489 | 46,779 | 47,958 | 48,712 | 51,221 | 183,130 | 194,670 |
| Change (YoY \%) | 93.6 | 74.2 | 62.0 | 29.8 | 9.5 | 3.5 | 4.6 | 7.9 | 60.7 | 6.3 |
| Total Expenditure | 33,403 | 36,478 | 36,109 | 36,340 | 37,936 | 40,133 | 41,973 | 44,163 | 142,330 | 164,204 |
| EBITDA | 9,334 | 9,864 | 10,453 | 11,149 | 8,843 | 7,825 | 6,740 | 7,058 | 40,800 | 30,466 |
| Change (YoY \%) | 54.4 | 102.2 | 79.3 | 19.9 | -5.3 | -20.7 | -35.5 | -36.7 | 56.6 | -25.3 |
| As \% of Net Sales | 21.8 | 21.3 | 22.4 | 23.5 | 18.9 | 16.3 | 13.8 | 13.8 | 22.3 | 15.6 |
| Interest | 634 | 515 | 698 | 577 | 562 | 577 | 602 | 627 | 2,424 | 2,368 |
| Depreciation | 1,341 | 1,353 | 1,384 | 1,576 | 1,428 | 1,475 | 1,475 | 1,475 | 5,654 | 5,853 |
| Other Income | 776 | 1,108 | 584 | 1,233 | 1,246 | 1,200 | 700 | 700 | 3,701 | 3,846 |
| PBT (before EO Item) | 8,135 | 9,104 | 8,955 | 10,229 | 8,099 | 6,973 | 5,363 | 5,656 | 36,423 | 26,091 |
| Extra-ordinary Income |  | -727 |  | -650 |  |  |  |  | -1,377 |  |
| PBT (after EO Item) | 8,135 | 8,377 | 8,955 | 9,579 | 8,099 | 6,973 | 5,363 | 5,656 | 35,046 | 26,091 |
| Total Tax | 2,120 | 2,401 | 2,516 | 2,366 | 2,070 | 1,959 | 1,507 | 1,589 | 9,403 | 7,126 |
| \% Tax | 26.1 | 28.7 | 28.1 | 24.7 | 25.6 | 28.1 | 28.1 | 28.1 | 26.8 | 27.3 |
| Reported PAT | 6,015 | 5,976 | 6,439 | 7,213 | 6,029 | 5,014 | 3,856 | 4,067 | 25,643 | 18,965 |
| Adjusted PAT | 6,015 | 6,495 | 6,439 | 7,702 | 6,029 | 5,014 | 3,856 | 4,067 | 26,651 | 18,965 |
| Change (YoY \%) | 61.1 | 107.4 | 89.5 | 22.9 | 0.2 | -22.8 | -40.1 | -47.2 | 61.2 | -28.8 |

E: MOSt Estimates

| STOCK INFO. BLocher | bloomberg |
| :---: | :---: |
| BSE Sensex: 17,291 HZ | HZ IN |
|  | reuters code |
| S\&P CNX: 5,021 Hz | HZNC.BO |
| Equity Shares (m) | 422.5 |
| 52-Week Range | 1,021/545 |
| 1,6,12 Rel. Perf. (\%) | \%) 1/12/-3 |
| M.Cap. (Rs b) | 343.3 |
| M.Cap. (US\$ b) | 8.6 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Buy } \\ & \text { Rs } 813 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 85,600 | 44,420 | 105.1 | 201.7 | 7.7 | 4.5 | 58.2 | 74.8 | 3.6 | 4.8 |
| 3/08E | 76,293 | 39,646 | 93.8 | -10.7 | 8.7 | 3.0 | 35.1 | 43.1 | 3.6 | 5.1 |
| 3/09E | 89,580 | 43,457 | 102.6 | 9.4 | 7.9 | 2.2 | 28.4 | 36.0 | 2.8 | 4.1 |

\& During 2QFY08, we expect net sales to decrease $21.5 \%$ YoY to Rs 19.16 b, due to lower zinc prices on the LME, appreciation of Indian currency and lower import duty. Average zinc prices on the LME have declined $4 \%$ YoY to US\$3,235/tonne.

25 EBITDA is expected to decline $26.8 \%$ Yo Y and marg in is likely to take a hit of 510bp to $70.9 \%$.
\& Profit after tax is likely to decrease 26.3\% YoY to Rs 9.6 b.
\& The stock is trading at EV/EBITDA of 5.1x FY08E and 4.1x FY09E. We are positive on the stock. Maintain Buy.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Net Sales | 16,100 | 24,410 | 24,800 | 20,210 | 19,700 | 19,160 | 17,987 | 19,447 | 85,600 | 76,293 |
| Change (YoY \%) | 205.5 | 269.8 | 171.9 | 13.9 | 22.4 | -21.5 | -27.5 | -3.8 | 120.8 | -10.9 |
| Total Expenditure | 3,660 | 5,850 | 5,730 | 6,210 | 5,340 | 5,577 | 5,559 | 6,149 | 21,530 | 22,625 |
| EBITDA | 12,440 | 18,560 | 19,070 | 14,000 | 14,360 | 13,583 | 12,428 | 13,298 | 64,070 | 53,669 |
| Change (YoY \%) | 465.5 | 535.6 | 270.3 | 11.2 | 15.4 | -26.8 | -34.8 | -5.0 | 178.3 | -16.2 |
| As \% of Net Sales | 77.3 | 76.0 | 76.9 | 69.3 | 72.9 | 70.9 | 69.1 | 68.4 | 74.8 | 70.3 |
| Interest | 270 | 100 | -110 | 20 | 70 | 75 | 80 | 85 | 280 | 310 |
| Depreciation | 370 | 370 | 370 | 450 | 450 | 450 | 450 | 450 | 1,560 | 1,800 |
| Other Income | 470 | 460 | 640 | 740 | 2,700 | 800 | 860 | 905 | 2,310 | 5,265 |
| PBT | 12,270 | 18,550 | 19,450 | 14,270 | 16,540 | 13,858 | 12,758 | 13,668 | 64,540 | 56,824 |
| Total Tax | 3,530 | 5,570 | 6,100 | 4,920 | 4,690 | 4,296 | 3,955 | 4,237 | 20,120 | 17,178 |
| \% Tax | 28.8 | 30.0 | 31.4 | 34.5 | 28.4 | 31.0 | 31.0 | 31.0 | 31.2 | 30.2 |
| Reported PAT | 8,740 | 12,980 | 13,350 | 9,350 | 11,850 | 9,562 | 8,803 | 9,431 | 44,420 | 39,646 |
| Adjusted PAT | 8,740 | 12,980 | 13,350 | 9,350 | 11,850 | 9,562 | 8,803 | 9,431 | 44,420 | 39,646 |
| Change (YOY \%) | 502.8 | 562.2 | 305.8 | 16.6 | 35.6 | -26.3 | -34.1 | 0.9 | 201.7 | -10.7 |

E: MOSt Estimates

# Jindal Steel \& Power 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 JSP IN |  |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | JNSP.BO |


| Equity Shares (m) <br> 52-Week Range | 30.8 $5,849 / 1,603$ | YEAR <br> END | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{aligned} & \mathrm{P} / \mathrm{E} \\ & (\mathrm{X} \end{aligned}$ | $\begin{gathered} \mathrm{P} / \mathrm{BV} \\ (\mathrm{X}) \end{gathered}$ | ROE <br> (\%) | ROCE <br> (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1,6,12 Rel. Perf. (\%) | 24/85/172 | 3/07A | 35,198 | 7,030 | 228.3 | 22.7 | 22.7 | 6.4 | 28.4 | 15.6 | 5.6 | 14.0 |
| M.Cap. (Rs b) | 159.6 | 3/08E | 51,731 | 9,408 | 305.5 | 33.8 | 17.0 | 4.7 | 27.9 | 21.1 | 3.7 | 9.7 |
| M.Cap. (US\$ b) | 4.0 | 3/09E | 57,161 | 12,432 | 357.3 | 17.0 | 14.5 | 4.0 | 27.3 | 26.4 | 3.4 | 8.5 |

* For 2QFY08, we expect net sales to increase $58 \%$ YoY to Rs 12.5 b, driven by volume growth in steel business.
\& EBITDA is likely to move up $56 \%$ YoY to Rs 4.8 b. Depreciation and interest expenses are likely to move up due to the impact of capex. Post-tax adjusted profit is likely to move up $45.6 \%$ to Rs.2.3b.
\& We expect Jindal Steel \& Power's standalone business to post EPS of Rs 357.3 in FY09, factoring in the flat realization and strong volume growth at a CA GR of $72 \%$ to 2 mtpa by FY09E. We expect Jindal Power Ltd. to contribute Rs 126 to the EPS of company in FY09. The stock is trading at consolidated P/E of 10.7x FY09E. Current steel prices provide upside risk to our estimates. Maintain Buy.

| QUARTERLY PERFORMANCE (Standalone) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 30 | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 6,662 | 7,896 | 10,101 | 10,539 | 12,231 | 12,476 | 13,242 | 13,782 | 35,198 | 51,731 |
| Change (YoY \%) | 5.8 | 27.1 | 61.6 | 56.5 | 83.6 | 58.0 | 31.1 | 30.8 | 35.9 | 47.0 |
| Total Expenditure | 3,413 | 4,812 | 6,327 | 6,622 | 7,440 | 7,663 | 8,339 | 8,679 | 21,174 | 32,120 |
| EBITDA | 3,249 | 3,085 | 3,773 | 3,917 | 4,792 | 4,813 | 4,903 | 5,103 | 14,024 | 19,611 |
| Change (YoY \%) | 21.7 | 18.5 | 64.5 | 45.8 | 47.5 | 56.0 | 29.9 | 30.3 | 39.3 | 39.8 |
| As \% of Net Sales | 48.8 | 39.1 | 37.4 | 37.2 | 39.2 | 38.6 | 37.0 | 37.0 | 39.8 | 37.9 |
| Interest | 558 | 330 | 363 | 250 | 621 | 568 | 591 | 616 | 1,501 | 2,395 |
| Depreciation | 621 | 642 | 919 | 1,183 | 1,115 | 1,109 | 1,101 | 1,101 | 3,365 | 4,425 |
| Other Income | 32 | 33 | 24 | 201 | 96 | 65 | 56 | 58 | 290 | 275 |
| PBT (before EO Item) | 2,103 | 2,145 | 2,516 | 2,685 | 3,152 | 3,202 | 3,267 | 3,445 | 9,448 | 13,066 |
| Extra-ordinary Income |  |  |  |  | 250 |  |  |  | - | 250 |
| PBT (after EO Item) | 2,103 | 2,145 | 2,516 | 2,685 | 3,402 | 3,202 | 3,267 | 3,445 | 9,448 | 13,316 |
| Total Tax | 572 | 573 | 617 | 657 | 901 | 913 | 932 | 983 | 2,419 | 3,728 |
| \% Tax | 27.2 | 26.7 | 24.5 | 24.5 | 26.5 | 28.5 | 28.5 | 28.5 | 25.6 | 28.0 |
| Reported PAT | 1,531 | 1,572 | 1,899 | 2,028 | 2,501 | 2,289 | 2,335 | 2,463 | 7,030 | 9,588 |
| Adjusted PAT | 1,531 | 1,572 | 1,899 | 2,028 | 2,317 | 2,289 | 2,335 | 2,463 | 7,030 | 9,408 |
| Change (YoY \%) | 1.9 | 8.0 | 50.1 | 34.6 | 51.4 | 45.6 | 23.0 | 21.4 | 22.7 | 33.8 |

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

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 JSTL IN |  |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | JSTL.BO |


| Equity Shares (m) | 172.0 |
| :--- | ---: |
| 52-Week Range | $874 / 279$ |
| 1,6,12 Rel. Perf. (\%) | $24 / 47 / 163$ |
| M.Cap. (Rs b) | 146.4 |
| M.Cap. (US\$ b) | 3.7 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 851 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 85,944 | 12,339 | 71.7 | 90.5 | 11.9 | 2.7 | 23.0 | 21.0 | 2.1 | 6.6 |
| 3/08E | 115,976 | 17,617 | 102.4 | 42.8 | 8.3 | 2.2 | 25.9 | 19.7 | 1.9 | 5.7 |
| 3/09E | 133,675 | 19,714 | 114.6 | 11.9 | 7.4 | 1.8 | 23.6 | 18.7 | 1.8 | 5.3 |

Consolidated

* For 2QFY08 we expect net sales to increase $20.8 \%$ YoY to Rs 26.5 b, driven by $22 \%$ higher volumes, partially offset by $1 \%$ decline in realizations.

E EBITDA is expected to grow $26.6 \%$ YoY and margins to improve 300 bp to $34.7 \%$ primarily due to cost savings. Profit after tax is likely to increase $27.5 \%$ YoY to Rs 4.6 b despite $38.7 \%$ rise in interest cost.
8. We are estimating EPS of Rs 102.4 and Rs 114.6 for FY08E and FY09E respectively. The stock is trading at EV/EBITDA of 5.7x FY08E and 5.3x FY09E. Maintain Buy.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 20 | 3 Q | 4Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Sales ('000 tons) | 543 | 656 | 688 | 784 | 635 | 800 | 850 | 900 | 2,671 | 3,185 |
| Change (YoY \%) | 21.5 | 15.7 | 33.1 | 33.0 | 16.9 | 22.0 | 23.5 | 14.8 | 26.1 | 19.2 |
| Realization (Rs per ton) | 28,902 | 33,454 | 33,452 | 31,869 | 34,500 | 33,144 | 32,488 | 32,437 | 32,063 | 33,039 |
| Change (YOY \%) | -16.1 | 23.1 | 13.9 | 18.6 | 19.4 | -0.9 | -2.9 | 1.8 | 9.9 | 3.0 |
| Net Sales | 15,694 | 21,946 | 23,015 | 24,985 | 21,907 | 26,515 | 27,615 | 29,193 | 85,640 | 105,230 |
| Change (YoY \%) | 2.0 | 42.5 | 51.6 | 57.8 | 39.6 | 20.8 | 20.0 | 16.8 | 38.6 | 22.9 |
| Total Expenditure | 11,136 | 14,983 | 15,318 | 16,954 | 14,428 | 17,302 | 18,015 | 18,860 | 58,390 | 68,605 |
| EBITDA | 4,558 | 6,963 | 7,697 | 8,032 | 7,479 | 9,213 | 9,600 | 10,333 | 27,250 | 36,626 |
| Change (YoY \%) | -6.9 | 86.2 | 83.4 | 100.2 | 64.1 | 26.6 | 18.2 | 23.1 | -40.2 | 34.4 |
| As \% of Net Sales | 29.0 | 31.7 | 33.4 | 32.1 | 34.1 | 34.7 | 34.8 | 35.4 | 31.8 | 34.8 |
| EBITDA (Rs per ton) | 8,394 | 10,614 | 11,188 | 10,245 | 11,778 | 11,516 | 11,295 | 11,482 | 10,202 | 11,499 |
| Interest | 887 | 967 | 1,107 | 1,016 | 860 | 1,342 | 1,342 | 1,342 | 3,978 | 4,887 |
| Depreciation | 1,025 | 1,164 | 1,295 | 1,498 | 1,322 | 1,419 | 1,419 | 1,419 | 4,982 | 5,580 |
| Other Income | 16 | 84 | 64 | 245 | 215 | 185 | 185 | 185 | 409 | 768 |
| PBT (before EO Item) | 2,662 | 4,915 | 5,360 | 5,762 | 5,512 | 6,635 | 7,023 | 7,756 | 18,699 | 26,927 |
| EO Items | 0 | 0 | 0 | 447 | 620 | 0 | 0 | 0 | 447 | 620 |
| PBT (after EO Item) | 2,662 | 4,915 | 5,360 | 6,209 | 6,132 | 6,635 | 7,023 | 7,756 | 19,146 | 27,547 |
| Total Tax | 959 | 1,452 | 1,738 | 2,077 | 1,854 | 2,220 | 2,418 | 2,662 | 6,226 | 9,155 |
| \% Tax | 36.0 | 29.5 | 32.4 | 33.4 | 30.2 | 33.5 | 34.4 | 34.3 | 32.5 | 33.2 |
| Reported PAT | 1,703 | 3,463 | 3,622 | 4,133 | 4,278 | 4,415 | 4,605 | 5,094 | 12,920 | 18,392 |
| Preference Dividend |  |  |  |  |  |  |  |  | 279 | 279 |
| Adjusted PAT | 1,703 | 3,463 | 3,622 | 3,835 | 3,845 | 4,415 | 4,605 | 5,094 | 12,339 | 17,699 |
| Change (YoY \%) | -15.0 | 225.8 | 151.4 | 148.0 | 125.8 | 27.5 | 27.2 | 32.8 | -63.2 | 43.4 |

E: MOSt Estimates
Sanjay Jain (SanjayJain@MotilalOswal.com);Tel:+9122 39825412/Ashutosh Somani (ashutosh.somani@motilaloswal.com);Tel:+9122 39825425

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 17,291 | NACL IN |
| REUTERS CODE |  |
| S\&P CNX: 5,021 | NALU.BO |
| Equity Shares (m) | 644.3 |
| 52-Week Range | $318 / 193$ |
| 1,6,12 Rel. Perf. (\%) | $-1 /-4 / 0$ |
| M.Cap. (Rs b) | 194.4 |
| M.Cap. (US\$ b) | 4.9 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 302 |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | EPS <br> (RS) | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{aligned} & \text { P/E } \\ & (X) \end{aligned}$ | $\begin{gathered} P / B V \\ (X) \end{gathered}$ | ROE <br> (\%) | ROCE <br> (\%) | EV/ SALES | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 59,425 | 23,807 | 37.0 | 54.3 | 8.2 | 2.5 | 30.8 | 38.5 | 2.7 | 4.5 |
| 3/08E | 46,499 | 15,660 | 24.3 | -34.2 | 12.4 | 2.2 | 17.9 | 20.3 | 3.6 | 7.7 |
| 3/09E | 49,146 | 17,543 | 27.2 | 12.0 | 11.1 | 2.0 | 17.6 | 20.6 | 3.3 | 6.6 |

\& During 2QFY08, we expect net sales to decline $14 \%$ YoY to Rs 12.4 b . The revenue of the chemicals segment is expected to decline $40 \%$ YoY due to $36.4 \%$ lower alumina prices. The revenue of aluminium segment is expected to decline by $10.5 \%$ due to lower aluminum prices on the LME.
\& EBITDA is expected to decline $30.6 \%$ Yo Y to Rs6.1b, primarily on account of weak LME metal prices. Profit after tax is likely to decline $28.9 \%$ YoY to Rs 4.2 b .
\& We are revising our FY09 EPS estimates downward to Rs 27.2 (earlier, Rs31.8) to factor lower aluminium prices on the LME of US\$2400/tonne (earlier, US\$2750/tonne).

* The stock is trading at a P/E of 11.1x FY09E. Capacity expansions to the tune of Rs 41 b will be factored in FY10. We are Neutral on the stock due to absence of volume growth to FY09 and weak earnings from the alumina segment.

| Quarterly performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 O | 3 Q | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Net Sales | 14,855 | 14,416 | 14,486 | 15,668 | 11,652 | 12,402 | 11,223 | 11,223 | 59,425 | 46,499 |
| Change (YoY \%) | 51.8 | 37.7 | 9.3 | 1.9 | -21.6 | -14.0 | -22.5 | -28.4 | 21.6 | -21.8 |
| Total Expenditure | 5,512 | 5,665 | 6,037 | 6,870 | 5,488 | 6,332 | 6,335 | 6,331 | 24,083 | 24,486 |
| EBITDA | 9,344 | 8,751 | 8,449 | 8,798 | 6,164 | 6,069 | 4,888 | 4,892 | 35,341 | 22,013 |
| Change (YoY \%) | 90.9 | 90.7 | 27.2 | -9.3 | -34.0 | -30.6 | -42.1 | -44.4 | 36.8 | -37.7 |
| As \% of Net Sales | 62.9 | 60.7 | 58.3 | 56.2 | 52.9 | 48.9 | 43.6 | 43.6 | 59.5 | 47.3 |
| Depreciation | 787 | 771 | 744 | 819 | 692 | 771 | 744 | 798 | 3,121 | 3,005 |
| Other Income | 834 | 1,014 | 978 | 1,199 | 1,310 | 1,100 | 1,125 | 1,175 | 4,025 | 4,710 |
| PBT (before EO Item) | 9,391 | 8,994 | 8,684 | 9,178 | 6,782 | 6,398 | 5,269 | 5,269 | 36,246 | 23,719 |
| Tax | 3,168 | 3,044 | 2,958 | 3,270 | 2,315 | 2,170 | 1,787 | 1,787 | 12,440 | 8,059 |
| \% Tax | 33.7 | 33.8 | 34.1 | 35.6 | 34.1 | 33.9 | 33.9 | 33.9 | 34.3 | 34.0 |
| Reported PAT | 6,223 | 5,950 | 5,726 | 5,908 | 4,467 | 4,228 | 3,482 | 3,482 | 23,807 | 15,660 |
| Change (YoY \%) | 121.8 | 110.2 | 45.7 | -2.8 | -28.2 | -28.9 | -39.2 | -41.1 | 51.1 | -34.2 |

E: MOSt Estimates

## Sterlite Industries

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | STLT IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | STRL.BO |


| Equity Shares (m) | 708.7 |
| :--- | ---: |
| 52-Week Range | $784 / 415$ |
| 1,6,12 Rel. Perf. (\%) | $9 / 26 / 33$ |
| M.Cap. (Rs b) | 530.4 |
| M.Cap. (US\$ b) | 13.3 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 748 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | EPS | EPS | PIE | P/BV | Roe | Roce | Ev/ | Ev/ |
| end | (RS M) | (RS M) | (RS) | Growth (\%) | (x) | (x) | (\%) | (\%) | Sales | Ebitda |
| 3/07A | 243,868 | 45,005 | 80.6 | 34.1 | 9.3 | 4.3 | 45.8 | 47.6 | 1.7 | 4.4 |
| 3/08E | 233,572 | 42,125 | 59.4 | -26.2 | 12.6 | 2.4 | 19.3 | 23.1 | 1.7 | 4.9 |
| 3/09E | 272,191 | 44,945 | 63.4 | 6.7 | 11.8 | 2.1 | 17.4 | 21.5 | 1.2 | 4.0 |

Consolidated
8. For 2QFY08, we expect net sales to decrease $14.1 \%$ YoY to Rs 58 b, due to fall in zinc and aluminum prices on the LME, appreciation of Indian currency, reduction in import duty and falling Tc/Rc margins in the copper business.
\& EBITDA is expected to decline $24 \%$ YoY, and margin is likely to take a hit of 440 bp to $33.9 \%$.
2. Profit after tax is likely to decrease $9.6 \%$ YoY to Rs 10.5 b.

2 The stock is trading at EV/EBITDA of 4.9x FY08E and 4x FY09E. We are positive on the stock. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3 Q | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 46,030 | 67,180 | 68,143 | 62,516 | 61,391 | 57,689 | 56,516 | 57,976 | 243,868 | 233,572 |
| Change (YoY \%) | 146.3 | 153.8 | 94.1 | 22.6 | 33.4 | -14.1 | -17.1 | -7.3 | 86.1 | -4.2 |
| Total Expenditure | 27,531 | 41,434 | 40,515 | 39,799 | 39,830 | 38,130 | 38,052 | 38,597 | 149,280 | 154,609 |
| EBITDA | 18,499 | 25,746 | 27,628 | 22,716 | 21,561 | 19,559 | 18,464 | 19,379 | 94,589 | 78,963 |
| Change (YoY \%) | 379.1 | 392.4 | 215.7 | 19.3 | 16.6 | -24.0 | -33.2 | -14.7 | 156.5 | -16.5 |
| As \% of Net Sales | 40.2 | 38.3 | 40.5 | 36.3 | 35.1 | 33.9 | 32.7 | 33.4 | 38.8 | 33.8 |
| Interest | 898 | 1,163 | 856 | 874 | 955 | 553 | 553 | 553 | 3,791 | 2,613 |
| Depreciation | 1,834 | 1,871 | 1,888 | 2,446 | 2,031 | 2,000 | 2,000 | 2,000 | 8,039 | 8,030 |
| Other Income | 1,355 | 1,112 | 1,864 | 2,485 | 3,501 | 3,440 | 3,440 | 3,440 | 6,817 | 13,820 |
| PBT (before EO Item) | 17,122 | 23,825 | 26,749 | 21,881 | 22,076 | 20,446 | 19,351 | 20,267 | 89,576 | 82,140 |
| Extra-ordinary Exp. | -122 | -1,362 | -25 | -63 | 0 | 0 | 0 | 0 | -1,572 | 0 |
| PBT (after EO Item) | 17,000 | 22,463 | 26,724 | 21,818 | 22,076 | 20,446 | 19,351 | 20,267 | 88,004 | 82,140 |
| Total Tax | 4,790 | 6,862 | 7,763 | 4,702 | 5,247 | 5,936 | 5,618 | 5,884 | 24,118 | 22,684 |
| \% Tax | 28.2 | 30.6 | 29.0 | 21.5 | 23.8 | 29.0 | 29.0 | 29.0 | 27.4 | 27.6 |
| Reported PAT | 12,209 | 15,600 | 18,960 | 17,117 | 16,829 | 14,511 | 13,733 | 14,383 | 63,887 | 59,456 |
| Minority Interest | 3,419 | 4,890 | 6,030 | 5,683 | 5,400 | 3,977 | 3,977 | 3,977 | 20,023 | 17,330 |
| Adjusted PAT | 8,878 | 11,656 | 12,948 | 11,483 | 11,429 | 10,534 | 9,756 | 10,406 | 45,005 | 42,125 |
| Change (YoY \%) | 435.7 | 348.2 | 226.3 | 41.0 | 28.7 | -9.6 | -24.6 | -9.4 | 247.6 | 266.9 |

E: MOSt Estimates

## Steel Authority of India

\left.| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 17,291 | SAIL IN |
|  | REUTERS CODE |$\right]$| S\&P CNX: 5,021 | SAIL.BO |
| :--- | ---: |
| Equity Shares (m) | $4,130.4$ |
| 52-Week Range | $209 / 74$ |
| 1,6,12 Rel. Perf. (\%) | $19 / 54 / 135$ |
| M.Cap. (Rs b) | 855.2 |
| M.Cap. (US\$ b) | 21.5 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs207 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | EPS | EPS | PIE | P/BV | Roe | Roce | Ev/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | Growth (\%) | (X) | (x) | (\%) | (\%) | Sales | ebitda |
| 3/07A | 342,025 | 60,481 | 14.6 | 50.4 | 14.1 | 5.0 | 35.2 | 43.7 | 2.3 | 7.9 |
| 3/08E | 406,677 | 84,362 | 20.4 | 39.5 | 10.1 | 3.5 | 34.9 | 47.4 | 1.8 | 5.6 |
| 3/09E | 418,603 | 89,898 | 21.8 | 6.6 | 9.5 | 2.7 | 28.8 | 39.5 | 1.7 | 5.4 |

25 During 2QFY08, we expect net sales to increase $13.5 \%$ YoY to Rs 96.9 driven by $4.5 \%$ growth in average realization and $8.6 \%$ growth in sales volume.
\& EBITDA margin for the quarter is likely to expand 380 bp YoY to $31.1 \%$, driven mainly by higher realizations and lower coking coal costs.
\& Post-tax adjusted profit is likely to increase $34.9 \%$ YoY to Rs 19.46b.

* FY08 earnings will be driven by $12 \%$ Yo Y volume growth after leveraging fixed costs and lower coking coal prices (from US $\$ 112 /$ tonne in FY07 to US\$98/tonne in FY08). We expect EPS to increase $40 \%$ to Rs 20.4 in FY08E.The stock is trading at EV/EBITDA of 5.6x FY08E and 5.4x FY09E. Maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 20 | 3 Q | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Sales (m tons) | 2.47 | 2.95 | 3.01 | 3.45 | 2.53 | 3.20 | 3.75 | 3.83 | 11.88 | 13.31 |
| Change (YOY \%) | 31.0 | 5.1 | 8.6 | -10.3 | 2.4 | 8.6 | 24.4 | 10.9 | 5.1 | 12.0 |
| Realization (Rs per Ton) | 27,766 | 28,976 | 28,325 | 29,763 | 31,777 | 30,277 | 30,277 | 30,277 | 28,788 | 30,562 |
| Change (YOY \%) | -7.2 | 12.5 | 24.1 | 24.2 | 14.4 | 4.5 | 6.9 | 1.7 | 13.0 | 6.2 |
| Net Sales | 68,583 | 85,391 | 85,371 | 102,681 | 80,395 | 96,885 | 113,537 | 115,860 | 342,025 | 406,677 |
| Change (\%) | 21.6 | 18.3 | 34.8 | 11.4 | 17.2 | 13.5 | 33.0 | 12.8 | 18.8 | 18.9 |
| EBITDA | 17,803 | 23,333 | 26,226 | 31,566 | 23,829 | 30,152 | 38,744 | 38,181 | 98,928 | 130,906 |
| Change (YoY \%) | -10.8 | 18.9 | 91.1 | 108.2 | 33.8 | 29.2 | 47.7 | 21.0 | 44.5 | 32.3 |
| As \% of Net Sales | 26.0 | 27.3 | 30.7 | 30.7 | 29.6 | 31.1 | 34.1 | 33.0 | 28.9 | 32.2 |
| EBITDA (per ton) | 7,208 | 7,918 | 8,701 | 9,149 | 9,418 | 9,422 | 10,332 | 9,978 | 8,327 | 9,838 |
| Interest | 937 | 924 | 906 | 555 | 796 | 550 | 650 | 800 | 3,321 | 2,796 |
| Depreciation | 2,959 | 3,035 | 3,299 | 2,822 | 3,012 | 3,156 | 3,419 | 3,682 | 12,115 | 13,269 |
| Other Income | 1,513 | 2,261 | 2,231 | 2,388 | 3,069 | 2,995 | 3,245 | 3,494 | 8,392 | 12,804 |
| PBT (before EO Inc.) | 15,421 | 21,635 | 24,252 | 30,577 | 23,090 | 29,441 | 37,920 | 37,194 | 91,884 | 127,644 |
| 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 | 29,441 | 37,920 | 37,194 | 94,226 | 127,644 |
| Total Tax | 7,138 | 7,207 | 7,630 | 10,228 | 7,839 | 9,980 | 12,855 | 12,609 | 32,203 | 43,283 |
| \% Tax | 34.0 | 33.3 | 34.2 | 35.0 | 33.9 | 33.9 | 33.9 | 33.9 | 34.2 | 33.9 |
| Reported PAT | 13,864 | 14,428 | 14,712 | 19,019 | 15,251 | 19,460 | 25,065 | 24,585 | 62,023 | 84,362 |
| Adjusted PAT | 10,179 | 14,428 | 15,969 | 19,884 | 15,251 | 19,460 | 25,065 | 24,585 | 60,481 | 84,362 |
| Change (YoY \%) | -9.6 | 28.0 | 133.3 | 80.2 | 49.8 | 34.9 | 57.0 | 23.6 | 50.7 | 39.5 |

E: MOSt Estimates; Quarterly results don' tadd up with full year results due to restating of past quarter results.

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 TATA IN |  |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | TISC.BO |


| Equity Shares (m) | 851.7 |
| :--- | ---: |
| 52-Week Range | $868 / 399$ |
| 1,6,12 Rel. Perf. (\%) | $25 / 59 / 24$ |
| M.Cap. (Rs b) | 646.1 |
| M.Cap. (US\$ b) | 16.2 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{array}{r} \text { Buy } \\ \text { Rs } 850 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { Year } \\ & \text { END } \end{aligned}$ | net sales <br> (RS M) | $\begin{gathered} \mathrm{S} \\ (\text { RS M) } \end{gathered}$ | EPS | EPS <br> OWTH (\%) | $\begin{aligned} & \mathrm{P} / \mathrm{E} \\ & \text { (x) } \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{x}) \end{gathered}$ | ROE (\%) | roce (\%) | $\begin{aligned} & \text { EVII } \\ & \text { SALES } \end{aligned}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 252,133 | 42,786 | 70.2 | 3.1 | 10.8 | 3.0 | 27.6 | 31.6 | 1.7 | 5.9 |
| 3/08E | 1,276,020 | 97,633 | 114.6 | 63.2 | 6.6 | 1.6 | 24.7 | 17.1 | 0.8 | 4.9 |
| 3/09E | 1,311,766 1 | 110,714 | 130.0 | 13.4 | 5.8 | 1.3 | 22.7 | 16.3 | 0.7 | 4.3 |

Consolidated
\& For 2QFY08, we expect standalone net sales to increase $15.8 \%$ YoY to Rs 48.48 b, driven by $10.6 \%$ change in realization and $5.6 \%$ higher volumes. Standalone PAT is expected to remain flat as EBITDA gains will be offset by higher interest costs.
\& Consolidated earnings of Tata Steel would significantly increase $125.4 \%$ YoY to Rs 26.37 b backed by strong performance of Corus. Corus' EBITDA is expected to increase to GBP386m i.e. a marg in of $12.3 \%$.
\& We expect consolidated earnings per share to grow at a CAGR of $36.1 \%$ during FY07-FY09, driven by overall volume growth and margin expansion of Corus. Tata Steel will have savings of interest costs after completion of rights issue of $\sim \mathrm{US} \$ 2.5 \mathrm{~b}$ and a tax shield on placement of US $\$ 6.1 \mathrm{~b}$ debt on Corus in subsequent quarters, which will offset iron ore cost pressure. The stock is trading at EV/EBITDA of $4.9 x$ FY08E and at $4.3 x$ FY09E, which is at substantial discount to that of Indian peers. We reiterate Buy.

| QUARTERLY PERFORMANCE (Standalone) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2Q | 30 | 4Q | 10 | 2QE | 3QE | 4QE |  |  |
| Standalone Financials |  |  |  |  |  |  |  |  |  |  |
| Sales (000 tons) | 1,115 | 1,184 | 1,234 | 1,261 | 1,041 | 1,250 | 1,300 | 1,300 | 4,794 | 4,891 |
| Realization (Rs per ton) | 31,133 | 31,656 | 32,236 | 35,135 | 36,665 | 35,000 | 35,000 | 35,000 | 32,599 | 35,354 |
| Net Sales | 39,159 | 41,858 | 44,700 | 49,804 | 41,976 | 48,480 | 50,230 | 50,230 | 175,520 | 190,917 |
| Change YoY (\%) | 13.0 | 8.3 | 21.4 | 20.6 | 7.2 | 15.8 | 12.4 | 0.9 | 15.9 | 8.8 |
| EBITDA | 15,813 | 17,048 | 17,836 | 19,035 | 16,992 | 19,168 | 19,745 | 19,745 | 69,733 | 75,650 |
| \% of Net Sales | 40.4 | 40.7 | 39.9 | 38.2 | 40.5 | 39.5 | 39.3 | 39.3 | 39.7 | 39.6 |
| EBITDA(Rs/tss) | 12,871 | 13,236 | 13,398 | 13,977 | 15,204 | 14,403 | 14,294 | 14,295 | 13,387 | 14,338 |
| Interest | 293 | 478 | 520 | 448 | 800 | 1,223 | 1,494 | 1,524 | 1,739 | 5,040 |
| Depreciation | 1,951 | 1,957 | 1,991 | 2,294 | 2,112 | 2,211 | 2,245 | 2,240 | 8,193 | 8,808 |
| Other Income | 779 | 1,772 | 987 | 798 | 1,461 | 1,500 | 987 | 798 | 4,337 | 4,746 |
| PBT (after EO Inc.) | 14,164 | 15,943 | 15,820 | 16,690 | 19,025 | 16,876 | 16,636 | 16,421 | 62,617 | 68,958 |
| Total Tax | 4,630 | 4,928 | 5,183 | 5,655 | 6,804 | 5,783 | 5,701 | 5,628 | 20,395 | 23,916 |
| \% Tax | 32.7 | 30.9 | 32.8 | 33.9 | 35.8 | 34.3 | 34.3 | 34.3 | 32.6 | 34.7 |
| Reported PAT | 9,534 | 11,015 | 10,638 | 11,035 | 12,221 | 11,093 | 10,935 | 10,793 | 42,222 | 45,042 |
| Adjusted PAT | 9,658 | 11,321 | 10,969 | 11,300 | 9,983 | 11,328 | 11,170 | 11,028 | 43,247 | 43,468 |
| Change (YoY \%) | 2.3 | 6.3 | 41.9 | 48.6 | 3.4 | 0.1 | 1.8 | -2.4 | 22.1 | 0.5 |
| Consolidated Financials |  |  |  |  |  |  |  |  |  |  |
| Net Sales | 57,641 | 60,083 | 59,712 | 74,697 | 311,542 | 320,326 | 322,076 | 322,076 | 252,133 | 1,276,020 |
| EBITDA | 17,414 | 18,504 | 18,905 | 19,679 | 49,043 | 51,619 | 50,197 | 50,197 | 74,502 | 201,057 |
| Adjusted PAT | 10,318 | 11,696 | 10,872 | 9,894 | 20,308 | 26,368 | 25,709 | 25,567 | 42,782 | 97,633 |

E: MOSt Estimates; tss=ton of steel sales; Exchange rate assumed GBP=1.98 USD, USD=41.0 INR
Sanjay Jain(SanjayJain@MotilalOswal.com);Tel:+9122 39825412/Ashutosh Somani (ashutosh.somani@motilaloswal.com);Tel:+9122 39825425

## Oil \& Gas

| COMPANY NAME | PG. |
| :--- | :---: |
| BPCL | 194 |
| Cairn India | 195 |
| Chennai Petroleum | 196 |
| GAIL | 197 |
| HPCL | 198 |
| IOC | 199 |
| Indraprastha Gas | 200 |
| ONGC | 201 |
| Reliance | 202 |

## Refining margins up YoY, down QoQ; Petchem margins down YoY, up QoQ YoY comparative (v/s 2QFY07)

* Benchmark Singapore refining complex marg ins up 35\% at about US\$6.4/bbl in 2QFY08 (v/s US\$4.75/bbl in 2QFY07)
* Brent average up by 7\% at US\$74.9/bbl v/s US\$70.1/bbl; Dubai crude up 6\% at US\$69.7/bbl v/s US\$65.9/bbl.
Lower petrochemical margins (spread over naphtha) Polymer margins down: PE down 3.7\%; PP down 4.3\%; Signific ant decline in polyester intermediates: PTA down $30.9 \%$; and MEGdown $10.1 \%$; Integrated polyester marg ins also down: POY down 14.4\%, PSF down $18.5 \%$


## QoQ comparative (v/s 1QFY08)

* Benchmark Singapore refining margins down 33\% from US\$9.5/bbl in 1QFY08.
* Brent average up $9 \%$ from US $\$ 68.7 / \mathrm{bbl}$; Dubai average up $8 \%$ from US\$64.7/bbl.
\& Petrochemical margins (spread over naphtha) improve;
Polymers up: PE up 7.8\%; PP up 6.6\%; Polyester intermediates: PTA slightly down $0.2 \%$ while MEG significantly up $14.4 \%$; Integrated polyester: POY up $11.2 \%$ and PSF marginally down $0.4 \%$.


## Factors to watch

2. Fuel under-recovery - The fuel under-recovery amounts could burgeon if oil prices continue to remain high though rupee appreciation is having a tempering effect. With no fuel price hikes likely, the key data to watch out for is Oil Bond issue by the government and also the subsidy sharing mechanism.

* Refining margin trend - Refining margins continue to remain high on Yo Y basis, but have seen significant decline over 1QFY08. With oil prices continuing to remain high, and many countries (like China recently) not allowing hike in retail prices, the refining margins could be under pressure.
Sale of oil bond holding - We have not factored in any sale of current Oil Bond holding. Any sale at a discount would impact profits of marketing companies.

| EXPECTED QUARTERLY PERFORMANCE SUMMARY (RS MILLION) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) |
| Oil \& Gas |  |  |  |  |  |  |  |
| BPCL | Buy | 293,397 | 1.8 | 19,940 | 16.4 | 11,825 | -6.0 |
| Cairn India | Buy | 2,925 | - | 2,131 | - | 572 | - |
| Chennai Petroleum | Neutral | 77,733 | 16.8 | 3,779 | 58.8 | 1,850 | 90.3 |
| GAIL | Neutral | 43,247 | 16.7 | 10,457 | 77.5 | 6,569 | 46.5 |
| HPCL | Buy | 260,895 | -0.6 | 17,583 | 6.8 | 10,472 | -14.3 |
| Indraprastha Gas | Not Rated | 1,706 | 10.7 | 730 | 13.1 | 394 | 13.3 |
| IOC | Buy | 627,751 | 8.7 | 54,843 | 35.9 | 33,129 | 8.6 |
| ONGC | Buy | 144,756 | 2.9 | 84,894 | 15.6 | 47,893 | 6.9 |
| Reliance Inds. | Buy | 309,998 | -1.7 | 57,574 | 10.7 | 35,569 | 16.2 |
| Sector Aggregate |  | 1,759,483 | 4.1 | 249,802 | 19.9 | 147,703 | 8.2 |

## Oil Prices: Scaling newer highs

## 2QFY08 highlights

* Brent up 7\% YoY at US\$74.9/bbl (v/s US\$70.1/bbl in 2QFY07)
* Brent up 9\% QoQ (v/s US\$68.7/bbl in 1QFY08)

Oil prices continued to remain high and moved further up in 2QFY08 except some correction seen in August. The prices did not stop their upward movement despite OPEC's announcement of production increase by 500 kbd at the Vienna meet. The production hike is effective from 1 November 2007 and will happen just after nearly 600 kbd of UAE production capacity goes on a month's scheduled shutdown in October-end. Thus, the impact of increased production would be seen only December onwards.

The oil prices further rocketed to all time highs in the third week of September, as nearly 360 kbd or over $1 / 4^{\text {th }}$ of Gulf of Mexico capacity was shut down in anticipation of Hurricane Humberto. Weakening of US dollar - the key currency in which oil is traded - has further supported high oil price as producing countries try to maintain their cash flows. Falling oil inventories globally, especially in the US, has further put pressure on oil prices. The recent interest rate cut by the US Federal Reserve raised hopes of increased oil demand, which further caused the oil spike.

Though the prices have corrected in the past few days, as shut down Gulf of Mexico capacity returns to production, we do not expect a very significant decline in oil price in rest of the year. The structural weakness in terms of low spare capacity, most of which is controlled by OPEC nations, continues. OPEC countries seem to be testing the everhigher levels of prices till demand slowdown does not precipitate. In addition, the geopolitical uncertainties especially on Iran's nuclear issue, Iraq and elsewhere continue.

Oil product demand continues to remain robust despite high oil prices. Though in its recent Oil Market Report, IEA has slightly revised demand downward in 2007, the oil demand for 2007 at $85.9 \mathrm{mmb} / \mathrm{d}$ is $1.7 \%$ higher than 2006. For 2008, IEA expects demand of $88 \mathrm{mmb} / \mathrm{d}$ - a growth of $2.4 \%$.




## Declining light-heavy differentials

Light \& heavy oil differentials, though declined YoY and QoQ, continue to remain high. Arab light \& heavy differentials for 2QFY07 are estimated at US\$4.8/bbl, showing a decline of $4 \%$ over 1QFY08 (US\$5 /bbl), and a decline of $22 \%$ over 2QFY07 (US $\$ 6.22 /$ bbl).


Source: Bloomberg/Motilal Oswal Securities

## WTI-Maya (Sweet -Sour) spread has firmed up in recent months

As shown in the chart below, the WTI-Maya spread, which had declined significantly in 1QFY08 (largely due to large discounts in WTI) has moved up in 2QFY08. Average differential for 2QFY08 at US $\$ 12.4 / \mathrm{bbl}$ is up $26 \%$ over 1QFY08 average of US $\$ 9.8 / \mathrm{bbl}$. However, YoY the differential is down by $18 \%$ compared to US $\$ 15 / b b l$.


## Refining margins: Significantly declined over 1Q, yet remain high YoY 2QFY08 highlights

es Singapore refining complex margins up $35 \%$ at US\$6.4/bbl (v/s US\$4.75/bbl in 2QFY07) \& Down $33 \%$ QoQ (v/s US\$9.5/bbl in 1QFY08)

The Singapore benchmark margins have declined significantly (33\%) from the record high levels of US $\$ 9.5 / \mathrm{bbl}$ seen in 1QFY08. Some decline is attributable to seasonal weakness as driving season comes to end. The other key reason in our view was lower than expected hurricane activitity on Gulf Coast, as all major refiners were fully geared up for hurricanes. Lower hurricane activity meant that downstream constraints that were being seen for quite some time eased.
The sudden spike in oil prices in recent weeks has also resulted in decline in refining margins, as pump prices have not moved up in tandem with oil prices. The recent decision of China not to hike the product prices in the current year would mean that margin could continue to be under pressure. However, despite the QoQ decline, the refining margins are nearly $35 \%$ higher than US $\$ 4.75 / \mathrm{bbl}$ in 2QFY07.

Just like on oil supply side, structural problems continue to remain on refining side. With not enough capacity seen coming up to meet the increasing demand, refining systems are seeing high utilization of existing legacy assets leading to higher outages. Thus, we believe though average margins would remain high in the medium to short-term and there will continue to be large volatility in margins.


Source: Industry/Motilal Oswal Securities

## Fuel under-recoveries: The difficult puzzle to solve

With crude oil price continuing to be high and forecasts of further rise in coming winter, we expect oil product under-recoveries to increase by $13 \%$ to Rs 557 b in FY08. The increase would have been much larger but for large appreciation in rupee in recent months.

| UNDER-RECOVERIES (RS M) |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | :---: |
|  | FY07 | 1 QFY08 | 2QFY08E | FY08E |  |
| Petrol | 20,270 | 15,530 | 12,589 | 57,673 |  |
| Diesel | 187,758 | 46,330 | 62,323 | 224,932 |  |
| LPG | 107,011 | 26,980 | 27,723 | 121,760 |  |
| SKO | 178,827 | 40,280 | 40,935 | 153,089 |  |
| Total | 493,866 | 129,120 | 143,571 | 557,453 |  |
|  |  | Source: Industry/Motilal Oswal Securities |  |  |  |

## Retail price hike appears unlikely

Despite the increasing losses to oil market companies, no hike in retail prices seems to be forthcoming. Our estimates of current under-recoveries on retail petro products per unit are shown in the table below. However, due to the political compulsions of the coalition government, and the threat of early elections, the chances of any significant price hike in retail prices is remote, in our view.

| UNDER-RECOVERIES BY FUEL (PER UNIT) |  |  |  |
| :--- | ---: | ---: | ---: |
|  | 1QFY08 | 2QFY 08 | FY08 |
| Petrol (Rs/ltr) | 4.7 | 3.8 | 4.3 |
| Diesel (Rs/ltr) | 3.4 | 4.9 | 4.1 |
| LPG (Rs/Cyl) | 175.6 | 172.8 | 181.3 |
| SKO (Rs/ltr) | 14.3 | 14.3 | 13.5 |

## Under-recovery sharing through oil bonds could be higher than $1 / 3^{\text {rd }}$ again

The big mystery remains on sharing mechanism of the large under-recoveries among PSU oil marketing companies, PSU upstream companies and government in the form of oil bonds. Though ostensibly there is a $1 / 3^{\text {rd }}$ formula for sharing the burden, this has not been adhered to in the recent past. For FY07, the final sharing ratio was oil bonds $49 \%$, upstream $41.5 \%$ and balance $9.5 \%$ by OMCs.

How the exact subsidy sharing will pan out this year remains a puzzle. However, what is becoming clear is that the upstream sharing will be significantly lower as upstream players have made several petitions to government on large and inequitable burden forced over them in FY07. Also, with impending IPO of Oil India Ltd, we believe the government will find it difficult to put a burden higher than $1 / 3^{\text {rd }}$ on them.

Recent media reports indicate the government is considering oil bonds issuance of Rs 240 b for FY08, out of which Rs 120 b will be issued before October 15 . This oil bonds calculation seems to have been made on projected under-recovery of Rs549b (marginally lower than our estimate of Rs 557 b ). If this was to be the case, then oil bond sharing for this year would be $44 \%$, which means that $1 / 3{ }^{\text {rd }}$ formula will again not be applied. However, larger than $1 / 3^{\text {rd }}$ issues of oil bonds is positive for the sector, especially for PSU OMCs, whose net burden would correspondingly reduce.

## Sharing of under-recovery burden: Our estimates

For sharing of under-recovery burden, we assume that oil bonds issuance would be of Rs 240 b , out of which bonds for Rs 120 b will be is sued to OMCs in 2QFY08 for the first
half. We also assume that upstream sharing will be limited to $1 / 3^{\text {rd }}$ of total under-recoveries (this formula was applied in 1QFY08).

We estimate net under-recovery burden of OMCs at Rs 131.6b, which is nearly $177 \%$ higher than last year's burden of Rs 47.6 b.

SHARING OF UNDER-RECOVERY BURDEN (RS M)

|  | FY07 | SHARING (\%) | 1QFY08 | 2QFY08E | 1HFY08E | FY08E | SHARING (\%) |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | :---: |
| Oil Bonds | 241,207 | 48.8 | 0 | 120,000 | 120,000 | 240,000 | 43.1 |
| Upstream | 205,069 | 41.5 | 43,040 | 47,857 | 90,897 | 185,818 | 33.3 |
| OMC' s Sharing | 47,590 | 9.6 | 86,080 | $-24,286$ | 61,794 | 131,636 | 23.6 |
| Total | 493,866 | 100 | $\mathbf{1 2 9 , 1 2 0}$ | $\mathbf{1 4 3 , 5 7 1}$ | $\mathbf{2 7 2 , 6 9 1}$ | 557,453 | 100 |

Source: Industry/Motilal Oswal Securities

## OMC's burden would be much higher if $1 / \mathbf{3}^{\text {rd }}$ formula is resorted to

We were earlier estimating under-recovery sharing using $1 / 3^{\text {rd }}$ mechanism. Based on this, oil bonds issuance will need to be Rs 186b. If this scheme is applied, then we estimate subsidy burden for OMCs for the full year also at Rs 186b, which would be nearly four times last year's subsidy burden.

IF ONE THIRD FORMULA IS APPLIED, OMCS WILL SUFFER MOST (RS M)

|  | FY07 | SHARING (\%) | 1QFY08 | 2QFY08E | 1HFY08E | FY08E | SHARING (\%) |
| :--- | ---: | :---: | ---: | ---: | ---: | ---: | :---: |
| Oil Bonds | 241,207 | 48.8 | 0 | 90,897 | 90,897 | 185,818 | 33.3 |
| Upstream | 205,069 | 41.5 | 43,040 | 47,857 | 90,897 | 185,818 | 33.3 |
| OMC' s Sharing | 47,590 | 9.6 | 86,080 | 4,817 | 90,897 | 185,818 | 33.3 |
| Total | 493,866 | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 2 9 , 1 2 0}$ | $\mathbf{1 4 3 , 5 7 1}$ | $\mathbf{2 7 2 , 6 9 1}$ | $\mathbf{5 5 7 , 4 5 3}$ | $\mathbf{1 0 0 . 0}$ |

Like in FY06-07, GoI did not issue any oil bonds in 1QFY08 as well. We believe that oil bonds will be issued in 2QFY08 (we expect bonds for $1 Q$ will also be included in this tranche of disbursement). Despite no oil bond issuance in 1QFY08, all OMCs (except HPCL) had reported profits in 1QFY08 due to forex gains. If oil bonds are not issued soon, we expect all OMCs to report huge losses in 2QFY08.

## Our estimate of net under-recoveries of OMCs

Despite factoring in Rs 240b oil bonds is sue (Rs 120b in 1HFY08), the net under-recoveries of individual OMC will balloon up nearly $1.5-2 \mathrm{x}$ compared to FY07, as shown below:

OMC BURDEN WILL SIGNIFICANTLY INCREASE (RS M)

|  |  |  |  |  | YOY CHANGE |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | FY07 | 1QFY08 | 2QFY08E | FY08E | RS M | $\%$ |
| IOC | 27,539 | 47,918 | $-13,449$ | 73,072 | 45,533 | $165 \%$ |
| BPCL | 10,355 | 19,624 | $-5,376$ | 30,548 | 20,193 | $195 \%$ |
| HPCL | 9,696 | 18,538 | $-5,461$ | 28,015 | 18,319 | $189 \%$ |
| Total | $\mathbf{4 7 , 5 9 0}$ | $\mathbf{8 6 , 0 8 0}$ | $\mathbf{- 2 4 , 2 8 6}$ | $\mathbf{1 3 1 , 6 3 6}$ | $\mathbf{8 4 , 0 4 6}$ | $\mathbf{1 7 7 \%}$ |

## Overall upstream discounts could be marginally lower

As discussed above, the benefits of decline in crude prices in 2HFY08 were not passed on to upstream companies. Thus, upstream companies had to bear $42 \%$ of total underrecoveries. We do not expect upstream companies to bear such large buden sharing this year and their share could remain at $1 / 3$ rd of under-recoveries.

SHARING BY UPSTREAM COMPANIES (RS M)

|  |  |  |  |  | YOY CHANGE |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | FY07 | 1QFY08 | 2QFY08E | FY08E | RS M | $\%$ |
| ONGC | 170,252 | 36,490 | 40,845 | 158,226 | $-12,025$ | -7 |
| OIL | 19,938 | 3,830 | 4,235 | 16,477 | $-3,461$ | -17 |
| GAIL | 14,880 | 2,720 | 2,777 | 11,115 | $-3,765$ | -25 |
| Total | $\mathbf{2 0 5 , 0 6 9}$ | $\mathbf{4 3 , 0 4 0}$ | $\mathbf{4 7 , 8 5 7}$ | $\mathbf{1 8 5 , 8 1 8}$ | $\mathbf{- 1 9 , 2 5 1}$ | $\mathbf{- 9}$ |

## Petrochemical: Firmed up margins over 1Q

Prices of petrochemical products firmed up in 2QFY08 compared to 1QFY08. However, the prices of naphtha have declined by about $2 \%$. In our view, this would result in improved margins across the petrochemical segment.

However, on a YoY basis, despite the recent price rise, margins remain lower than in 2QFY07. Thus, we would expect YoY decline in petrochemical margins.


Source: Industry/ Motilal Oswal Securities

The domestic spread of all key products declined significantly YoY, but margins improved compared to 1QFY08, as shown in the table below. The large YoY decline is seen in polyester chain.

| KEY PRODUCT SPREADS (RS/KG) | 2QFY08 | 1QFY08 | CH QOQ (\%) | 2QFY07 | CH YOY (\%) |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | 40.7 | 37.7 | 7.8 | 42.2 | -3.7 |
| PE | 40.8 | 38.2 | 6.6 | 42.6 | -4.3 |
| PP | 24.0 | 24.1 | -0.2 | 34.8 | -30.9 |
| PTA | 27.9 | 24.4 | 14.4 | 31.1 | -10.1 |
| MEG | 49.3 | 44.3 | 11.2 | 57.6 | -14.4 |
| POY integrated | 44.3 | 44.5 | -0.4 | 54.4 | -18.5 |
| PSF integrated |  |  |  |  |  |

* PE, PP, PTA and MEG spreads over naphtha, POY \& PSF spreads over PTA-MEG adjusted for consumption norms

The polymer spreads continue to remain high over historical averages as shown below. However, we believe that the downturn in polymer chain is inevitable in view of excess capacities coming online in Middle East and China. However, as most capacity additions have now been delayed to 2009 , from earlier expected 2008, we expect the downturn would now begin in mid-2008.


Source: Industry/ Motilal Oswal Securities

In the polyester chain, the trend of margin contraction was reversed in 1QFY08, with upward movement in cotton prices. With further firming up of the prices in 2QFY08, we expect some margin recovery to continue.
POY SPREAD OVER NAPHTHA (RS/KG)

Source: Industry/Motilal Oswal Securities

## Valuation and view

Reliance is our favorite in oil \& gas. We believe that $\mathrm{E} \& \mathrm{P}$ is the new growth engine in RIL's successful strategy of backward integration. In our view, as its KG-D6 gas comes online in FY09, 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.

RIL's refining margins have lately been scaling record highs. We expect refining margins to remain high, as the global demand for refined products is robust and not enough capacity is coming online. While margins in RIL's petrochemicals business have declined from the peak in 2QFY07, polymers continue to enjoy higher than historical average prices and margins. In polyesters, the trend of margin contraction was reversed in 1QFY08. However, high naphtha prices would continue to put pressure on overall petrochemical margins.

We believe that organized retailing in India offers 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.

The recent approval of gas pricing formula is a key positive. Near term upside could come from: (1) High court decision on litigation with RNRL and NTPC, (2) marketing tie-ups with potential gas buyers, (3) the updates on actual progress on KG-D6 field development and pipeline, (4) update on progress of RPL refinery completion, and (5) Progress on Retail front.

ONGC is our top pick among oil PSUs. Continued high oil price environment, increased production from ONGC as well as OVL, and recent exploration success leading to reserves accretion, give upside to ONGC stock price.

Tariff Commission had revised producer price of ONGC from Rs 3,200 to Rs 3,600/MSCM in 1QFY08. Adjusted for WPI increase, current producer price works out to Rs 3,710/ MSCM, a rise of $16 \%$. The implementation of the revised pricing had been delayed. Recent reports indicate that gas pricing will be revised from 3QFY08. Early implementation of revised pricing will be positive for ONGC.

The key concern remains high upstream discounts and lack of clarity on subsidy sharing mechanis moing forward. To make subsidy sharing transparent and equitable ONGC has been proposing several suggestions to the government. Acceptance of these suggestions leading to lower subsidy burden over our estimates will provide upsides.

Maintain Buy on Oil mark eting companies - BPCL, HPCL and IOC - Sustained high refining margins, increased throughput and capacity utilizations will mean that most players will show strong refining performance. These players are 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) process larger share of sour/heavy crudes. Completion of these projects, in time and within schedules, will be margin accretive in our view.

However, the big concern for OMC remains the huge under-recoveries on fuel marketing. With oil prices remaining high, the focus will remain on how the government plans to reimburse PSU OMCs for their losses.

We continue to maintain that markets are already factoring in the concerns related to subsidy issues, and OMC stocks remain inexpensive over long term. We have a Buy on oil marketing companies.

Neutral on GAIL: Last year GAIL's transmission tariffs were significantly reduced for both its HBJ and regional networks. However, the transmission volumes, which have
remained flat, would increase post recent commissioning of its pipelines connecting Dahej to Dhabol.

Prices of key petrochemicals are marginally up 3-4\% QoQ, which would result in improved realization, as gas costs have remained same after last price hike in 1QFY07. Though petrochemicals margin remain robust now, we believe that margin decline is impending as large capacities come online in Middle East, which will put pressure on prices.

While any decline in subsidy sharing could be incrementally positive, we believe riskreward remains unfavorable. We maintain Neutral.

Buy on Cairn India: GoI recently agreed to grant ROU for its planned pipeline, which is a key positive for Cairn India. The key pending issue is the inclusion of pipeline plans in Field Development plant. Resolution of this issue will enable monetization of Cairn's largest and most promising asset, Rajasthan block by 2 HCY 09 . Though, there still remain several uncertainties on cess, pricing and crude offtake, we believe these will not hamper the initial oil delivery schedules.

The Rajasthan block RJ-ON-90/1, is Cairn's main asset accounting for $80 \%$ of its total reserves. Of the total current gross in-place resources of 3.6 b boe, 2.2 b boe are currently in development phase. There remains upside from area already being developed and more development area are being added.

Cairn also has large exploration acreage of about $94,800 \mathrm{sq} \mathrm{km}$ in 12 other blocks, including 5 as operator. The most promising of these is ONGC operated (Cairn $10 \%$ ) deep-water block KG-DWN-98/2. Cairn has successfully extended plateaus for both its operating assets at Ravva and Cambay, by successful infill development and further exploration and development drilling.

We recently initiated coverage on Cairn with a Buy. We maintain our rating.

Neutral on Chennai Petro: We expect improved GRMs to contribute to YoY increase in profits. We maintain Neutral 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 | 6 | -4 | -14 | -44 | -14 | -57 |
| Cairn India | 25 | - | 6 | - | 5 | - |
| Chennai Petroleum | 3 | 36 | -16 | -4 | -17 | -17 |
| GAIL | 20 | 41 | 1 | 2 | 0 | -12 |
| HPCL | 1 | -6 | -18 | -46 | -19 | -59 |
| Indraprastha Gas | 8 | 11 | -11 | -28 | -12 | -42 |
| IOC | 5 | -9 | -14 | -49 | -14 | -62 |
| ONGC | 6 | 22 | -14 | -18 | -14 | -31 |
| Reliance | 36 | 97 | 16 | 57 | 16 | 44 |

RELATIVE PERFORMACE - 3 MONTHS (\%)
RELATIVE PERFORMANCE - 1 YEAR (\%)



| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | BPCL IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | BPCL.BO |


| Equity Shares (m) | 361.5 |
| :--- | ---: |
| 52-Week Range | $448 / 287$ |
| 1,6,12 Rel. Perf. (\%) | $2 /-16 /-44$ |
| M.Cap. (Rs b) | 128.6 |
| M.Cap. (US\$ b) | 3.2 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Buy } \\ & \text { Rs } 356 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | net sales (RS M) | $\begin{gathered} \text { S } \\ (\text { RS } \mathrm{M}) \end{gathered}$ | $\begin{gathered} \text { EPS } \\ \text { (RS) } \end{gathered}$ | EPS <br> GROWTH (\%) | $\begin{aligned} & \mathrm{P} / E \\ & (x) \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{x}) \end{gathered}$ | RoE <br> (\%) | roce (\%) | $\begin{gathered} \text { EVII } \\ \text { SALES } \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 982,049 | 21,395 | 59.2 | 633.7 | 6.0 | 1.1 | 18.8 | 14.1 | 0.2 | 5.7 |
| $3 / 08 \mathrm{E}$ | 970,793 | 20,757 | 57.4 | -3.0 | 6.2 | 1.0 | 16.4 | 12.0 | 0.2 | 5.5 |
| 3/09E | 847,711 | 20,696 | 57.3 | -0.3 | 6.2 | 0.9 | 14.8 | 11.9 | 0.3 | 5.5 |

*Consolidated
\& We expect BPCL's net profit at Rs 11.8 b in 2QFY08 as against Rs 12.6 b in 2QFY07. The lower profit estimates are primarily due to lower sharing of fuel under-recoveries in the form of oil bonds and upstream subsidies.

* Large fuel under-recoveries continue to undermine BPCL's profitability despite improved operating fundamentals. This warrants an immediate substantial price hike, but likelihood of such hike remains low in our view.
25 We factor in oil bonds issue of Rs 27.7 b to BPCL in 1HFY08 v/s Rs 32b in 1HFY07. The government had not issued any oil bonds in 1QFY08 and 1QFY07. We expect BPCL to report losses if oil bonds are not is sued in 2QFY08.
\& We estimate reduced sharing in the form of discounts by upstream companies at Rs 11 b in 2QFY08 v/s Rs 13.4 b in the same period last year, which again will impact BPCL negatively.
\& On the operating front, we expect improved performance in 2QFY08 with about $8 \%$ higher throughput (5.4mmt $\mathrm{v} / \mathrm{s} 5 \mathrm{mmt}$ ).
2 The key data to watch out for are the extent of upstream discounts, oil bonds from the government and price hikes.
\& BPCL currently trades at $6.2 x$ FY08E consolidated earnings. We maintain Buy in view of the continuing strong refining fundamentals and attractive valuations. However, concerns remain on large fuel under-recoveries due to non-revision of prices and non-clarity on subsidy sharing mechanism.

| QUARTERLY PERFORMANCE (MERGED) |  |  |  |  |  |  |  |  |  | (RS MILLION) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 30 | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Gross Sales | 254,338 | 288,323 | 265,535 | 266,327 | 265,501 | 293,397 | 246,831 | 247,652 | 1,074,523 | 1,053,380 |
| Change (\%) | 36.3 | 52.1 | 18.3 | 6.1 | 4.4 | 1.8 | -7.0 | -7.0 | 26.2 | -2.0 |
| Raw Material Consumed | 105,979 | 120,207 | 98,250 | 97,597 | 111,518 | 123,488 | 106,492 | 109,163 | 422,033 | 450,660 |
| Staff Cost | 2,414 | 2,087 | 2,651 | 2,885 | 2,800 | 2,400 | 2,916 | 2,925 | 10,037 | 11,041 |
| Fininshed Goods Purchase | 105,801 | 118,179 | 126,491 | 113,433 | 113,551 | 108,841 | 99,105 | 96,128 | 463,904 | 417,625 |
| Other Exp (incl Stock Adj) | 42,753 | 30,712 | 31,251 | 39,674 | 35,572 | 38,727 | 33,840 | 34,109 | 144,390 | 142,248 |
| EBITDA | -2,609 | 17,138 | 6,892 | 12,738 | 2,060 | 19,940 | 4,478 | 5,328 | 34,159 | 31,806 |
| Change (\%) | $n m$ | 1,302.5 | $n m$ | -33.5 | nm | 16.4 | -35.0 | -58.2 | 256.8 | -6.9 |
| \% of Sales | -1.0 | 5.9 | 2.6 | 4.8 | 0.8 | 6.8 | 1.8 | 2.2 | 3.2 | 3.0 |
| Depreciation | 1,814 | 1,964 | 2,484 | 2,778 | 2,276 | 2,390 | 2,509 | 2,635 | 9,040 | 9,810 |
| Interest | 908 | 920 | 1,298 | 1,648 | 1,240 | 1,260 | 1,365 | 1,386 | 4,774 | 5,251 |
| Other Income | 1,091 | 2,207 | 1,487 | 2,547 | 4,341 | 1,600 | 1,600 | 1,600 | 7,332 | 9,141 |
| PBT | -4,240 | 16,461 | 4,597 | 10,859 | 2,885 | 17,890 | 2,203 | 2,907 | 27,677 | 25,886 |
| Tax | 25 | 3,876 | 1,562 | 4,159 | 958 | 6,065 | 747 | 986 | 9,622 | 8,755 |
| Rate (\%) | -0.6 | 23.5 | 34.0 | 38.3 | 33.2 | 33.9 | 33.9 | 33.9 | 34.8 | 33.8 |
| PAT | -4,265 | 12,585 | 3,035 | 6,700 | 1,927 | 11,825 | 1,456 | 1,922 | 18,055 | 17,131 |
| Change (\%) | $n m$ | 6,594.1 | $n m$ | -60.2 | $n m$ | -6.0 | -52.0 | -71.3 | 519.2 | -5.1 |

## E: MOSt Estimates

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## Cairn India

| STOCK InFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> CAIR IN |
| :--- | ---: |
| REUTERS CODE |  |
| S\&P CNX: 5,021 | CAIL.BO |
| Equity Shares (m) | $1,778.4$ |
| 52-Week Range | $188 / 111$ |
| 1,6,12 Rel. Perf. (\%) | $7 / 11 /-$ |
| M.Cap. (Rs b) | 321.9 |
| M.Cap. (US\$ b) | 8.1 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 181 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR END* | net sales (RS M) | $\begin{aligned} & \text { PAT } \\ & (\text { RS M) } \end{aligned}$ | EPS (RS) | EPS <br> GROWTH (\%) | P/E | $\begin{gathered} \mathrm{P} / \mathrm{BV} \\ (\mathrm{X}) \end{gathered}$ | Roe (\%) | Roce (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ | EV/ EBITDA |
| 12/07E | 10,378 | 1,032 | 0.6 |  | 311.9 | 1.1 | 0.4 | 1.6 | 30.2 | 43.5 |
| 12/08E | 10,604 | 1,373 | 0.8 | 33.0 | 234.5 | 1.1 | 0.5 | 1.1 | 30.8 | 43.7 |
| 12/09E | 16,686 | 3,306 | 1.9 | 140.8 | 97.4 | 1.1 | 1.1 | 2.2 | 20.7 | 26.9 |

* We expect Cairn to report net profit of Rs572m in 3QCY07.
\& Des pite Rs 1.9 profit at EBITDA level in 2QCY07, it had reported a loss of Rs 714 m , primarily due to the accounting loss of Rs 1.4 b due to foreign exchange fluctuation (loss was on the deposits held in US dollars). Cairn is keeping a large portion of the balance IPO proceeds of about US $\$ 600 \mathrm{~m}$ in dollar deposits to fund primarily US\$ capex outflows over the next two years.
\& We estimate Cairn's working interest oil and gas production at $\sim 20,000$ bpd in 3QCY07 and average realization at US $\$ 60 / \mathrm{bbl}$ against US $\$ 50.5 / \mathrm{bbl}$ in 2QCY07.
* During the quarter, the government has agreed to grant Rights of Use for Cairn's proposed pipeline from its Rajasthan block to Salaya (Gujarat coast). This is a significant positive development for crude oil evacuation from the Rajasthan block. We expect the pipeline to be completed on time for its crude oil production plans.
\& Cairn expects to commence production from Mangala field in Rajasthan Block in 2009. This will be followed by production from its Bhagyam, A ishwairya and other smaller fields, with peak plateau rate of $150,000 \mathrm{bpd}$.
* Cairn currently trades at $97.4 x$ FY09E and 11.6x FY10E earnings. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  | (RS MILLION) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E december | CY07 |  |  |  | CY07 | CY08E |
|  | 1 Q | 2 Q | 3QE | 4QE |  |  |
| Net Sales Change (\%) | 2,364 | 2,433 | 2,925 | 2,657 | 10,378 | $\begin{array}{r} \hline 10,604 \\ 2.2 \end{array}$ |
| Inc/Dec in Stock | 95 | -157 | 0 | 0 | -61 |  |
| Staff Cost | 309 | 288 | 294 | 300 | 1,190 | 1,312 |
| Other Administration Costs | 153 | 66 | 110 | 110 | 439 | 481 |
| Other Expenditure | 473 | 341 | 390 | 400 | 1,604 | 1,338 |
| EBITDA | 1,334 | 1,895 | 2,131 | 1,847 | 7,207 | 7,473 |
| \% of Net Sales | 56.4 | 77.9 | 72.9 | 69.5 |  | 70.5 |
| Change (\%) |  |  |  |  |  | 3.7 |
| Depreciation \& Exploration Wrtie-off | 1,002 | 1,145 | 1,005 | 1,005 | 4,157 | 5,084 |
| Interest | 2 | 8 | 30 | 30 | 69 | 1,276 |
| Other Income | 500 | 351 | 400 | 450 | 1,701 | 1,021 |
| Forex Fluctuations | -138 | -1,406 | -375 | 0 | -1,919 | 0 |
| PBT | 692 | -312 | 1,121 | 1,262 | 2,763 | 2,134 |
| Tax | 317 | 402 | 549 | 463 | 1,731 | 761 |
| Rate (\%) | 45.8 | -128.6 | 49.0 | 36.7 | 62.6 | 35.7 |
| PAT | 376 | -714 | 572 | 799 | 1,032 | 1,373 |
| Change (\%) |  |  |  |  |  | 33.0 |

E: MOSt Estimates
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# Chennai Petroleum Corporation 

| stock info. <br> BSE Sensex: 17,291 | bloomberg |
| :---: | :---: |
|  | MrL in |
|  | reuters code |
| S\&P CNX: 5,021 | CHPC.BO |
| Equity Shares (m) | 149.0 |
| 52-Week Range | 337/166 |
| 1,6,12 Rel. Perf. (\%) | \%) -4/24/-4 |
| M.Cap. (Rs b) | 41.7 |
| M.Cap. (US\$ b) | 1.0 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 280 |
| year | net sales | PAT | Eps | EPS | PIE | P/BV | ROE | Roce | EV/ | Ev/ |
| End | (RS M) | (RS M) | (RS) | OWTH (\%) | (X) | (X) | (\%) | (\%) | Sales | Ebitda |
| 3/07A | 246,533 | 5,653 | 37.9 | 17.5 | 7.4 | 1.6 | 21.4 | 18.8 | 0.3 | 5.2 |
| 3/08E | 280,347 | 8,129 | 54.6 | 43.8 | 5.1 | 1.3 | 25.1 | 25.6 | 0.2 | 4.0 |
| 3/09E | 255,590 | 7,715 | 51.8 | -5.1 | 5.4 | 1.1 | 20.2 | 21.8 | 0.3 | 4.1 |

\& We expect CPCL to record net profit of Rs 1.9 b in $2 \mathrm{QFY} 08 \mathrm{v} / \mathrm{s}$ Rs 1 b in 2 QFY 07 and Rs 3.2 b in 1 QFY08.
\& In 2QFY07, profits were impacted by discounts of Rs 1.2 b for OMC under-recoveries. The scheme of refineries sharing subsidy burden was discontinued in 3 QFY 07 , with retrospective effect, and the amount of US $\$ 1.2 \mathrm{~b}$ was refunded back to CPCL in 3QFY07.

* The refining fundamentals continue to remain strong. Though the benchmark Singapore GRMs for 2 QFY08 at US $\$ 6.4 / \mathrm{bbl}$ have come down from US $\$ 9.50 / \mathrm{bbl}$ seen in 1 QFY08, YoY marg ins are up $35 \%$ from US $\$ 4.74 / \mathrm{bbl}$ in 2QFY07.
* However, appreciation of rupee by over $13 \%$ YoY will moderate the refining margin gains.
\& The stock trades at 5.1x FY08E earnings. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 10 | 2QE | 3QE | 4 QE |  |  |
| Net Sales | 64,656 | 66,527 | 58,819 | 56,531 | 62,966 | 77,733 | 69,627 | 70,020 | 246,533 | 280,347 |
| Change (\%) | 38.7 | 21.6 | 7.5 | 2.9 | -2.6 | 16.8 | 18.4 | 23.9 | 16.8 | 13.7 |
| Raw Materials Cons | 58,804 | 63,338 | 55,551 | 53,791 | 54,367 | 59,705 | 53,654 | 53,654 | 231,484 | 221,378 |
| Employee Costs | 245 | 353 | 302 | 607 | 303 | 318 | 337 | 354 | 1,506 | 1,310 |
| Other Exp (incl Stock Adj) | 819 | 456 | 1,747 | -1,886 | 2,383 | 13,932 | 12,497 | 12,568 | 1,137 | 41,380 |
| EBITDA | 4,789 | 2,380 | 1,218 | 4,019 | 5,914 | 3,779 | 3,139 | 3,446 | 12,407 | 16,278 |
| \% of Sales | 7.4 | 3.6 | 2.1 | 7.1 | 9.4 | 4.9 | 4.5 | 4.9 | 5.0 | 5.8 |
| Change (\%) | 10.8 | -39.1 | -7.2 | 194.3 | 23.5 | 58.8 | 157.7 | -14.3 | 13.7 | 31.2 |
| Depreciation | 586 | 586 | 586 | 662 | 637 | 640 | 643 | 647 | 2,419 | 2,567 |
| Interest | 426 | 468 | 412 | 577 | 460 | 465 | 470 | 483 | 1,883 | 1,878 |
| Other Income | 69 | 146 | 152 | 338 | 83 | 125 | 131 | 138 | 705 | 477 |
| PBT | 3,845 | 1,473 | 373 | 3,118 | 4,900 | 2,799 | 2,157 | 2,454 | 8,809 | 12,310 |
| Tax | 1,300 | 500 | 129 | 1,227 | 1,668 | 949 | 731 | 832 | 3,156 | 4,180 |
| Rate (\%) | 33.8 | 34.0 | 34.6 | 39.4 | 34.0 | 33.9 | 33.9 | 33.9 | 35.8 | 34.0 |
| PAT | 2,546 | 972 | 243 | 1,891 | 3,232 | 1,850 | 1,426 | 1,622 | 5,653 | 8,129 |
| Change (\%) | 8.8 | -50.5 | 14.4 | 434.3 | 26.9 | 90.3 | 485.5 | -14.2 | 16.1 | 43.8 |

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

# GAIL (India) 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 GAIL IN |  |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | GAIL.BO |


| Equity Shares (m) 52-Week Range | 845.7 $389 / 243$ | YEAR END | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | EPS <br> (RS) | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | P/E <br> (X) | $\begin{gathered} \mathrm{P} / \mathrm{BV} \mathrm{C} \\ (\mathrm{X}) \end{gathered}$ | ROE <br> (\%) | ROCE <br> (\%) | EV/ SALES | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1,6,12 Rel. Perf. (\%) | 8/8/2 | 3/07A | 160,472 | 20,468 | 24.2 | -11.4 | 15.6 | 2.8 | 22.8 | 20.3 | 2.0 | 10.7 |
| M.Cap. (Rs b) | 320.3 | 3/08E | 171,540 | 25,946 | 30.7 | 26.8 | 12.3 | 2.5 | 19.9 | 22.8 | 1.9 | 7.9 |
| M.Cap. (US\$ b) | 8.0 | 3/09E | 181,832 | 27,372 | 32.4 | 5.5 | 11.7 | 2.2 | 18.5 | 22.2 | 1.8 | 7.3 |

\& We expect GAIL to report net profit of Rs6.6b in 2QFY08, up $46 \%$, v/s Rs 4.5 b in 2QFY07 and Rs 6.8 b in 1QFY08. GAIL's gas supplies and production volumes were severely affected in 2QFY07 due to floods in Gujarat.
\& We also estimate lower subsidy sharing for 2QFY08 at Rs 2.8 b v/s 4.2 b in 2QFY07 and Rs 2.7 b in 1 QFY08.
\& We estimate significantly improved performance in petrochemicals, largely due to increase in volume by $\sim 50 \%$ to $105 \mathrm{kt} \mathrm{v} / \mathrm{s} 70 \mathrm{kt}$ in 2QFY07. In early September, GA IL has announced mechanical completion of its petchem capacity at Pata by 100kta to 410kta, which should result in increase throughput from 3QFY08.
\& Prices of key petrochemicals are marginally up $3-4 \%$ QoQ, which would result in improved realisation, as gas costs have remained same after last price hike in 1QFY07. Though petrochemicals margins remain robust, we believe margin decline is impending as large capacities come online in the Middle East, which will put pressure on the prices.
\& We estimate improved natural gas transmission volumes of 85 mmscmd (up $21 \% \mathrm{YoY}$ due to lower base due to floods last year) and commis sioning of Dahej-Panvel-Dabhol pipeline in 1QFY08.
\& The stock trades at $12.3 x$ FY08E earnings. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 40,784 | 37,070 | 43,784 | 38,834 | 42,457 | 43,247 | 43,371 | 42,465 | 160,472 | 171,540 |
| Change (\%) | 24.1 | 2.9 | 12.0 | 6.1 | 4.1 | 16.7 | -0.9 | 9.4 | 11.0 | 6.9 |
| Finished Gds Purchase | 30,552 | 28,088 | 30,568 | 23,368 | 23,529 | 24,651 | 24,721 | 24,205 | 94,290 | 97,106 |
| Raw Materials Cons | 5,069 | 4,845 | 5,559 | 4,527 | 4,314 | 5,060 | 5,074 | 4,968 | 17,851 | 19,417 |
| Employee Costs | 551 | 905 | 651 | 816 | 688 | 840 | 847 | 867 | 2,923 | 3,242 |
| Less: Internal Consumption* | -6,519 | -6,513 | -7,279 | - | - |  | - | - |  | - |
| Other Exp (incl Stock Adj) | 1,715 | 3,854 | 5,643 | 4,099 | 4,058 | 2,239 | 2,498 | 2,610 | 15,435 | 11,404 |
| EBITDA | 9,416 | 5,891 | 8,641 | 6,024 | 9,869 | 10,457 | 10,230 | 9,814 | 29,973 | 40,371 |
| \% of Net Sales | 23.1 | 15.9 | 19.7 | 15.5 | 23.2 | 24.2 | 23.6 | 23.1 | 18.7 | 23.5 |
| Change (\%) | -0.7 | -37.0 | -5.2 | -14.5 | 4.8 | 77.5 | 18.4 | 62.9 | -14.3 | 34.7 |
| Depreciation | 1,408 | 1,436 | 1,439 | 1,471 | 1,407 | 1,688 | 1,688 | 1,688 | 5,754 | 6,472 |
| Interest | 288 | 291 | 271 | 221 | 204 | 262 | 284 | 295 | 1,071 | 1,045 |
| Other Income | 801 | 1,674 | 1,846 | 1,129 | 1,430 | 1,430 | 1,430 | 1,430 | 5,450 | 5,722 |
| PBT | 8,521 | 5,838 | 8,778 | 5,461 | 9,689 | 9,937 | 9,688 | 9,261 | 28,598 | 38,576 |
| Tax | 2,600 | 1,354 | 2,124 | 2,053 | 2,837 | 3,369 | 3,284 | 3,139 | 8,130 | 12,629 |
| Rate (\%) | 30.5 | 23.2 | 24.2 | 37.6 | 29.3 | 33.9 | 33.9 | 33.9 | 28.4 | 32.7 |
| PAT | 5,921 | 4,484 | 6,655 | 3,408 | 6,852 | 6,569 | 6,404 | 6,122 | 20,468 | 25,946 |
| Change (\%) | 22.5 | -42.1 | 3.5 | -16.7 | 15.7 | 46.5 | -3.8 | 79.6 | -11.4 | 26.8 |
| EO: Tax Provision Written Back |  |  |  | 3,399 | 0 | 0 | 0 | 0 | 3,399 |  |
| Reported PAT | 5,921 | 4,484 | 6,655 | 6,807 | 6,852 | 6,569 | 6,404 | 6,122 | 23,867 | 25,946 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | HPCL IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | HPCL.BO |


| Equity Shares (m) | 338.8 |
| :--- | ---: |
| 52-Week Range | $337 / 223$ |
| 1,6,12 Rel. Perf. (\%) | $0 /-30 /-46$ |
| M.Cap. (Rs b) | 90.1 |
| M.Cap. (US\$ b) | 2.3 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{gathered} \text { Buy } \\ \text { Rs } 266 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \\ & \hline \end{aligned}$ | net sales (RS M) | $\begin{aligned} & \text { SAT } \\ & (\text { RS M) } \end{aligned}$ | $\begin{aligned} & \text { EPS } \\ & (R S) \end{aligned}$ | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{aligned} & \text { P/E } \\ & (x) \end{aligned}$ | $\begin{aligned} & \text { PBV } \\ & (x) \end{aligned}$ | $\begin{aligned} & \text { ROE } \\ & (\%) \\ & \hline \end{aligned}$ | Roce (\%) | $\begin{gathered} \text { EVI } \\ \text { SALES } \end{gathered}$ | $\underset{\text { EBITDA }}{\text { EVI }}$ |
| 3/07A | 969,182 | 12,682 | 37.4 | 212.7 | 7.1 | 0.9 | 13.2 | 10.2 | 0.2 | 6.6 |
| 3/08E | 948,798 | 11,780 | 34.8 | -7.1 | 7.7 | 0.9 | 11.7 | 7.2 | 0.2 | 6.5 |
| 3/09E | 832,182 | 10,451 | 30.8 | -11.3 | 8.6 | 0.9 | 10.0 | 6.2 | 0.2 | 7.0 |

\& W e expect HPCL's net profit at Rs 10.5 b in 2QFY08 as against Rs 12.2 b in 2QFY07. The lower profit estimates are primarily due to lower sharing of fuel under-recoveries in the form of oil bonds and upstream subsidies.
\& Large fuel under-recoveries continue to undermine HPCL's profitability despite improved operating fundamentals. This warrants an immediate substantial price hike, but likelihood of such hike remains low in our view.
\& Our workings factor in estimated oil bonds is sue of Rs 25.5 b to HPCL for $1 \mathrm{HFY} 08 \mathrm{v} / \mathrm{s}$ Rs 29.1 b in 1 HFY 07 . The government had not is sued any oil bonds in 1QFY08 and 1QFY07; we expect bonds for 1QFY08 will also be is sued in 2QFY08, as was the case in FY07.
\& We estimate reduced sharing by upstream companies at Rs 10 b in 2 QFY08 v/s Rs 12.3 b . For 1HFY08, we estimate net under-recoveries at Rs 12.3 b v/s Rs 12.9 b in 1HFY07.

* On the operating front, we expect improved performance in 2QFY08 with about $5 \%$ increased throughput at 4.35 mmt .
\& The key data to watch for is the extent of upstream discounts, oil bonds from the government and price hikes.
\& HPCL trades at 7.7x FY08E earnings. We maintain Buy in view of the continuing strong refining fundamentals and attractive valuations. However, concerns remain on large fuel under-recoveries due to non-revision of prices and non-clarity on subsidy sharing mechanism.

| QUARTERLY PERFORMANCE |  |  |  |  | (RS MILLION) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 O | 30 | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Sales | 226,795 | 262,351 | 242,494 | 237,542 | 237,131 | 260,895 | 223,067 | 227,705 | 969,182 | 948,798 |
| Change (\%) | 39 | 47 | 22 | 4.5 | 5 | -1 | -8.0 | -4.1 | 26.0 | -2.1 |
| Raw Material Consumed | 90,409 | 100,016 | 86,610 | 81,133 | 81,914 | 97,997 | 86,365 | 73,016 | 358,168 | 339,292 |
| Staff Cost | 1,657 | 2,202 | 1,930 | 1,619 | 1,805 | 2,092 | 2,104 | 2,000 | 7,407 | 8,000 |
| Fininshed Goods Purchase | 114,243 | 121,223 | 118,300 | 114,736 | 128,882 | 113,287 | 104,366 | 123,333 | 468,502 | 469,867 |
| Other Exp, Levies and Stock Adj | 25,652 | 22,447 | 33,714 | 29,804 | 25,816 | 29,936 | 26,813 | 26,062 | 111,617 | 108,627 |
| EBITDA | -5,166 | 16,462 | 1,940 | 10,251 | -1,285 | 17,583 | 3,420 | 3,294 | 23,487 | 23,011 |
| \% of Net Sales | -2.3 | 6.3 | 0.8 | 4.3 | -0.5 | 6.7 | 1.5 | 1.4 | 2.4 | 2.4 |
| Change (\%) | nm | 1,964 | nm | -47.8 | nm | 7 | 76 | -68 | 191.1 | -2.0 |
| Depreciation | 1,701 | 1,742 | 1,733 | 1,864 | 1,798 | 1,915 | 1,873 | 1,997 | 7,040 | 7,583 |
| Interest | 596 | 983 | 1,046 | 1,527 | 1,334 | 1,425 | 1,400 | 1,350 | 4,152 | 5,509 |
| Other Income | 1,021 | 1,925 | 2,466 | 1,964.4 | 3,351 | 1,600 | 1,600 | 1,600 | 7,377 | 8,151 |
| PBT | -6,442 | 15,663 | 1,627 | 8,824 | -1,066 | 15,843 | 1,747 | 1,546 | 19,672 | 18,071 |
| Tax | -366 | 3,443 | 584 | 3,329 | -197 | 5,371 | 592 | 524 | 6,990 | 6,291 |
| Rate (\%) | 6 | 22 | 36 | 37.7 | 18 | 34 | 34 | 34 | 35.5 | 35 |
| PAT | -6,077 | 12,220 | 1,044 | 5,495 | -869 | 10,472 | 1,155 | 1,022 | 12,682 | 11,780 |
| Change (\%) | $n m$ | $n m$ | nm | -72.7 | $n m$ | -14.3 | 10.7 | -81.4 | 212.7 | -7.1 |
| EO-Tax Prov Write back | 0 | 0 | 3,030 | 0 | 0 | 0 | 0 | 0 | 3,030 | 0 |
| Reported PAT | -6,077 | 12,220 | 4,073 | 5,495 | -869 | 10,472 | 1,155 | 1,022 | 15,712 | 11,780 |

## E: MOSt Estimates

Anil Sharma (AnilSharma@MotilalOswal.com);Tel: +91 22 39825413/Harshad Borawake (HarshadBorawake@motilaloswal.com) Tel: 39825432

# Indian Oil Corporation 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | IOC IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | IOC.BO |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{array}{r} \text { Buy } \\ \text { Rs } 470 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{aligned} & \mathrm{P} / \mathrm{E} \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \mathrm{P} / \mathrm{BV} \mathrm{I} \\ (\mathrm{X}) \\ \hline \end{gathered}$ | RoE <br> (\%) | ROCE <br> (\%) | EV/ SALES | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 1,999,308 | 59,887 | 50.2 | 18.9 | 9.4 | 1.5 | 16.4 | 12.6 | 0.4 | 6.5 |
| 3/08E | 2,449,973 | 71,723 | 60.2 | 19.8 | 7.8 | 1.3 | 16.9 | 12.5 | 0.3 | 6.1 |
| 3/09E | 2,118,043 | 68,028 | 57.1 | -5.2 | 8.2 | 1.2 | 14.0 | 11.1 | 0.4 | 6.2 |

Consolidated; Adj. for extra-ordinary items
2. We expect IOC's net profit at Rs 33.1b in 2QFY08 v/s Rs 30.5b in 2QFY07. Profits in 2QFY07 were lower due to impact of GRM to the tune of US $\$ 3.15$ on account of inventory valuation.
\& Similar to other PSU OMCs, large fuel under-recoveries continue to undermine IOC' s profitability despite improved operating fundamentals.
\& Our estimates factor in estimated oil bonds is sue of Rs 66.9 b to IOC for $1 \mathrm{HFY} 08 \mathrm{v} / \mathrm{s}$ actual issue of Rs 71.7 b in 1HFY07. The government had not issued any oil bonds in 1QFY08 and 1QFY07; we expect bonds for 1QFY08 will also be issued in 2QFY08, as was the case in FY07.
\& We estimate reduced sharing by upstream companies at Rs26.7b in 2QFY08 v/s Rs 30.8 b in 2QFY07.
\& The key data to watch out for is the extent of upstream discounts, oil bonds from the government and price hikes.
\& IOC trades at $7.8 x$ FY08E con solid ated earnings. We maintain Buy in view of continuing strong refining fundamental and attractive valuations. However, concerns remain on large fuel under-recoveries due to non-revision of prices and non-clarity on subsidy sharing mechanism.


E: MOSt Estimates; ** 1QFY07, 4QFY07 and FY07 numbers restated for IBP's merger; FY08 includes IBP numbers
Anil Sharma (AnilSharma@MotilalOswal.com);Tel: +91 22 39825413/Harshad Borawake (HarshadBorawake@motilaloswal.com) Tel: 39825432

# Indraprastha Gas 

| stock info. <br> BSE Sensex: 17,29 | BLOOMBERG |
| :---: | :---: |
|  | IGL IN |
|  | reuters code |
| S\&P CNX: 5,021 I | IGAS.BO |
| Equity Shares (m) | 140.0 |
| 52-Week Range | 130/89 |
| 1,6,12 Rel. Perf. (\%) | \%) -5/-4/-28 |
| M.Cap. (Rs b) | 18.1 |
| M.Cap. (US\$ b) | 0.5 |

28 September 2007
Not Rated

| Rs 129 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | EPS <br> (RS) | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{gathered} \mathrm{P} / \mathrm{E} \\ (\mathrm{X}) \end{gathered}$ | $\begin{gathered} \mathrm{P} / \mathrm{BV} \mathrm{I} \\ (\mathrm{X}) \\ \hline \end{gathered}$ | RoE <br> (\%) | ROCE <br> (\%) | EV/ SALES | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 6,141 | 1,380 | 9.9 | 29.7 | 13.1 | 3.9 | 32.5 | 43.2 | 2.7 | 6.5 |
| 3/08E | 6,925 | 1,612 | 11.5 | 16.8 | 11.2 | 3.1 | 30.6 | 42.4 | 2.1 | 5.0 |
| 3/09E | 7,520 | 1,728 | 12.3 | 7.2 | 10.5 | 2.6 | 26.8 | 37.2 | 2.0 | 4.6 |

* We expect IGL to report net profit of Rs 394 m in 2QFY08, up $13.3 \%$ YoY, led by volume growth at its current network.
\& EBITDA margin is seen sustained at $42.8 \%$ in 2QFY08 v/s $41.9 \%$ in 2QFY07 and $42.5 \%$ in 1QFY08.
\& IGL currently operates about 154 CNG stations and we expect these stations to maintain volume growth rate, as more vehicle conversions take place. Though the volumes from buses have peaked out; conversion of passenger vehicles and taxis led by regulatory norms will be the key growth driver for CNG.
* We expect CNG volumes to grow $8 \%$ QoQ to $125 \mathrm{mmscm} v / \mathrm{s} 116.5 \mathrm{mmscm}$ in 1QFY08. In PNG, we expect volumes to grow $10 \%$ QoQ to 10.6 mmscm v/s 9.6 mmscm in 1QFY08.

2 The company is currently implementing an Rs 1.7 b expansion program for its fuel stations as well as PNG network, which would contribute to revenue in 2HFY08. This expansion would be in the current Delhi region as well as new areas in Ghaziabad and Greater Noida.

* IGL trades at $11.2 \times$ FY08E earnings. We do not have a rating on the stock.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 30 | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 1,358 | 1,542 | 1,599 | 1,643 | 1,618 | 1,706 | 1,786 | 1,816 | 6,141 | 6,925 |
| Change (\%) | 19.1 | 15.0 | 16.7 | 21.1 | 19.1 | 10.7 | 11.7 | 10.5 | 17.9 | 12.8 |
| Raw Material Consumed | 586 | 675 | 721 | 696 | 693 | 731 | 765 | 778 | 2,677 | 2,967 |
| Staff Cost | 31 | 36 | 36 | 38 | 36 | 37 | 40 | 41 | 141 | 154 |
| Other Exp (incl Stock Adj) | 199 | 186 | 188 | 198 | 202 | 208 | 214 | 218 | 771 | 842 |
| EBITDA | 541 | 645 | 654 | 711 | 687 | 730 | 766 | 779 | 2,552 | 2,962 |
| \% of Net Sales | 39.9 | 41.9 | 40.9 | 43.3 | 42.5 | 42.8 | 42.9 | 42.9 | 41.6 | 42.8 |
| Change (\%) | 23.8 | 20.1 | 12.4 | 22.5 | 27.0 | 13.1 | 17.2 | 9.4 | 19.4 | 16.1 |
| Depreciation | 150 | 150 | 150 | 149 | 156 | 163 | 165 | 169 | 598 | 653 |
| Other Income | 22 | 23 | 24 | 34 | 40 | 30 | 25 | 25 | 102 | 120 |
| PBT | 413 | 518 | 528 | 596 | 571 | 596 | 626 | 635 | 2,056 | 2,429 |
| Tax | 137 | 170 | 173 | 196 | 187 | 202 | 212 | 215 | 676 | 817 |
| Rate (\%) | 33.1 | 32.9 | 32.8 | 32.8 | 32.8 | 33.9 | 33.9 | 33.9 | 32.9 | 33.0 |
| PAT | 276 | 348 | 355 | 401 | 384 | 394 | 414 | 419 | 1,380 | 1,612 |
| Change (\%) | 36.5 | 28.7 | 21.0 | 34.6 | 39.0 | 13.3 | 16.7 | 4.7 | 29.7 | 16.8 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 |
| :--- | ---: |
|  | ONGC IN <br> REUTERS CODE |
| S\&P CNX: 5,021 | ONGC.BO |, |  | $2,138.9$ |
| :--- | ---: |
| Equity Shares (m) | $1,000 / 728$ |
| 52-Week Range | $2 /-24 /-18$ |
| 1,6,12 Rel. Perf. (\%) | $2,048.8$ |
| M.Cap. (Rs b) | 51.5 |


| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Buy <br> Rs 958 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |
| 3/07A | 822.5 | 177.7 | 83.1 | 15.4 | 11.5 | 3.4 | 32.5 | 38.3 | 2.5 | 5.9 |
| 3/08E | 902.1 | 212.0 | 99.1 | 19.3 | 9.7 | 2.9 | 32.3 | 37.3 | 2.2 | 5.1 |
| 3/09E | 851.7 | 194.1 | 90.7 | -8.5 | 10.6 | 2.6 | 25.6 | 29.1 | 2.3 | 5.3 |

\& We expect net profit at Rs 47.9 b in $2 \mathrm{QFY} 08 \mathrm{v} / \mathrm{s}$ Rs 41.7 b in 2QFY07. Increase in profits is primarily due to higher oil price realization and lower discounts to OMCs, compensated by about $13 \%$ appreciation in rupee.
\& Bonny light prices increased $8.3 \%$ YoY to US $\$ 77.4 / \mathrm{bblv} / \mathrm{s}$ US $\$ 71.4 / \mathrm{bbl}$ in 2QFY07. However, $13 \%$ YoY appreciation in rupee will mean that the gross rupee realization will be lowered by about $5 \%$.
\& Despite higher oil prices in FY08, we estimate burden sharing to be lower due to rupee appreciation as well as only $1 / 3^{\text {rd }}$ upstream sharing. Upstream sharing was much higher at $41.5 \%$ in the same period last year. We estimate ONGC' s discount at Rs 39.9 b in 2QFY08 v/s Rs 50.3 b in 2QFY07 and Rs 35.6 b in 1QFY08.
\& Uncertainty on under-recovery burden sharing, its quantum and timing remain a concern.

* The implementation of revised gas pricing as per Tariff Commission seems to have been delayed, and notification has not been issued yet. Tariff commission had increased gas pricing for ONGC by $16 \%$ in 1QFY07. Further delay in revised pricing will be negative for ONGC.
\& ONGC trades at $9.7 \times$ FY08E consolidated earnings. We maintain Buy in view of continued higher oil prices, impending improved gas pricing and significant growth pipeline from ONGC as well as OVL.

| QUARTERLY PERFORmANCE (Standalone) |  |  |  |  |  |  |  |  | (RS BILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 146.0 | 140.7 | 155.6 | 124.0 | 136.9 | 144.8 | 140.0 | 142.0 | 566.3 | 563.6 |
| Change (\%) | 34.3 | 11.0 | 24.8 | 4.2 | -6.3 | 2.9 | -10.1 | 14.5 | 18.2 | -0.5 |
| Raw Material and Purchases | 17.5 | 17.0 | 15.4 | 13.4 | 13.6 | 15.2 | 14.7 | 14.9 | 63.3 | 58.4 |
| Statutory Levies | 31.1 | 29.8 | 30.6 | 28.4 | 29.0 | 30.3 | 29.1 | 28.3 | 119.9 | 116.7 |
| Employee Costs | 3.0 | 3.2 | 5.0 | 6.0 | 2.5 | 2.8 | 3.1 | 3.7 | 17.2 | 12.1 |
| Other Exp (incl Stock Adj) | 13.3 | 17.2 | 15.5 | 22.4 | 12.6 | 11.6 | 11.6 | 11.6 | 68.5 | 47.3 |
| EBITDA | 81.1 | 73.4 | 89.1 | 53.7 | 79.2 | 84.9 | 81.5 | 83.5 | 297.3 | 329.2 |
| \% of Net Sales | 55.5 | 52.2 | 57.2 | 43.3 | 57.9 | 58.6 | 58.2 | 58.8 | 52.5 | 58.4 |
| Change (\%) | 32.8 | 2.6 | 21.0 | -20.1 | -2.3 | 15.6 | -8.5 | 55.5 | 8.7 | 10.7 |
| Depreciation | 22.3 | 18.5 | 25.6 | 28.6 | 17.5 | 18.2 | 18.8 | 19.7 | 95.0 | 74.3 |
| Interest | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.0 | 0.2 | 0.2 |
| Other Income | 4.2 | 9.4 | 7.0 | 16.0 | 8.4 | 6.2 | 6.2 | 6.2 | 36.6 | 27.0 |
| PBT | 63.0 | 64.3 | 70.5 | 41.0 | 70.0 | 72.8 | 68.9 | 70.0 | 238.8 | 281.6 |
| Tax | 21.8 | 19.5 | 23.8 | 15.2 | 23.9 | 24.9 | 23.5 | 23.9 | 80.3 | 96.3 |
| Rate (\%) | 34.6 | 30.4 | 33.8 | 37.0 | 34.2 | 34.2 | 34.2 | 34.2 | 33.6 | 34.2 |
| PAT | 41.2 | 44.8 | 46.7 | 25.8 | 46.1 | 47.9 | 45.3 | 46.0 | 158.5 | 185.3 |
| Change (\%) | 24.1 | 8.2 | 20.0 | 5.7 | 11.9 | 6.9 | -2.9 | 78.2 | 14.9 | 16.9 |
| Reported PAT | 41.2 | 41.7 | 46.7 | 26.8 | 46.1 | 47.9 | 45.3 | 46.0 | 156.4 | 185.3 |

E: MOSt Estimates
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## Reliance Industries

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | RIL IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | RELI.BO |


| Equity Shares (m) | $1,453.3$ |
| :--- | ---: |
| 52-Week Range | $2,426 / 1,138$ |
| 1,6,12 Rel. Perf. (\%) | $6 / 36 / 57$ |
| M.Cap. (Rs b) | $3,337.1$ |
| M.Cap. (US\$ b) | 83.8 |


| 28 September 2007 Buy |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  | Rs 2,296 |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | net sales <br> (RS B) | $\begin{aligned} & \text { PAT } \\ & (\text { RS B) } \end{aligned}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | EpS GROWTH (\%) | $\begin{aligned} & \text { P/E } \\ & (\mathrm{X}) \end{aligned}$ | $\mathrm{P} / B V$ (X) | roe <br> (\%) | ROCE (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ | $\mathrm{EV} /$ EBITDA |
| 3/07A | 1,116.9 | 119.4 | 82.2 | 26.3 | 27.9 | 4.9 | 22.1 | 18.9 | 3.2 | 17.7 |
| 3/08E | 1,175.1 | 133.7 | 92.0 | 11.9 | 25.0 | 4.2 | 19.5 | 17.0 | 3.0 | 16.2 |
| 3/09E | 1,091.7 | 152.9 | 97.2 | 5.7 | 23.6 | 3.4 | 17.3 | 15.1 | 3.4 | 16.5 |

Includes IPCL from FY07
\& We expect net profit of Rs 35.6 b v/s Rs 30.6b (RIL+IPCL), up $16 \%$ YoY, and Rs 36b for 1QFY08, down $1 \%$ QoQ.
\& Post the approval of merger scheme with IPCL, we expect RIL to report numbers only for the merged entity. RIL's stand-alone reported profit was Rs 27 b in 2QFY07 and Rs 32.6 b in 1QFY08.
\& Though average Singapore refining margins in 1QFY08 at US\$6.4/bbl have declined significantly compared to 1QFY08 (US\$9.5/bbl), the margins are $35 \%$ higher than US $\$ 4.75 / \mathrm{bbl}$ in 2QFY07. We expect RIL to report GRM s of US $\$ 12.2 /$ $\mathrm{bbl} \mathrm{v/s} \mathrm{US} \mathrm{\$ 9.1/bbl} \mathrm{in} \mathrm{2QFY07} \mathrm{and} \mathrm{US} \mathrm{\$ 15.4/bbl} \mathrm{in} \mathrm{1QFY08}$.

* The QoQ decline in refining margins will be to a large extent compensated by continued recovery in petrochemical chain. On the polymer front, the prices continue to remain firm and saw $4 \%$ QoQ increase. Similarly, on polyester front, the prices continue to firm up backed by recovery in cotton prices.
\& Apart from core business, RIL's share performance will be driven largely by more updates on E\&P front both on its exploration succcess, reserve accretion as well as progress on KG-D6 development. Value will also be driven by progress on RPL refinery and Reliance Retail.
\& The stock trades at a P/E of 23.6x FY09E and 12.2x FY10E. We maintain Buy.

| QUARTERLY P |  |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07* | FY07 | FY08E |
|  | 1Q | 2 Q | 30 | 4Q | 1 Q | 2QE | 3QE | 4QE |  | audited |  |
| Net Sales | 275,400 | 315,220 | 295,280 | 289,020 | 308,290 | 309,998 | 283,989 | 272,853 | 1,174,920 | 1,116,930 | 1,175,130 |
| Change (\%) | 54.9 | 52.2 | 62.5 | 17.8 | 11.9 | -1.7 | -3.8 | -5.6 | 44.7 | 37.5 | 5.2 |
| Raw Material Consumed | 191,960 | 231,050 | 210,120 | 201,470 | 220,700 | 232,112 | 209,563 | 193,563 | 834,600 | 780,380 | 855,938 |
| Staff Cost | 4,570 | 4,050 | 4,120 | 8,193 | 4,950 | 4,648 | 4,648 | 4,648 | 20,933 | 20,940 | 18,895 |
| Other Expenses | 30,910 | 28,100 | 27,140 | 30,230 | 25,160 | 15,663 | 17,023 | 22,260 | 116,380 | 115,150 | 80,106 |
| EBITDA | 47,960 | 52,020 | 53,900 | 49,127 | 57,480 | 57,574 | 52,755 | 52,382 | 203,007 | 200,460 | 220,191 |
| \% of Net Sales | 17.4 | 16.5 | 18.3 | 17.0 | 18.6 | 18.6 | 18.6 | 19.2 | 17.3 | 17.9 | 18.7 |
| Change (\%) | NM | NM | NM | NM | 19.8 | 10.7 | -2.1 | 6.6 | 42.0 | 40.2 | 9.8 |
| Depreciation | 10,390 | 11,530 | 12,060 | 11,700 | 10,920 | 12,706 | 13,255 | 13,156 | 45,680 | 48,150 | 50,038 |
| Interest | 3,170 | 3,150 | 3,250 | 3,070 | 3,140 | 3,462 | 3,462 | 3,462 | 12,640 | 11,890 | 13,525 |
| Other Income | 1,060 | 1,400 | 1,160 | 1,350 | 2,020 | 1,448 | 1,448 | 1,448 | 4,970 | 4,780 | 6,363 |
| PBT | 35,460 | 38,740 | 39,750 | 35,707 | 45,440 | 42,854 | 37,486 | 37,211 | 149,657 | 145,200 | 162,991 |
| Tax | 7,410 | 8,140 | 7,710 | 6,060 | 9,440 | 7,285 | 6,373 | 6,241 | 29,320 | 25,770 | 29,338 |
| Rate (\%) | 20.9 | 21.0 | 19.4 | 17.0 | 20.8 | 17.0 | 17.0 | 16.8 | 19.6 | 17.7 | 18.0 |
| Adjusted PAT | 28,050 | 30,600 | 32,040 | 29,647 | 36,000 | 35,569 | 31,114 | 30,971 | 120,337 | 119,430 | 133,653 |
| Change (\%) | NM | NM | NM | NM | 28.3 | 16.2 | -2.9 | 4.5 | 32.7 | 31.7 | 11.9 |
| Extra-ordinary Items | 0 | 0 | 0 | -937 | 0 | 0 | 0 | 0 | -937 | 0 | 0 |
| Reported PAT | 28,050 | 30,600 | 32,040 | 28,710 | 36,000 | 35,569 | 31,114 | 30,971 | 119,400 | 119,430 | 133,653 |

$\overline{E: ~ M O S t ~ E s t i m a t e s ; ~ * ~ F o r ~ a l l ~} 4$ quarters of FY07 and 1QFY08, we have added RIL \& IPCL's reported numbers line by line; RIL has published audited nos. for merged RIL+IPCL for FY07.

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# Pharmaceuticals 

BSE Sensex: 17,291
28 September 2007

| COMPANY NAME | PG. |
| :--- | :---: |
| Aurobindo Pharma | 211 |
| Aventis Pharma | 212 |
| Biocon | 213 |
| Cadila Healthcare | 214 |
| Cipla | 215 |
| Dishman Pharma | 216 |
| Divi's Laboratories | 217 |
| Dr Reddy's Labs. | 218 |
| GSK Pharma | 219 |
| Jubilant Organosys | 220 |
| Lupin | 221 |
| Nicholas Piramal | 222 |
| Pfizer | 223 |
| Ranbaxy Labs. | 224 |
| Shasun Chemicals | 225 |
| Sun Pharmaceuticals | 226 |
| Wockhardt | 227 |

## Higher base, stronger rupee to drag down bottom-line growth

M OSt Pharma Universe sales growth for 2QFY08 is likely to be tempered to $6.5 \%$ Yo Y, mainly due to higher base effect resulting from one-time opportunities last year and rupee appreciation. The big-3 generics companies (by sales) are likely to report $13 \%$ de-growth in topline mainly due to $38 \%$ sales decline for Dr Reddy's Labs due to absence of authorized generic revenues (which contributed Rs 7.8 b to 2QFY07 sales). Other Indian companies are expected to record $28.4 \%$ topline growth, led mainly by commercialization of their product pipeline and consolidation of acquired companies.

We expect MNC Pharma to report topline growth of just $4.1 \%$ (mainly due to the divestment of consumer healthcare business for Pfizer and animal healthcare business for GSK Pharma). Overall EBITDA margins for MOSt Pharma Universe are expected to decline by 87 bp Yo Y , as the big-3 generic companies report 343 bp margin decline on the high base of last year. Other Indian companies would witness margin expansion of 74bp. EBITDA margins for the MNC players are expected to improve by 50 bp to $29.2 \%$ led mainly by a 715 bp expansion for Pfizer (on low base of last year).

Overall, we expect MOSt Pharma Universe's PAT to grow just 2.2\% YoY, with MNC Pharma reporting growth of $4.4 \%$ YoY and other Indian Pharma group's PAT growing by $26.4 \%$. The big-3 generic companies are expected to record $24 \%$ PAT de-growth

| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) |
| Pharmaceuticals |  |  |  |  |  |  |  |
| Aurobindo Pharma | Sell | 5,897 | 22.9 | 1,002 | 45.1 | 711 | 30.0 |
| Aventis Pharma | Buy | 2,700 | 11.0 | 676 | -1.6 | 496 | -7.8 |
| Biocon | Buy | 2,923 | 17.4 | 796 | 20.8 | 539 | 18.8 |
| Cadila Health | Buy | 6,160 | 29.7 | 1,279 | 17.3 | 824 | 16.9 |
| Cipla | Neutral | 9,967 | 11.2 | 1,615 | -29.0 | 1,187 | -34.2 |
| Dishman Pharma | Buy | 1,815 | 55.2 | 349 | 42.0 | 216 | 28.5 |
| Divis Labs | Neutral | 2,100 | 30.1 | 772 | 77.6 | 600 | 91.9 |
| Dr Reddy's Labs | Buy | 12,391 | -38.2 | 2,168 | -48.6 | 1,472 | -47.4 |
| GSK Pharma | Buy | 4,147 | 4.4 | 1,331 | 3.7 | 1,004 | 1.3 |
| Jubiliant Organosys | Buy | 6,117 | 31.3 | 1,105 | 37.9 | 848 | 55.9 |
| Lupin | Neutral | 6,502 | 33.1 | 1,298 | 70.2 | 966 | 86.3 |
| Nicholas Piramal | Buy | 6,983 | 6.7 | 1,068 | -6.2 | 585 | -10.7 |
| Pfizer | Neutral | 1,651 | -6.4 | 415 | 30.8 | 335 | 46.6 |
| Ranbaxy Labs | Buy | 16,795 | 4.4 | 2,855 | 5.9 | 2,038 | 29.7 |
| Shasun Chemicals | Buy | 1,074 | 4.3 | 121 | -27.1 | 31 | -60.0 |
| Sun Pharma | Buy | 6,260 | 19.7 | 2,121 | 24.2 | 2,089 | 12.1 |
| Wockhardt | Neutral | 7,518 | 71.8 | 1,612 | 66.0 | 782 | 23.0 |
| Sector Aggregate |  | 100,999 | 6.5 | 20,585 | 2.2 | 14,721 | 2.2 |

mainly due to a $47 \%$ decline in PAT for Dr Reddy's and a $34 \%$ decline for Cipla. PAT for Ranbaxy and Sun Pharma would be boosted due to the translation gains on FCCB loans arising from currency appreciation. Top-line performance of MNCs is likely to be impacted by company-specific factors - divestment of animal healthcare business for GSK and proposed divestment of consumer healthcare business for Pfizer.

## Pressure on global healthcare budgets and ageing population will ensure buoyant demand for generics

Globally, governments are under constant pressure to lower healthcare costs and to increase access to medicines. This is likely to result in more favorable legislation for generics globally, although it may result in lower generics prices in some markets. Generics will continue to see robust demand across markets, led by macroeconomic factors such as ageing population, pressure on global healthcare budgets, increasing penetration of generic drugs (particularly in some EU and semi-regulated markets) and patent expiries.

## 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 (e.g. Japan) are likely to encourage generics to reduce their healthcare costs. All this will ensure that generics volumes continue to expand further.

US generics 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 generics penetration in several European markets is extremely low. Barring Germany and the UK, generics 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 generics penetration of merely $5 \%$. This implies that as more drugs go off-patent in these markets and as respective governments enact favorable legislation, generics penetration in these markets is likely to improve significantly. The larger Indian generics 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, A sia, 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 generics markets, thus, resulting in better margins compared with the US generics market (GPM of about $60-70 \%$ compared with about $40-50 \%$ for the US). Indian generics 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).

## Consolidation to gain further steam ahead, risks of extended payback remain

 Intense price competition in the traditional generics market of the US and UK has forced most generics players to expand geographically and also focus on backward integration. This has led to a big consolidation wave in the global generics 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 generics assets are extremely demanding, implying that inorganic growth for Indian players is likely to arise at the cost of extended paybacks of 8-10 years.
## Cost structures are being re-aligned/de-risked

To counter the pricing pressure in regulated markets, Indian generics 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). Ranbaxy is a typical example of this approach. Dr Reddy's Labs has de-risked its R\&D and fixed costs by resorting to external funding and partnering with private equity investors. Sun Pharma has demerged its NCE/NDDS research. Nicholas Piramal is in the process of de-ris king its NCE/NDDS research by demerging this unit into a separate company with the potential of attracting partners at a future date.

## Which generics 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
5. Strong balance sheet

The table below indicates 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 <br> semi-regulated markets | Ranbaxy \& Cipla have a fairly <br> diversified geographical portfolio |
| Product Basket | Wide product basket <br> including various dosage <br> forms with some niche <br> products \& FTFs | The top four generic Indian players <br> have large product baskets. Other <br> Indian companies in the process of |
|  | Strong balance sheet to <br> widening their portfolios |  |
| manage litigation risks, | Amongst the leading players only Sun <br> acquisitions etc. | Pharma has the balance sheet strength <br> to fund large acquisitions without <br> significantly diluting equity capital |

Source: Motilal Oswal Securities

## 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, those 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 Dr Reddy's

We believe that markets are currently discounting the $97-99 \%$ price erosion in the US generics markets despite the fact that the sensitivity to US generics revenues is likely to decline (particularly for Ranbaxy and Dr Reddy's) 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 outsourcing to reduce costs. We believe that India could be 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 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 back to establish their presence in the CRAMS space. Failure/withdrawal of some large molecules, intense generics competition and low $\mathrm{R} \& \mathrm{D}$ productivity (at the customer's end) has adversely impacted most of the 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 CRAMS players at very reasonable valuations ( $0.5-1 \mathrm{x}$ sales).

Topline growth is imperative for turnaround of acquired CRAMS companies 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 any significant room to cut costs further.

## Turnaround may be achieved faster than anticipated

We are positively surprised by the increased business traction in the acquired CRAMS companies. Increased order-flow coupled with a positive outsourcing stance (by the innovator pharmaceutical companies) is helping CRAMS players to gain increased traction in the custom manufacturing business. Carbogen-AMCIS, Avecia and Shasun's UK units are all witnessing better topline growth. We believe that this is likely to shorten the turnaround time for these companies (mainly for Avecia and Shasun).

## New Pharma Policy: uncertainty continues

The outlook on the New Pharmaceutical 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 ironed 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 the 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 the 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.

## Domestic market - showing double-digit growth

The domestic formulations industry has maintained its double-digit growth trajectory at 13.4\% (on MAT basis) for August 2007. While the growth has been primarily driven by higher volumes, we also note that the industry is witnessing a positive price contribution (about 1-2\%).

** Upto August 2007
Source: CRISINFAC/ORG IMS

## Outlook

## Generics

We believe that the worst is over for Indian generics companies and expect gradual improvement in their performance over the next two years. CY05-CY06 were the worst years for generics mainly due to:
8. 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 de-listing, and defending IPRs vigorously.

2. Twin impact of intense competition and very few new launches due to lesser number of patent expiries.

## \& What has changed?

\& CY07-CY09 to witness patent expiry worth over US\$30b leading to more new launches - takes care of one of key impediments for generics
\& Pricing to remain intensely competitive due to entry of more players and government pressures - however, significant price deterioration unlikely as generic prices are already at $1-3 \%$ of innovator price
25 Expect more consolidation as generics gain scale and expand geographical reach
\& Indian generics companies have initiated cost-cutting measures (including R\&D hive-off)
\& Generics and innovators adopting a more pragmatic stance on patent litigations leading to out-of-court settlements.
\& Governments worldwide trying to reduce healthcare costs - expect regulation to remain favorable

Our top picks in the generics space are Ranbaxy and Sun Pharma.

## 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. Our top picks among MNCs are Aventis and GSK Pharma.

## CRAMS

We also believe that the Indian contract-manufacturing segment will see secular growth (given India's advantages) with the financial impact visible from FY09 onwards. We remain favorably inclined towards CRAMS players like Nicholas Piramal and Shasun Chemicals.

TREND IN GROWTH / PROFITABILITY OF DIFFERENT SEGMENTS OF THE INDUSTRY (J ULY-SEPTEMBER QUARTER)

| INQUIRE PHARMA UNIVERSE AGGREGATES | YOY GROWTH (\%) |  |  |  | EBITDA MARGIN (\%) |  |  | NET PROFIT MARGIN (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | SALES | EBITDA | ADJ | PAT | SEP' 07 | SEP' 06 | CHG (BP) | SEP' 07 | SEP' 06 | CHG (BP) |
| MNC Pharma (Aventis, GSK Pharma, Pfizer) | 4.1 | 5.9 |  | 4.4 | 28.5 | 28.0 | 50 | 21.6 | 21.5 | 7 |
| Indian Big-3 (Cipla, DRL, Ranbaxy) * | -13.2 | -27.8 |  | -23.9 | 17.0 | 20.4 | -343 | 12.0 | 13.7 | -169 |
| Other Indian Pharma | 28.4 | 32.9 |  | 26.4 | 21.6 | 20.9 | 74 | 15.4 | 15.6 | -24 |
| Sector Aggregate | 6.5 | 2.2 |  | 2.2 | 20.4 | 21.3 | -87 | 14.6 | 15.2 | -62 |

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 | -24 | -4 | -43 | -43 | -20 | -7 |
| Aventis Pharma | -19 | -27 | -38 | -67 | -15 | -31 |
| Biocon | 6 | 26 | -13 | -13 | 9 | 23 |
| Cadila Health | -17 | -4 | -36 | -43 | -14 | -7 |
| Cipla | -10 | -31 | -29 | -71 | -7 | -34 |
| Dishman Pharma | -5 | 50 | -24 | 10 | -2 | 46 |
| Divis Labs | 4 | 187 | -16 | 147 | 7 | 184 |
| Dr Reddy's Labs | -1 | -10 | -20 | -50 | 2 | -13 |
| GSK Pharma | -14 | -10 | -34 | -49 | -11 | -13 |
| Jubiliant Organosys | 1 | 53 | -19 | 13 | 4 | 50 |
| Lupin | -19 | 27 | -38 | -13 | -16 | 24 |
| Nicholas Piramal | -2 | 21 | -21 | -19 | 1 | 18 |
| Pfizer | -13 | -22 | -33 | -62 | -10 | -26 |
| Ranbaxy Labs | 25 | 1 | 6 | -39 | 28 | -2 |
| Shasun Chemicals | -39 | 9 | -58 | -31 | -36 | 5 |
| Sun Pharma | -5 | 5 | -24 | -35 | -2 | 1 |
| Wockhardt | 9 | 5 | -10 | -35 | 12 | 1 |

RELATIVE PERFORMACE - 3 MONTHS (\%)
RELATIVE PERFORMANCE - 1 YEAR (\%)


| COMPARATIVE VALUATION |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} \hline \text { CMP (RS) } \\ 28.9 .07 \end{array}$ | Reco | EPS (RS) |  |  | P/E (X) |  |  | EV/Ebitda |  |  | ROE (\%) |  |  |
|  |  |  | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E | FY07 | FY08E | FY09E |
| Pharmaceuticals |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Aurobindo Pharma | 602 | Sell | 29.4 | 45.5 | 53.7 | 20.5 | 13.2 | 11.2 | 15.6 | 9.3 | 7.8 | 22.7 | 26.3 | 23.9 |
| Aventis Pharma | 1,166 | Buy | 73.5 | 72.3 | 89.1 | 15.9 | 16.1 | 13.1 | 10.4 | 10.4 | 7.7 | 28.6 | 24.0 | 24.8 |
| Biocon | 473 | Buy | 20.0 | 24.1 | 28.5 | 23.7 | 19.6 | 16.6 | 17.0 | 13.8 | 11.2 | 18.7 | 15.4 | 16.0 |
| Cadila Health | 311 | Buy | 18.7 | 21.3 | 26.3 | 16.7 | 14.6 | 11.8 | 11.7 | 9.3 | 7.6 | 30.0 | 27.6 | 27.5 |
| Cipla | 182 | Neutral | 8.6 | 7.2 | 9.1 | 21.2 | 25.3 | 20.1 | 17.5 | 18.6 | 15.8 | 20.7 | 15.2 | 16.7 |
| Dishman Pharma | 291 | Buy | 11.0 | 13.8 | 16.8 | 26.5 | 21.1 | 17.4 | 26.0 | 18.3 | 14.7 | 35.4 | 30.6 | 28.7 |
| Divis Labs | 1,217 | Neutral | 29.7 | 41.1 | 50.7 | 40.9 | 29.6 | 24.0 | 32.5 | 23.8 | 19.2 | 43.5 | 40.9 | 37.0 |
| Dr Reddy's Labs | 649 | Buy | 55.5 | 36.5 | 41.6 | 11.7 | 17.8 | 15.6 | 7.9 | 13.3 | 11.4 | 22.4 | 13.3 | 13.6 |
| GSK Pharma | 1,112 | Buy | 42.7 | 42.9 | 46.7 | 26.0 | 25.9 | 23.8 | 17.3 | 17.3 | 15.4 | 30.3 | 23.2 | 22.1 |
| Jubiliant Organosys | - 312 | Buy | 12.4 | 21.1 | 19.1 | 25.2 | 14.8 | 16.3 | 16.5 | 11.9 | 9.5 | 26.4 | 33.6 | 22.6 |
| Lupin | 586 | Neutral | 35.0 | 36.6 | 39.2 | 16.8 | 16.0 | 14.9 | 17.8 | 12.0 | 11.5 | 41.3 | 32.1 | 27.3 |
| Nicholas Piramal | 281 | Buy | 11.0 | 13.1 | 16.2 | 25.6 | 21.5 | 17.4 | 19.5 | 14.8 | 12.1 | 23.1 | 23.2 | 23.8 |
| Pfizer | 715 | Neutral | 40.5 | 45.0 | 40.1 | 17.6 | 15.9 | 17.9 | 11.1 | 9.0 | 10.4 | 27.5 | 18.6 | 15.2 |
| Ranbaxy Labs | 434 | Buy | 13.4 | 19.5 | 19.8 | 32.3 | 22.3 | 22.0 | 21.0 | 19.3 | 14.2 | 20.9 | 26.2 | 23.5 |
| Shasun Chemicals | 90 | Buy | -0.6 | 9.2 | 12.6 | -142.7 | 9.9 | 7.2 | 7.9 | 8.6 | 5.9 | 19.8 | 13.7 | 17.4 |
| Sun Pharma | 966 | Buy | 37.9 | 41.6 | 51.0 | 25.5 | 23.2 | 18.9 | 27.0 | 18.4 | 14.6 | 35.9 | 22.8 | 20.3 |
| Wockhardt | 417 | Neutral | 22.3 | 23.9 | 27.4 | 18.7 | 17.4 | 15.2 | 13.9 | 10.8 | 9.1 | 28.3 | 24.0 | 22.6 |
| Sector Aggregate |  |  |  |  |  | 21.1 | 19.4 | 17.0 | 16.6 | 15.0 | 12.4 | 25.6 | 21.7 | 20.6 |

## Aurobindo Pharma

| Stock info. BLod | bloomberg |
| :---: | :---: |
| BSE Sensex: 17,291 A | 1 ARBP IN |
|  | Reuters code |
| S\&P CNX: 5,021 A | ARbN.BO |
| Equity Shares (m) | 53.3 |
| 52-Week Range | 820/536 |
| 1,6,12 Rel. Perf. (\%) | -15/-42/-43 |
| M.Cap. (Rs b) | 32.1 |
| M.Cap. (US\$ b) | 0.8 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Sell <br> Rs 602 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Sell |  |  |  |  |  |  |  |  |  |  |
| 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 | 21,229 | 2,010 | 29.4 | 262.0 | 20.5 | 3.6 | 22.7 | 8.3 | 2.2 | 15.6 |
| 3/08E | 26,921 | 3,112 | 45.5 | 54.8 | 13.2 | 2.7 | 26.3 | 12.2 | 1.6 | 9.3 |
| 3/09E | 31,101 | 3,678 | 53.7 | 18.2 | 11.2 | 2.1 | 23.9 | 12.4 | 1.4 | 7.8 |

* Consolidated results

25 We expect sales to grow $23 \%$ YoY to Rs 5.9 on account of improved traction in Pen-G based business, incremental contribution from USA, and higher ARV sales. EBITDA margins would expand 260bp to $17 \%$ due to improvement in market and product mix.

* Prices of Pen-G and related downstream products have increased in the past few quarters due to closure of some Pen-G facilities in China. We expect Aurobindo to benefit from the price increase due to access to captive Pen-G at its China unit.
\& While the company has aggressively ramped up its filings in the regulated markets, we believe that being a late entrant it would have to play the price game to gain market share. Aurobindo is currently in an investment mode as far as some of the European markets are concerned. Recovery in the Pen-G cycle should benefit the company's legacy business in the short-term. The stock is currently valued at 13.2 FY08E and $11.2 x$ FY09E earnings. We maintain Sell.
\& Our quarterly estimates are standalone, while annual estimates are on a consolidated basis.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 30 | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 4,141 | 4,800 | 5,284 | 5,572 | 4,800 | 5,897 | 6,322 | 7,298 | 19,797 | 24,317 |
| YoY Change (\%) | 47.6 | 50.2 | 29.2 | 20.3 | 15.9 | 22.9 | 19.7 | 31.0 | 34.5 | 22.8 |
| Total Expenditure | 3,483 | 4,109 | 4,499 | 4,920 | 4,260 | 4,894 | 5,216 | 5,812 | 17,011 | 20,183 |
| EBITDA | 659 | 691 | 785 | 652 | 539 | 1,002 | 1,106 | 1,486 | 2,786 | 4,134 |
| Margins (\%) | 15.9 | 14.4 | 14.9 | 11.7 | 11.2 | 17.0 | 17.5 | 20.4 | 14.1 | 17.0 |
| Depreciation | 143 | 150 | 163 | 263 | 174 | 185 | 200 | 232 | 718 | 791 |
| Interest | 70 | 202 | 197 | 30 | 158 | 160 | 170 | 133 | 187 | 621 |
| Other Income | 60 | 267 | 263 | 152 | 444 | 150 | 60 | -23 | 431 | 631 |
| PBT | 506 | 606 | 688 | 511 | 651 | 807 | 796 | 1,098 | 2,312 | 3,353 |
| Tax | 7 | 48 | 52 | -68 | 73 | 97 | 96 | 152 | 39 | 410 |
| Deferred Tax | 137 | 12 | 44 | -234 | -8 | 0 | 0 | 0 | -41 | -8 |
| Rate (\%) | 28.5 | 9.8 | 14.0 | -58.9 | 10.0 | 12.0 | 12.0 | 13.9 | -0.1 | 12.0 |
| PAT | 362 | 546 | 601 | 781 | 586 | 711 | 701 | 945 | 2,291 | 2,950 |
| Adjusted PAT | 362 | 546 | 592 | 781 | 586 | 711 | 701 | 945 | 2,263 | 2,950 |
| YoY Change (\%) | 1,701.5 | 1,401.1 | 126.0 | 108.1 | 61.8 | 30.0 | 18.4 | 21.0 | 226.2 | 30.4 |
| Margins (\%) | 8.7 | 11.4 | 11.2 | 14.0 | 12.2 | 12.0 | 11.1 | 13.0 | 11.4 | 12.1 |

## E: MOSt Estimates

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# Aventis Pharma 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | HOEC IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | HOEC.BO |


| Equity Shares (m) | 23.0 |
| :--- | ---: |
| 52-Week Range | $1,886 / 1,152$ |
| 1,6,12 Rel. Perf. (\%) | $-21 /-37 /-67$ |
| M.Cap. (Rs b) | 26.9 |
| M.Cap. (US\$ b) | 0.7 |



* Standalone results
* We expect sales to grow $11 \%$ YoY to Rs 2.7 b, aided by higher growth of $12.7 \%$ in the domestic portfolio while exports are likely to grow $6.5 \%$ (on a low base of 3QCY06). Its parent has commenced sourcing more products from Aventis Pharma and has identified it as a global sourcing base for some of its patent-expired products like Paracetamol.
* EBITDA margins are likely to decline 321 bp YoY to $25.1 \%$ due to higher contribution from mature brand like Combiflam and higher expenses related to increasing penetration in non-urban areas.
\& PAT is expected to record $7.8 \%$ de-growth due to lower EBITDA margins and reduced other income. Higher tax rates are also likely to adversely impact the bottom-line.
\& We believe that Aventis Pharma 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 CY10. We continue to remain positive on the company's long-term prospects. We believe that at 13.1x CY08E earnings, valuations are not demanding. We maintain Buy.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/e december | CY06 |  |  |  | CY07 |  |  |  | CY06 | CY07E |
|  | 10 | 2 Q | 3 Q | 4Q | 1 Q | 2 Q | 3QE | 4QE |  |  |
| Net Sales | 2,005 | 2,228 | 2,431 | 2,176 | 2,129 | 2,302 | 2,700 | 2,349 | 8,840 | 9,480 |
| YoY Change (\%) | 16.2 | 4.4 | 8.8 | 11.2 | 6.2 | 3.3 | 11.0 | 8.0 | 9.4 | 7.2 |
| Total Expenditure | 1,513 | 1,609 | 1,744 | 1,749 | 1,635 | 1,857 | 2,023 | 1,859 | 6,633 | 7,375 |
| EBITDA | 492 | 619 | 687 | 427 | 494 | 445 | 676 | 490 | 2,207 | 2,105 |
| Margins (\%) | 24.5 | 27.8 | 28.3 | 19.6 | 23.2 | 19.3 | 25.1 | 20.9 | 25.0 | 22.2 |
| Depreciation | 43 | 42 | 43 | 51 | 45 | 47 | 47 | 56 | 179 | 195 |
| Interest | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 |
| Other Income | 96 | 90 | 156 | 111 | 200 | 182 | 123 | 110 | 471 | 615 |
| PBT | 545 | 666 | 800 | 486 | 649 | 580 | 753 | 544 | 2,497 | 2,526 |
| Tax | 176 | 227 | 262 | 139 | 216 | 207 | 257 | 182 | 804 | 862 |
| Effective tax Rate (\%) | 32.3 | 34.1 | 32.8 | 28.6 | 33.3 | 35.7 | 34.1 | 33.4 | 32.2 | 34.1 |
| Reported PAT | 369 | 439 | 538 | 347 | 433 | 373 | 496 | 363 | 1,693 | 1,664 |
| Adj PAT | 369 | 439 | 538 | 347 | 433 | 373 | 496 | 363 | 1,693 | 1,664 |
| YoY Change (\%) | 56.4 | 28.4 | 8.2 | -7.7 | 17.3 | -15.0 | -7.8 | 4.5 | 16.7 | -1.7 |
| Margins (\%) | 18.4 | 19.7 | 22.1 | 15.9 | 20.3 | 16.2 | 18.4 | 15.4 | 19.2 | 17.6 |

[^8]| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | BIOS IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | BION.BO |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 473 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 9,863 | 2,002 | 20.0 | 15.1 | 23.7 | 4.4 | 18.7 | 17.0 | 4.9 | 17.0 |
| 3/08E | 11,603 | 2,410 | 24.1 | 20.4 | 19.6 | 3.0 | 15.4 | 13.7 | 3.9 | 13.8 |
| 3/09E | 13,268 | 2,855 | 28.5 | 18.4 | 16.6 | 2.7 | 16.0 | 14.9 | 3.4 | 11.2 |

\& We expect Biocon's 2QFY08 sales to grow $17.4 \%$ YoY to Rs 2.9 b, led by statins supplies to the US and continued momentum in contract research services.

* EBITDA margins are likely to expand 80bp YoY to $27.2 \%$ due to contribution from statins sales for US markets and continuing traction in contract research services. Margin expansion is, however, likely to be tempered due to currency appreciation.
* Higher depreciation (up $27 \% \mathrm{YoY}$ ) and higher interest cost (up $62 \% \mathrm{YoY}$ ) on account of commencement of new facility is likely to restrict PAT growth at $18.8 \%$ YoY to Rs 539 m .
* Biocon has recently proposed divestment of its enzymes business to Novozymes for US $\$ 115 \mathrm{~m}$. Since the sale is expected to be effective from 3QFY08, our estimates include the revenues from the enzymes business.
* While some of Biocon's initiatives look promising, as of now, they offer poor visibility. The stock currently trades at 19.6x FY08E and 16.6x FY09E 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 US FDA. In the interim, Biocon's initiatives in the Insulin space are likely to be key growth drivers. We maintain Buy.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 30 | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 2,120 | 2,490 | 2,470 | 2,782 | 2,710 | 2,923 | 2,946 | 3,023 | 9,862 | 11,603 |
| YoY Change (\%) | 21.9 | 24.2 | 24.0 | 29.8 | 27.8 | 17.4 | 19.3 | 8.7 | 25.1 | 17.6 |
| Total Expenditure | 1,577 | 1,831 | 1,693 | 1,925 | 1,945 | 2,127 | 2,114 | 2,164 | 7,022 | 8,351 |
| EBITDA | 544 | 659 | 777 | 857 | 765 | 796 | 832 | 859 | 2,840 | 3,252 |
| Margins (\%) | 25.6 | 26.5 | 31.5 | 30.8 | 28.2 | 27.2 | 28.2 | 28.4 | 28.8 | 28.0 |
| Depreciation | 109.7 | 177.5 | 182.8 | 195.3 | 216.4 | 225.0 | 230.0 | 245.0 | 665.3 | 916.4 |
| Interest | 16.7 | 21.6 | 21.6 | 34.5 | 27.5 | 35.0 | 40.0 | 43.5 | 94.5 | 146.0 |
| Other Income | 13.6 | 8.6 | 2.8 | 11.9 | 9.9 | 10.0 | 12.0 | 243.1 | 31.9 | 275.0 |
| PBT | 431 | 469 | 576 | 639 | 531 | 546 | 574 | 814 | 2,112 | 2,464 |
| Tax | 42 | 22 | 36 | 65 | 15 | 28 | 29 | 53 | 165 | 124 |
| Rate (\%) | 9.8 | 4.8 | 6.2 | 10.2 | 2.8 | 5.1 | 5.1 | 6.5 | 7.8 | 5.1 |
| Minority Interest | -5 | -7 | -20 | -33 | -14 | -20 | -20 | -16 | -63 | -70 |
| PAT | 394 | 453 | 560 | 607 | 530 | 539 | 565 | 777 | 2,010 | 2,410 |
| YoY Change (\%) | 1.8 | 4.1 | 27.7 | 26.9 | 34.5 | 18.8 | 0.8 | 27.9 | 15.5 | 19.9 |
| Margins (\%) | 18.6 | 18.2 | 22.7 | 21.8 | 19.6 | 18.4 | 19.2 | 25.7 | 20.4 | 20.8 |

$\overline{E: M O S t}$ Estimates
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# Cadila Healthcare 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | CDH IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | CADI.BO |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 311 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 18,288 | 2,343 | 18.7 | 43.5 | 16.7 | 4.5 | 29.9 | 24.1 | 2.3 | 12.0 |
| 3/08E | 23,228 | 2,678 | 21.3 | 14.3 | 14.6 | 3.6 | 27.6 | 23.6 | 1.8 | 9.7 |
| 3/09E | 27,328 | 3,309 | 26.3 | 23.5 | 11.8 | 2.9 | 27.5 | 24.1 | 1.5 | 8.0 |

* Cadila's 2QFY08 topline is expected to grow by $29.7 \%$ Yo Y to Rs 6.2 b , driven by $46 \%$ growth in exports and $22 \%$ growth in domestic business. Growth in the domestic formulations business is likely to recover to double-digits post the restructuring undertaken in FY07.
* EBITDA marg ins would decline 220bp to $20.8 \%$, mainly due to higher material and staff costs and currency appreciation. This coupled with higher interest cost (up $76 \% \mathrm{YoY}$ ) would restrict PAT growth at $17 \%$ to Rs 824 m .
* Cadila recently acquired Nikkho in Brazil for US\$26m (~1x ales and 8-9x EBITDA) giving it access to the branded generics market in Brazil. Nikkho currently has a portfolio of about 22 products across 13 brands and has a strong pipeline of products pending launch.
\& The stock trades at $14.6 x$ FY08E and $11.8 x$ FY09E consolidated earnings. Higher growth in the international business, turnaround in French operations, steady supplies to Altana coupled with a de-risked business model augur well for the company. Early loss of patent protection for Pantoprazole remains a key risk. We maintain Buy.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Net Revenues | 4,458 | 4,748 | 4,724 | 4,357 | 5,722 | 6,160 | 5,916 | 5,431 | 18,288 | 23,228 |
| YoY Change (\%) | 19.5 | 27.3 | 27.8 | 25.9 | 28.4 | 29.7 | 25.2 | 24.6 | 23.2 | 27.0 |
| Total Expenditure | 3,560 | 3,658 | 3,901 | 3,646 | 4,610 | 4,881 | 4,811 | 4,525 | 14,767 | 18,826 |
| EBITDA | 898 | 1,090 | 823 | 711 | 1,112 | 1,279 | 1,105 | 906 | 3,521 | 4,402 |
| Margins (\%) | 20.1 | 23.0 | 17.4 | 16.3 | 19.4 | 20.8 | 18.7 | 16.7 | 19.3 | 19.0 |
| Depreciation | 197 | 213 | 212 | 200 | 239 | 250 | 250 | 284 | 823 | 1,023 |
| Interest | 69 | 54 | 49 | 52 | 73 | 95 | 95 | 113 | 223 | 376 |
| Other Income | 49 | 3 | 0 | 15 | 94 | 3 | 30 | 0 | 264 | 40 |
| PBT before EO Income | 681 | 826 | 562 | 474 | 894 | 937 | 790 | 510 | 2,739 | 3,043 |
| EO Exp/(lnc) | 0 | 0 | -196 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PBT after EO Income | 681 | 826 | 758 | 474 | 894 | 937 | 790 | 510 | 2,739 | 3,043 |
| Tax | 76 | 100 | 98 | 50 | 121 | 112 | 95 | 37 | 324 | 365 |
| Rate (\%) | 11.2 | 12.1 | 12.9 | 10.5 | 13.5 | 12.0 | 12.0 | 7.3 | 11.8 | 12.0 |
| Minority Int/Adj on Consol | 21 | 21 | 1 | 35 | 34 | 0 | 0 | 0 | 77 | 0 |
| Reported PAT | 584 | 705 | 659 | 389 | 739 | 824 | 695 | 473 | 2,338 | 2,678 |
| Adj PAT | 584 | 705 | 488 | 389 | 739 | 824 | 695 | 473 | 2,338 | 2,678 |
| YoY Change (\%) | 47.2 | 38.8 | 18.4 | 13.0 | 26.5 | 16.9 | 42.4 | 21.5 | 40.7 | 14.6 |
| Margins (\%) | 13.1 | 14.8 | 10.3 | 8.9 | 12.9 | 13.4 | 11.8 | 8.7 | 12.8 | 11.5 |

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 K Gandhi (Jinesh@MotilalOswal.com); Tel +91 2239825416

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | CIPLA IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | CIPL.BO |


| Equity Shares (m) | 777.3 |
| :--- | ---: |
| 52-Week Range | $275 / 160$ |
| 1,6,12 Rel. Perf. (\%) | $-9 /-57 /-71$ |
| M.Cap. (Rs b) | 141.8 |
| M.Cap. (US\$ b) | 3.6 |

28 September 2007

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | $\begin{gathered} \text { Rs } 182 \\ \hline \begin{array}{c} \text { EV/ } \\ \text { EBITDA } \end{array} \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | EPS <br> (RS) | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{aligned} & \mathrm{P} / \mathrm{E} \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \mathrm{P} / \mathrm{BV} \\ (\mathrm{X}) \\ \hline \end{gathered}$ | ROE <br> (\%) | ROCE <br> (\%) | EV/ SALES |  |
| 03/07A | 35,618 | 6,679 | 8.6 | 5.9 | 21.2 | 4.4 | 20.7 | 23.7 | 4.0 | 17.5 |
| 03/08E | 40,062 | 5,596 | 7.2 | -16.1 | 25.3 | 3.9 | 15.2 | 17.2 | 3.6 | 18.6 |
| 03/09E | 45,989 | 7,059 | 9.1 | 25.9 | 20.1 | 3.3 | 16.7 | 18.0 | 3.1 | 15.8 |

8. Cipla's 2QFY08 revenues are likely to grow $11 \%$ YoY to Rs 9.9 b, with both the domestic portfolio and exports growing by about $11 \%$ each. The company had booked Sertraline sales in the US in 2QFY07, leading to a higher base.
\& EBITDA margins are expected to decline by 920 bp to $16.2 \%$ mainly due to lower sales to regulated markets and currency appreciation. Higher material costs (up $28 \% \mathrm{Yo}$ ) and staff costs (up 25\% Yo Y) are also likely to impact EBITDA margins.
\& PAT is expected to de-grow by $34 \%$ to Rs 1.1 b due to the significant margin erosion and higher depreciation of new facilities which are currently not fully utilized.
\& Cipla has one of the strongest generics pipelines, with tie-ups for 108 products for the US (across 10 partners). The company is spending significant amount (about Rs 19b) in expanding 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. At 25.3x FY08E and 20.1x FY09E EPS, we maintain our Neutral recommendation.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4 Q | $1 Q$ | 2QE | 3QE | 4QE |  |  |
| Net Sales | 8,636 | 8,961 | 8,805 | 9,319 | 9,018 | 9,967 | 10,367 | 10,710 | 35,618 | 40,062 |
| YoY Change (\%) | 30.3 | 33.4 | 12.8 | 7.0 | 4.4 | 11.2 | 17.7 | 14.9 | 19.0 | 12.5 |
| Total Expenditure | 6,347 | 6,685 | 6,613 | 7,860 | 7,411 | 8,351 | 7,943 | 8,698 | 27,505 | 32,404 |
| EBITDA | 2,289 | 2,276 | 2,193 | 1,459 | 1,607 | 1,615 | 2,424 | 2,012 | 8,114 | 7,658 |
| Margins (\%) | 26.5 | 25.4 | 24.9 | 15.7 | 17.8 | 16.2 | 23.4 | 18.8 | 22.8 | 19.1 |
| Depreciation | 260 | 245 | 275 | 254 | 303 | 310 | 320 | 440 | 1,034 | 1,372 |
| Interest | 28 | 16 | 13 | 13 | 8 | 22 | 20 | 119 | 70 | 169 |
| Other Income | 220 | 190 | 261 | 397 | 185 | 200 | 250 | 243 | 1,068 | 878 |
| Profit before Tax | 2,220 | 2,205 | 2,166 | 1,590 | 1,482 | 1,483 | 2,334 | 1,696 | 8,078 | 6,995 |
| Tax | 516 | 403 | 322 | 159 | 284 | 297 | 467 | 352 | 1,400 | 1,399 |
| Rate (\%) | 23.2 | 18.3 | 14.9 | 10.0 | 19.2 | 20.0 | 20.0 | 20.7 | 17.3 | 20.0 |
| Reported PAT | 1,704 | 1,803 | 1,844 | 1,431 | 1,198 | 1,187 | 1,867 | 1,344 | 6,679 | 5,596 |
| YoY Change (\%) | 53.0 | 47.0 | 5.2 | -25.0 | -29.7 | -34.2 | 1.3 | -6.0 | 9.9 | -16.2 |
| Margins (\%) | 19.7 | 20.1 | 20.9 | 15.4 | 13.3 | 11.9 | 18.0 | 12.6 | 18.8 | 14.0 |

E: MOSt Estimates

## Dishman Pharma

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | DISH IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | DISH.BO |


| Equity Shares (m) | 81.6 |
| :--- | ---: |
| 52-Week Range | $350 / 188$ |
| 1,6,12 Rel. Perf. (\%) | $-12 / 3 / 10$ |
| M.Cap. (Rs b) | 23.8 |
| M.Cap. (US\$ b) | 0.6 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{array}{r} \text { Buy } \\ \text { Rs } 291 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |
| 03/07A | 5,750 | 893 | 11.0 | 94.1 | 26.5 | 6.6 | 35.4 | 15.6 | 5.0 | 26.0 |
| 03/08E | 8,035 | 1,121 | 13.8 | 25.6 | 21.1 | 5.1 | 30.6 | 15.0 | 3.7 | 18.3 |
| 03/09E | 9,735 | 1,364 | 16.8 | 21.6 | 17.4 | 3.9 | 28.7 | 15.5 | 3.0 | 14.7 |

* Dishman's 2QFY08 revenues are expected to grow $55 \%$ YoY to Rs 1.8 b , led by continued momentum in CRAMS business and consolidation of Carbogen-AMCIS acquisition.
\& EBITDA margins are expected to decline by 200 bp to $19.2 \%$ due to currency appreciation and consolidation of Carbogen-AMCIS acquisition.
\& Interest cost is likely to be significantly higher (Rs60m compared to Rs 38m for 2QFY07) due to increased borrowings to part-fund the Carbogen-AMCIS acquisition and capacity expansion. PAT should grow $28.5 \%$ Yo Y to Rs 216 m led by increased CRAMS revenues and consolidation of Carbogen-AMCIS acquisition.
* We believe that Dishman would 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 currently trades at 21.1x FY08E and 17.4x FY09E earnings. We maintain Buy.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 822 | 1,170 | 1,736 | 2,057 | 1,680 | 1,815 | 2,115 | 2,424 | 5,786 | 8,034 |
| YoY Change (\%) | 34.7 | 71.0 | 180.3 | 139.1 | 104.2 | 55.2 | 21.8 | 17.8 | 108.5 | 38.9 |
| Total Expenditure | 620 | 924 | 1,248 | 1,842 | 1,406 | 1,466 | 1,675 | 1,865 | 4,634 | 6,412 |
| EBITDA | 202 | 246 | 488 | 215 | 274 | 349 | 440 | 558 | 1,151 | 1,622 |
| Margins (\%) | 24.6 | 21.0 | 28.1 | 10.5 | 16.3 | 19.2 | 20.8 | 23.0 | 19.9 | 20.2 |
| Depreciation | 34 | 41 | 156 | 31 | 89 | 90 | 90 | 95 | 263 | 364 |
| Interest | 9 | 38 | 72 | 44 | 61 | 60 | 65 | 58 | 162 | 245 |
| Other Income | 34 | 42 | 34 | 123 | 107 | 30 | 30 | 13 | 233 | 180 |
| PBT after EO Income | 193 | 209 | 294 | 264 | 230 | 229 | 315 | 418 | 960 | 1,193 |
| Tax | 8 | 39 | 43 | -77 | 4 | 11 | 16 | 29 | 13 | 60 |
| Deferred Tax | 0 | 2 | 7 | 9 | 12 | 2 | 3 | -6 | 19 | 12 |
| Rate (\%) | 4.3 | 19.6 | 17.1 | -25.5 | 7.0 | 6.0 | 6.0 | 5.5 | 3.3 | 6.0 |
| Reported PAT | 185 | 168 | 244 | 331 | 214 | 216 | 296 | 396 | 928 | 1,122 |
| YoY Change (\%) | 96.4 | 23.4 | 25.8 | 630.8 | 15.7 | 28.5 | 21.2 | 19.5 | 97.6 | 20.9 |
| Margins (\%) | 22.5 | 14.3 | 14.1 | 16.1 | 12.7 | 11.9 | 14.0 | 16.3 | 16.0 | 14.0 |

E: MOSt Estimates

# Divi's Laboratories 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | DIVI IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | DIVI.BO |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 1,217 |
| 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 | 7,244 | 1,919 | 29.7 | 172.1 | 40.9 | 14.5 | 43.5 | 40.0 | 11.0 | 32.5 |
| 03/08E | 8,934 | 2,653 | 41.1 | 38.2 | 29.6 | 10.4 | 40.9 | 39.5 | 8.9 | 23.8 |
| 03/09E | 10,610 | 3,273 | 50.7 | 23.4 | 24.0 | 7.7 | 37.0 | 37.3 | 7.4 | 19.2 |

\& We expect Divi's 2QFY08 revenues to grow $30 \%$ YoY to Rs 2.1 b, led by continued momentum in both the generics and custom chemical synthesis (CCS) business.
\& EBITDA margins should improve 980bp YoY to $36.8 \%$ led mainly by higher CCS revenues.
\& Commis sioning of new SEZ facilities would lead to higher depreciation (up 109\% YoY) and interest costs (up 565\% YoY). Currency appreciation is also likely to have some adverse impact on operational performance. However, lower tax provisioning (at $12 \%$ of PBT v/s $25.7 \%$ in 2QFY07) due to higher contribution from the new SEZ is likely temper the adverse impact, resulting in PAT growth of $92 \%$ Yo Y to Rs 600 m .
\& We believe that Divi's would be one of the key beneficiaries of 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 29.6 x FY08E and 24 x FY09E earnings. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Net Op Revenue | 1,608 | 1,614 | 1,496 | 2,526 | 2,281 | 2,100 | 2,144 | 2,410 | 7,244 | 8,934 |
| YoY Change (\%) | 148.8 | 98.3 | 38.6 | 98.7 | 41.8 | 30.1 | 43.3 | -4.6 | 90.1 | 23.3 |
| Total Expenditure | 1,148 | 1,179 | 1,071 | 1,387 | 1,438 | 1,327 | 1,356 | 1,458 | 4,784 | 5,580 |
| EBITDA | 461 | 435 | 425 | 1,139 | 843 | 772 | 788 | 952 | 2,460 | 3,355 |
| Margins (\%) | 28.6 | 26.9 | 28.4 | 45.1 | 36.9 | 36.8 | 36.7 | 39.5 | 34.0 | 37.5 |
| Depreciation | 43 | 42 | 59 | 80 | 86 | 87 | 90 | 96 | 223 | 359 |
| Interest | 21 | 6 | 38 | 41 | 34 | 43 | 42 | 49 | 106 | 167 |
| Other Income | 44 | 34 | 25 | 34 | 34 | 40 | 45 | 67 | 136 | 186 |
| PBT | 441 | 421 | 353 | 1,052 | 757 | 682 | 701 | 874 | 2,267 | 3,014 |
| Tax | 167 | 114 | -1 | 56 | 49 | 82 | 84 | 147 | 336 | 362 |
| Deferred Tax | 6 | -6 | 27 | -14 | 36 | 0 | 0 | -36 | 14 | 0 |
| Rate (\%) | 39.4 | 25.7 | 7.3 | 4.0 | 11.1 | 12.0 | 12.0 | 12.7 | 15.4 | 12.0 |
| Adj PAT | 267 | 313 | 327 | 1,010 | 673 | 600 | 617 | 763 | 1,917 | 2,653 |
| YoY Change (\%) | 109.6 | 96.2 | 73.2 | 341.1 | 151.6 | 91.9 | 88.5 | -24.5 | 172.1 | 38.3 |
| Margins (\%) | 16.6 | 19.4 | 21.9 | 40.0 | 29.5 | 28.6 | 28.8 | 31.6 | 26.5 | 29.7 |

E: MOSt Estimates

# Dr Reddy's Laboratories 

| STOCK INFO. <br> BSE Sensex: 17,291 | bloomberg DR IN |
| :---: | :---: |
|  |  |
|  | uters code |
| S\&P CNX: 5,021 | Y.BO |
| Equity Shares (m) | 167.9 |
| 52-Week Range | 840/603 |
| 1,6,12 Rel. Perf. (\%) | -14/-41/-50 |
| M.Cap. (Rs b) | 109.0 |
| M.Cap. (US\$ b) | 2.7 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 649 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 11.7 | 2.6 | 22.4 | 14.3 | 1.8 | 7.9 |
| 03/08E* | 48,942 | 6,130 | 36.5 | -34.2 | 17.8 | 2.4 | 13.3 | 9.7 | 2.3 | 13.3 |
| 03/09E* | 56,202 | 6,979 | 41.6 | 13.8 | 15.6 | 2.1 | 13.6 | 10.4 | 2.0 | 11.4 |

*Excludes one-time upsides from authorized generics and FTF opportunities
\& We expect DRL's 2QFY08 sales to de-grow $38.2 \%$ YoY to Rs 12.39 b, mainly due to absence of authorized generic revenues (which contributed Rs 7.8 b to 2 QFY 07 sales). Excluding this one-time impact, revenues are likely to record just $1.3 \%$ growth mainly due to pressure on German operations and currency appreciation.

* Overall gross margins are expected to improve by $1,060 \mathrm{bp}$ (to $52 \%$ ) due to lower base of 2QFY07 (resulting from the authorized generics sales). However, EBITDA margins are likely to decline by 360 bp to $17.5 \%$ due to higher R\&D and SG\&A expenses. Lower tax rate ( $13 \%$ of PBT $\mathrm{v} / \mathrm{s} 21 \%$ of PBT for 2QFY07) is likely to temper the adverse impact, resulting in a PAT decline of $47.4 \%$ YoY to Rs 1.47 b .
* The stock trades at $17.8 x$ FY08E and $15.6 x$ FY09E consolidated earnings. We believe that while current valuations reflect the intense pricing pressure in regulated generics markets (including Germany), they are not discounting the improvement in Dr Reddy's core business and the growth traction in the semi-regulated markets (which enjoy better margins compared to the US generics markets). We reiterate Buy.

| Global quarterly performance (US GAAP) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07\# |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3 Q | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Gross Sales | 14,049 | 20,039 | 15,434 | 15,573 | 12,018 | 12,391 | 12,466 | 12,067 | 65,095 | 48,942 |
| YoY Change (\%) | 151.3 | 247.1 | 161.7 | 124.7 | -14.5 | -38.2 | -19.2 | -22.5 | 168.2 | -24.8 |
| EBITDA | 2,210 | 4,220 | 2,464 | 5,470 | 2,132 | 2,168 | 2,182 | 2,083 | 14,361 | 8,565 |
| Margins (\%) | 15.7 | 21.1 | 16.0 | 35.1 | 17.7 | 17.5 | 17.5 | 17.3 | 22.1 | 17.5 |
| Depreciation \& Amortization | 388 | 402 | 330 | 2,221 | 351 | 330 | 350 | 319 | 3,341 | 1,350 |
| Other Income | -216 | -287 | -281 | 264 | 231 | -147 | -160 | -173 | -520 | -249 |
| Profit before Tax | 1,606 | 3,531 | 1,853 | 3,513 | 2,012 | 1,692 | 1,671 | 1,591 | 10,500 | 6,966 |
| Tax | 208 | 737 | -27 | 260 | 181 | 220 | 217 | 218 | 1,177 | 836 |
| Rate (\%) | 13.0 | 20.9 | -1.5 | 7.4 | 9.0 | 13.0 | 13.0 | 13.7 | 11.2 | 12.0 |
| Reported PAT | 1,398 | 2,794 | 1,880 | 3,253 | 1,831 | 1,472 | 1,454 | 1,373 | 9,323 | 6,130 |
| Minority Interest | 0 | -4 | 0 | -1 | 3 | 0 | 0 | -3 | -4 | 0 |
| 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 | 1,472 | 1,454 | 1,376 | 9,285 | 6,130 |
| YoY Change (\%) | 255.0 | 215.4 | 407.6 | - | 34.8 | -47.4 | -22.7 | -57.7 | 576.6 | -34.0 |
| Margins (\%) | 9.7 | 14.0 | 12.2 | 20.9 | 15.2 | 11.9 | 11.7 | 11.4 | 14.3 | 12.5 |

E: MOSt Estimates; \# includes one-time upsides

## GlaxoSmithKline Pharmaceuticals

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | GLXO IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | GLAX.BO |


| 28 September 2007 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 15,384 | 3,617 | 42.7 | 18.1 | 26.0 | 7.9 | 30.3 | 46.4 | 5.4 | 17.3 |
| 12/07E | 15,359 | 3,631 | 42.9 | 0.4 | 25.9 | 6.0 | 23.2 | 36.3 | 5.3 | 17.3 |
| 12/08E | 16,895 | 3,959 | 46.7 | 9.0 | 23.8 | 5.3 | 22.1 | 33.9 | 4.6 | 15.4 |

25 We expect GSK Pharma's 3QCY07 net sales to grow just 4.4\% YoY to Rs 4.1 b due to the divestment of animal healthcare business in July 2006.
\& However, EBITDA margins are expected to remain flat at $32.1 \%$ despite the divestment of the animal healthcare business (which enjoyed relatively lower margins) due to the proposed sale of the fine chemicals business. PAT should grow 1.3\% YoY to Rs 1 b .
\& 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.

* The company is one of the best plays on the IPR regime. Our estimates for CY08 take into account the additional marketing and promotional expenditure linked to launch of patented products in CY08 and divestment of the fine chemicals division. Valuations at 25.9 x CY07E and 23.8 x CY08E earnings do not fully reflect the strong parentage, cash-rich operations and the 'option value' created from product patent regime in the long-term. We maintain Buy.

| QuARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E DECEMBER | CY06 |  |  |  | CY07 |  |  |  | CY06 | CY07E |
|  | 10 | 2 Q | 3 Q | 4 Q | 10 | 2 Q | 3QE | 4QE |  |  |
| Net Sales | 4,254 | 4,041 | 3,970 | 3,119 | 4,203 | 3,915 | 4,147 | 3,094 | 15,384 | 15,359 |
| YoY Change (\%) | 54.0 | -13.1 | -3.9 | -1.8 | -1.2 | -3.1 | 4.4 | -0.8 | 4.6 | -0.2 |
| Total Expenditure | 2,843 | 2,789 | 2,688 | 2,305 | 2,753 | 2,692 | 2,816 | 2,414 | 10,617 | 10,675 |
| EBITDA | 1,411 | 1,252 | 1,283 | 814 | 1,450 | 1,223 | 1,331 | 679 | 4,767 | 4,684 |
| Margins (\%) | 33.2 | 31.0 | 32.3 | 26.1 | 34.5 | 31.2 | 32.1 | 22.0 | 31.0 | 30.5 |
| Depreciation | 38 | 39 | 41 | 41 | 37 | 37 | 45 | 53 | 159 | 171 |
| Other Income | 222 | 183 | 254 | 299 | 272 | 312 | 282 | 310 | 965 | 1,177 |
| PBT before EO Expense | 1,596 | 1,396 | 1,496 | 1,072 | 1,686 | 1,498 | 1,568 | 922 | 5,560 | 5,674 |
| Tax | 567 | 475 | 499 | 348 | 563 | 502 | 564 | 330 | 1,889 | 2,001 |
| Deferred Tax | -6 | 10 | 6 | 43 | 10 | 32 | 0 | 0 | 53 | 42 |
| Rate (\%) | 35.2 | 34.8 | 33.8 | 36.4 | 34.0 | 35.6 | 36.0 | 35.8 | 34.9 | 36.0 |
| Adjusted PAT | 1,034 | 911 | 991 | 682 | 1,113 | 964 | 1,004 | 592 | 3,617 | 3,631 |
| YoY Change (\%) | 88.9 | -13.6 | 4.4 | 33.0 | 7.6 | 5.9 | 1.3 | -13.2 | 18.1 | 0.4 |
| Margins (\%) | 24.3 | 22.5 | 25.0 | 21.9 | 26.5 | 24.6 | 24.2 | 19.1 | 23.5 | 23.6 |
| Extra-Ord Expense | 22 | 0 | -1,864 | 4 | 0 | 0 | 0 | 0 | -1,838 | 0 |
| Reported PAT | 1,012 | 911 | 2,854 | 678 | 1,113 | 964 | 1,004 | 592 | 5,455 | 3,631 |

E: MOSt Estimates

## Jubilant Organosys

| Stock info. B | bloomberg |
| :---: | :---: |
| BSE Sensex: 17,291. | Jol in |
|  | reuters code |
| S\&P CNX: 5,021 Ju | Jubo.bo |
| Equity Shares (m) | 144.0 |
| 52-Week Range | 332/195 |
| 1,6,12 Rel. Perf. (\%) | \%) -8/-11/13 |
| M.Cap. (Rs b) | 44.9 |
| M.Cap. (US\$ b) | 1.1 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs312 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 18,097 | 2,280 | 12.4 | 44.0 | 25.2 | 5.0 | 26.4 | 15.4 | 2.9 | 16.5 |
| 03/08E | 25,069 | 3,883 | 21.1 | 70.3 | 14.8 | 3.2 | 33.6 | 17.1 | 2.1 | 11.9 |
| 03/09E | 29,807 | 3,525 | 19.1 | -9.2 | 16.3 | 2.6 | 22.6 | 13.5 | 1.7 | 9.5 |

\& Jubilant's 2QFY08 sales are expected to grow 31.3\% YoY to Rs6.1b, driven by robust growth in CRAMS business and consolidation of the Hollister acquisition, resulting in Pharma \& Life Sciences business growing 53\% YoY to Rs3.7b.

* EBITDA margins would expand 90bp YoY to $18.1 \%$, reflecting improving business mix in favor of Pharma \& Life Science business (at $62 \%$ of sales $\mathrm{v} / \mathrm{s} 53 \%$ in 1QFY07) as well as the favorable impact of lower molasses prices.

2. Also, higher other income (up $72 \%$ YoY) due to interest income on unutilized FCCB proceeds and forex gains, and lower tax rate (at $17.4 \%$ of PBT v/s $28.4 \%$ of PBT for 2QFY07), would boost PAT by $56 \%$ YoY to Rs 848 m .
\& Despite the currency appreciation, EBITDA margins are expected to be stable at $17.7 \%$, with the growing share of Pharma \& Life Sciences business and easing raw material prices. This, along with healthy growth in revenues, would lead to a $24 \%$ CAGR in fully diluted earnings over FY07-09. Valuations of $14.8 x$ FY08E and $16.3 x$ FY09E earnings do not reflect the higher growth potential of the CRAMS business and upsides from acquisitions. We maintain Buy.

| Quarterly performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3Q | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 4,112 | 4,659 | 4,693 | 4,633 | 5,400 | 6,117 | 6,780 | 6,772 | 18,097 | 25,069 |
| YoY Change (\%) | 25.9 | 40.5 | 10.8 | 9.6 | 31.3 | 31.3 | 44.5 | 46.2 | 20.7 | 38.5 |
| Total Expenditure | 3,367 | 3,858 | 3,795 | 3,836 | 4,448 | 5,012 | 5,517 | 5,658 | 14,902 | 20,635 |
| EBITDA | 745 | 801 | 898 | 797 | 952 | 1,105 | 1,262 | 1,115 | 3,195 | 4,434 |
| Margins (\%) | 18.1 | 17.2 | 19.1 | 17.2 | 17.6 | 18.1 | 18.6 | 16.5 | 17.7 | 17.7 |
| Depreciation | 146 | 153 | 158 | 166 | 194 | 230 | 230 | 241 | 623 | 895 |
| Interest | 55 | 37 | 49 | 54 | 84 | 90 | 110 | 276 | 195 | 560 |
| Other Income | 44 | 145 | 168 | 173 | 996 | 250 | 150 | 324 | 576 | 1,720 |
| PBT after EO Expense | 588 | 756 | 859 | 750 | 1,670 | 1,035 | 1,072 | 921 | 2,953 | 4,698 |
| Tax | 139 | 215 | 236 | 122 | 273 | 180 | 170 | 223 | 712 | 705 |
| Rate (\%) | 23.6 | 28.4 | 27.5 | 16.3 | 16.3 | 17.4 | 15.9 | 24.2 | 24.1 | 18.0 |
| PAT | 449 | 541 | 623 | 628 | 1,397 | 855 | 902 | 698 | 2,241 | 3,852 |
| Minority Interest | -12 | -3 | -14 | -10 | -32 | 7 | 8 | -13 | -39 | -30 |
| Adjusted PAT | 461 | 544 | 637 | 638 | 1,429 | 848 | 895 | 711 | 2,280 | 3,882 |
| YoY Change (\%) | 116.4 | 118.5 | 74.0 | 32.4 | 210.0 | 55.9 | 40.5 | 11.4 | 75.8 | 70.3 |
| Margins (\%) | 11.2 | 11.7 | 13.6 | 13.8 | 26.5 | 13.9 | 13.2 | 10.5 | 12.6 | 15.5 |

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

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | LPC IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | LUPN.BO |


| Equity Shares (m) | 80.3 |
| :--- | ---: |
| 52-Week Range | $755 / 460$ |
| 1,6,12 Rel. Perf. (\%) | $-18 /-34 /-13$ |
| M.Cap. (Rs b) | 47.1 |
| M.Cap. (US\$ b) | 1.2 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 586 |
| 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 | 3,086 | 35.0 | 63.1 | 16.8 | 5.4 | 41.3 | 27.1 | 2.6 | 17.8 |
| 03/08E | 25,939 | 3,231 | 36.6 | 4.7 | 16.0 | 4.1 | 32.1 | 23.5 | 2.0 | 12.0 |
| 03/09E | 28,467 | 3,460 | 39.2 | 7.1 | 14.9 | 3.4 | 27.3 | 21.3 | 1.8 | 11.5 |

* Lupin's quarterly results are standalone, while annual numbers are consolidated.
\& We expect 2QFY08 revenues to grow by $33 \%$ YoY to Rs 6.5 b, driven by continued momentum in the domestic formulations business and formulations exports (both regulated and unregulated markets). Our estimates include US $\$ 10 \mathrm{~m}$ upside from supply of Cefdinir in the US market - a product currently experiencing low generic competition.
\& EBITDA margins should expand 440bp YoY to $20 \%$ due to higher margin sales of Cefdinir and better product and market mix, resulting in PAT growth of $86 \%$ YoY to Rs 966 m . It should be noted that Cefdinir is a short-term opportunity and competition is likely to intensify in the coming quarters.
* We expect $19 \%$ sales and $22 \%$ EPS CAGR over FY07-09. While we remain positive about Lupin's growth prospects (particularly in regulated markets), we believe that FY09 performance is likely to be adversely impacted due to expected competition for Cefdinir and reversal of the Pen-Gcycle. The stock trades at 16x FY08E and 14.9x FY09E earnings. We maintain Neutral.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Net Sales | 5,044 | 4,886 | 5,054 | 5,318 | 5,757 | 6,502 | 6,515 | 7,166 | 20,137 | 25,939 |
| YoY Change (\%) | - | - | - | - | 14.1 | 33.1 | 28.9 | 34.7 | 18.8 | 28.8 |
| Total Expenditure | 4,395 | 4,123 | 4,154 | 4,542 | 4,936 | 5,203 | 5,425 | 6,102 | 17,215 | 21,666 |
| EBITDA | 649 | 763 | 901 | 776 | 821 | 1,298 | 1,090 | 1,064 | 2,922 | 4,273 |
| Margins (\%) | 12.9 | 15.6 | 17.8 | 14.6 | 14.3 | 20.0 | 16.7 | 14.8 | 14.5 | 16.5 |
| Depreciation | 107 | 112 | 121 | 126 | 127 | 135 | 140 | 147 | 466 | 550 |
| Interest | 92 | 93 | 89 | 98 | 89 | 106 | 103 | 121 | 372 | 419 |
| Other Income | 217 | 171 | 99 | 1,338 | 159 | 150 | 170 | 256 | 1,991 | 735 |
| PBT | 667 | 728 | 789 | 1,890 | 764 | 1,207 | 1,017 | 1,051 | 4,075 | 4,039 |
| Tax | 131 | 210 | 169 | 479 | 206 | 241 | 203 | 157 | 988 | 808 |
| Rate (\%) | 19.6 | 28.8 | 21.4 | 25.3 | 26.9 | 20.0 | 20.0 | 15.0 | 24.3 | 20.0 |
| Reported PAT | 536 | 518 | 620 | 1,411 | 558 | 966 | 813 | 894 | 3,086 | 3,231 |
| Extra-Ordinary Exp/(Inc) | 0 | 0 | 0 | -759 | 0 | 0 | 0 | 0 | -759 | 0 |
| Minority Interest | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Recurring PAT | 536 | 518 | 620 | 652 | 559 | 966 | 813 | 894 | 2,327 | 3,231 |
| YoY Change (\%) | - | - | - | - | 4.4 | 86.3 | 31.2 | 37.0 | 34.5 | 38.9 |
| Margins (\%) | 10.6 | 10.6 | 12.3 | 12.3 | 9.7 | 14.9 | 12.5 | 12.5 | 11.6 | 12.5 |

E: MOSt Estimates

# Nicholas Piramal 

| STOCK INFO. BLOOMBERG <br> BSE Sensex: 17,291 NP IN <br>  REUTERS CODE |  |
| :--- | ---: |
| S\&P CNX: 5,021 NICH.BO |  |
| Equity Shares (m) | 209.0 |
| 52-Week Range | $321 / 195$ |
| 1,6,12 Rel. Perf. (\%) | $-7 /-19 /-19$ |
| M.Cap. (Rs b) | 58.8 |
| M.Cap. (US\$ b) | 1.5 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{gathered} \text { Buy } \\ \text { Rs } 281 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |
| 03/07A | 24,202 | 2,319 | 11.0 | 85.4 | 25.6 | 5.6 | 23.1 | 19.8 | 2.7 | 19.5 |
| 03/08E | 28,104 | 2,739 | 13.1 | 19.4 | 21.5 | 4.5 | 23.2 | 19.2 | 2.3 | 14.8 |
| 03/09E | 31,181 | 3,386 | 16.2 | 23.6 | 17.4 | 3.8 | 23.8 | 20.8 | 2.0 | 12.1 |

\& We expect revenues to grow by $6.7 \%$ to Rs 7 b in 2QFY08, driven by $9 \%$ growth in India revenues (including CRAMS exports from India). Global sales should grow 3\% Yo Y.
\& EBITDA margins are expected to decline by 210 bp YoY to $15.3 \%$ due to higher costs at Morpeth and currency appreciation v/s both the US\$ and the UK£.
2. Lower EBITDA margins and higher interest cost (up 44\% YoY) are likely to impact the company's performance for the quarter. However, lower tax rate (at $15 \%$ of PBT v/s $20.2 \%$ in 2QFY07) is likely to mitigate this impact, resulting in PAT decline of $10.7 \%$ YoY to Rs 585 m . Our estimates do not take into account the proposed demerger of the company's NCE Research.

* Increasing visibility in CRAMS, turnaround at Avecia and higher growth in the domestic portfolio would act as catalysts for the stock. Long-term value unlocking for investors could happen through out-licensing of some of the NCE molecules. Valuations at 21.5x FY08E and 17.4x FY09E earnings do not fully reflect these triggers. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 5,226 | 6,547 | 6,495 | 6,452 | 6,081 | 6,983 | 7,591 | 7,449 | 24,719 | 28,104 |
| YoY Change (\%) | 31.2 | 79.3 | 61.3 | 52.9 | 16.4 | 6.7 | 16.9 | 15.4 | 55.0 | 13.7 |
| Total Expenditure | 4,348 | 5,409 | 5,525 | 5,603 | 5,240 | 5,915 | 6,375 | 6,210 | 20,885 | 23,740 |
| EBITDA | 877 | 1,139 | 971 | 849 | 841 | 1,068 | 1,216 | 1,239 | 3,835 | 4,364 |
| Margins (\%) | 16.8 | 17.4 | 14.9 | 13.2 | 13.8 | 15.3 | 16.0 | 16.6 | 15.5 | 15.5 |
| Depreciation | 228 | 244 | 222 | 158 | 249 | 270 | 285 | 310 | 818 | 1,114 |
| Interest | 46 | 76 | 88 | 96 | 111 | 110 | 95 | 66 | 305 | 382 |
| Other Income | 0 | 2 | 2 | 54 | 20 | 0 | 103 | 231 | 58 | 354 |
| PBT before EO Expense | 604 | 820 | 663 | 649 | 500 | 688 | 939 | 1,094 | 2,770 | 3,222 |
| Extra-Ord Expense | 0 | -76 | -2 | 12 | 3 | 0 | 0 | 0 | 43 | 3 |
| PBT after EO Expense | 604 | 896 | 665 | 638 | 497 | 688 | 939 | 1,094 | 2,727 | 3,219 |
| Tax | 13 | 172 | 59 | -2 | 18 | 53 | 72 | 103 | 231 | 246 |
| Deferred Tax | 51 | 9 | 51 | 36 | 45 | 51 | 69 | 72 | 158 | 237 |
| Rate (\%) | 10.7 | 20.2 | 16.5 | 5.3 | 12.7 | 15.0 | 15.0 | 16.1 | 14.3 | 15.0 |
| PAT | 539 | 715 | 556 | 604 | 434 | 585 | 798 | 918 | 2,338 | 2,735 |
| Less: Minority Interest | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Reported PAT | 539 | 715 | 556 | 604 | 434 | 585 | 798 | 918 | 2,337 | 2,735 |
| Adj PAT | 539 | 655 | 554 | 615 | 437 | 585 | 798 | 918 | 2,374 | 2,738 |
| YoY Change (\%) | 11.9 | 22.8 | 129.9 | 318.8 | -18.8 | -10.7 | 44.1 | 49.3 | 87.0 | 15.4 |

E: MOSt Estimates; Quarterly numbers don' tadd up to full year numbers due to restatement
Nimish Desai (Nimishdesai@MotilalOswal.com); Tel: +91 22 39825406/Jinesh K Gandhi (Jinesh@MotilalOswal.com); Tel +91 2239825416

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | PFIZ IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | PFIZ.BO |


| Equity Shares (m) | 29.8 |
| :--- | ---: |
| 52-Week Range | $965 / 661$ |

1,6,12 Rel. Perf. (\%) -10/-44/-62
M.Cap. (Rs b) 21.4
M.Cap. (US\$ b) 0.5

| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 715 |
| year | net sales | PAT | EPS | EPS | P/E | PbV | Roe | Roce | Ev/ | EV/ |
| end | (RS M) | (RS M) | (RS) | ROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES | Ebitda |
| 11/06A | 6,859 | 1,210 | 40.5 | 46.3 | 17.6 | 4.9 | 27.5 | 43.6 | 2.7 | 11.1 |
| 11/07E | 6,757 | 1,344 | 45.0 | 11.1 | 15.9 | 3.0 | 18.6 | 28.7 | 2.3 | 9.0 |
| 11/08E | 6,113 | 1,195 | 40.1 | -11.0 | 17.9 | 2.7 | 15.2 | 23.2 | 2.4 | 10.4 |

* Pfizer's revenues for 4QFY07 (year-end November 2007) are likely to de-grow $6.4 \%$ YoY to Rs 1.65 b due to degrowth in the consumer healthcare business, Codeine short-supply for Corex (a key product accounting for almost $20 \%$ of revenues), and sale and discontinuation of certain products like Protinex, Abdec and Pyridium.
\& However, EBITDA margins are likely to expand 700 bp YoY to $25.1 \%$ led by a $38 \%$ reduction in other expenses.
\& Pfizer (USA) has decided to divest its consumer healthcare business to Johnson \& Johnson, which will result in of divestment of its domestic consumer healthcare business in favor of Johnson \& Johnson. We estimate that the divestment would result in loss of sales of Rs $1-1.2 \mathrm{~b}$ and reduction in PAT by Rs 260 m (EPS of Rs $9 /$ share) on annualized basis. The management is yet to take a final decision on the mode of divestment in India.
* Valuations at $17.9 x$ FY08E (after adjusting for divestment of the consumer healthcare division in FY08E) adequately reflect Pfizer's business fundamentals. However, we note that that company would have cash of about Rs 6.2 b on its books (including the proceeds from the recently divested Chandigarh facility) and may receive an additional Rs 2 b from the divestment of the consumer healthcare business. We maintain Neutral.

| QUARTERLY PERFORMANCE | G PH |  |  |  | (RS MILLION) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E NOVEMBER | FY06 |  |  |  | FY07 |  |  |  | FY06 | FY07E |
|  | 1 Q | 2 Q | 3 Q | 4QE | 1Q | 2 Q | 3 Q | 4Q |  |  |
| Net Revenues | 1,535 | 1,729 | 1,856 | 1,765 | 1,603 | 1,703 | 1,800 | 1,651 | 6,859 | 6,757 |
| YoY Change (\%) | 11.0 | 21.7 | 9.5 | 0.7 | 4.4 | -1.5 | -3.0 | -6.4 | 9.7 | -1.5 |
| Total Expenditure | 1,104 | 1,302 | 1,378 | 1,447 | 1,176 | 1,295 | 1,327 | 1,236 | 5,206 | 5,034 |
| EBITDA | 431 | 426 | 478 | 317 | 427 | 408 | 474 | 415 | 1,652 | 1,723 |
| Margins (\%) | 28.1 | 24.7 | 25.7 | 18.0 | 26.6 | 24.0 | 26.3 | 25.1 | 24.1 | 25.5 |
| Depreciation | 31 | 32 | 37 | 31 | 27 | 30 | 23 | 30 | 131 | 110 |
| Interest | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| Other Income | 45 | 51 | 54 | 64 | 67 | 118 | 130 | 127 | 333 | 442 |
| PBT before EO Items | 445 | 445 | 496 | 350 | 467 | 496 | 580 | 512 | 1,854 | 2,054 |
| EO Expense/(Income) | 58 | -60 | 58 | 58 | 26 | -2,711 | 96 | 100 | 234 | -2,490 |
| PBT after EO items | 387 | 505 | 437 | 292 | 441 | 3,207 | 484 | 412 | 1,620 | 4,544 |
| Tax | 139 | 146 | 157 | 121 | 158 | 629 | 176 | 103 | 563 | 1,067 |
| Rate (\%) | 35.9 | 28.9 | 35.8 | 41.6 | 35.9 | 19.6 | 36.3 | 45.0 | 34.7 | 25.3 |
| Reported PAT | 248 | 359 | 281 | 170 | 283 | 2,578 | 308 | 227 | 1,057 | 3,396 |
| YoY Change (\%) | 84.0 | 132.0 | 28.6 | -2.0 | 14.1 | 618.2 | 9.8 | 33.4 | 55.2 | 221.2 |
| PAT adj. for Excep Items | 290 | 291 | 323 | 228 | 305 | 324 | 379 | 335 | 1,210 | 1,344 |
| YoY Change (\%) | 71.4 | 52.5 | 26.9 | 16.3 | 5.2 | 11.6 | 17.2 | 46.6 | 46.3 | 11.1 |
| Margins (\%) | 18.9 | 16.8 | 17.4 | 12.9 | 19.0 | 19.1 | 21.1 | 20.3 | 17.6 | 19.9 |

[^9]
## Ranbaxy Laboratories

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: <br> 17,291 <br> RBXY IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 5,021 | RANB.BO |
| Equity Shares (m) | 372.7 |
| 52-Week Range | $445 / 306$ |
| 1,6,12 Rel. Perf. (\%) | $3 /-6 /-39$ |
| M.Cap. (Rs b) | 161.9 |
| M.Cap. (US\$ b) | 4.1 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs434 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 61,337 | 5,374 | 13.4 | 148.3 | 32.3 | 6.3 | 20.9 | 11.8 | 3.2 | 21.0 |
| 12/07E* | 66,745 | 7,782 | 19.5 | 44.8 | 22.3 | 5.5 | 26.2 | 11.1 | 2.9 | 19.3 |
| 12/08E* | 79,109 | 7,906 | 19.8 | 1.6 | 22.0 | 4.8 | 23.5 | 14.1 | 2.4 | 14.2 |

* Excludes upsides from FTF products
\& We expect Ranbaxy to report $4.4 \%$ YoY growth in revenue to Rs 16.8 b in 3QCY07 due to higher base of 3QCY06 (including Simvastatin exclusivity revenues) and currency appreciation. In fact, in US\$-terms, revenue is likely to grow $15.5 \%$ YoY, driven primarily by higher growth in semi-regulated markets (including Romania) and a recovery in the US portfolio (led by new launches).
\& Despite loss of Simvastatin exclusivity, EBITDA margins are likely to remain flat at $17 \%$ due to higher traction in semi-regulated markets, which yield higher margins.
* Impact of higher depreciation (up $25 \% \mathrm{YoY}$ ) and higher interest cost (up $12 \% \mathrm{Yo}$ Y) is likely to be compensated by translation forex gains on FCCBs due to currency appreciation, resulting in PAT growth of $30 \%$ Yo Y to Rs2b.
\& We believe that the worst is over for Ranbaxy and expect a gradual improvement in performance beginning CY07. We believe that 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 de-merger of NCE/NDDS research (incremental EPS of Rs $2 /$ share). The stock trades at $22.3 x$ CY07E and $22 x$ CY08E earnings (excluding patent challenges). An appreciating currency and possibility of expensive acquisitions remain as key risks. Our estimates do not include upsides from FTF opportunities. We reiterate Buy.

| quarterly performance |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E december | CY06\# |  |  |  | CY07 |  |  |  | CY06\# | CY07E |
|  | 1Q | 2 Q | 30 | 4Q | 1 Q | 2 Q | 3QE | 4QE |  |  |
| Net Income | 12,922 | 14,562 | 16,087 | 17,769 | 15,821 | 16,853 | 16,795 | 17,276 | 61,349 | 66,745 |
| YoY Change (\%) | 9.2 | 6.9 | 18.4 | 24.3 | 22.4 | 15.7 | 4.4 | -2.8 | 15.5 | 8.8 |
| EBITDA | 1,423 | 2,648 | 2,697 | 2,665 | 1,908 | 2,265 | 2,855 | 2,943 | 8,740 | 9,971 |
| Margins (\%) | 11.0 | 18.2 | 16.8 | 15.0 | 12.1 | 13.4 | 17.0 | 17.0 | 14.2 | 14.9 |
| Depreciation | 427 | 457 | 496 | 531 | 557 | 565 | 619 | 639 | 1,843 | 2,379 |
| Interest | 257 | 277 | 299 | 247 | 313 | 351 | 334 | 338 | 1,036 | 1,336 |
| Other Income | 114 | -355 | 106 | 484 | 604 | 2,051 | 595 | 271 | 649 | 3,521 |
| PBT before EO Expense | 853 | 1,559 | 2,008 | 2,371 | 1,642 | 3,400 | 2,497 | 2,238 | 6,510 | 9,777 |
| Extra-Ord Expense | 0 | 0 | 226 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PBT after EO Expense | 853 | 1,559 | 1,782 | 2,371 | 1,642 | 3,400 | 2,497 | 2,238 | 6,510 | 9,777 |
| Tax | 135 | 336 | 378 | 512 | 355 | 738 | 450 | 413 | 1,357 | 1,955 |
| Rate (\%) | 15.8 | 21.6 | 21.2 | 21.6 | 21.6 | 21.7 | 18.0 | 18.5 | 20.8 | 20.0 |
| Reported PAT | 718 | 1,223 | 1,404 | 1,859 | 1,287 | 2,662 | 2,048 | 1,825 | 5,153 | 7,822 |
| Minority Interest | 4 | 12 | 11 | 26 | 11 | 27 | 10 | -8 | 50 | 40 |
| Adj PAT after Minority Int. | 714 | 1,211 | 1,571 | 1,833 | 1,276 | 2,635 | 2,038 | 1,833 | 5,103 | 7,782 |
| YoY Change (\%) | 0.8 | 19.5 | 753.8 | 513.7 | 78.7 | 117.6 | 29.7 | 0.0 | 135.8 | 52.5 |
| Margins (\%) | 5.5 | 8.3 | 9.8 | 10.3 | 8.1 | 15.6 | 12.1 | 10.6 | 8.3 | 11.7 |

E: MOSt Estimates; \# includes upsides from FTF products. Quarterly figures do not add up to annual numbers due to impact of forex gains Nimish Desai (Nimishdesai@MotilalOswal.com); Tel: +91 22 39825406/Jinesh K Gandhi (Jinesh@MotilalOswal.com); Tel +91 2239825416

## Shasun Chemicals

| Stock info. <br> BSE Sensex: 17,291 | bloomberg |
| :---: | :---: |
|  | SSCD IN |
|  | Reuters code |
| S\&P CNX: 5,021 S | S.BO |
| Equity Shares (m) | 48.1 |
| 52-Week Range | 157/83 |
| 1,6,12 Rel. Perf. (\%) | -15/-43/-31 |
| M.Cap. (Rs b) | 4.4 |
| M.Cap. (US\$ b) | 0.1 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 90 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 7,722 | -30 | -0.6 | N.A. | - | 2.1 | 19.8 | 15.3 | 1.3 | 7.9 |
| 03/08E | 8,866 | 442 | 9.2 | N.A. | 9.9 | 2.0 | 13.7 | 12.4 | 1.2 | 8.6 |
| 03/09E | 10,203 | 605 | 12.6 | 37.1 | 7.2 | 1.7 | 17.4 | 15.4 | 1.0 | 5.9 |

* Consolidated

25 We expect Shasun (standalone) to report $4 \%$ YoY growth in revenue to Rs 1 b in 2QFY08, despite strong growth in CRAMS. We believe that currency appreciation and lower Nizatidine supplies are likely to impact top-line growth for the company. Our quarterly estimates do not include financials of Rhodia's custom manufacturing business, which Shasun acquired in January 2006. This business is likely to record 4\% de-growth in revenue to Rs 959 m for the quarter mainly due to currency appreciation.
\& Standalone EBITDA margins are expected to decline by almost 500 bp to $11.2 \%$ due to higher material and other expenditure, and currency appreciation. Also, higher tax provisioning (at $17.5 \%$ of PBT v/s $13.1 \%$ in 2QFY07) would result in a $60 \%$ de-growth in PAT to Rs 31 m . We expect Rhodia operations to record Rs 31 m loss for the quarter.

* Shasun's operations are likely to undergo gradual transformation, led by higher revenue from CRAMS and commercialization of the company's generics pipeline. Though the decline in Nizatidine supplies and the recent currency appreciation is likely to negatively impact Shasun's standalone earnings for FY08 (we estimate EPS degrowth of $23 \%$ ), we believe that its CRAMS initiatives (both in UK and India) could bring in long-term benefits. At 9.9x FY08E and $7.2 x$ FY09E consolidated EPS, we believe valuations are attractive and partly discount the degrowth in India operations. While the short-term stock price performance is likely to be muted (due to the pressure on standalone business), we believe that the company's CRAMS pipeline has good long-term potential. Any further appreciation of the rupee and pound $\mathrm{v} / \mathrm{s}$ the dollar remains a key risk. We maintain Buy.

| QUARTERLY PERFORmANCE (StAndalone) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | $3 Q$ | 4Q | 10 | 2QE | 3QE | 4QE |  |  |
| Net Sales | 955 | 1,030 | 982 | 1,081 | 921 | 1,074 | 1,214 | 1,460 | 4,047 | 4,669 |
| YoY Change (\%) | 27.3 | 22.0 | -1.1 | 9.0 | -3.6 | 4.3 | 23.7 | 35.1 | 13.1 | 15.4 |
| Total Expenditure | 809 | 864 | 805 | 902 | 883 | 953 | 971 | 1,217 | 3,380 | 4,023 |
| EBITDA | 146 | 166 | 176 | 179 | 38 | 121 | 243 | 244 | 667 | 645 |
| Margins (\%) | 15.3 | 16.1 | 18.0 | 16.5 | 4.2 | 11.2 | 20.0 | 16.7 | 16.5 | 13.8 |
| Depreciation | 67 | 66 | 67 | 51 | 69 | 75 | 79 | 85 | 251 | 308 |
| Interest | 11 | 15 | 16 | 12 | 15 | 19 | 24 | 26 | 54 | 84 |
| Other Income | 3 | 5 | 12 | 29 | 65 | 11 | 11 | 13 | 42 | 100 |
| PBT | 71 | 89 | 105 | 145 | 19 | 38 | 151 | 146 | 404 | 354 |
| Tax | 15 | 14 | 1 | -9 | 3 | 7 | 26 | 3 | 22 | 39 |
| Deferred Tax | -6 | -3 | 3 | 4 | -1 | 0 | 0 | 24 | -2 | 23 |
| Rate (\%) | 13.2 | 13.1 | 4.0 | -3.2 | 14.4 | 17.5 | 17.5 | 17.9 | 5.1 | 17.5 |
| PAT | 62 | 78 | 100 | 150 | 17 | 31 | 124 | 120 | 383 | 292 |
| YoY Change (\%) | 44.8 | 25.5 | -22.2 | 13.7 | -73.1 | -60.0 | 24.0 | -19.8 | 4.9 | -23.7 |
| Margins (\%) | 6.5 | 7.5 | 10.2 | 13.8 | 1.8 | 2.9 | 10.2 | 8.2 | 9.5 | 6.3 |

E: MOSt Estimates

## Sun Pharmaceuticals Industries

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> SUNP IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 5,021 | SUN.BO |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 966 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| YEAR | NET SALES (RS M) | PAT (RS M) | EPS (RS) | EPS | P/E (X) | P/BV (X) | roe <br> (\%) | roce (\%) | $\begin{aligned} & \text { EVI } \\ & \text { SAIIS } \end{aligned}$ |  |
| 03/07A | 20,792 | 7,842 | 37.9 | 36.8 | 25.5 | 6.7 | 35.9 | 22.7 | 8.7 | 27.0 |
| 03/08E | 25,035 | 8,608 | 41.6 | 9.8 | 23.2 | 4.2 | 22.8 | 22.6 | 6.3 | 18.4 |
| 03/09E | 29,995 | 10,565 | 51.0 | 22.7 | 18.9 | 3.5 | 20.3 | 22.5 | 5.0 | 14.6 |

8. We expect $19.7 \%$ YoY growth in revenue to Rs6.3b, driven by $22 \%$ YoY growth in international sales and $16 \%$ growth in domestic sales.
\& EBITDA margins are likely to expand 120 bp YoY to $33.9 \%$ due to lower R\&D expenses (due to demerger of NCE Research). Other income is expected to increase by $22 \%$ YoY partly due to translation forex gains on FCCBs. However, higher tax outgo (tax rate of $4.5 \%$ of PBT v/s tax write-back for 2QFY07) is likely to temper PAT growth to $12.1 \%$ to Rs2.1b.
\& The demerged R\&D entity, SPARC is currently working on 4 NCE and 12 NDDS products, with earliest launch expected in 2009 for one of the NDDS products.

25 The company's ability to sustain high growth 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 23.2x FY08E and 18.9x FY09E EPS (excl. Taro acquisition) appear rich, they do not fully factor in the ramp-up in US and expected value unlocking by leveraging acquired companies (Taro, Able Labs \& Valeant). Stock performance in the short-term may remain muted till further clarity on Taro acquisition emerges. We maintain Buy.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3 Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Net Revenues | 4,987 | 5,229 | 5,263 | 5,313 | 6,153 | 6,260 | 6,335 | 6,287 | 20,792 | 25,035 |
| YoY Change (\%) | 31.8 | 27.2 | 24.2 | 33.5 | 23.4 | 19.7 | 20.4 | 18.3 | 30.4 | 20.4 |
| EBITDA | 1,811 | 1,708 | 1,733 | 1,545 | 2,148 | 2,121 | 2,139 | 2,099 | 6,798 | 8,508 |
| Margins (\%) | 36.3 | 32.7 | 32.9 | 29.1 | 34.9 | 33.9 | 33.8 | 33.4 | 32.7 | 34.0 |
| Depreciation | 202 | 204 | 212 | 201 | 226 | 235 | 244 | 254 | 818 | 958 |
| Net Other Income | 274 | 402 | 636 | 942 | 606 | 490 | 505 | 523 | 2,253 | 2,123 |
| PBT | 1,883 | 1,906 | 2,157 | 2,286 | 2,528 | 2,376 | 2,400 | 2,369 | 8,233 | 9,673 |
| Tax | 2 | -22 | -29 | -18 | 98 | 107 | 108 | 122 | -67 | 435 |
| Rate (\%) | 0.1 | -1.1 | -1.3 | -0.8 | 3.9 | 4.5 | 4.5 | 5.2 | -0.8 | 4.5 |
| Profit after Tax | 1,882 | 1,928 | 2,186 | 2,304 | 2,430 | 2,270 | 2,292 | 2,246 | 8,300 | 9,238 |
| Share of Minority Partner | 115 | 64 | 198 | 183 | 158 | 180 | 185 | 106 | 559 | 629 |
| Adj Net Profit | 1,767 | 1,864 | 1,989 | 2,121 | 2,272 | 2,090 | 2,107 | 2,140 | 7,741 | 8,608 |
| YoY Change (\%) | 29.9 | 26.1 | 35.8 | 48.4 | 28.6 | 12.1 | 5.9 | 0.9 | 35.0 | 11.2 |
| Margins (\%) | 35.4 | 35.6 | 37.8 | 39.9 | 36.9 | 33.4 | 33.3 | 34.0 | 37.2 | 34.4 |

E: MOSt Estimates; Quaterly results have been recasted and hence do not tally with full year results


# Wockhardt 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | W OCK IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | W CKH.BO |


| Equity Shares (m) | 109.4 |
| :--- | ---: |
| 52-Week Range | $450 / 324$ |
| 1,6,12 Rel. Perf. (\%) | $-3 /-29 /-35$ |
| M.Cap. (Rs b) | 45.6 |
| M.Cap. (US\$ b) | 1.1 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 417 |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES <br> (RS M) | $\begin{gathered} \text { PAT } \\ (\text { RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS* } \\ & \text { (RS) } \end{aligned}$ | $\begin{aligned} & \text { EPS } \\ & \text { GROWTH (\%) } \end{aligned}$ | $\begin{aligned} & \text { P/E* } \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \mathrm{P} / \mathrm{BV} \\ (\mathrm{X}) \end{gathered}$ | Roe <br> (\%) | ROCE <br> (\%) | $\begin{aligned} & \text { EV/ } \\ & \text { SALES } \end{aligned}$ | $\begin{aligned} & \text { EV/ } \\ & \text { ERITA } \end{aligned}$ |
| 12/06A | 17,290 | 2,665 | 22.3 | 3.7 | 18.7 | 4.3 | 28.3 | 15.0 | 3.2 | 13.9 |
| 12/07E | 26,749 | 2,852 | 23.9 | 7.0 | 17.4 | 3.5 | 24.0 | 15.6 | 2.3 | 10.8 |
| 12/08E | 32,534 | 3,275 | 27.4 | 14.9 | 15.2 | 2.9 | 22.6 | 16.1 | 1.9 | 9.1 |

* Fully diluted EPS
\& We expect W ockhardt's 3QCY07 revenue to grow $72 \%$ YoY to Rs 7.5 b, driven by higher growth in domestic business and consolidation of Pinewood, Dumex and Negma acquisitions. Growth in domestic business is likely to be higher due to increased traction in existing business as well as consolidation of acquired brands (Farex and Protinex).
\& EBITDA margins are expected to decline 80 bp YoY to $21.4 \%$ due to higher raw material and staff costs as well as due to the impact of currency appreciation. While the company has commenced capitalizing part of its R\&D expenses beginning 3QCY06, we continue to expense R\&D costs fully. Higher depreciation (linked to commissioning of new biotech facilities) and higher interest costs (linked to acquisitions) will restrict adjusted PAT growth at $23 \%$ YoY to Rs782m.
\& We believe that W ockhardt 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. Wockhardt is valued at $17.4 x$ CY07E and $15.2 x$ CY08E fully diluted earnings, which we believe is a fair reflection of the gradual progress, which the company is making in its key markets. We maintain Neutral.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/e december | CY06 |  |  |  | CY07 |  |  |  | CYO6 | CY07E |
|  | 1 Q | 2 Q | 3 Q | 4Q | 1 Q | 2 Q | 3QE | 4QE |  |  |
| Gross Sales | 3,515 | 4,127 | 4,377 | 5,265 | 5,228 | 6,303 | 7,518 | 7,701 | 17,291 | 26,749 |
| YoY Change (\%) | 13.5 | 9.5 | 21.8 | 43.9 | 48.7 | 52.7 | 71.8 | 46.3 | 22.4 | 54.7 |
| Total Expenditure | 2,826 | 3,230 | 3,406 | 4,043 | 4,069 | 4,781 | 5,906 | 6,169 | 13,288 | 20,925 |
| EBITDA | 689 | 897 | 971 | 1,222 | 1,159 | 1,522 | 1,612 | 1,533 | 4,003 | 5,823 |
| Margins (\%) | 19.6 | 21.7 | 22.2 | 23.2 | 22.2 | 24.1 | 21.4 | 19.9 | 23.2 | 21.8 |
| Depreciation | 137 | 140 | 141 | 212 | 181 | 172 | 240 | 285 | 621 | 878 |
| Interest | -77 | -6 | -5 | 115 | 129 | 85 | 225 | 305 | 26 | 744 |
| Other Income | 33 | 18 | 61 | 78 | 22 | 25 | 50 | 53 | 190 | 150 |
| PBT before EO Items | 662 | 781 | 896 | 973 | 871 | 1,290 | 1,197 | 995 | 3,546 | 4,351 |
| EO Income | -604 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -604 | 0 |
| PBT after EO Items | 58 | 781 | 896 | 973 | 871 | 1,290 | 1,197 | 995 | 2,942 | 4,351 |
| Tax | 95 | 147 | 156 | 101 | 208 | 266 | 323 | 334 | 529 | 1,131 |
| Rate (\%) | 163.8 | 18.8 | 17.4 | 10.4 | 23.9 | 20.6 | 27.0 | 33.6 | 18.0 | 26.0 |
| Reported PAT | -37 | 634 | 740 | 872 | 663 | 1,024 | 874 | 661 | 2,413 | 3,220 |
| R\&D Capitalized | 0 | 0 | 170 | 164 | 180 | 170 | 150 | 100 | 570 | 600 |
| Adjusted PAT | 543 | 634 | 636 | 771 | 552 | 870 | 782 | 600 | 2,558 | 2,852 |
| YoY Change (\%) | 30.2 | -18.3 | -2.4 | 5.7 | 1.8 | 37.2 | 23.0 | -22.2 | -0.5 | 11.5 |
| Margins (\%) | -1.1 | 15.4 | 16.9 | 16.6 | 12.7 | 16.2 | 11.6 | 8.6 | 14.0 | 12.0 |

E: MOSt Estimates; Quarterly numbers don' tadd up to annual numbers due to re-classification
Nimish Desai (Nimishdesai@MotilalOswal.com); Tel: +91 22 39825406/Jinesh K Gandhi (Jinesh@MotilalOswal.com); Tel +91 2239825416

# Retailing 

| COMPANY NAME | PG. |
| :--- | :---: |
| Pantaloon Retail | 233 |
| Shopper's Stop | 234 |
| Titan Industries | 235 |

The retailing landscape continued to be in the limelight during the quarter, as more and more global companies announced plans to enter the specialty retail format. Reliance launched their first Hypermart in Ahmedabad and all the major retailers continued to get good consumer response to the new stores launched. Conversion rates seem to be strong and rising for segments such as fresh food and neighborhood stores. Organized retail emerged as a major launch pad for the consumer and luxury companies to launch their products in India. Political opposition to the organized retail reached new highs as UP banned the new stores of Reliance Fresh and Spencer's due to backlash from traders. Rising lease rentals of real estate and manpower costs are hurting the profitability of the sector. Long term outlook continues to be encouraging; Pantaloon Retail is our top pick.

## Food and Grocery attracting attention, face backlash

According to Technopak, the current size of Indian retail sector in US\$300b, which is estimated to increase to US\$427b by 2010 and US\$637b by 2015. The retail spend is expected to increase at a rate of $13 \%$ CAGR in the coming years which augurs well for the retail sector. As per F\&R Research, the share of food and grocery in the total household spend is $63 \%$. As less than $1 \%$ of the total Food and Grocery is retailed through organized stores, organized retail has a low share of the total retail consumer spend. The grocery segment is witnessing plenty of action with players like ITC, Bharti, Pantaloon, RPG group, Subiksha, Heritage Foods, and Vishal Retail expanding in this vertical. The initiatives include setting up of cold chains, contract farming, logistics and direct sourcing. In addition to the large format food stores, neighborhood and convenience stores concept is fast catching up with Indian retailers. We expect these companies to set up at least 10,000 convenience stores in the coming years, in addition to hypermarkets.



Source: India Retail Report 2007

These stores have started facing a lot of ire from the trading community due to the scale of operations and low prices these offer to the consumers. After opposition to the stores of Reliance and Spencer's in UP, the state has imposed a ban on such stores, with an eye to re-evaluate the entire reform process in contract farming. We believe that such instances can impact the growth plans of large retailers like Reliance, Subiksha and Spencer's in the short term.

## Retailers maintain huge expansion plans

Reliance Retail launched its first Hypermart in Ahmedabad. The hypermart being one of largest stores in this format attracted tremendous initial response. Bharti finalized its agreement with W almart for starting the retail operations. Trent also seems to be in a catching up mode with expected ramp up in its Star Bazaar and tie-up with Benetton for Sisley branded garments. Shopper's Stop and Pantaloon have huge expansion plans across segments like Fashion, Airports, Hypermart and other specialty verticals.

Rising lease rentals and manpower costs - Lease rentals have been on the rise for sometime now, and with the additional service tax been imposed on lease rents, we expect lease rentals to move up further. Industry action reveals that the impact on the retailers would be partial as the 'lessee' might absorb it at certain places and might get Modvat benefit. Retailers have plans to move court, as leasing of property is not a service. Lease rentals have risen by $15-40 \%$ in the past one year due to which many of the leading retailers have slowed down their plans to book fresh real, estate at these prices. Quality human resource to suit the retail organizations is a key issue, as companies are facing higher attrition rates at the shop floor and at senior management levels. Salaries at higher levels are rapidly increasing. We estimate the increase in manpower costs at more than
$25 \%$. While companies like Shopper's Stop have been able to neutralize the impact of wage increase by strong 'same sales' growth, Pantaloon Retail has started feeling the impact of wage increases due to delay in completion of properties and faster recruitment of people due to aggressive store opening plans. We expect lease rentals and manpower costs to continue to impact profit margins ahead.

## Increasing importance of a strong supply chain management

In the wake of rising competition, it is becoming difficult for players to increase end prices. In such a scenario, the player who is able to integrate backwards and squeeze higher margins will be the winner given the wafer thin margins in the food and grocery business. Multi-level supply chain leads to higher wastage and increased costs and commissions. Also, the movement of goods across different states and regions, sometimes arising out of differential taxes leads to high wastage due to inadequate transportation and cold storage facilities. Crisil research estimates that the final retail price paid by the consumer is 2.6 times the price paid to the farmer. Thus, a good supply chain and logistics gains further importance. Reliance, through Reliance Logistics and Pantaloon, through Future Logistics plan to expand their distribution network via rail, road, cold chains and warehouses in order to cut costs and enhance efficiencies in the business. The Bharti-W almart joint venture is already on look out for land to set up warehouses.

## Specialty retail segment up to see more action

Specialty retail segment is witnessing a great deal of activity. This segment is expected to benefit from FDI in single brand retail outlets. A number of MNCs are planning to open their single brand outlets which include categories like luxury goods, garments, personal accessories, watches etc. In addition, some specialty segments like garments and jewelry are witnessing rising interest from domestic jewelry majors to expand retail operations. Titan Industries has expanded into eye wear retail with the launch of Titan Eye+ stores. Rajesh Exports and Gitanjali Gems are in the fray to increase their retail presence. LVMH has plans to open 25 exclusive stores to market its luxury brands in India. Other players like Raymond, Bata, Koutons, Liberty, Samsung etc. have substantial expansion plans. Growing pressure from large retailers for higher margins and the need to target the premiumend consumer in the right kind of ambience is driving brand owners to open their specialty stores. Although specialty stores are unlikely to account for a very substantial part of sales, they are likely to be used for launch of premium products and brand re-positioning strategies. We expect heightened level of activity in the specialty retailing segment in the coming 1-2 years, which will intensify competition in certain segments of specialty retail.

## Positive on the sector; Pantaloon top pick

We believe that the existing retailers will continue to grow topline and attract footfalls due to low penetration. But the same does not hold good for the profit margins in the medium term. It is due to rising lease rentals and manpower costs. We expect specialty stores to
flourish due to committed customers and strong brand recall. We believe competition to intensify due to entry of strong players such as Reliance, Bharti and the A.V. Birla group. We believe that scale of operations 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 positive view on the sector with Pantaloon Retail our top pick.

## 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 |
| Retailing |  |  |  |  |  |  |
| Pantaloon Retail | 8 | 48 | -11 | 9 | -1 | -11 |
| Shopper's Stop | -1 | 3 | -21 | -37 | -11 | -56 |
| Titan Industries | 10 | 86 | -10 | 46 | 0 | 27 |



| BSE Sensex: 17,291 | bloomberg |
| :---: | :---: |
|  | PF IN |
|  | reuters code |
| S\&P CNX: 5,021 P | PART.BO |
| Equity Shares (m) | 146.7 |
| 52-Week Range | 580/344 |
| 1,6,12 Rel. Perf. (\%) | \%) -5/0/9 |
| M.Cap. (Rs b) | 79.2 |
| M.Cap. (US\$ b) | 2.0 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 540 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 32,367 | 611 | 4.2 | -12.8 | 129.7 | 6.5 | 5.0 | 7.0 | 2.6 | 39.7 |
| 06/08E | 55,889 | 1,132 | 7.6 | 83.2 | 70.8 | 6.1 | 8.5 | 9.9 | 1.6 | 25.2 |
| 06/09E | 86,065 | 1,888 | 12.4 | 63.0 | 43.4 | 4.9 | 11.2 | 12.1 | 1.1 | 17.3 |

* Diluted equity after rights issue
\& Pantaloon's revenues are expected to grow $96.4 \%$ YoY in 1 QFY08 with value retailing driving growth during the quarter.
* EBITDA margins are expected to decline by 90 bp to $6 \%$ YoY, PAT is expected at Rs 172 m , a growth of $6 \%$. August sale in Big Bazaar is likely to impact gross margins.
* Pantaloon is expected to witness acceleration in stores opening in the coming few months as the company is expected to end the quarter with stores addition of 1.5 m sq ft . Management expects to end FY07 with retail space of 11 m sq ft .
\& Pantaloon has started unlocking value in subsidiaries. The company has sold $25 \%$ stake in Future Bazaar for $\$ 20 \mathrm{~m}$. The company is likely to launch IPO of Future Capital and Future Ventures, which will unlock value for the shareholders. The Future Generali Insurance is likely to launch products in another couple of months.

2 Excluding the value of the subsidiaries, the stock is currently trading at $26 x$ FY09E EPS. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E JUNE | FY07 |  |  |  | FY08E |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4Q | 10 | 2 Q | 3 Q | 4Q |  |  |
| Net Sales | 6,034 | 7,527 | 8,610 | 10,196 | 11,850 | 13,400 | 14,200 | 16,439 | 32,367 | 55,889 |
| YoY Change (\%) | 65.4 | 59.5 | 89.1 | 77.3 | 96.4 | 78.0 | 64.9 | 61.2 | 73.3 | 72.7 |
| Total Exp | 5,618 | 6,957 | 8,008 | 9,629 | 11,135 | 12,510 | 13,250 | 15,455 | 30,211 | 52,350 |
| EBITDA | 415 | 570 | 603 | 568 | 715 | 890 | 950 | 984 | 2,156 | 3,539 |
| Margins (\%) | 6.9 | 7.6 | 7.0 | 5.6 | 6.0 | 6.6 | 6.7 | 6.0 | 6.7 | 6.3 |
| Depreciation | 67 | 82 | 93 | 126 | 135 | 145 | 150 | 155 | 369 | 585 |
| Interest | 125 | 207 | 229 | 337 | 340 | 335 | 325 | 323 | 898 | 1,323 |
| Other Income | 17 | 5 | 9 | 0 | 18 | 15 | 15 | 16 | 32 | 64 |
| PBT | 241 | 286 | 290 | 105 | 258 | 425 | 490 | 522 | 921 | 1,695 |
| Tax | 79 | 94 | 103 | 36 | 86 | 142 | 170 | 178 | 311 | 576 |
| Rate (\%) | 32.7 | 33.0 | 35.5 | 34.0 | 33.3 | 33.4 | 34.7 | 34.2 | 33.7 | 34.0 |
| Adjusted PAT | 162 | 191 | 187 | 69 | 172 | 283 | 320 | 344 | 611 | 1,119 |
| YoY Change (\%) | 19.6 | 3.1 | 15.3 | -56.2 | 6.0 | 47.8 | 71.0 | 396.0 | -4.8 | 83.2 |
| Exceptional Income | 224 | 249 | 0 | 117 | 0 | 0 | 0 | 0 | 589 | 13 |
| Repoorted PAT | 386 | 440 | 187 | 187 | 172 | 283 | 320 | 344 | 1,200 | 1,132 |

E: MOSt Estimates

# Shopper's Stop 

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> SHOP IN |
| :--- | ---: |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | SHOP.BO |
| Equity Shares (m) | 34.8 |
| 52-Week Range | $777 / 474$ |
| 1,6,12 Rel. Perf. (\%) | $-2 /-39 /-37$ |
| M.Cap. (Rs b) | 20.3 |
| M.Cap. (US\$ b) | 0.5 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 581 |
| 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 | 8,280 | 343 | 9.8 | 39.8 | 59.0 | 6.9 | 11.7 | 14.6 | 2.4 | 29.4 |
| 03/08E | 12,319 | 416 | 12.0 | 21.4 | 48.6 | 6.4 | 13.2 | 16.9 | 1.7 | 21.4 |
| 03/09E | 17,010 | 580 | 16.7 | 39.3 | 34.9 | 5.8 | 16.7 | 19.0 | 1.3 | 15.8 |

* Shopper's Stop is expected to report revenues of Rs 2.7 b in 2QFY08, an increase of $34.1 \%$, driven by strong ' same store sales' growth in existing stores. EBITDA margins are expected at $7.6 \%$ for 2QFY08, a decline of 40 bp . Adjusted PAT at Rs 89 m is expected to increase by $11.2 \%$ during 2 QFY 08 on a YoY bas is.
\& We expect profit margins to remain under pressure due to increase in staff costs and lease rentals, as the company is expected to open six Shopper's Stop stores during the current year.
* Shopper's Stop has acquired $19 \%$ stake in Hypercity Retail and we expect the company to increase stake to $51 \%$ in another 12 months. The company is expected to raise capital from the market in the current year to fund the various expansion plans in the coming 2-3 years.
\& The stock is currently trading at 48.6x FY08E EPS and 34.9x FY09E EPS. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3 Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 1,720 | 2,013 | 2,398 | 2,149 | 2,188 | 2,700 | 3,600 | 3,831 | 8,280 | 12,319 |
| YoY Change (\%) | 35.0 | 32.9 | 24.6 | 31.5 | 27.2 | 34.1 | 50.1 | 78.3 | 30.5 | 48.8 |
| Total Exp | 1,600 | 1,852 | 2,150 | 1,997 | 2,050 | 2,495 | 3,250 | 3,554 | 7,599 | 11,349 |
| EBITDA | 119 | 162 | 248 | 152 | 138 | 205 | 350 | 277 | 681 | 970 |
| Margins (\%) | 6.9 | 8.0 | 10.3 | 7.1 | 6.3 | 7.6 | 9.7 | 7.2 | 8.2 | 7.9 |
| Depreciation | 41 | 55 | 43 | 50 | 93 | 75 | 75 | 61 | 189 | 305 |
| Interest | 9 | 11 | 11 | -4 | 12 | 16 | 20 | 23 | -41 | 71 |
| Other Income | 25 | 31 | 37 | 11 | 5 | 15 | 15 | 21 | 36 | 56 |
| PBT | 95 | 126 | 231 | 117 | 38 | 129 | 270 | 213 | 569 | 651 |
| Tax | 41 | 46 | 90 | 49 | 19 | 40 | 90 | 86 | 226 | 234 |
| Rate (\%) | 43.0 | 36.4 | 38.8 | 42.4 | 48.6 | 31.0 | 33.3 | 40.1 | 39.7 | 36.0 |
| PAT | 54 | 80 | 142 | 67 | 20 | 89 | 180 | 128 | 343 | 416 |
| Yo Y Change (\%) | 95.8 | 148.0 | 21.0 | 9.7 | -63.5 | 11.1 | 27.1 | 89.8 | 44.0 | 21.4 |
| Minority Interest Exceptionals | 0 | 0 | 0 | -101 | 0 | 0 | 0 | 0 | -101 | 0 |
| Reported PAT | 54 | 80 | 142 | -34 | 20 | 89 | 180 | 128 | 242 | 416 |

E:MOSt Estimates

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | TTAN IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | TITN.BO |


| Equity Shares (m) | 42.3 |
| :--- | ---: |
| 52-Week Range | $1,538 / 660$ |
| 1,6,12 Rel. Perf. (\%) | $8 / 47 / 46$ |
| M.Cap. (Rs b) | 62.1 |
| M.Cap. (US\$ b) | 1.6 |

28 September 2007

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  | Rs 1,469 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ \text { (RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS } \\ & \text { (RS) } \end{aligned}$ | $\begin{gathered} \text { EPS } \\ \text { GROWTH (\%) } \end{gathered}$ | $\begin{gathered} \mathrm{P} / \mathrm{E} \\ (\mathrm{X}) \end{gathered}$ | $\begin{gathered} \mathrm{P} / \mathrm{BV} \\ (\mathrm{X}) \end{gathered}$ | RoE <br> (\%) | ROCE <br> (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 03/07A | 20,902 | 1,158 | 26.6 | 20.1 | 55.3 | 27.1 | 35.4 | 29.7 | 3.1 | 30.7 |
| 03/08E | 28,536 | 1,602 | 36.1 | 35.9 | 40.7 | 19.0 | 35.4 | 32.7 | 2.2 | 23.5 |
| 03/09E | 36,215 | 2,388 | 53.8 | 49.0 | 27.3 | 9.9 | 37.9 | 44.0 | 1.7 | 16.7 |

* We expect Titan to register $39.4 \%$ growth in revenues to Rs 7.3 b in 2QFY08. Jewelry and Precision components are expected to be major growth drivers.
* EBITDA margins are likely to dip by 80 bps to $9.6 \%$ in 2 QFY08 due to rising store operating expenses and overheads on new Titan and Gold Plus stores. In addition, the deteriorating sales mix will limit margin expansion.
\& W atch business is expected to report good double-digit growth due to sales promotion schemes during the quarter. The expansion plan of new stores of The World of Titan and Fastrack is on track with expected addition of 80 company run stores by 1 QFY09. The company has recently tied-up with the Movado Group, owners of the Hugo Boss brand, for exclusive distribution rights for Hugo Boss watch in India. We expect it be margin accretive due to rising retail presence and healthy gross margins in premium watches.
\& We are positive on the Titan Eye+ venture due to lack of any organized retailers in this category. Initial response has been encouraging during the pilot period of the project.
2 We expect adjusted PAT to grow by $28.5 \%$ to Rs 440 m .
$\approx$ The stock is currently trading at 40.7 xFY 08 E and 27.3 xFY 09 E . Although we are positive on the long term prospects, the current stock price factors in the expected growth potential. Despite robust business model and strong visibility of earnings, we maintain Neutral rating due to high valuations.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 4,410 | 5,235 | 5,291 | 5,966 | 6,575 | 7,300 | 7,200 | 7,461 | 20,902 | 28,536 |
| YoY Change (\%) | 54.1 | 47.9 | 42.9 | 41.0 | 49.1 | 39.4 | 36.1 | 25.1 | 45.5 | 36.5 |
| Total Exp | 4,245 | 4,690 | 4,711 | 5,273 | 6,206 | 6,600 | 6,450 | 6,598 | 18,918 | 25,854 |
| EBITDA | 165 | 546 | 581 | 693 | 369 | 700 | 750 | 864 | 1,984 | 2,682 |
| Margins (\%) | 3.7 | 10.4 | 11.0 | 11.6 | 5.6 | 9.6 | 10.4 | 11.6 | 9.5 | 9.4 |
| Depreciation | 49 | 66 | 70 | 72 | 72 | 75 | 85 | 86 | 256 | 319 |
| Interest | 49 | 43 | 47 | 66 | 48 | 50 | 55 | 53 | 204 | 206 |
| Other Income | 14 | 5 | 9 | 4 | 5 | 10 | 11 | 11 | 32 | 38 |
| PBT | 81 | 442 | 473 | 560 | 254 | 585 | 621 | 735 | 1,556 | 2,195 |
| Tax | 12 | 100 | 177 | 85 | 127 | 145 | 200 | 120 | 398 | 593 |
| Rate (\%) | 14.4 | 22.6 | 37.4 | 15.1 | 50.2 | 24.8 | 32.2 | 16.4 | 25.6 | 27.0 |
| PAT | 70 | 342 | 296 | 475 | 126 | 440 | 421 | 615 | 1,158 | 1,602 |
| Yo Y Change (\%) | -7.4 | -7.1 | 122.9 | 13.5 | 81.6 | 28.5 | 42.2 | 29.3 | 20.3 | 38.3 |
| Extraordinary Items | 29 | 21 | 17 | 172 | 0 | 15 | 15 | 15 | 242 | 45 |
| Reported PAT | 41 | 322 | 279 | 303 | 126 | 425 | 406 | 600 | 916 | 1,557 |

E: MOSt Estimates

## Telecom

BSE Sensex: 17,291
28 September 2007

|  |  |
| :--- | ---: |
| COMPANY NAME | PG. |
| Bharti Airtel | 241 |
| Idea Cellular | 242 |
| Reliance Communication | 243 |

The wireless industry continued its momentum of strong subscriber additions. We expect the industry to add 23.2 m subscribers in the quarter ended September 2007 compared with 19 m subscribers added in the quarter ended June 2007. Subscriber additions continue to be driven by the A and B circles.

| STRONG MARKET SHARE (\%) |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | MAR-07 | APR-07 | MAY-07 | JUN-07 | JUL-07 |
| Market Share |  |  |  |  |  |
| Metros | 19.4 | 19.1 | 18.9 | 18.7 | 18.6 |
| A-Circle | 35.5 | 35.7 | 35.7 | 35.7 | 35.8 |
| B-Circle | 35.4 | 35.5 | 35.6 | 35.9 | 36.1 |
| C-Circle | 9.6 | 9.7 | 9.7 | 9.7 | 9.6 |
| Incremental Market Share |  |  |  |  |  |
| Metros | -7.1 | 8.1 | 13.9 | 14.6 | 14.8 |
| A-Circle | 31.2 | 41.7 | 35.2 | 34.3 | 38.6 |
| B-Circle | 46.8 | 37.2 | 39.6 | 42.4 | 39.9 |
| C-Circle | 29.1 | 13.1 | 11.3 | 8.7 | 6.7 |



Source: Company/Motilal Oswal Securities

| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | Ebitda |  | NET PROFIT |  |
|  |  | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) |
| Telecom |  |  |  |  |  |  |  |
| Bharti Airtel | Buy | 64,994 | 49.2 | 27,168 | 59.6 | 15,173 | 62.5 |
| Idea Cellular | Neutral | 16,604 | - | 5,479 | - | 2,171 | - |
| Reliance Comm | Buy | 48,458 | 37.4 | 20,345 | 50.4 | 11,313 | 61.1 |
| Sector Aggregate |  | 113,452 | 43.9 | 47,512 | 55.5 | 26,487 | 61.9 |

## TRAI recommends wide ranging reforms for the Industry

TRAI has recommended wide ranging reforms for the wireless sector addressing critical issues like cap on number of players, spectrum allocation and pricing, M\&A norms, combination of technologies, and rural roll-out obligations. These measures will lead to optimum utilization of scarce spectrum, encourage competition, increase affordability for the end customer. Summary of key recommendations:
\& No cap on total operators per circle: There would be no cap on the number of operators in any service area, which would encourage new players and thus increase competition.

* Spectrum allocation criteria: The criteria for additional spectrum beyond the first tranch of $2 * 4.4 \mathrm{Mhz}$ (GSM) and $2 * 2.5 \mathrm{Mhz}$ (CDMA) is based on the numbers of subscribers. TRAI as an interim measure has increased this subscriber criteria as follows:

| GSM - OPERAT ORS (M SUBSCRIBERS) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Recommended | 2 * 6.2 M hz | 2 * 8 Mhz | 2 * 10 Mhz | 2 * 12.4 M hz | 2 * 15 Mhz |
| Delhi/ Mumbai | 0.5 | 1.5 | 2.0 | 3.0 | 5.0 |
| Channai / Kolkatta | 0.5 | 1.5 | 2.0 | 3.0 | 5.0 |
| A Circle | 0.8 | 3.0 | 5.0 | 8.0 | 10.0 |
| B Circle | 0.8 | 3.0 | 5.0 | 8.0 | 10.0 |
| C Circle | 0.6 | 2.0 | 4.0 | 6.0 | 8.0 |
| Earlier Norms | 2* 6.2 M hz | 2 * 8 Mhz | 2 * 10 Mhz | 2* 12.4 M hz | 2*15 Mhz |
| Delhi/ Mumbai | 0.3 | 0.6 | 1.0 | 1.6 | 2.1 |
| Channai / Kolkatta | 0.2 | 0.4 | 0.6 | 1.0 | 1.3 |
| A Circle | 0.4 | 0.8 | 1.4 | 2.0 | 2.6 |
| B Circle | 0.3 | 0.6 | 1.0 | 1.6 | 2.1 |
| C Circle | 0.2 | 0.4 | 0.6 | 0.9 | 1.2 |
| CDMA - OPERATORS (M SUBSCRIBERS) |  |  |  |  |  |
| Recommended | 2 * 3.75 Mhz | 2 * 5 |  | .25 Mhz | 2 * 7.5 M hz |
| Delhi/ Mumbai | 0.5 | 1.5 |  | 2.0 | 3.0 |
| Channai / Kolkatta | 0.5 | 1.5 |  | 2.0 | 3.0 |
| A Circle | 0.8 | 3.0 |  | 5.0 | 8.0 |
| B Circle | 0.8 | 3.0 |  | 5.0 | 8.0 |
| C Circle | 0.6 | 2.0 |  | 4.0 | 6.0 |
| Earlier Norms | 2 * 3.75 Mhz | 2 * 5 |  | .25 Mhz | 2*7.5 M hz |
| Delhi/ Mumbai | 0.5 | 2.0 |  | 3.0 | 5.0 |
| Channai / Kolkatta | 0.5 | 2.0 |  | 3.0 | 5.0 |
| A Circle | 0.8 | 5.0 |  | 8.0 | 10.0 |
| B Circle | 0.8 | 5.0 |  | 8.0 | 10.0 |
| C Circle | 0.6 | 4.0 |  | 6.0 | 8.0 |

\& Spectrum beyond 10 Mhz : Operators requiring spectrum beyond 10 Mhz in the existing 2 G bands ( 800,900 and $1,800 \mathrm{Mhz}$ ) will be charged one time fees for each Mhz or part there of as follows:

| SERVICE AREAS | RS M/MHZ |
| :--- | :---: |
| Mumbai, Delhi and A Circles | 160 |
| Chennai, Kolkata and B Cirlces | 80 |
| C Cirles | 30 |

* Annual spectrum charge: Operators using spectrum beyond $2 * 8 \mathrm{Mhz}$ would be liable to pay an additional spectrum charge of $1 \%$ of adjusted gross revenue (AGR). The proposed spectrum charges structure is as follows:

| SPECTRUM CHARGE AS A \% OF AGR |  |  |  |
| :--- | :---: | :---: | :---: |
|  | CURRENT (\%) | PROPOSED (\%) | INCREASE (\%) |
| Upto 2*4.4 Mhz | 2 | 2 | 0 |
| Upto 2*6.2 Mhz | 3 | 3 | 0 |
| Upto 2*8 Mhz | 4 | 4 | 0 |
| Upto 2*10 Mhz | 4 | 5 | 1 |
| Upto 2*12.5 Mhz | 5 | 6 | 1 |
| Upto 2*15 Mhz | 6 | 7 | 1 |
| Beyond 2*15 Mhz | - | 8 | - |

2. Spectrum in new bands: Any spectrum beyond the existing 2G bands of 800 Mhz , 900 Mhz and $1,800 \mathrm{Mhz}$ will be allocated based on auction system to ensure optimum utilization of new spectrum.

* Intra-circle merger: Market share of the merged entity would not exceed $40 \%$ either in terms of subscriber base or in terms of revenue. No merger would be allowed if the number of operators in a particular circle reduces below four operators. Removal of cap on the total spectrum per operator per circle for the merged entity.
\& Acquisition of competing operators: Currently an operator cannot have more than $10 \%$ equity in its competing operator in a particular circle. TRAI has permitted acquisition of $10 \%$ equity of target operator by an automatic route and up to $20 \%$ equity on a case to case basis.
2 Combination of technologies: TRAI has recommended an existing operator can use alternate technology subject to payment of an up-front fee equal to the entry fee for a UAS licence in that circle and charging of regulatory levies on a combined basis.
\& Roll-out Obligations: While maintaining the current roll-out obligations for the operators, the non-fulfillment of the same would result in no additional spectrum being allocated as well as no M \& A activity until completion of the obligations. Earlier, nonfulfillment of roll-out obligations could result in cancellation of the licence.
* Reduction in USO fees: Operators successfully completing roll-out obligations in any circle (excluding metros) would be charged a lesser Univers al Service Obligation (USO) fee at $3 \%$ against $5 \%$ earlier.

We are not very enthused by the increase in spectrum charges proposed by TRAI, which would further increase costs for the industry despite India having one of the highest regulatory costs globally. While the increase in spectrum charges would impact only the larger operators (using spectrum bey ond 8 Mhz and 10 Mhz ), we believe marginal players in a particular circle tend to under-utilise spectrum, given the lack of scale benefits, lowerend technology and lack of infrastructure.

| CIRCLE | GSM |  |  |  |  |  |  |  |  | CDMA |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | BHARTI | RCOM | HUTCH | BSNL | IDEA | SPICE | AIRCELL | MTNL | BPL DISHNET | RCOM | TATA | MTNL | BSNL | HFCL | SHYAM |
| Delhi | 10 |  | 10 |  | 8 |  |  | 8 |  | 5 | 5 | 3.75 |  |  |  |
| Mumbai | 9.2 |  | 10 |  |  |  |  | 8 | 10 | 5 | 5 | 2.5 |  |  |  |
| Chennai | 8.6 |  | 8 | 8 |  |  | 8.6 |  |  | 5 | 3.75 |  | 2.5 |  |  |
| Kolkatta | 8 | 6.2 | 9.8 | 6.2 |  |  |  |  | 4.4 | 5 | 3.75 |  | 2.5 |  |  |
| Maharashtra | 6.2 |  | 6.2 | 8 | 10 |  |  |  |  | 5 | 5 |  | 2.5 |  |  |
| Gujarat | 6.2 |  | 9.8 | 7.4 | 6.2 |  |  |  |  | 3.75 | 3.75 |  | 2.5 |  |  |
| Andhra Pradesh | 8.8 |  | 6.2 | 8 | 8 |  |  |  |  | 5 | 5 |  | 2.5 |  |  |
| Karnataka | 10 |  | 8 | 8 |  | 6.2 |  |  |  | 5 | 3.75 |  | 2.5 |  |  |
| Tamil Nadu | 6.2 |  | 6.2 | 8 |  |  | 10 |  |  | 5 | 2.5 |  | 2.5 |  |  |
| Kerela | 6.2 |  | 6.2 | 8 | 8 |  |  |  |  | 5 | 3.75 |  | 2.5 |  |  |
| Punjab | 8 |  | 6.2 | 6.2 |  | 8 |  |  |  | 3.75 | 3.75 |  | 2.5 | 2.5 |  |
| Haryana | 6.2 |  | 6.2 | 6.2 | 6.2 |  |  |  |  | 3.75 | 3.75 |  | 2.5 |  |  |
| UP (West) | 6.2 |  | 6.2 | 8 | 8 |  |  |  |  | 5 | 3.75 |  | 2.5 |  |  |
| U P (East) | 6.2 |  | 8 | 9.6 | 6.2 |  |  |  |  | 5 | 3.75 |  | 2.5 |  |  |
| Rajasthan | 6.2 |  | 6.2 | 8 | 6.2 |  |  |  |  | 3.75 | 3.75 |  | 2.5 |  | 2.5 |
| Madhya Pradesh | 6.2 | 6.2 |  | 6.2 | 8 |  |  |  |  | 5 | 5 |  | 2.5 |  |  |
| West Bengal | 4.4 | 6.2 | 4.4 | 6.2 |  |  |  |  | 4.4 | 3.75 | 2.5 |  | 2.5 |  |  |
| Himachal Pradesh | 6.2 | 6.2 |  | 6.2 | 4.4 |  |  |  | 4.4 | 2.5 | 2.5 |  | 2.5 |  |  |
| Bihar | 8 | 8 |  | 6.2 |  |  |  |  | 4.4 | 5 | 3.75 |  | 2.5 |  |  |
| Orissa | 8 | 6.2 |  | 6.2 |  |  |  |  | 4.4 | 3.75 | 2.5 |  | 2.5 |  |  |
| Assam | 6.2 | 6.2 |  | 6.2 |  |  |  |  | 4.4 |  |  |  | 2.5 |  |  |
| North East | 4.4 | 4.4 |  | 6.2 |  |  |  |  | 4.4 |  |  |  | 2.5 |  |  |
| Jammu \& Kashmir | 6.2 |  |  | 8 |  |  |  |  | 4.4 | 2.5 |  |  | 2.5 |  |  |

Source: Motilal Oswal Securities
Based on data of spectrum allocated as of June 2007 the operators liable to pay $1 \%$ additional annual spectrum charges having crossed 8 Mhz threshold would be Bharti (5 circles), Rcom ( 5 circles), Hutch ( 4 circles), Idea ( 1 circle) and BSNL ( 16 circles). Also operators nearing the threshold of 10 Mhz and likely to apply for additional spectrum would be liable to pay up-front one-time spectrum fees as stated above, which we believe would have a marginal impact on the financials of such operators. We do not see significant impact on the EBITDA margins of the operators. We estimate an impact of $0.34 \%$ for Bharti and $0.1 \%$ for Rcom based on 1QFY08 A GR data released by TRAI. Since most of the operators have aggressively expanded coverage, we expect large operators like Bharti and Rcom to fulfill their roll-out obligations, which would entitle them to a saving of $2 \%$ of AGR (in the form of USO fees). If the recommendations are implemented in totality, we expect the impact to be neutral to positive on the margins of the telecom operators.

## Valuation and view

Momentum in subscriber additions continues to be strong, driven by falling handset costs, attractive tariffs offered by different service providers and deeper penetration. Though subscriber additions have been strong during the quarter, the focus is likely to be on ARPU, as the incremental additions are coming from the lower base of the pyramid. Considering expected strong growth momentum in the wireless subscribers base over FY08E-FY10E, we continue to remain positive on Bharti and Reliance Communication.

## 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 |
| Telecom |  |  |  |  |  |  |
| Bharti Airtel | 12 | 100 | -7 | 60 | 0 | -9 |
| Reliance Communi | 15 | 72 | -4 | 33 | 3 | -36 |
| Idea Cellular | 5 | - | -14 | - | -7 | - |



RELATIVE PERFORMANCE - 1 YEAR (\%)



Bharti Airtel

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | BHARTI IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | BRTI.BO |


| Equity Shares (m) | $1,897.0$ |
| :--- | ---: |
| 52-Week Range | $985 / 455$ |
| 1,6,12 Rel. Perf. (\%) | $-8 /-10 / 60$ |
| M.Cap. (Rs b) | $1,785.5$ |
| M.Cap. (US\$ b) | 44.9 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 941 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |
| 3/07A | 185,199 | 42,571 | 22.5 | 88.6 | 41.9 | 13.2 | 37.4 | 29.0 | 9.9 | 24.7 |
| 3/08E | 269,195 | 64,420 | 34.0 | 51.2 | 27.7 | 8.9 | 38.4 | 33.0 | 6.8 | 16.3 |
| 3/09E | 358,466 | 84,362 | 44.5 | 31.0 | 21.2 | 6.3 | 34.8 | 34.1 | 5.0 | 11.8 |

2. We expect overall revenue of Bharti Airtel to grow $10 \%$ QoQ, driven by growth in mobility revenue.
\& Overall EBITDA margin is expected to increase 36 bp to $41.80 \%$ on the back of higher mobility marg ins.

* Mobility revenue is expected to grow $11 \%$ QoQ, while ARPU is expected to decline $2.6 \%$ to Rs 380 . EBITDA margin for mobile telephony business are expected to increase 40bp QoQ, primarily due to opex leverage. 1QFY08 loss of revenue (Rs700m) on accounting of life time scheme is not likely to recur.
\& We expect 90bp margin decline in long distance business due to pressure on net retentions. Enterprise business margins are also likely to decline by 45 bp to $42 \%$ owing to intense competition.
\& Net profit for the company is expected to be flat sequentially due to one-time forex gains in 1QFY08, adjusting for which we expect the profits to grow $12 \%$ QoQ.
\& The stock trades at 27.7 x FY08E and 21.2 x FY09E earnings. We expect Bharti to consolidate its leadership in the mobility market, while continuing to invest aggressively. We maintain Buy.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 30 | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Gross Revenue | 38,564 | 43,572 | 49,130 | 53,933 | 59,047 | 64,994 | 71,220 | 73,933 | 185,199 | 269,195 |
| Yo Y Growth (\%) | 53.2 | 60.8 | 62.4 | 58.1 | 53.1 | 49.2 | 45.0 | 37.1 | 58.8 | 45.4 |
| QoQ Growth (\%) | 13.0 | 13.0 | 12.8 | 9.8 | 9.5 | 10.1 | 9.6 | 3.8 |  |  |
| Access \& Interconnect Charges | 6,612 | 7,190 | 8,242 | 9,335 | 9,071 | 10,009 | 10,968 | 11,408 | 31,379 | 41,456 |
| Net Revenue | 31,952 | 36,382 | 40,888 | 44,598 | 49,976 | 54,985 | 60,252 | 62,525 | 153,820 | 227,739 |
| Total Operating Expenses | 16,930 | 19,357 | 20,834 | 22,190 | 25,509 | 27,818 | 30,091 | 31,019 | 79,311 | 114,437 |
| EBITDA | 15,022 | 17,025 | 20,054 | 22,408 | 24,467 | 27,168 | 30,162 | 31,506 | 74,509 | 113,302 |
| Margin (\%) | 39.0 | 39.1 | 40.8 | 41.5 | 41.4 | 41.8 | 42.4 | 42.6 | 40.2 | 42.1 |
| Net Finance Costs | 1,691 | 587 | -1,317 | 477 | -1,752 | 1,150 | 1,050 | 1,134 | 1,438 | 1,582 |
| Cash Profit from Operations | 13,331 | 16,438 | 21,371 | 21,931 | 26,219 | 26,018 | 29,112 | 30,372 | 73,071 | 111,720 |
| Depreciation \& Amortisation | 4,972 | 5,926 | 7,072 | 7,239 | 8,120 | 8,500 | 9,500 | 9,678 | 25,209 | 35,797 |
| Profit before Tax | 8,600 | 10,782 | 14,410 | 15,068 | 18,901 | 18,068 | 19,762 | 20,842 | 48,860 | 77,573 |
| Income Tax Expense / (Income) | 952 | 1,378 | 2,139 | 1,353 | 3,594 | 2,710 | 2,964 | 3,143 | 5,822 | 12,412 |
| Profit / (Loss) to Minority Shareholders 96 |  | 66 | 121 | 184 | 191 | 184 | 190 | 176 | 467 | 741 |
| Reported Net Profit / (Loss) | 7,552 | 9,338 | 12,150 | 13,531 | 15,116 | 15,173 | 16,608 | 17,523 | 42,571 | 64,420 |
| QoQ Growth (\%) | 10.7 | 23.7 | 30.1 | 11.4 | 11.7 | 0.4 | 9.5 | 5.5 | 88.5 | 51.3 |
| Margin (\%) | 19.6 | 21.4 | 24.7 | 25.1 | 25.6 | 23.3 | 23.3 | 23.7 | 23.0 | 23.9 |

E: MOSt Estimates; Financials as per US GAAP

# Idea Cellular 

| STOCK INFO. | BLOOMBERG <br> BSE Sen sex: 17,291 <br> IDEA IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 5,021 IDEA.BO |  |
| Equity Shares (m) | $2,635.4$ |
| 52-Week Range | $136 / 84$ |
| 1,6,12 Rel. Perf. (\%) | $-9 / 4 /-$ |
| M.Cap. (Rs b) | 329.8 |
| M.Cap. (US\$ b) | 8.3 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 125 |
| 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 | 43,664 | 5,032 | 1.9 | 103.7 | 65.5 | 8.3 | 19.8 | 13.3 | 8.0 | 24.0 |
| 3/08E | 70,558 | 8,844 | 3.8 | 100.1 | 32.7 | 6.6 | 19.8 | 15.0 | 5.2 | 15.7 |
| 3/09E | 99,646 | 12,911 | 5.3 | 38.8 | 23.6 | 5.2 | 22.8 | 17.6 | 3.7 | 11.3 |

* We expect revenue to grow $12.4 \% \mathrm{QoQ}$, driven by strong subscriber additions. We expect Idea to add 2.5 m subscribers in 2QFY08.
\& We expect ARPU to decline by $2 \%$, while MOUs are expected to increase by $2 \%$. Traffic is likely to grow by $17 \%$ QoQ to 20.2b minutes.
\& EBITDA margins is likely to be muted at $33 \%$, due to losses from new circles.
\& With part-deployment of IPO proceeds over 2QFY08, we do not expect a large other income (as was the case in 1QFY08).
* Net profit is expected to decline $30 \% \mathrm{QoQ}$, due to lower other income.
\& The stock trades at $32.7 x$ FY08E and 23.6x FY09E earnings. We remain Neutral.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FYO8 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3 Q | 4Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Gross Revenue | 9,002 |  |  | 13,084 | 14,773 | 16,604 | 18,459 | 20,722 | 43,664 | 70,558 |
| Yo Y Growth (\%) |  |  |  |  | 64.1 | 0.0 | 0.0 | 0.0 | 47.2 | 61.6 |
| QoQ Growth (\%) |  |  |  |  |  | 12.9 | 12.4 | 11.2 | 12.3 |  |
| Access \& Interconnect Charges | 1,514 |  |  | 2,203 | 2,396 | 2,740 | 3,046 | 3,461 | 7,287 | 11,642 |
| Net Revenue | 7,489 |  |  | 10,882 | 12,377 | 13,865 | 15,413 | 17,262 | 36,377 | 58,916 |
| Total Operating Expenses | 4,469 |  |  | 6,519 | 7,249 | 8,385 | 9,340 | 10,728 | 21,740 | 35,702 |
| EBITDA | 3,020 |  |  | 4,363 | 5,128 | 5,479 | 6,073 | 6,534 | 14,637 | 23,214 |
| Margin (\%) | 33.5 |  |  | 33.3 | 34.7 | 33.0 | 32.9 | 31.5 | 33.5 | 32.9 |
| Net Finance Costs | 721 |  |  | 975 | 143 | 1,250 | 1,250 | 1,288 | 3,291 | 3,932 |
| Cash Profit from Operations | 2,299 |  |  | 3,388 | 4,984 | 4,229 | 4,823 | 5,245 | 11,345 | 19,282 |
| Non-Operating Income |  |  |  |  | 4 | 125 | 125 | 247 | 465 | 500 |
| Depreciation \& Amortisation | 1,456 |  |  | 1,761 | 1,887 | 2,150 | 2,600 | 2,921 | 6,718 | 9,558 |
| Profit before Tax | 863 |  |  | 1,953 | 3,101 | 2,204 | 2,348 | 2,571 | 5,092 | 10,224 |
| Income Tax Expense / (Income) | 4 |  |  | 19 | 16 | 33 | 35 | 69 | 60 | 153 |
| Net Profit / (Loss) | 859 |  |  | 1,934 | 3,085 | 2,171 | 2,313 | 2,501 | 5,032 | 10,071 |
| QoQ Growth (\%) |  |  |  |  | 59.5 | -29.6 | 6.5 | 8.2 | 103.7 | 100.1 |
| Margin (\%) | 9.5 |  |  | 14.8 | 20.9 | 13.1 | 12.5 | 12.1 | 11.5 | 14.3 |

E: MOSt Estimates

# Reliance Communication 

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> RCOM IN <br> REUTERS CODE |
| :--- | :--- |
| S\&P CNX: 5,021 | RLCM.BO |
| Equity Shares (m) | $2,044.6$ |
| 52-Week Range | $611 / 334$ |
| 1,6,12 Rel. Perf. (\%) | $-3 / 6 / 33$ |
| M.Cap. (Rs b) | $1,197.4$ |
| M.Cap. (US\$ b) | 30.1 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 586 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 144,682 | 31,637 | 15.6 | 563.6 | 37.5 | 5.2 | 18.2 | 10.6 | 8.5 | 21.4 |
| 3/08E | 206,584 | 46,138 | 22.6 | 44.5 | 26.0 | 4.3 | 18.3 | 12.1 | 6.0 | 14.0 |
| 3/09E | 262,155 | 59,270 | 29.0 | 28.5 | 20.2 | 3.6 | 19.4 | 15.0 | 4.6 | 10.7 |

* We expect overall revenue of RCom to grow $12.6 \%$ QoQ, driven by growth in mobility and global revenue. We expect RCom to add 4.5 m subscribers in 2QFY08.
\& Overall EBITDA margin is expected to decrease by 20 bp to $42 \%$. ARPU is likely to fall by $3 \%$ to Rs 364 , EBITDA margin for wireless business is expected to decline by 10 bp QoQ.
* We expect stable margins in long distance business despite pressure on retention, as proportion of data revenue is expected to increase. We expect broadband business margins to stabilise around $45 \%$.
\& Net profit is expected to decline $7 \%$ sequentially, since 1 QFY08 had one-time forex gains on account of rupee appreciation. Adjusting for forex fluctuations, we expect the profits to grow $4 \%$ QoQ.
\& The stock trades at 26x FY08E and 20.2x FY09E earnings. We Recommend Buy.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3 Q | 4 Q | 10 | 2QE | 3QE | 4 QE |  |  |
| Gross Revenue | 32,501 | 35,260 | 37,553 | 39,369 | 43,037 | 48,458 | 53,909 | 61,179 | 144,682 | 206,584 |
| Yo Y Growth (\%) | 42.4 | 39.8 | 25.6 | 32.5 | 32.4 | 37.4 | 43.6 | 55.4 | 34.4 | 42.8 |
| QoQ Growth (\%) | 9.4 | 8.5 | 6.5 | 4.8 | 9.3 | 12.6 | 11.2 | 13.5 |  |  |
| Total Operating Expenses | 20,439 | 21,734 | 22,281 | 23,018 | 24,895 | 28,113 | 30,852 | 35,035 | 87,472 | 118,895 |
| EBITDA | 12,062 | 13,525 | 15,271 | 16,352 | 18,142 | 20,345 | 23,057 | 26,144 | 57,210 | 87,687 |
| Margin (\%) | 37.1 | 38.4 | 40.7 | 41.5 | 42.2 | 42.0 | 42.8 | 42.7 | 39.5 | 42.4 |
| Net Finance Costs | 999 | 56 | -657 | -391 | -1,274 | 750 | 750 | 1,405 | 7 | 1,631 |
| Cash Profit from Operations | 11,063 | 13,469 | 15,928 | 16,743 | 19,416 | 19,595 | 22,307 | 24,739 | 57,203 | 86,057 |
| Depreciation \& Amortisation | 5,514 | 6,237 | 6,524 | 6,378 | 6,192 | 7,430 | 9,659 | 10,705 | 24,653 | 33,985 |
| Profit before Tax | 5,549 | 7,233 | 9,404 | 10,365 | 13,224 | 12,165 | 12,648 | 14,034 | 32,550 | 52,073 |
| Income Tax Expense / (Income) | 272 | 59 | 130 | 149 | 1,031 | 852 | 885 | 1,137 | 611 | 3,905 |
| Reported Net Profit / (Loss) | 5,127 | 7,023 | 9,244 | 10,243 | 12,208 | 11,313 | 11,763 | 12,897 | 31,637 | 48,167 |
| QoQ Growth (\%) | 27.3 | 37.0 | 31.6 | 10.8 | 19.2 | -7.3 | 4.0 | 9.6 | 612.7 | 52.2 |
| Margin (\%) | 15.8 | 19.9 | 24.6 | 26.0 | 28.4 | 23.3 | 21.8 | 21.1 | 21.9 | 23.3 |

E: MOSt Estimates; Financials as per US GAAP

# Textiles 

BSE Sensex: 17,291

| COMPANY NAME | PG. |
| :--- | :---: |
| Alok Industries | 250 |
| Arvind Mills | 251 |
| Gokaldas Exports | 252 |
| Himatsingka Seide | 253 |
| Raymond | 254 |
| Vardhman Textiles | 255 |
| Welspun India | 256 |

## India one of the major gainers post quota

As per the US Department of Commerce, low cost manufacturing countries have emerged as a major beneficiary in the post quota era, while developed countries have been the key losers. India, which was not even among the top five exporters to US until FY00, has emerged as the third largest apparel exporter to US in CY06 - a market share of 5.3\%. The major losers since FY00 have been Mexico, Hong Kong and Dominican Republic, while the major gainers post quota abolishment have been China, India, Indonesia and Bangladesh.

MARKET SHARE OF TOP 5 APPAREL SUPPLIERS TO US DURING CY00-CY06 (\%)

|  | FIRST | SECOND | THIRD | FOURTH | FIFTH |
| :--- | :---: | :---: | :---: | :---: | :---: |
| 2000 | Mexico | China | Hong Kong | Dominican | Honduras |
|  | $(14.7 \%)$ | $(11.3 \%)$ | $(7.1 \%)$ | Republic (4.1\%) | $(3.8 \%)$ |
| 2001 | Mexico | China | Hong Kong | Honduras | India |
|  | $(13.8 \%)$ | $(11.9 \%)$ | $(6.7 \%)$ | $(3.8 \%)$ | $(3.6 \%)$ |
| 2002 | China | Mexico | Hong Kong | India | Honduras |
|  | $(13 \%)$ | $(13 \%)$ | $(6.2 \%)$ | $(4.0 \%)$ | $(4.0 \%)$ |
| 2003 | China | Mexico | Hong Kong | India | Honduras |
|  | $(15.6 \%)$ | $(11.2 \%)$ | $(5.4 \%)$ | $(4.0 \%)$ | $(3.7 \%)$ |
| 2004 | China | Mexico | Hong Kong | India | Honduras |
|  | $(18.1 \%)$ | $(10.1 \%)$ | $(5.3 \%)$ | $(4.2 \%)$ | $(3.7 \%)$ |
| 2005 | China | Mexico | India | Hong Kong | Indonesia |
|  | $(25.7 \%)$ | $(8.7 \%)$ | $(5.1 \%)$ | $(4.5 \%)$ | $(3.7 \%)$ |
| 2006 | China | Mexico | India | Indonesia | Bangladesh |
|  | $(29.1 \%)$ | $(7.4 \%)$ | $(5.3 \%)$ | $(4.4 \%)$ | $(3.5 \%)$ |

Losers: Dominican Republic, Honduras, Hong Kong and Mexico; Gainers: China, India, Indonesia
and Bangladesh Source: US Department of Commerce, Office of Textile and Apparel (OTEXA)

| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) |
| Textiles |  |  |  |  |  |  |  |
| Alok Ind | Neutral | 4,591 | 10.1 | 1,097 | 13.4 | 302 | -7.3 |
| Arvind Mills | Neutral | 5,346 | 36.0 | 727 | -15.3 | 53 | -47.7 |
| Gokaldas Exports | Neutral | 2,871 | 2.2 | 238 | -24.6 | 111 | -46.5 |
| Himatsingka Seide | Neutral | 728 | 55.0 | 192 | 20.9 | 141 | -13.3 |
| Raymond | Neutral | 4,769 | 33.0 | 630 | -1.8 | 131 | -76.4 |
| Vardhman Textiles | Buy | 5,702 | 7.9 | 1,004 | 9.4 | 348 | -17.7 |
| Welspun Ind | Neutral | 2,892 | 4.6 | 506 | 19.7 | 179 | 87.9 |
| Sector Aggregate |  | 26,901 | 16.9 | 4,394 | 2.6 | 1,266 | -32.4 |

## Rupee appreciation - a severe blow for the industry

2QFY08 results of most textiles companies would reflect the negative impact of close to $\sim 9 \%$ appreciation in the rupee against the US dollar. Companies such as Welspun, Alok and Gokaldas, where exports constitute a large portion of the turnover, would face the maximum brunt of the appreciating rupee.

## Competitiveness of Indian players to be impacted

The growth in Indian textile exports, post quota abolishment, has been lagging the growth witnessed by neighboring countries such as Pakistan, Bangladesh, Sri Lanka etc. We believe that competitiveness of the Indian textile industry will be impacted further by the sharp rupee appreciation.

## Trade shift to developing countries slower than anticipated

W orld 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. Key reasons: (1) tariff differentials; (2) preferential agreements; (3) re-imposition 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.

## Removal of trade restrictions on China poses additional threat

Removal of the restrictions on Chinese textile exports by the EU and US, CY07 and CY08 onwards, is likely to pose increased threat to the Indian textile industry going forward. We expect pressure on Indian textile exports to increase substantially from CY07 itself, due to the higher quota availability for China from both the EU and the US. Further, with the complete removal of textile export restrictions on China by the EU and US post CY08, pricing pressure too is likely to increase for India.

| Restriction on China by eu-25: Growth rates in Key Categories (\%) |  |  |  |
| :--- | ---: | ---: | ---: |
|  | CY05 | 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: GRO WTH RATES IN KEY CATEGORIES (\%) |  |  |  |
| :--- | :---: | :---: | :---: |
|  |  |  |  |
| Growth Rate Cap | 2006 | 2007 | 2008 |
| Men' and Boys' Cotton Knit Shirts |  |  |  |
| 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 |

However, ins pite of increased competition from China, we expect Indian textile exports to continue to do well in select high-value-added cotton-based categories, where it already enjoys a leadership position in the US and EU.

| INDIA' S MARKET SHARE IN US FOR KEY CATEGORIES |  |
| :--- | :---: |
| APPAREL CATEG ORY | MARKET SHARE (\%) |
| Women's/Girls' Cotton Woven Shirts/Blouses | 27.8 |
| Cotton Skirts | 21.9 |
| Cotton Dresses | 15.0 |
| Men' s/Boys' Cotton Shirts, Woven | 11.3 |
| Women's/Girls' Woven MMF Shirts/Blouses | 10.2 |
| MMF Skirts | 10 |
| MMF Dresses | 7.1 |

INDIA' S MARKET SHARE IN EU MARKET FOR KEY CATEGORIES

| APPAREL CATEGORY | MARKET SHARE (\%) |
| :--- | :---: |
| Women's/Girls' Woven Dresses | 16.2 |
| Women's/Girls' Woven Blouses/Shirts | 15.9 |
| Women's/Girls' Knitted Dresses | 15.1 |
| Woven Skirts | 13.9 |
| Women's/Girls' Knitted Blouses/Shirts | 9.9 |

Source: Eurostat, CRISIL Research

## Domestic RMG market to emerge as a big opportunity

CRISIL estimates overall readymade garment (RMG) market size to grow at a CA GR of $14.4 \%$, over FY06-FY11 to US $\$ 50.4 \mathrm{~b}$ from around US $\$ 25.8 \mathrm{~b}$ in FY06. CRISIL estimates the domestic RMG market to grow at a CA GR of $12.6 \%$ to US $\$ 32$ b by FY11 from around US $\$ 17.7 \mathrm{~b}$ 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.


## TUF sanctions witness a sharp jump

Sanctions under the Textile Upgradation Fund (TUF) scheme witnessed an unprecedented increase over the last few years, owing to large capex initiatives by a majority of the textile players. Total sanctions under the TUF scheme stood at around Rs 584 b between FY02-FY07. Sanctions under this scheme increased by almost 2x in FY07 to Rs 300b compared with Rs 150b in FY06. Availability of easy and cheap finance has enabled the Indian textile industry to modernize and create a credible scale for itself. As a result, a majority of the Indian textile industry players today have access to the latest technology and machinery and can offer critical scale to global buyers.


Source: Company/Motilal Oswal Securities

## TUF scheme extended by 5 years

A prominent measure in the Union Budget 2007-2008 was extension of the TUF scheme to the Eleventh Five Year Plan. Though extension of the TUF scheme by five years is a long term positive for textiles, in the medium-to-short term, it is likely to compound the prevailing problem of overcapacity due to the continued availability of subsidized funds. Further, attractiveness of the TUF scheme has also reduced considerably for large organized players, due to the increased interest rate scenario. While the effective interest cost for textile companies after TUF subsidy was $3 \%-4 \%$ earlier, it would increase to $7 \%-8 \%$ going forward due to the prevailing high interest rates.

## Neutral on sector; Vardhman Textiles top pick

We believe the textile industry is today on a much stronger footing. Most of the companies have expanded and modernized their capacities to reach critical size. Consequently, due to their modern plants and global capacities, they have also managed to forge strategic relationships with large international institutional buyers. This has allowed them to move from a transition-based model to one that is based on strategic vendor-based relationships. 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 continue to maintain our Neutral rating on Alok, Arvind, Gok aldas, Himatsingka Seide, Raymond and Welspun. We remain bullish on Vardhman Textiles and rate it as our top pick in the textile industry.

## 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 Ind | 28 | 9 | 9 | -31 | 20 | 31 |
| Arvind Mills | 44 | -6 | 25 | -45 | 36 | 16 |
| Gokaldas Exports | 6 | -21 | -13 | -61 | -2 | 1 |
| Himatsingka Seide | -15 | -24 | -34 | -64 | -23 | -2 |
| Raymond | 6 | -26 | -14 | -66 | -3 | -4 |
| Vardhman Textiles | -10 | -46 | -29 | -85 | -18 | -24 |
| Welspun Ind | 6 | -32 | -13 | -72 | -2 | -10 |



| STOCK INFO. <br> BSE Sensex: 17,291 | BLOOMBERG |
| :---: | :---: |
|  | ALOK IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 A | ALOK.BO |
| Equity Shares (m) | 199.1 |
| 52-Week Range | 78/50 |
| 1,6,12 Rel. Perf. (\%) | \%) -6/-8/-31 |
| M.Cap. (Rs b) | 12.6 |
| M.Cap. (US\$ b) | 0.3 |

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Neutral

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | $\frac{\mathrm{Rs} 71}{\substack{\text { EV/ } \\ \text { EBITDA }}}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | NET SALES (RS M) | $\begin{gathered} \text { PAT } \\ (\text { RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS* } \\ & \text { (RS) } \end{aligned}$ | EPS GROWTH (\%) | $\begin{aligned} & \text { P/E } \\ & (X) \end{aligned}$ | $\begin{gathered} \mathrm{P} / \mathrm{BV} \\ (\mathrm{X}) \end{gathered}$ | ROE <br> (\%) | ROCE <br> (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ |  |
| 3/07A | 18,290 | 1,419 | 8.3 | 32.7 | 7.6 | 1.0 | 16.5 | 6.5 | 2.0 | 8.6 |
| 3/08E | 22,397 | 1,828 | 9.2 | 28.9 | 6.9 | 0.9 | 13.2 | 7.0 | 2.1 | 8.8 |
| 3/09E | 27,334 | 2,049 | 10.3 | 12.1 | 6.2 | 0.8 | 13.2 | 7.1 | 2.1 | 8.7 |

${ }^{*}$ Fully Diluted EPS
2. For 2QFY08, we expect Alok to post revenue of Rs4.6b, up $10 \%$ YoY, aided by higher capacities across all textile segments.
2. EBITDA margin is likely to increase 70 bp YoY to $23.9 \%$ led by higher sales from value added segments. However, PAT is likely to decline by around $7.3 \%$ YoY to Rs 302 m on account of higher depreciation and interest cost.
2. Alok's performance during 2QFY08 is negatively impacted due to a fire at the company's Silvassa factory, which has 70 texturizing machines. However, the company does not expect any major impact on its overall operations.
\& During 1QFY08, Alok announced several new initiatives, which include foray into real estate business and increased focus on the retail business.
2. Alok is planning to expand in the retail segment and has an aggressive plan to open close to 150 retail stores by FY08. Alok is also planning a textile SEZ at Vapi, for which it has already managed to acquire the land and has received the necessary approvals.
\& We estimate Alok's total debt in FY08 to be around Rs 40b, implying a debt/equity ratio of 2.3x, which we believe is a high risk in the current rising interest scenario.
\& A lok trades at a P/E of 6.9x FY08E EPS and 6.2x FY09E EPS. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4 Q | $1 Q$ | 2QE | 3QE | 4QE |  |  |
| Sales | 3,579 | 4,172 | 4,799 | 5,741 | 4,189 | 4,591 | 6,047 | 7,569 | 18,290 | 22,397 |
| Change (\%) | 19.6 | 20.8 | 31.0 | 40.8 | 17.1 | 10.1 | 26.0 | 31.8 | 28.9 | 22.4 |
| Total Expenditure | 2,772 | 3,204 | 3,726 | 4,420 | 3,173 | 3,494 | 4,596 | 5,724 | 14,123 | 16,988 |
| EBITDA | 806 | 968 | 1,073 | 1,321 | 1,016 | 1,097 | 1,451 | 1,845 | 4,168 | 5,409 |
| Change (\%) | 37.1 | 36.7 | 32.5 | 50.8 | 26.0 | 13.4 | 35.2 | 39.7 | 40.7 | 29.8 |
| As \% of Sales | 22.5 | 23.2 | 22.4 | 23.0 | 24.2 | 23.9 | 24.0 | 24.4 | 22.8 | 24.2 |
| Depreciation | 246 | 280 | 325 | 354 | 358 | 391 | 407 | 474 | 1,205 | 1,630 |
| Interest | 170 | 213 | 242 | 269 | 270 | 316 | 329 | 402 | 893 | 1,318 |
| Other Income | -4 | -16 | 32 | 19 | 2 | 36 | 38 | 75 | 32 | 151 |
| Non Recurring Expense | 0 | 0 | 0 | 334 | 396 | 0 | 0 | 0 | 334 | 396 |
| PBT | 386 | 459 | 539 | 1,051 | 785 | 426 | 752 | 1,044 | 2,435 | 3,007 |
| Tax | 117 | 132 | 168 | 265 | 235 | 123 | 220 | 300 | 682 | 879 |
| Effective Tax Rate (\%) | 28.2 | 28.9 | 31.2 | 25.2 | 30.0 | 29.0 | 29.2 | 28.7 | 28.0 | 30.0 |
| Repoted PAT | 269 | 326 | 371 | 787 | 550 | 302 | 532 | 744 | 1,753 | 2,129 |
| Change (\%) | 31.0 | 28.1 | 25.7 | 139.4 | 104.3 | -7.3 | 43.7 | -5.4 | 61.8 | 21.4 |
| Adj. PAT | 269 | 326 | 371 | 452 | 285 | 302 | 532 | 744 | 1,419 | 1,828 |
| Change (\%) | 31.0 | 28.1 | 25.7 | 30.4 | 5.9 | -7.3 | 43.7 | 64.4 | 30.9 | 28.9 |

## E: MOSt Estimates

# Arvind Mills 

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> ARVND IN <br> REUTERS CODE |  |
| :--- | ---: | :---: |
| S\&P CNX: 5,021 | ARMI.BO |  |
| Equity Shares (m) | 209.4 |  |
| 52-Week Range | $73 / 42$ |  |
| 1,6,12 Rel. Perf. (\%) | $19 / 4 /-45$ |  |
| M.Cap. (Rs b) | 13.0 |  |
| M.Cap. (US\$ b) | 0.3 |  |

28 September 2007

## Neutral

| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | $\frac{\text { Rs } 62}{\substack{\text { EV/ } \\ \text { EBITDA }}}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| year | net sales | PAT | EPS | EPS | P/E | P/BV | Roe | ROCE | EV/ |  |
| End | (RS M) | (RS M) | (RS) | GROWTH (\%) | (X) | (X) | (\%) | (\%) | SALES |  |
| 3/07A | 18,449 | 1,196 | 0.8 | -6.0 | 53.8 | 0.6 | 1.1 | 8.2 | 1.5 | 9.0 |
| 3/08E | 22,092 | 325 | 1.6 | 84.9 | 29.1 | 0.6 | 2.0 | 5.5 | 1.3 | 9.1 |
| 3/09E | 25,166 | 836 | 4.0 | 157.1 | 11.3 | 0.6 | 5.0 | 7.0 | 1.1 | 7.6 |

25 For 2QFY08, we expect Arvind to record revenue growth of $36 \%$ YoY to Rs 5.3 , primarily driven by higher garment sales.
\& EBITDA margin is likely to decline 823bp Yo Y to $13.6 \% \mathrm{v} / \mathrm{s} 21.8 \%$ in 2QFY07.
\& During 2QFY08, though denim situation improved in the international markets, the domestic market continued 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.

* 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.
* Arvind plans to aggressively expand its garment manufacturing capacity from 13 m pieces pa in FY07 to around 42.2 m pieces pa by FY09 to de-risk itself from denim. The stock trades at 29.1x FY08E and 11.3x FY09E earnings. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4 Q | $1 Q$ | 2QE | 3QE | 4QE |  |  |
| Sales | 4,208 | 3,932 | 4,479 | 4,831 | 5,103 | 5,346 | 5,523 | 6,119 | 18,449 | 22,092 |
| Change (\%) | 0.1 | -8.1 | 14.8 | 35.0 | 21.3 | 36.0 | 23.3 | 26.7 | 15.6 | 19.7 |
| Total Expenditure | 3,376 | 3,074 | 3,769 | 4,159 | 4,382 | 4,619 | 4,766 | 5,297 | 14,378 | 19,064 |
| EBITDA | 832 | 859 | 710 | 672 | 721 | 727 | 757 | 822 | 3,051 | 3,028 |
| Change (\%) | -27.6 | -19.1 | -22.7 | -22.1 | -13.3 | -15.3 | 6.6 | 22.2 | -23.6 | -0.8 |
| As \% of Sales | 19.8 | 21.8 | 15.8 | 13.9 | 14.1 | 13.6 | 13.7 | 13.4 | 16.5 | 13.7 |
| Depreciation | 404 | 383 | 347 | 302 | 355 | 324 | 324 | 293 | 1,434 | 1,295 |
| Interest | 373 | 378 | 399 | 407 | 438 | 389 | 405 | 325 | 1,579 | 1,558 |
| Other Income | 53 | 6 | 27 | 81 | 52 | 42 | 44 | 38 | 163 | 175 |
| Non Recurring Expense | -56 | -46 | 1,068 | 15 | 83 | 0 | 0 | 0 | 1,020 | 83 |
| PBT | 52 | 58 | 1,058 | 58 | 63 | 56 | 72 | 241 | 1,220 | 432 |
| Tax | 6 | 2 | 10 | 4 | 5 | 3 | 5 | 12 | 24 | 24 |
| Effective Tax Rate (\%) | 11.3 | 3.8 | 1.0 | 7.2 | 5.0 | 5.0 | 7.0 | 8.2 | 2.0 | 5.7 |
| Reported PAT | 46 | 55 | 1,048 | 54 | 58 | 53 | 67 | 229 | 1,196 | 408 |
| Adj. PAT | 103 | 101 | -20 | 39 | -24 | 53 | 67 | 229 | 176 | 325 |
| Change (\%) | -77.2 | -72.8 | -108.5 | -81.6 | -123.9 | -47.7 | -436.1 | 480.5 | -86.2 | 84.9 |

E: MOSt Estimates, * Restated Quarterly Numbers
Siddharth Bothra (Sbothra@MotilalOswal.com); Tel: +91 2239825407

# Gokaldas Exports 

| STOCK INFO. | $\begin{array}{l}\text { BLOOMBERG } \\ \text { BSE Sensex: } 17,291 \\ \text { GOKL IN }\end{array}$ |
| :--- | ---: |
| SEUTERS CODE |  |$]$| R\&P CNX: 5,021 | GOKL.BO |
| :--- | ---: |
| Equity Shares (m) | 34.4 |
| 52-Week Range | $342 / 186$ |
| 1,6,12 Rel. Perf. (\%) | $-18 /-27 /-61$ |
| M.Cap. (Rs b) | 8.5 |
| M.Cap. (US\$ b) | 0.2 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  | Rs 248 |
| 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 | 12.1 | 2.1 | 18.9 | 15.7 | 1.0 | 8.9 |
| 3/08E | 11,963 | 644 | 18.7 | -8.3 | 13.2 | 1.9 | 15.1 | 12.9 | 0.9 | 9.2 |
| 3/09E | 13,674 | 880 | 25.6 | 36.5 | 9.7 | 1.6 | 17.9 | 15.3 | 0.8 | 7.3 |

2. We expect revenue to increase $2.2 \%$ in 2QFY08 to Rs 2.9 b, primarily aided by increase in volumes. Revenue growth would have been higher but for the sharp rupee appreciation by $\sim 9-10 \%$. Almost $94 \%$ of revenue is derived from exports.
\& W e expect EBITDA margin to decline 295bp YoY to $8.3 \%$ as a result of the sharp rupee appreciation against the US dollar.
\& We expect PAT to decline $47 \%$ YoY to Rs $111 \mathrm{~m} v / \mathrm{s}$ Rs 208m in 2QFY07.
\& During 2QFY08, the promoters of Gokaldas sold $50.1 \%$ stake in the company to Blackstone FP Capital Partners (Mauritius) at a price of Rs $275 /$ share. Post this transaction, Blackstone would make an open offer for another $20 \%$ of the equity capital from existing shareholders, implying a total investment of US $\$ 165 \mathrm{~m}$.

* We are lowering our profit estimates for FY08 by $13.7 \%$ to Rs 644 m to account for the sharp rupee appreciation.
\& We expect the company to register revenue CAGR of $15 \%$ and profit CAGR of $12 \%$ over FY07-FY09. The stock trades at 13.2 x FY08E and $9.7 \times$ FY09E earnings and is close to our one-year target price of Rs 260 . We downgrade the stock to Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | $1 Q$ | 2 Q | 3 Q | 4Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Sales | 2,216 | 2,810 | 2,553 | 2,766 | 2,619 | 2,871 | 3,051 | 3,423 | 10,344 | 11,963 |
| Change (\%) | 23.8 | 13.7 | 16.4 | 15.7 | 8.2 | 2.2 | 19.5 | 23.8 | 17.0 | 15.7 |
| Total Expenditure | 1,991 | 2,494 | 2,263 | 2,398 | 2,410 | 2,633 | 2,715 | 3,015 | 9,146 | 10,773 |
| EBITDA | 225 | 316 | 290 | 367 | 209 | 238 | 336 | 408 | 1,198 | 1,190 |
| Change (\%) | 26 | 19 | 21 | 33 | -7 | -25 | 16 | 11 | 25 | -0.7 |
| As \% of Sales | 10.2 | 11.2 | 11.4 | 13.3 | 8.0 | 8.3 | 11.0 | 11.9 | 11.6 | 10.0 |
| Depreciation | 52 | 60 | 68 | 70 | 72 | 76 | 76 | 80 | 250 | 306 |
| Interest | 46 | 54 | 55 | 65 | 71 | 62 | 62 | 63 | 220 | 259 |
| Other Income | 22 | 16 | 12 | 1 | 51 | 23 | 24 | -7 | 51 | 90 |
| PBT | 150 | 218 | 179 | 234 | 116 | 122 | 221 | 257 | 780 | 716 |
| Tax | 14 | 10 | 1 | 52 | 11 | 11 | 20 | 30 | 77 | 72 |
| Effective Tax Rate (\%) | 9.7 | 4.4 | 10.2 | 22.4 | 8.0 | 9.0 | 9.0 | 11.7 | 9.9 | 10.0 |
| Repoted PAT | 135 | 208 | 178 | 181 | 105 | 111 | 201 | 227 | 703 | 644 |
| Change (\%) | 16.3 | 12.4 | 13.4 | 20.6 | -22.1 | -46.5 | 13.0 | 24.9 | 15.4 | -8.3 |

E:MOSt Estimates

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> HSS IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 5,021 | HMSD.BO |
| Equity Shares (m) | 97.4 |
| 52-Week Range | $150 / 98$ |
| 1,6,12 Rel. Perf. (\%) | $-28 /-47 /-64$ |
| M.Cap. (Rs b) | 9.9 |
| M.Cap. (US\$ b) | 0.3 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 101 |
| 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 | 1,742 | 546 | 5.6 | 12.3 | 20.5 | 1.8 | 9.3 | 7.4 | 6.0 | 21.6 |
| 3/08E | 3,626 | 606 | 6.2 | 11.0 | 18.5 | 1.8 | 9.8 | 9.1 | 3.0 | 12.4 |
| 3/09E | 6,355 | 1,109 | 11.4 | 82.9 | 10.1 | 1.6 | 16.4 | 15.5 | 1.8 | 7.3 |

* Consolidated
\& For 2QFY08, we expect Himatsingka to report revenue growth of $55 \%$ YoY to Rs 728 m on the back of higher contribution from yarn and better utilization rates.

2. We expect EBITDA margin to drop 744bp YoY to $26.4 \%$ on the back of lower margins in the bed linen business.
\& PAT is likely to drop $13.3 \%$ YoY to Rs 141 m .
\& Its foray into the bed linen segment is progressing as planned, with the 20 m plant having commenced production in February 2007. The plant is located at the Hassan special economic zone (SEZ), Karnataka. The bed linen plant can post revenue of around Rs 4 b once it is fully operational.
\& We expect the company to post EPS of Rs 6.2 for FY08 and Rs 11.4 for FY09. The stock is trading at a P/E of 18.5 x FY08E and 10.1x FY09E earnings. Maintain Neutral.

| QUARTERLY Performance (Standalone) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4Q | 10 | 2 QE | 3QE | 4QE |  |  |
| Sales | 378 | 470 | 463 | 432 | 831 | 728 | 828 | 924 | 1,509 | 1,427 |
| Change (\%) | 10.5 | 23.5 | 13.5 | 14.0 | 120.1 | 55.0 | 78.9 | 114.0 | 8.4 | -5.5 |
| Total Expenditure | 252 | 311 | 321 | 374 | 735 | 536 | 615 | 570 | 991 | 963 |
| EBITDA | 126 | 159 | 142 | 58 | 96 | 192 | 212 | 353 | 518 | 464 |
| Change (\%) | -4.9 | 7.8 | 7.4 | -45.3 | -23.4 | 20.9 | 49.9 | 508.8 | -6.0 | -10.4 |
| As \% of Sales | 33.3 | 33.8 | 30.6 | 13.4 | 11.6 | 26.4 | 25.7 | 38.2 | 34.3 | 32.5 |
| Depreciation | 35 | 37 | 37 | 31 | 55 | 61 | 73 | 116 | 138 | 140 |
| Interest | 1 | 1 | 2 | 1 | 26 | 14 | 15 | 5 | 11 | 4 |
| Other Income | 62 | 69 | 68 | 71 | 62 | 42 | 44 | 27 | 143 | 271 |
| PBT | 151 | 190 | 171 | 98 | 78 | 159 | 168 | 259 | 512 | 589 |
| Tax | 7.0 | 27.0 | 20.8 | 8.5 | 14.1 | 17.8 | 19.3 | 25.0 | 28.6 | 63.3 |
| Effective Tax Rate (\%) | 4.6 | 14.2 | 12.2 | 8.7 | 18.0 | 11.2 | 11.5 | 11.8 | 5.6 | 10.7 |
| Reported PAT | 144 | 163 | 150 | 89 | 64 | 141 | 148 | 234 | 483 | 526 |
| Adj. PAT | 144 | 163 | 150 | 89 | 64 | 141 | 148 | 234 | 483 | 526 |
| Change (\%) | 27.8 | 22.7 | 25.5 | -24.8 | -55.6 | -13.3 | -1.1 | 162.9 | 9.1 | 8.9 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 17,291 | RW IN <br>  <br> REUTERS CODE |
| S\&P CNX: 5,021 RYM D.BO |  |
| Equity Shares (m) | 61.4 |
| 52-Week Range | $478 / 251$ |
| 1,6,12 Rel. Perf. (\%) | $10 /-38 /-66$ |
| M.Cap. (Rs b) | 19.9 |
| M.Cap. (US\$ b) | 0.5 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 324 |
| 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 | 20,407 | 949 | 15.5 | -27.4 | 21.0 | 1.4 | 10.5 | 8.4 | 1.2 | 9.8 |
| 3/08E | 22,265 | 1,114 | 18.1 | 17.4 | 17.9 | 1.4 | 7.7 | 9.2 | 1.1 | 7.6 |
| 3/09E | 24,934 | 1,692 | 27.6 | 51.9 | 11.8 | 1.3 | 10.9 | 11.6 | 0.9 | 6.0 |

* Consolidated
* From 2QFY08, Raymond will be declaring consolidated results, which are not comparable to the standalone quarterly of the previous quarters.

8. We expect Raymond to report consolidated revenue of Rs 4.8 b in 2QY08 compared to standalone revenue of Rs 3.6b in 2QFY07.
\& EBITDA for 2QFY08 is likely to be around Rs $630 \mathrm{~m} v / \mathrm{s}$ standalone EBITDA of Rs 641 m in 2QFY07.
\& Raymond's denim JV is facing cost pressure at its plants in the US and Romania and is operating at low utilization rates of $\sim 70 \%$.

* 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 the high rentals. Management has given a guidance of $20 \%-25 \%$ CAGR for its branded apparel business over the next two to three years.
\& We are lowering our consolidated revenue estimates for FY08 and FY09 by $4 \%$ and $3 \%$ respectively to Rs 22 b and Rs 24.9 b respectively. We are also lowering our PAT estimates for FY08 and FY09 by $14 \%$ and $7 \%$ respectively.
\& The stock trades at 17.9x FY08E and 11.8x FY09E earnings. It has an EV/EBITDA of 7.6x FY08E and 6x FY09E. We maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 * |  |  |  | FY07* | FY 08E* |
|  | 1Q* | 2Q\# | 3Q \# | 4Q\# | 1Q | 2QE | 3QE | 4QE |  |  |
| Net Sales | 3,688 | 3,586 | 2,973 | 3,477 | 4,609 | 4,676 | 5,566 | 7,655 | 20,407 | 22,265 |
| Change (\%) |  | 2.6 | -13.9 | -9.5 | 25.0 | 30.4 | 87.3 | 120.1 | 54.0 | 9.1 |
| Total Expenditure | 3,361 | 2,945 | 2,483 | 3,040 | 4,378 | 4,058 | 4,692 | 6,267 | 17,934 | 19,125 |
| EBITDA | 327 | 641 | 489 | 437 | 231 | 617 | 874 | 1,388 | 2,473 | 3,140 |
| Change (\%) | 2.8 | 16.4 | -17.0 | -17.7 | -29.4 | -3.7 | 78.6 | 217.3 | 24.3 | 27.0 |
| As \% of Sales | 8.9 | 17.9 | 16.5 | 12.6 | 5.0 | 13.2 | 15.7 | 18.1 | 12.1 | 14.1 |
| Depreciation | 210 | 146 | 134 | 165 | 340 | 346 | 346 | 352 | 1,257 | 1,384 |
| Interest | 84 | 93 | 72 | 78 | 216 | 184 | 192 | 175 | 502 | 766 |
| Other Income | 196 | 160 | 268 | 94 | 375 | 83 | 83 | 10 | 780 | 550 |
| Extra-ordinary Income | -14 | 859 | 43 | -29 | -36 | 0 | 0 | 0 | 451 | -36 |
| PBT | 215 | 1,421 | 552 | 259 | 14 | 170 | 419 | 871 | 1,945 | 1,503 |
| Tax | 46 | 6 | 165 | 153 | 22 | 48 | 119 | 249 | 549 | 446 |
| Effective Tax Rate (\%) | 24.0 | 0.5 | 29.9 | 58.9 | 157.1 | 28.0 | 28.5 | 28.6 | 28.2 | 29.7 |
| Reported PAT | 135 | 1,415 | 387 | 107 | -8 | 122 | 299 | 622 | 1,396 | 1,057 |
| Adj. PAT after MI | 149 | 556 | 344 | 136 | 28 | 122 | 299 | 622 | 949 | 1,114 |
| Change (\%) | -20.6 | 66.4 | 31.6 | -61.0 | -81.2 | -78.0 | -12.8 | 358.0 | -13.8 | 17.4 |

E: MOSt Estimates, * Consolidated, \# Standalone

## Vardhman Textiles

| STOCK INFO.  <br> BSE Sensex: 17,291 BLOOMBERG <br> VTEX IN <br> REUTERS CODE  |  |
| :--- | ---: |
| S\&P CNX: 5,021 | MHSP.BO |
| Equity Shares (m) | 64.1 |
| 52-Week Range | $345 / 132$ |
| 1,6,12 Rel. Perf. (\%) | $-12 /-59 /-85$ |
| M.Cap. (Rs b) | 9.4 |
| M.Cap. (US\$ b) | 0.2 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 147 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 5.5 | 0.9 | 16.6 | 9.3 | 1.2 | 6.9 |
| 3/08E | 23,759 | 1,429 | 22.3 | -16.8 | 6.6 | 0.8 | 12.2 | 7.8 | 1.5 | 8.4 |
| 3/09E | 29,817 | 1,792 | 28.0 | 25.4 | 5.3 | 0.7 | 13.7 | 8.0 | 1.3 | 7.0 |

Vardhman Textiles has issued a bonus of 1:2
\& For 2QFY08, Vardhman is likely to report revenue growth of $7.9 \%$ to around Rs 5.7 b . We expect EBITDA margin to improve 24 bp to $17.6 \% \mathrm{v} / \mathrm{s} 17.4 \%$ in 2 QFY 07 , on the back of improved performance in the fabric business.
\& Adjusted PAT is likely to register $17.7 \%$ YoY decline to Rs 348 m v/s Rs 423 m in 2QFY07.
e We expect Vardhman's EBITDA margin to improve marginally in 2QFY08, due to increase in yarn prices by $2-3 \%$ and better performance from the fabric business.
es The company is currently implementing an ambitious Rs 16b capex plan, which would double its fabric capacity and increase spinning capacity by nearly $50 \%$.
\& We expect Vardhman Textiles’ sales and earnings to witness CA GR of $20 \%$ and $2 \%$ respectively over FY07- FY09.
es The stock trades at 6.6 x FY08E and 5.3 x FY09E earnings. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 3 Q | 4 Q | $1 Q$ | 2QE | 3QE | 4QE |  |  |
| Sales | 4,755 | 5,283 | 5,438 | 5,400 | 5,276 | 5,702 | 6,177 | 6,604 | 20,876 | 23,759 |
| Change (\%) | 12.7 | 15.0 | 6.1 | 9.1 | 10.9 | 7.9 | 13.6 | 22.3 | 10.5 | 13.8 |
| Total Expenditure | 133 | 4,366 | 4,470 | 4,632 | 4,380 | 4,699 | 5,035 | 5,470 | 17,388 | 19,582 |
| EBITDA | 836 | 917 | 968 | 768 | 896 | 1,004 | 1,143 | 1,135 | 3,488 | 4,177 |
| Change (\%) | 6.8 | 7.5 | 1.0 | -8.2 | 7.2 | 9.4 | 18.0 | 47.8 | 1.7 | 19.7 |
| As \% of Sales | 17.6 | 17.4 | 17.8 | 14.2 | 17.0 | 17.6 | 18.5 | 18.8 | 16.7 | 17.6 |
| Depreciation | 286 | 301 | 290 | 317 | 346 | 374 | 413 | 426 | 1,194 | 1,559 |
| Interest | 110 | 99 | 87 | 81 | 165 | 237 | 247 | 338 | 377 | 988 |
| Other Income | 62 | 37 | 77 | 129 | 66 | 72 | 75 | 87 | 340 | 300 |
| Extra-ordinary Income | 0 | 35 | 0 | 1 | 0 | 0 | 0 | 0 | 35 | 0 |
| PBT | 501 | 590 | 668 | 500 | 451 | 465 | 558 | 458 | 2,292 | 1,931 |
| Tax | 126 | 132 | 152 | 131 | 134 | 117 | 146 | 105 | 541 | 502 |
| Effective Tax Rate (\%) | 25.2 | 22.4 | 22.8 | 26.2 | 23.7 | 25.1 | 26.2 | 27.7 | 23.6 | 26.0 |
| Reported PAT | 375 | 458 | 516 | 369 | 317 | 348 | 412 | 353 | 1,752 | 1,429 |
| Adj. PAT | 375 | 423 | 516 | 369 | 317 | 348 | 412 | 353 | 1,717 | 1,429 |
| Change (\%) | 29.4 | 5.9 | 0.5 | -24.9 | -15.5 | -17.7 | -20.2 | -4.4 | 1.4 | -16.8 |

E: MOSt Estimates

# Welspun India 

| STOCK Info. | BLOOMBERG <br> BSE Sensex: 17,291 <br> WLSP IN |
| :--- | ---: |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | WLSP.BO |$\quad$| Equity Shares (m) | 76.8 |
| :--- | ---: |
| 52-Week Range | $105 / 50$ |
| 1,6,12 Rel. Perf. (\%) | $4 /-39 /-72$ |
| M.Cap. (Rs b) | 5.1 |
| M.Cap. (US\$ b) | 0.1 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 67 |
| 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 | 9,736 | 521 | 6.8 | 25.3 | 9.9 | 0.8 | 8.8 | 5.4 | 1.7 | 10.8 |
| 3/08E | 11,569 | 688 | 9.0 | 32 | 7.5 | 0.8 | 10.8 | 6.3 | 1.5 | 8.7 |
| 3/09E | 13,191 | 982 | 12.8 | 42.8 | 5.2 | 0.7 | 13.9 | 8.4 | 1.4 | 6.6 |

\& For 2 QFY 08 , we expect Welspun to post revenue growth of $4.6 \%$ YoY to Rs 2.8 b .
\& EBITDA margin is likely to improve 221 bp YoY to $17.5 \%$, as a result of better utilization in the bed linen segment.
\& PAT is likely to increase by $88 \%$ Yo Y to Rs 179 m in 2 QFY08.
\& During 2QFY08, utilization rates for the bed linen plant improved to around 70-75\%.
\& Going forward, margins in the bed linen segment are likely to improve on the back of increased capacity utilization rates.

* We expect Welspun's revenues and earnings to witness $16 \%$ and $37 \%$ CA GR (FY07-FY09) respectively. Wels pun trades at a P/E of 7.5 x FY08E and 5.2x FY09E earnings. We are Neutral on the stock.

| JARTERLY |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | $1 Q$ | 2 Q | $3 Q$ | 4 Q | $1 Q$ | 2 QE | 3QE | 4QE |  |  |
| Sales | 1,989 | 2,764 | 2,554 | 2,485 | 2,647 | 2,892 | 2,892 | 3,137 | 9,736 | 11,569 |
| Change (\%) | 38.1 | 78.7 | 65.4 | 21.1 | 33.1 | 4.6 | 13.2 | 26.3 | 47.9 | 18.8 |
| Total Expenditure | 1,576 | 2,342 | 2,110 | 2,133 | 2,281 | 2,386 | 2,366 | 2,541 | 8,213 | 9,573 |
| EBITDA | 413 | 423 | 444 | 352 | 367 | 506 | 526 | 597 | 1,523 | 1,996 |
| Change (\%) | 31.5 | 32.2 | 16.7 | 11.9 | -11.2 | 19.7 | 18.6 | 69.8 | 14.6 | 31.1 |
| As \% of Sales | 20.8 | 15.3 | 17.4 | 14.2 | 13.8 | 17.5 | 18.2 | 19.0 | 15.6 | 17.3 |
| Depreciation | 144 | 157 | 166 | 183 | 195 | 187 | 195 | 236 | 651 | 812 |
| Interest | 112 | 122 | 129 | 123 | 155 | 120 | 125 | 100 | 478 | 500 |
| Other Income | 52 | 40 | 75 | 165 | 124 | 72 | 75 | 29 | 429 | 300 |
| Extra-ordinary Income | -90 | 88 | 0 | 0 | - | - | - | - | -2 | - |
| PBT | 119 | 272 | 224 | 210 | 141 | 271 | 282 | 342 | 823 | 1,036 |
| Tax | 43 | 89 | 65 | 107 | 48 | 92 | 95 | 113 | 304 | 348 |
| Effective Tax Rate (\%) | 36.2 | 32.6 | 28.8 | 51.0 | 33.9 | 33.9 | 33.6 | 33.0 | 36.9 | 33.6 |
| Repoted PAT | 76 | 183 | 159 | 103 | 92 | 179 | 187 | 229 | 519 | 688 |
| Adj. PAT | 166 | 95 | 159 | 103 | 92 | 179 | 187 | 229 | 521 | 688 |
| Change (\%) | 53.7 | -24.6 | 115.4 | -3.8 | -44.4 | 87.9 | 17.4 | 122.3 | 25.4 | 32.0 |

[^10]
# Utilities 

BSE Sensex: 17,291

| COMPANY NAME | PG. |
| :--- | :---: |
| CESC | 261 |
| NTPC | 262 |
| Neyveli Lignite | 263 |
| PTC India | 264 |
| Reliance Energy | 265 |
| Tata Power | 266 |

## $11^{\text {th }}$ plan capacity addition: order award on track, execution is the key

The $11^{\text {th }}$ plan envisages capacity addition of $78,577 \mathrm{MW}$ v/s Tenth Plan target of $41,110 \mathrm{MW}$ and an achievement of $21,280 \mathrm{MW}$. Of the $11^{\text {th }}$ Five Year Plan target of $78,577 \mathrm{MW}$, $52,000 \mathrm{MW}$ is under various stages of construction and a large part of balance capacity would be awarded by mid FY09. This is primarily due to the target of NTPC to award its targeted balance capacity for the 11th Plan (14,120 MW) before end-FY09. The capacity addition has been slower during the 10th Plan mainly due to the delay in award of the projects leading to bunching up of capacity addition towards the end of the plan period. The award of orders for the $11^{\text {th }}$ Plan appears to be on track, as $66 \%$ of the total capacity addition planned is already awarded.

However, execution of the project remains the key to achievement of the capacity addition target for the $11^{\text {th }}$ Plan. The $10^{\text {th }}$ Plan shows a slippage of $\sim 10,000 \mathrm{MW}$ due to bunching up of orders leading to delay in project execution. Thus, given that the award of orders for the $11^{\text {th }}$ Plan is largely on track, timely execution of the project would remain key to achievement of the target capacity addition. The achievement in capacity addition until August 2007, though not truly reflective of overall plan achievement, stands at a mere $27.4 \%$ of the capacity addition target to August 2007. Until August 2007, the capacity addition for the $11^{\text {th }}$ Plan stood at $2,265 \mathrm{MW}$ v/s the target capacity addition of $8,269 \mathrm{MW}$.

| SCHEMES | TARGET | APRIL, 07-AUGUST 2007 |  | DEVIATION |
| :---: | :---: | :---: | :---: | :---: |
|  | FY08 | TARGET | ACHIEVEMENT | (+) / (-) |
| Central | 6,560.0 | 2,820.0 | 915.0 | $(1,905.0)$ |
| State | 7,188.2 | 4,359.0 | 1,350.0 | $(3,009.0)$ |
| Pvt. | 3,037.0 | 1,090.0 | - | $(1,090.0)$ |
| Total | 16,785.2 | 8,269.0 | 2,265.0 | $(6,004.0)$ |


| EXPECTED QUARTERLY PERFORMANCE SUMMARY |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | RECO | SALES |  | EBITDA |  | NET PROFIT |  |
|  |  | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) | SEP. 07 | CHG. (\%) |
| Utilities |  |  |  |  |  |  |  |
| CESC | Neutral | 6,953 | 3.0 | 1,442 | 3.0 | 741 | 7.4 |
| Neyveli Lignite Corp. | Buy | 6,809 | 12.0 | 2,928 | 36.6 | 1,631 | -0.5 |
| NTPC | Neutral | 75,679 | 11.1 | 21,721 | 18.0 | 15,417 | 7.0 |
| PTC India | Buy | 18,235 | 38.7 | 111 | 16.7 | 97 | 11.9 |
| Reliance Energy | Buy | 16,610 | 18.0 | 2,907 | 63.8 | 2,286 | 22.6 |
| Tata Power | Buy | 13,289 | 10.7 | 2,724 | 9.2 | 1,271 | -24.4 |
| Sector Aggregate |  | 137,574 | 14.5 | 31,834 | 21.0 | 21,443 | 5.3 |

The lower achievement of the capacity addition in the Eighth, Ninth and Tenth Five-Year Plans calls for accelerated capacity addition in the Eleventh Plan to cater to the buoyant economic growth.


Source: MoP, CEA

## UMPPs: many more to come

Progress on the ultra mega power project has been satisfactory though the award of the projects has been delayed a bit. The recent award of the Sasan project, after being in controversy for a while, to Reliance Power, shows commitment of the Central government to the UMPPs. The Mundra project, in turn, has also achieved considerable progress as Tata Power has tied up for coal ( $50 \%$ of its requirement) through its stake in Bumi Resources and has already placed orders for boilers and generators to Doosan and Toshiba Corporation respectively.

The Ministry of Power (MoP) has announced a total of 10 UMPPs and another two projects are likely to be awarded before March 2008, which includes Krishnapatnam in Andhra Pradesh and Tilaiya project in Jharkhand. The project award has been delayed due to land acquisition and other administrative is sues at the state level and it is likely that the bid for the project will be invited soon.


## Nuclear power - target of 40,000MW by 2020

The Indo-US nuclear deal, if it goes through, can harness significant nuclear power potential for India. The target set by the government of $20,000 \mathrm{MW}$ by FY20 will double if the cooperation agreement on the nuclear deal with the US goes through. This would mean a tenfold increase in the nuclear power capacity to $40,000 \mathrm{MW}$ from the current level of 4,120MW .

The Department of A tomic energy (DAE) has already initiated the measures to enhance the nuclear power capacity addition in India irrespective of the deal. DAE has been working on the feasibility report to install $6,800 \mathrm{MW}$ of nuclear power projects in India at an investment of Rs 340b. The sites cleared by the government are: Kudankulam in Tamil Nadu, Kakrapar in Gujarat, Rawatbhata in Rajasthan and Jaitapur in Maharashtra. We expect the contract award over the next 18-24 months.

Public sector undertakings are showing a keen interest to participate in the development of nuclear power plant and the board of NTPC has recently approved a proposal to enable the company enter the nuclear power generation business. The company envisages generating $2,000 \mathrm{MW}$ from nuclear power by end -2017.

| CAPACITY ADDITION: NUCLEAR POWER IN INDIA (MW) |  |  |
| :--- | ---: | :--- |
| PROJ ECTS | CAP (MW) |  |
| Operational | 4,120 | TIMELINE |
| Under Construction | 2,660 |  |
| Kakrapara units 5/6 | 1,400 | By end FY08 |
| Kudankulam units $3 / 4$ | 2,000 | FY11 |
| Rajasthan units 7/8 | 1,400 | FY12 |
| Jaitapur units $1 / 2$ | 2,000 | FY12 |
| Kudankulam units 5/8 | 4,000 | FY12 |
| Jaitapur units $1 / 2$ | 2,000 | FY11-FY20 |
| Site not identified (PWHR) | 4,200 | FY11-FY20 |
| Kalpakkam (FBR) | 2,000 | FY13-FY20 |
| Site to be identified for US Tech | 4,000 | FY13-FY20 |
| Planned | 12,000 | FY09-FY20 |
| Total | 41,730 | By FY20 |

## Valuation and view

For 2QFY08, we expect utilities to report steady performance in terms of revenues and profitability. The slower pace of reforms, under 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

|  | ABSOLUTE PERF |  | Rel Perf to sensex |  | ReL Perf to sector |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 M | 1 YEAR | 3 M | 1 YEAR | 3 M | 1 YEAR |
| Utilities |  |  |  |  |  |  |
| CESC | 34 | 63 | 15 | 23 | -3 | 1 |
| Neyveli Lignite Corporation | 74 | 65 | 55 | 26 | 36 | 3 |
| NTPC | 28 | 52 | 9 | 12 | -10 | -11 |
| PTC India | 44 | 61 | 25 | 21 | 6 | -2 |
| Reliance Energy | 108 | 151 | 88 | 112 | 70 | 89 |
| Tata Power | 28 | 54 | 8 | 14 | -10 | -8 |


$\qquad$


| Stock info. B | bloomberg |
| :---: | :---: |
| BSE Sensex: 17,291 C | CESC IN |
| R | reuters code |
| Equity Shares (m) | 115.3 |
| 52-Week Range | 523/277 |
| 1,6,12 Rel. Perf. (\%) | \%) -7/5/23 |
| M.Cap. (Rs b) | 56.2 |
| M.Cap. (US\$ b) | 1.4 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 487 |
| year | net sales | PAT | EPS* | Eps* | P/E* | PIBV | ROE | Roce | EV/ | Ev/ |
| END | (RS M) | (RS M) | (RS) | GROWTH (\%) | (x) | (x) | (\%) | (\%) | SALES |  |
| 3/07A | 24,843 | 3,007 | 20.6 | -4.3 | 23.6 | 2.4 | 13.5 | 12.2 | 2.7 | 11.6 |
| 3/08E | 26,840 | 2,748 | 23.8 | 15.5 | 20.4 | 2.9 | 13.5 | 11.2 | 2.5 | 12.4 |
| 3/09E | 28,567 | 2,950 | 25.6 | 7.4 | 19.0 | 2.6 | 12.8 | 11.3 | 2.5 | 12.0 |

* fully diluted; excluding Spencer

2. For 2QFY08 we expect CESC to post Rs7b as revenue and net profit of Rs 741 m , up $7.4 \%$ YoY.
\& CESC is expanding capacity at Budge Budge by 250 MW , targeted to be completed by end-FY09. It has announced the setting up of pit head-based power plants: Jharkhand ( $2,000 \mathrm{MW}$ ), Oris sa ( $2,000 \mathrm{MW}$ ) and Haldia ( $1,000 \mathrm{MW}$ ) through the SPV route. On the distribution front, the company has indicated its interest in participating in the SEB privatization process.
\& Spencer plans to reach $350+$ retail outlets (v/s 264 as of March 2007) under various formats (Spencers, Music W orld, Books and Beyond and RPG Cellucom) in FY08 and company will invest Rs 12 b in the Spencer format to facilitate expansion plans. For FY07 the company reported revenue of Rs 5.4 b and net loss of Rs 450 m .
\& CESC Properties will now develop the proposed retail mall project ( 0.4 m sq ft ) in Kolkata and has terminated its joint development agreement with the Godrej group. Construction is expected to commence from October 2007 and the company expects to complete the project by March 2009. The company has also discontinued operations at its Mulajore plant (43 acres) and plans to develop an IT park, residential complex and allied zone. The development plan has been completed.

* We expect CESC to report net profit of Rs 2.7 b in FY08 (up $15.5 \%$ YoY) and Rs 3 b in FY09 (up $7.4 \%$ YoY), excluding Spencer. At the CMP of Rs487, the stock is trading at a P/E of 23.6x FY07, 20.4x FY08E and 19x FY09E. We recommend Neutral given no upside based on SOTP-based target price of Rs 454 .

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Sales | 6,740 | 6,750 | 5,930 | 5,470 | 7,170 | 6,953 | 6,227 | 6,491 | 24,890 | 26,840 |
| Change (\%) | 0.0 | 0.4 | 2.6 | -6.3 | 6.4 | 3.0 | 5.0 | 18.7 | -0.8 | 7.8 |
| EBITDA | 1,360 | 1,400 | 1,250 | 1,170 | 1,300 | 1,442 | 1,344 | 1,345 | 5,180 | 5,431 |
| Change (\%) | -9.9 | -9.1 | -6.0 | -18.8 | -4.4 | 3.0 | 7.6 | 14.9 | -11.0 | 4.9 |
| As of \% Sales | 20.2 | 20.7 | 21.1 | 21.4 | 18.1 | 20.7 | 21.6 | 20.7 | 20.8 | 20.2 |
| Depreciation | 410 | 410 | 410 | 410 | 410 | 415 | 430 | 440 | 1,640 | 1,695 |
| Interest | 540 | 420 | 370 | 360 | 390 | 385 | 375 | 425 | 1,690 | 1,575 |
| Other Income | 210 | 220 | 220 | 290 | 290 | 200 | 225 | 356 | 940 | 1,071 |
| PBT | 620 | 790 | 690 | 690 | 930 | 842 | 764 | 836 | 2,790 | 3,233 |
| Tax | 70 | 100 | 80 | 80 | 110 | 101 | 92 | 100 | 390 | 485 |
| Effective Tax Rate (\%) | 11.3 | 12.7 | 11.6 | 11.6 | 11.8 | 12.0 | 12.0 | 12.0 | 14.0 | 15.0 |
| Reported PAT | 550 | 690 | 610 | 610 | 820 | 741 | 673 | 736 | 2,400 | 2,748 |
| Adjusted PAT | 550 | 690 | 610 | 610 | 697 | 741 | 673 | 736 | 2,400 | 2,748 |
| Change (\%) | 34.1 | 21.1 | 64.9 | 38.6 | 26.7 | 7.4 | 10.3 | 20.6 | 34.1 | 14.5 |

E: MOSt Estimates; Note: Excluding Spencer

# National Thermal Power Corporation 

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 |
| :--- | ---: |
|  | NTPC IN <br> REUTERS CODE |
| S\&P CNX: 5,021 | NTPC.BO |
| Equity Shares (m) | $8,245.5$ |
| 52-Week Range | $201 / 125$ |
| 1,6,12 Rel. Perf. (\%) | $0 / 1 / 12$ |
| M.Cap. (Rs b) | $1,595.0$ |
| M.Cap. (US\$ b) | 40.1 |


| 28 September 2007 |  |  |  |  |  |  |  |  | Neutral |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Neutral |  |  |  |  |  |  |  |  |  | Rs 193 |
| year | net sales | 5 PAT* | Eps* | EPS | PIE | PIBV | roe | Roce | Ev/ | Ev/ |
| End* | (RS M) | (RS M) | (RS) | GrowTH (\%) | (X) | (X) | (\%) | (\%) | Sales | Ebitda |
| 3/07A | 326,317 | 65,681 | 8.0 | 23.6 | 24.3 | 3.3 | 13.9 | 17.6 | 5.2 | 15.5 |
| 3/08E | 351,995 | 77,387 | 9.4 | 18.5 | 20.6 | 3.0 | 15.1 | 18.1 | 4.6 | 12.8 |
| 3/09E | 395,175 | 81,519 | 9.9 | 5.3 | 19.6 | 2.7 | 14.5 | 18.3 | 0.3 | 12.6 |

* Pre-exceptional earnings
\& We expect NTPC to report revenue of Rs 75.7 b (up 11.1\% YoY) and net profit of Rs 15.4 b (up 7\% YoY) in 2QFY08.
* NTPC has recently signed a memorandum of understanding (MoU) with BHEL for forming a joint venture company for carrying out engineering procurement and construction (EPC) activities in the power sector on mutually-beneficial terms. As per the MoU, both NTPC and BHEL will have $50: 50$ equity participation in the new venture.
\& It has received in-principle approval for allocation of a Chhati Bariatu South coal block in Jharkhand from the GoI. The reserves of Chhati Bariatu South is estimated at 354 m tonnes.
\& During 1QFY08, the company has commissioned the 500MW unit of Sip at Super Thermal Power Project and 500MW of Kahalgaon Thermal power project. The installed capacity as of June 2007 stands at 28,404MW. The management has indicated that expected capacity addition during FY08 is $2,500 \mathrm{MW}$ (Kahalgaon $1,000 \mathrm{MW}$, Sipat $1,000 \mathrm{MW}$ and Bhilai JV 500 MW ) and 2,580MW (Sipat 1,320 MW, Barh 660 MW and Koldam hydro power 600 MW ) during FY09.
$\&$ We expect NTPC to report net profit of Rs77.4b in FY08 (up 18.5\% YoY) and Rs 81.5 b in FY09 (up 9.9\% YoY). At the CMP of Rs 193, NTPC trades at a P/E of 24.3x FY07, 20.6x FY08E and 19.6x FY09E. Maintain Neutral.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | Y07 | FY08E |
|  | 1Q | 2 Q | 30 | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Sales | 71,536 | 68,138 | 81,468 | 88,603 | 89,697 | 75,679 | 89,407 | 97,212 | 326,317 | 351,995 |
| Change (\%) | 18.1 | 15.0 | 18.6 | 21.5 | 25.4 | 11.1 | 9.7 | 9.7 | 24.8 | 13.6 |
| EBITDA | 19,960 | 18,408 | 22,595 | 23,397 | 26,945 | 21,721 | 25,419 | 32,936 | 100,932 | 107,021 |
| Change (\%) | 29.4 | 41.9 | 24.2 | 33.1 | 35.0 | 18.0 | 12.5 | 40.8 | 57.3 | 6.0 |
| As of \% Sales | 27.9 | 27.0 | 27.7 | 26.4 | 30.0 | 28.7 | 28.4 | 33.9 | 30.9 | 30.4 |
| Depreciation | 4,755 | 4,780 | 5,138 | 6,081 | 4,914 | 6,214 | 7,193 | 10,734 | 20,754 | 29,055 |
| Interest | 5,238 | 4,630 | 2,807 | 5,919 | 278 | 5,556 | 4,912 | 7,784 | 18,594 | 18,530 |
| Other Income | 6,369 | 6,505 | 7,752 | 6,864 | 7,181 | 6,538 | 6,977 | 7,609 | 27,490 | 28,305 |
| PBT | 16,336 | 15,503 | 22,402 | 18,261 | 28,934 | 16,489 | 20,291 | 22,028 | 89,074 | 86,241 |
| Tax | 808 | 764 | 1,369 | 914 | 5,235 | 1,072 | 1,319 | 1,229 | 20,427 | 8,855 |
| Effective Tax Rate (\%) | 4.9 | 4.9 | 6.1 | 5.0 | 18.1 | 6.5 | 6.5 | 5.6 | 22.9 | 10.3 |
| Reported PAT | 15,528 | 14,739 | 21,033 | 17,347 | 23,699 | 15,417 | 18,972 | 20,799 | 68,647 | 77,387 |
| Adj. PAT (Pre Exceptional) | 15,318 | 14,410 | 17,415 | 18,539 | 17,648 | 15,417 | 18,972 | 20,799 | 65,681 | 72,836 |
| Change (\%) | 25.4 | 24.8 | 37.4 | 18.4 | 15.2 | 7.0 | 8.9 | 12.2 | 23.6 | 10.9 |

## E: MOSt Estimates

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# Neyveli Lignite Corporation 

| STOCK INFO. | BLOOMBERG |
| :--- | :--- |
| BSE Sensex: 17,291 | NLC IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | NELG.BO |


| Equity Shares (m) | $1,677.7$ |
| :--- | ---: |
| 52-Week Range | $114 / 49$ |
| 1,6,12 Rel. Perf. (\%) | $25 / 75 / 26$ |
| M.Cap. (Rs b) | 176.5 |
| M.Cap. (US\$ b) | 4.0 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 105 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 24,425 | 7,168 | 4.3 | -8.0 | 24.6 | 2.1 | 8.8 | 10.1 | 5.8 | 14.1 |
| 3/08E | 24,583 | 6,948 | 4.1 | -3.1 | 25.4 | 2.0 | 8.2 | 9.2 | 6.2 | 12.9 |
| 3/09E | 26,020 | 7,144 | 4.3 | 2.8 | 24.7 | 2.0 | 8.1 | 8.4 | 6.4 | 12.9 |

* Pre-exceptional earnings
* For 2QFY08 we expect Neyveli Lignite to post net profit of Rs 1.6 b , down $0.5 \%$ Yo Y.
\& It plans to expand its lignite mining capacity to 61.9 m tpa (from 24 m tpa) and the power generation capacity to 11,990MW (from 2490MW) at present.

2. Update on ongoing expansion plans: a) Mine-II Expansion ( 10.5 m tpa to 15.0 m tpa) linked to thermal power StnI Expansion (1,470-1,970MW), commissioning by June 2009; b) Barsingsar Mine Project of 2.1 m tpa and 250 MW generation capacity to be commissioned by June 2009
\& New projects: Coal-based power plant at Tuticorin (1,000 MW) in JV with Tamil Nadu Electricity Board (TNEB) has received approval from the Public Investment Board (PIB) and is awaiting sanction by Government of India (GoI). The project is expected to be commissioned within 48 months from the date of approval by GoI.

* Project under feasibility study stage: a) Jayamkondam mine project of 9 m tpa with $1,000 \mathrm{MW}$ power generating capacity b) Bars ings ar thermal power project extension ( 250 MW ) linked with mine ( 2.1 m tpa) at Bithnok \& Hadla in Rajasthan c) power project of 500MW linked to lignite mine of 4.2 m tpa at Riri in Rajasthan d) coal-based thermal power plant at Orissa ( $4 \times 500 \mathrm{MW}$ ) with coal supply from Mahanadi Coalfields Ltd. (MCL) e) Gujarat Power Project $(1,000 \mathrm{MW})$ linked to lignite mine of 8 m tpa in JV with Gujarat Power Corporation Ltd f) Mine-III of 8 m tpa and thermal power project with $1,000 \mathrm{MW}$ at Neyveli.
$\approx$ It has significant cash and cash equivalents up to Rs 58 b as of March 2007, which will facilitate scalability. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Sales | 6,397 | 6,079 | 5,102 | 3,502 | 7,776 | 6,809 | 5,868 | 4,131 | 24,425 | 24,583 |
| Change (\%) | -24.4 | -15.4 | -10.5 | -4.7 | 21.6 | 12.0 | 15.0 | 17.9 | 11.1 | 0.6 |
| EBITDA | 3,085 | 2,143 | 1,894 | 511 | 3,855 | 2,928 | 2,640 | 2,292 | 10,129 | 11,715 |
| Change (\%) | -38.3 | -36.2 | -12.7 | 292.7 | 24.9 | 36.6 | 39.4 | 348.5 | 32.6 | 15.7 |
| As of \% Sales | 48.2 | 35.3 | 37.1 | 14.6 | 49.6 | 43.0 | 45.0 | 55.5 | 41.5 | 47.7 |
| Depreciation | 1,070 | 1,064 | 1,045 | 1,295 | 1,148 | 1,223 | 1,201 | 1,327 | 4,250 | 4,900 |
| Interest | 134 | 121 | 120 | 58 | 19 | 170 | 180 | 367 | 556 | 736 |
| Other Income | 1,213 | 1,260 | 1,326 | 2,172 | 1,484 | 900 | 1,000 | 978 | 4,989 | 4,362 |
| PBT | 3,095 | 2,218 | 2,055 | 1,330 | 4,172 | 2,434 | 2,259 | 1,576 | 10,313 | 10,441 |
| Tax | 856 | 580 | 529 | 1,114 | 1,358 | 803 | 766 | 565 | 3,145 | 3,492 |
| Effective Tax Rate (\%) | 27.7 | 26.1 | 25.7 | 83.8 | 32.6 | 33.0 | 33.9 | 35.9 | 30.5 | 33.5 |
| Reported PAT | 2,238 | 1,639 | 1,527 | 215 | 2,813 | 1,631 | 1,493 | 1,011 | 7,168 | 6,948 |
| Adj. PAT (Pre Exceptionals) | 2,238 | 1,639 | 1,527 | 3,562 | 2,813 | 1,631 | 1,493 | 1,011 | 7,168 | 6,948 |
| Change (\%) | -24.9 | -26.5 | 9.8 | 199.5 | 25.7 | -0.5 | -2.2 | -71.6 | -8.0 | -3.1 |

## E: MOSt Estimates

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| Stock info. B | bloomberg |
| :---: | :---: |
| BSE Sensex: 17,291 P | PWTC IN |
| S\&P CNX: 5,021 ${ }^{\text {R }}$ | Reuters code PTCI.BO |
| Equity Shares (m) | 150.0 |
| 52-Week Range | 107/46 |
| 1,6,12 Rel. Perf. (\%) | \%) 7/20/21 |
| M.Cap. (Rs b) | 13.7 |
| M.Cap. (US\$ b) | 0.3 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 91 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { YEAR } \\ & \text { END } \end{aligned}$ | net sales <br> (RS M) | $\begin{gathered} \text { PAT* } \\ \text { (RS M) } \end{gathered}$ | $\begin{aligned} & \text { EPS* } \\ & \text { (RS) } \end{aligned}$ | EPS GROWTH (\%) | $\begin{aligned} & \text { P/E } \\ & (\mathrm{X}) \end{aligned}$ | $\begin{gathered} \text { P/BV } \\ (\mathrm{X}) \end{gathered}$ | Roe <br> (\%) | Roce <br> (\%) | $\begin{gathered} \text { EV/ } \\ \text { SALES } \end{gathered}$ | $\begin{gathered} \text { EV/ } \\ \text { EBITDA } \end{gathered}$ |
| 3/07A | 36,307 | 353 | 2.3 | -13.7 | 39.1 | 5.2 | 13.8 | 17.7 | 0.4 | 47.3 |
| 3/08E | 58,529 | 441 | 2.9 | 25.6 | 31.1 | 4.7 | 15.9 | 17.0 | 0.2 | 30.9 |
| 3/09E | 76,412 | 513 | 3.4 | 16.3 | 26.8 | 4.3 | 16.8 | 17.7 | 0.2 | 24.3 |

*Pre-exceptional
2. For 2QFY08, we expect PTC to report revenue of Rs 18.2 b , up $38.7 \%$ Yo Y and net profit of Rs 97 m , up $11.9 \%$ Yo Y. EBITDA for the quarter is estimated at Rs 111 m , up $16.7 \%$ YoY with increasing contribution from medium term and long term contracts.
\& 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 $26 \%$ stake in the in the company.
$\approx$ As of June 2007, the company has signed power purchase agreements (PPA) for 7,984MW and MoUs for 16,703MW of power capacity on a long term basis. PTC has also entered into a back-to-back power sale agreement for 5,287MW.
\& PTC is witnessing a substantial change in its business model - short-term trading, which currently accounts for $80 \%$ of the traded volumes, which will decline to $35 \%$ in FY08. PTC has decided to set up a SPV to subscribe to the equity capital of electricity generation projects. It intends to take $10-11 \%$ stakes in power projects for $100 \%$ assured offtake.
\& PTC's FY07 traded volumes of 9.6BUs is expected to increase to 15.4 BU s in FY08. This would be driven by the commissioning of the Tala project in Bhutan ( $1,020 \mathrm{MW}$ ) and part of the greenfield projects where PTC has signed long-term PPAs. We recommend Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 2 Q | 30 | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Power Traded (MUs) | 2,625 | 3,268 | 2,211 | 1,445 | 3,544 | 5,065 | 3,869 | 2,929 | 9,549 | 15,407 |
| Sales | 10,421 | 13,147 | 8,074 | 6,025 | 11,586 | 18,235 | 13,929 | 14,778 | 37,667 | 58,529 |
| Change (\%) | 138.3 | 52.5 | -23.4 | -20.2 | 11.2 | 38.7 | 72.5 | 145.3 | 21.2 | 55.4 |
| EBITDA | 88 | 95 | 82 | 53 | 58 | 111 | 120 | 166 | 318 | 456 |
| Change (\%) | 8.0 | -32.7 | -55.3 | -42.6 | -34.0 | 16.7 | 45.9 | 216.2 | -36.3 | 43.3 |
| As of \% Sales | 1.3 | 0.7 | 1.0 | 0.9 | 0.5 | 0.6 | 0.9 | 1.1 | 0.8 | 0.8 |
| Depreciation | 8 | 8 | 8 | 9 | 7 | 9 | 11 | 15 | 33 | 42 |
| Interest | 3 | 7 | 7 | 2 | 3 | 8 | 9 | 27 | 20 | 48 |
| Other Income | 79 | 39 | 44 | 32 | 97 | 40 | 45 | 40 | 193 | 222 |
| Extraordinary Income/(Expense) | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PBT | 155 | 119 | 111 | 73 | 144 | 134 | 145 | 164 | 459 | 588 |
| Tax | 35 | 32 | 25 | 15 | 25 | 38 | 41 | 44 | 106 | 147 |
| Effective Tax Rate (\%) | 22.3 | 27.1 | 22.2 | 20.5 | 17.4 | 28.0 | 28.0 | 26.6 | 23.2 | 25.0 |
| Reported PAT | 120 | 86 | 86 | 58 | 119 | 97 | 104 | 120 | 352 | 441 |
| Adjusted PAT | 120 | 86 | 86 | 58 | 119 | 97 | 104 | 120 | 352 | 441 |
| Change (\%) | 6.3 | -11.2 | -32.7 | -16.5 | -0.8 | 11.9 | 21.2 | 106.5 | -13.7 | 25.1 |

## E: MOSt Estimates

Satyam Agarwal (Agarwals@MotilalOswal.com); Tel: +91 22 39825410/Nalin Bhatt (NalinBhatt@MotilalOswal.com); +91 2239825429

# Reliance Energy 



| 28 September 2007 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |
| 3/07A | 56,930 | 8,015 | 34.1 | 23.2 | 35.3 | 3.2 | 10.2 | 8.7 | 3.9 | 46.6 |
| 3/08E | 69,710 | 9,612 | 40.9 | 19.9 | 29.4 | 2.9 | 12.4 | 11.4 | 3.0 | 16.9 |
| 3/09E | 77,553 | 10,465 | 44.6 | 8.9 | 27.0 | 2.6 | 12.4 | 11.4 | 2.6 | 17.9 |

*Consolidated, pre-exceptionals, fully diluted
\& For 2QFY08, we expect Reliance Energy to report net profit of Rs 2.3 b , up $22.6 \%$ YoY.

* Reliance Energy is currently working on generation projects of $14,960 \mathrm{MW}$, which are in various stages of development. During FY08, 2,100MW of power projects being implemented by Reliance Energy Generation ( $50 \%$ stake by Reliance Energy) will achieve financial closure and enter the construction phase. These include: 600MW of Rosa Power Project (Phase I), 1,200 MW Coastal Maharashtra Project (Phase I) and 300MW captive power project in Nagpur.
\& The order backlog for the EPC division stood at Rs 55 b as of June 2007, up from Rs 33.6 b as of March 2006. The company has also submitted bids for the (1) 1,200MW Malwa project on EPC basis (Rs 40b), (2) T\&D projects of Rs7b (erection of five $400 / 220 \mathrm{kV}$ substation, transmis sion line work from PGCIL), (3) rural electrification projects Rs 10 b. Also, it has recently emerged as the L1 for the 1,200 MW Purulia project of Damodar Valley Corporation.
\& The company has also made inroads into the Real Estate sector. It is developing 75 acre of land (11m sq.ft.) in Hy derabad in consortium where in RELE will have $63 \%$ stake. The total project cost is Rs 65 b and would be developed in three phases. The first phase covering $\sim 5.5 \mathrm{~m}$ sq.ft would get over in next $4-5$ years while the Phase $2 \& 3$ will be over in another 3-4 years time. The project also involves construction of tallest building (11 Florey).
\& Recently, the board of Reliance Energy approved the initial public offering of its $50 \%$ subsidiary, Reliance Power Limited (RPL). RPL is executing the $4,000 \mathrm{MW}$ Sas an project besides other Coal, Gas and Hydro based projects.
\& We believe the stock is largely a play on the future growth opportunities rather than on existing assured return businesses. We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3 Q | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Sales | 11,549 | 14,076 | 15,337 | 16,143 | 16,240 | 16,610 | 18,404 | 18,455 | 56,930 | 69,710 |
| Change (\%) | 21.6 | 35.0 | 55.2 | 55.5 | 40.6 | 18.0 | 20.0 | 14.3 | 41.6 | 22.4 |
| EBITDA | 1,334 | 1,775 | 827 | 598 | 376 | 2,907 | 3,313 | 5,855 | 4,804 | 12,451 |
| Change (\%) | -17.4 | -12.8 | -53.9 | -68.5 | -71.8 | 63.8 | 300.6 | 878.8 | -34.5 | 159.1 |
| As of \% Sales | 11.6 | 12.6 | 5.4 | 3.7 | 2.3 | 17.5 | 18.0 | 31.7 | 8.4 | 17.9 |
| Depreciation | 619 | 635 | 612 | 535 | 581 | 630 | 704 | 870 | 2,401 | 2,785 |
| Interest | 459 | 671 | 551 | 823 | 693 | 755 | 620 | 538 | 2,503 | 2,606 |
| Other Income | 1,711 | 1,761 | 2,867 | 2,754 | 3,599 | 1,409 | 1,434 | 951 | 8,823 | 7,393 |
| PBT | 1,967 | 2,230 | 2,531 | 1,994 | 2,701 | 2,931 | 3,423 | 5,398 | 8,724 | 14,453 |
| Tax (incl contingencies) | 201 | 366 | 522 | -380 | 485 | 645 | 753 | 1,220 | 709 | 3,103 |
| Effective Tax Rate (\%) | 10.2 | 16.4 | 20.6 | -19.1 | 18.0 | 22.0 | 22.0 | 22.6 | 8.1 | 21.5 |
| Reported PAT | 1,766 | 1,864 | 2,009 | 2,374 | 2,216 | 2,286 | 2,670 | 4,179 | 8,015 | 11,350 |
| PAT (Pre Exceptionals) | 1,666 | 1,864 | 2,009 | 1,848 | 1,357 | 2,286 | 2,670 | 3,300 | 7,388 | 9,612 |
| Change (\%) | 12.7 | 16.8 | 22.0 | 40.1 | -18.5 | 22.6 | 32.9 | 76.0 | 23.2 | 41.6 |

E: MOSt Estimates; Quarterly numbers are on standalone basis
Satyam Agarwal (Agarwals@MotilalOswal.com); Tel: +91 22 39825410/Nalin Bhatt (NalinBhatt@MotilalOswal.com); +91 2239825429

| Stock info. B | bloomberg |
| :---: | :---: |
| BSE Sensex: 17,291 T | TPWR IN |
| S\&P CNX: 5,021 | Reuters code TTPW.BO |
| Equity Shares (m) | 197.9 |
| 52-Week Range | 960/483 |
| 1,6,12 Rel. Perf. (\%) | \%) 9/35/14 |
| M.Cap. (Rs b) | 169.3 |
| M.Cap. (US\$ b) | 4.3 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Buy } \\ & \text { Rs } 855 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 51,095 | 6,215 | 29.2 | 36.6 | 29.3 | 2.9 | 9.4 | 8.2 | 3.8 | 19.6 |
| 3/08E | 53,085 | 6,727 | 31.6 | 8.2 | 27.0 | 2.7 | 8.6 | 8.4 | 3.6 | 17.2 |
| 3/09E | 56,053 | 6,853 | 32.2 | 1.9 | 26.5 | 2.6 | 8.4 | 8.7 | 3.5 | 15.8 |

*Consolidated, pre-exceptionals, fully diluted
8. For 2QFY08 Tata Power is expected to report net profit of Rs 1.3b, down $24.4 \%$ YoY.
\& Tata Power Company has signed an EPC contract for supply of 5x 800MW steam turbine generators with Toshiba Corporation for its Mundra Ultra Mega Power Project. It has earlier awarded the boiler EPC contract to Doosan Heavy Industries, which represents $45 \%$ of the total project cost. It has also completed acquisition of $30 \%$ stake in PT Kaltim Prima Coal and PT Arutmin Indonesia and other companies owned by PT Bumi Resources Tbk. The acquisition was funded through a bridge loan of US $\$ 950 \mathrm{~m}$ with tenure of one year. The company has earlier signed an offtake agreement with Bumi resources for purchase of 10.1 m tonnes of coal per annum. This represents significant progress on Mundra power project's front.
\& Besides this, the company has outlined extensive expansion plans which include: (1) Maithon power project (1,000MW, $74 \%$ stake): $50 \%$ of the land acquisition has been completed and coal linkages are in place; EPC contract award likely by end FY08 (2) Coastal Maharashtra (2,400MW): Plans to invite the EPC bids by September 2007; land acquisition completed (3) Trombay unit 8 (250MW): Scheduled completion by September 2008, (4) Jojbera Expansion (120MW): Scheduled commissioning by September 2008, (5) Haldia unit (120MW): Scheduled commissioning by March 2008, (6) Wind power: 50MW commissioned during March 2007; balance 50MW by September 2007, 7) 100MW Diesel gensets: scheduled commissioning September 2008.

* At the CMP of Rs 855 , the stock is trading at a P/E of 27x FY08E and 26.5x FY09E. We recommend Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 10 | 20 | 3 Q | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Total Operating Income | 13,766 | 12,008 | 12,005 | 9,474 | 15,115 | 13,289 | 13,526 | 11,156 | 47,153 | 53,085 |
| Change (\%) | 25.3 | 13.1 | -2.5 | -19.1 | 9.8 | 10.7 | 12.7 | 17.8 | 3.3 | 12.6 |
| EBITDA | 2,581 | 2,495 | 2,108 | 51 | 2,903 | 2,724 | 2,671 | 2,791 | 7,234 | 11,090 |
| Change (\%) | 7.1 | 3.8 | 7.1 | -96.8 | 12.5 | 9.2 | 26.8 | 5,426.8 | -13.4 | 53.3 |
| As of \% Sales | 18.7 | 20.8 | 17.6 | 0.5 | 19.2 | 20.5 | 19.8 | 25.0 | 15.3 | 20.9 |
| Depreciation | 760 | 731 | 735 | 693 | 714 | 798 | 1,029 | 1,205 | 2,919 | 3,746 |
| Interest | 524 | 388 | 510 | 473 | 594 | 375 | 325 | 383 | 1,895 | 1,677 |
| Other Income | 410 | 783 | 460 | 1,787 | 685 | 265 | 350 | 528 | 3,440 | 1,828 |
| PBT | 1,706 | 2,160 | 1,322 | 672 | 2,279 | 1,816 | 1,668 | 1,732 | 5,860 | 7,494 |
| Tax | 488 | 137 | -1,477 | -255 | 377 | 545 | 500 | 451 | -1,108 | 1,873 |
| Effective Tax Rate (\%) | 28.6 | 6.3 | -111.7 | -38.0 | 16.5 | 30.0 | 30.0 | 26.1 | -18.9 | 25.0 |
| Reported PAT | 1,218 | 2,023 | 2,799 | 927 | 1,902 | 1,271 | 1,167 | 1,280 | 6,968 | 5,621 |
| Adjusted PAT | 1,130 | 1,682 | 1,205 | 638 | 1,844 | 1,271 | 1,167 | 1,280 | 4,655 | 5,563 |
| Change (\%) | 3.1 | 33.8 | 26.0 | -39.3 | 63.2 | -24.4 | -3.1 | 100.6 | 6.8 | 19.5 |

E: MOSt Estimates; Quarterly numbers are on standalone basis

# Ashapura Minechem 

| STOCK INFO. <br> BSE Sensex: 17,291 | bloomberg |
| :---: | :---: |
|  | ASMN IN |
|  | reuters code |
| S\&P CNX: 5,021 | ASHM.BO |
| Equity Shares (m) | 39.1 |
| 52-Week Range | 465/192 |
| 1,6,12 Rel. Perf. (\%) | \%) 3/83/86 |
| M.Cap. (Rs b) | 17.9 |
| M.Cap. (US\$ b) | 0.4 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 457 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 12,724 | 1,302 | 33.3 | 37.0 | 13.7 | 4.4 | 47.4 | 45.4 | 1.5 | 9.5 |
| 3/08E | 17,530 | 2,246 | 57.4 | 72.3 | 8.0 | 2.9 | 44.4 | 39.3 | 1.2 | 6.7 |
| 3/09E | 20,266 | 2,950 | 75.3 | 31.3 | 6.1 | 2.1 | 39.9 | 33.0 | 1.1 | 5.6 |

\& Ashapura continues to benefit from buoyant demand for bauxite from alumina refineries in coastal China. Meanwhile, we believe the company is focused on building its business model - (1) adding minerals to its portfolio, (2) adding value to existing minerals, and (3) spreading geographically.
8. We expect 2QFY08 sales at Rs 3.5 b, up $38 \%$ YoY. The key driver will be bauxite volumes. We expect bauxite volume of 1.4 m tonnes. This is lower than 1.56 m tonnes in 1QFY08 to factor in lower mining activity due to monsoons. We have maintained prices at US $\$ 45$ per tonne, but have lowered our dollar assumption from Rs 40.5 to Rs 40 .
\& We expect EBITDA margin of $16.6 \%$, up 300bp over 1QFY08, which saw an adverse forex hit on debtors realized during the quarter. Expected EBITDA is Rs575, up $77.7 \%$ YoY.
\& Beginning this quarter, we expect tax benefits to kick in on account of EOU status to its bauxite processing units. We expect PAT of Rs 412 m , up $92 \%$ YoY.
\& The stock trades at an attractive EV/EBITDA of 6.7x FY08E and 5.6x FY09E. The full impact of its new projects - kaolin in Kerala, barites in Nigeria, mineral complex in Belgium - should be felt in FY09. We have rolled over our sum-of-the-parts valuation to FY09E basis, and raise our target price from Rs 436 to Rs530 (cum 1:1 bonus). We maintain Buy.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | $3 Q$ | 4 Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Net Income | 4,614 | 2,510 | 2,157 | 3,444 | 4,270 | 3,459 | 4,592 | 5,250 | 12,724 | 17,530 |
| Change (\%) | 89.0 | 37.3 | 20.9 | 38.3 | -7.5 | 37.8 | 112.9 | 52.4 | 48.9 | 37.8 |
| Total Expenses | 4,123 | 2,186 | 1,621 | 2,791 | 3,687 | 2,884 | 3,757 | 4,196 | 10,721 | 14,484 |
| EBITDA | 491 | 324 | 537 | 653 | 583 | 575 | 835 | 1,054 | 2,004 | 3,046 |
| Change (\%) | 97.7 | 17.8 | 44.1 | 84.8 | 18.7 | 77.7 | 55.5 | 61.6 | 60.5 | 52.0 |
| EBITDA Margin (\%) | 10.6 | 12.9 | 24.9 | 18.9 | 13.6 | 16.6 | 18.2 | 20.1 | 15.7 | 17.4 |
| Depreciation | 16 | 17 | 17 | 23 | 21 | 30 | 35 | 34 | 73 | 124 |
| Interest | 31 | 22 | 31 | 31 | 32 | 35 | 46 | 52 | 115 | 175 |
| Other Income | 2 | 5 | 15 | 25 | 9 | 5 | 12 | 17 | 46 | 35 |
| PBT | 446 | 290 | 503 | 623 | 539 | 515 | 766 | 985 | 1,862 | 2,783 |
| Tax | 98 | 75 | 168 | 207 | 154 | 103 | 122 | 157 | 549 | 536 |
| Tax/PBT (\%) | 22.0 | 26.0 | 33.5 | 33.2 | 28.6 | 20.0 | 16.0 | 15.9 | 29.5 | 19.3 |
| Prior Period Items | 0 | 0 | 0 | -7 | -2 | 0 | 0 | 0 | -7 | 0 |
| Share from Associate | 0 | 0 | 0 | -3 | -4 | 0 | 0 | 0 | -3 | 0 |
| Minority Interest | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | -1 | -1 |
| Consolidated PAT | 348 | 214 | 334 | 406 | 379 | 412 | 643 | 827 | 1,302 | 2,246 |
| Adjusted PAT | 348 | 214 | 334 | 406 | 379 | 412 | 643 | 827 | 1,302 | 2,246 |
| Change (\%) | 108.8 | 19.5 | 46.2 | 87.6 | 8.9 | 92.3 | 92.4 | 103.9 | 66.2 | 72.5 |
| PAT Margin (\%) | 7.5 | 8.5 | 15.5 | 11.8 | 8.9 | 11.9 | 14.0 | 15.8 | 10.2 | 12.8 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> BLSTR IN |
| :--- | ---: |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | BLUS.BO |
| Equity Shares (m) | 89.9 |
| 52-Week Range | $332 / 133$ |
| 1,6,12 Rel. Perf. (\%) | $-14 / 22 / 94$ |
| M.Cap. (Rs b) | 28.5 |
| M.Cap. (US\$ b) | 0.7 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 317 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 16,013 | 712 | 7.9 | 45.6 | 40.1 | 13.4 | 36.9 | 36.1 | 1.8 | 25.1 |
| 3/08E | 22,418 | 1,142 | 12.7 | 60.5 | 25.0 | 10.1 | 46.1 | 47.9 | 1.4 | 15.7 |
| 3/09E | 29,143 | 1,572 | 17.5 | 37.6 | 18.1 | 7.6 | 47.6 | 55.5 | 1.1 | 11.3 |

* Blue Star is a market leader in central air-conditioning and commercial refrigeration. It continues to benefit from the 4 mega-trends of IT/Telecom, retail \& entertainment, SEZs and cold chain. The emerging segments of central AC demand are hospitals, hotels, airports, power plants, etc.
\& Blue Star's order book at the end of 1 QFY08 was Rs 9.8 b, up $43 \%$ YoY. Accordingly, we expect 2 QFY08 revenue growth of $40 \%$ YoY.
* We expect EBITDA margins to be 30bp higher at $9 \%$, reflecting benefits of scale, and full impact of excise concessions at its room AC plant in Himachal Pradesh.
\& Factoring in normal increase in interest and depreciation, we expect PAT of Rs 280 m , up $52 \%$ YoY.
$\approx$ For full year FY08, we maintain our estimates - revenue of Rs 22.4 b , up $40 \%$ YoY and PAT of Rs 1.14 b , up $60.5 \%$ YoY.
* The stock trades at a P/E of $25 x$ FY08E and $18.1 x$ FY09E. We believe Blue Star will continue to enjoy premium valuations, given its high-quality growth. We maintain Buy with a target of Rs 350 (20x FY09E).

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 30 | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Operating Income | 3,123 | 3,759 | 3,701 | 5,429 | 4,623 | 5,263 | 5,182 | 7,351 | 16,013 | 22,418 |
| Change (\%) | 35.8 | 33.0 | 40.4 | 36.4 | 48.0 | 40.0 | 40.0 | 35.4 | 36.3 | 40.0 |
| Total Expenses | 2,965 | 3,431 | 3,463 | 4,985 | 4,243 | 4,791 | 4,819 | 6,685 | 14,844 | 20,538 |
| EBITDA | 158 | 328 | 238 | 445 | 379 | 471 | 363 | 666 | 1,169 | 1,880 |
| Change (\%) | 36.1 | 67.5 | 52.2 | 11.7 | 139.4 | 43.6 | 52.5 | 49.8 | 34.9 | 60.8 |
| EBITDA Margin (\%) | 5.1 | 8.7 | 6.4 | 8.2 | 8.2 | 9.0 | 7.0 | 9.1 | 7.3 | 8.4 |
| Depreciation | 43 | 46 | 58 | 62 | 50 | 62 | 65 | 83 | 209 | 260 |
| Interest | 20 | 24 | 22 | 30 | 22 | 34 | 31 | 28 | 95 | 115 |
| Other Income | 5 | 8 | 4 | 44 | 1 | 8 | 4 | 47 | 61 | 60 |
| PBT | 100 | 266 | 163 | 397 | 308 | 383 | 271 | 603 | 926 | 1,565 |
| Tax | 27 | 82 | 48 | 57 | 85 | 104 | 73 | 166 | 214 | 423 |
| Tax/PBT (\%) | 27.1 | 30.9 | 29.2 | 14.4 | 27.5 | 27.0 | 27.0 | 27.5 | 23.1 | 27.0 |
| Reported PAT | 73 | 184 | 115 | 340 | 223 | 280 | 198 | 437 | 712 | 1,142 |
| Adjusted PAT | 73 | 184 | 115 | 340 | 223 | 280 | 198 | 437 | 712 | 1,142 |
| Change (\%) | 44.6 | 58.8 | 66.4 | 34.0 | 205.8 | 52.1 | 71.9 | 28.6 | 45.6 | 60.5 |
| PAT Margin (\%) | 2.3 | 4.9 | 3.1 | 6.3 | 4.8 | 5.3 | 3.8 | 5.9 | 4.4 | 5.1 |

E: MOSt Estimates

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> BRFL IN <br> REUTERS CODE |
| :--- | :--- |
| S\&P CNX: 5,021 | BRFL.BO |
| Equity Shares (m) | 63.0 |
| 52-Week Range | $280 / 150$ |
| 1,6,12 Rel. Perf. (\%) | $-3 / 20 / 5$ |
| M.Cap. (Rs b) | 15.1 |
| M.Cap. (US\$ b) | 0.4 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 4,894 | 544 | 8.6 | 133.8 | 27.7 | 3.1 | 17.1 | 15.3 | 3.3 | 17.8 |
| 3/08E | 9,341 | 900 | 13.0 | 50.8 | 18.3 | 2.4 | 15.5 | 12.5 | 2.8 | 14.6 |
| 3/09E | 13,463 | 1,357 | 19.6 | 50.8 | 12.2 | 2.1 | 18.4 | 12.3 | 2.3 | 10.9 |

* We expect Bombay Rayon to clock EPS CA GR of $45 \%$ over the next five years, on the back of (1) ramp up of its new integrated garment unit near Bangalore, (2) its recent acquisition of Leela Scottish Lace, and (3) its mega expansion plan in Maharashtra in FY09, taking the total capacity to 45 m garments ( 60 m including Leela Lace) and 265 m meters of fabric.
\& In 2QFY08, we expect a high $114 \%$ YoY growth in sales, $117 \%$ growth in EBITDA and $84 \%$ growth in PAT. PAT growth would be lower than EBITDA growth due to higher depreciation and interest on the Bangalore unit.
\& Following the 50 bp cut in Fed rate, we have changed our US dollar value assumption from Rs 40.5 earlier to Rs 40 in FY08, Rs 39 in FY09 and Rs 38 in FY10. As a result, we have lowered our EPS estimate for FY08 by 1\%, for FY09 by $4 \%$ and for FY10 by $5 \%$.
\& We value Leela Lace at Rs 48 per share (10x FY09E). Adjusted for this, Bombay Rayon is currently trading at an attractive 10x FY09E. We maintain Buy with an SOTP-based target of Rs 284.

| QUARTERLY PERFORMANCE (STANDALONE) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3 Q | 4Q | 1Q | 2QE | 3QE | 4QE |  |  |
| Net Income | 812 | 1,033 | 1,316 | 1,733 | 2,013 | 2,213 | 2,434 | 2,681 | 4,894 | 9,341 |
| Change (\%) | 87.3 | 142.1 | 139.6 | 198.6 | 147.8 | 114.3 | 85.0 | 54.7 | 145.9 | 90.9 |
| Total Expenses | 659 | 833 | 1,042 | 1,440 | 1,617 | 1,780 | 1,958 | 2,163 | 3,974 | 7,518 |
| EBITDA | 153 | 200 | 275 | 293 | 396 | 433 | 476 | 518 | 920 | 1,824 |
| Change (\%) | 134.4 | 199.5 | 213.7 | 153.6 | 158.1 | 117.1 | 73.6 | 77.2 | 174.6 | 98.3 |
| EBITDA Margin (\%) | 18.9 | 19.3 | 20.9 | 16.9 | 19.7 | 19.6 | 19.6 | 19.3 | 18.8 | 19.5 |
| Depreciation | 13 | 15 | 35 | 42 | 65 | 70 | 70 | 70 | 105 | 274 |
| Interest | 20 | 31 | 43 | 36 | 54 | 70 | 77 | 85 | 130 | 286 |
| Other Income | 3 | 13 | 11 | 44 | 40 | 13 | 13 | 13 | 71 | 80 |
| PBT | 123 | 167 | 208 | 258 | 317 | 307 | 343 | 377 | 756 | 1,344 |
| Tax | 43 | 56 | 71 | 42 | 97 | 103 | 116 | 128 | 212 | 443 |
| Tax/PBT (\%) | 34.9 | 33.5 | 33.9 | 16.4 | 30.4 | 33.5 | 33.9 | 33.9 | 28.0 | 33.0 |
| PAT | 80 | 111 | 138 | 216 | 221 | 204 | 227 | 249 | 544 | 900 |
| Adjusted PAT | 80 | 111 | 138 | 216 | 221 | 204 | 227 | 249 | 544 | 900 |
| Change (\%) | 69.1 | 162.6 | 145.3 | 498.6 | 174.6 | 84.1 | 64.8 | 15.6 | 199.3 | 65.5 |
| PAT Margin (\%) | 9.9 | 10.7 | 10.5 | 12.4 | 11.0 | 9.2 | 9.3 | 9.3 | 11.1 | 9.6 |

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

# Container Corporation of India 

| STOCK INFO.BSE Sensex: 17,291 | bloomberg |
| :---: | :---: |
|  | RI IN |
|  | uters code |
| S\&P CNX: 5,021 CCR | RI.BO |
| Equity Shares (m) | 65.0 |
| 52-Week Range | 2,444/1,662 |
| 1,6,12 Rel. Perf. (\%) | -15/-22/-15 |
| M.Cap. (Rs b) | 136.5 |
| M.Cap. (US\$ b) | 3.4 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |
| 3/07A | 30,562 | 6,652 | 102.4 | 32.3 | 20.5 | 5.2 | 28.4 | 36.6 | 4.1 | 13.6 |
| 3/08E | 38,176 | 8,139 | 125.2 | 22.3 | 16.8 | 4.2 | 27.6 | 36.1 | 3.1 | 10.7 |
| 3/09E | 46,442 | 9,784 | 150.5 | 20.2 | 14.0 | 3.3 | 26.5 | 34.8 | 2.4 | 8.5 |

\& During 2QFY08, we expect revenue to grow $25 \%$ Yo Y to Rs 9.6 b, EBITDA to grow $23.1 \%$ Yo Y to Rs 3.1 b , and net profit to grow $19.3 \%$ YoY to Rs 2.3 b .

* Container Corporation is known to be in talks with Reliance Industries, which would enable Reliance to access several infrastructure facilities of Concor including a network of 60 terminals across India. The MoU in this respect is likely to be singed shortly.
* Concor has signed an MoU with Transport Corporation of India Limited (TCIL) to provide door-to-door logistics and warehousing services for all categories of customers. Synergies would flow, as TCIL is currently the largest road network operator in India.

2 In the last quarter, the company entered into a joint working agreement with Secunderabad-based logistics major Seaways group to provide end-to-end logistics for exports from Punjab region to Chittagong, Bangladesh.

* We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Sales | 7,213 | 7,693 | 7,472 | 8,081 | 7,759 | 9,617 | 9,489 | 11,311 | 30,460 | 38,176 |
| Change (\%) | 33.9 | 31.3 | 17.5 | 18.7 | 7.6 | 25.0 | 27.0 | 40.0 | 24.8 | 25.3 |
| EBITDA | 2,160 | 2,522 | 2,224 | 2,202 | 2,281 | 3,105 | 2,654 | 3,060 | 9,109 | 11,100 |
| Change (\%) | 39.1 | 44.0 | 26.0 | 12.0 | 5.6 | 23.1 | 19.3 | 38.9 | 29.5 | 21.9 |
| OPM (\%) | 30.0 | 32.8 | 29.8 | 27.3 | 29.4 | 32.3 | 28.0 | 27.0 | 29.9 | 29.1 |
| Depreciation | 223 | 232 | 242 | 223 | 258 | 270 | 300 | 323 | 919 | 1,152 |
| Interest | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| Other Income | 163 | 169 | 205 | 148 | 351 | 200 | 250 | 149 | 684 | 949 |
| Extra-ordinary Items | - | - | 1 | 1 | - | - | - | - | - |  |
| PBT | 2,100 | 2,458 | 2,187 | 2,128 | 2,374 | 3,035 | 2,604 | 2,883 | 8,874 | 10,896 |
| Tax | 437 | 563 | 530 | 434 | 503 | 774 | 664 | 816 | 1,965 | 2,757 |
| Effective Tax Rate (\%) | 20.8 | 22.9 | 24.2 | 20.4 | 21.2 | 25.5 | 25.5 | 28.3 | 22.1 | 25.3 |
| Reported PAT | 1,663 | 1,895 | 1,657 | 1,692 | 1,871 | 2,261 | 1,940 | 2,067 | 6,909 | 8,139 |
| Change (\%) | 54.8 | 55.2 | 21.1 | 24.3 | 12.5 | 19.3 | 17.1 | 22.1 | 37.5 | 17.8 |
| Adjusted PAT | 1,663 | 1,895 | 1,657 | 1,693 | 1,871 | 2,261 | 1,940 | 2,067 | 6,909 | 8,139 |
| Change (\%) | 54.8 | 55.2 | 21.1 | 24.3 | 12.5 | 19.3 | 17.1 | 22.1 | 37.4 | 17.8 |

E: MOSt Estimates

## Everest Kanto Cylinders

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> EKCL IN <br> REUTERS CODE |
| :--- | ---: |
| S\&P CNX: 5,021 | EKCL.BO |
| Equity Shares (m) | 97.6 |
| 52-Week Range | $240 / 91$ |
| 1,6,12 Rel. Perf. (\%) | $-6 / 9 / 107$ |
| M.Cap. (Rs b) | 22.8 |
| M.Cap. (US\$ b) | 0.6 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 4,251 | 718 | 7.4 | 95.5 | 31.8 | 7.6 | 31.7 | 34.4 | 5.1 | 20.1 |
| 3/08E | 5,666 | 985 | 9.6 | 30.6 | 24.4 | 4.8 | 24.7 | 26.5 | 4.1 | 16.3 |
| 3/09E | 8,430 | 1,434 | 14.0 | 45.5 | 16.7 | 3.9 | 25.8 | 26.5 | 2.8 | 11.4 |

* Everest Kanto is expanding capacities timely to ride the booming global demand for CNG cylinders, including India and China. FY08 will see the benefit of ramp up at its new units at Gandhidham (estimated at $80 \%$ capacity of 340,000 cylinders, against $30 \%$ in FY07) and Dubai ( 100,000 cylinders, $30 \%$ capacity utilization in 2HFY08).

2. We have estimated 2QFY08 sales growth of $30 \%$, in line with that of 1QFY08. We have estimated EBITDA margin at $26.4 \%, 130 \mathrm{bp}$ lower than 1 QFY08 to factor in potential forex translation losses of its Dubai operations.
3. We expect effective tax rate to be slightly higher than 1QFY08, as share of Indian operations is higher (mainly from Gandhidham). Our PAT estimate for the quarter is Rs 229 m , up $68 \%$ YoY.

* For full year FY08, we maintain our estimates - revenue of Rs 5.7b, up 33\% YoY and PAT of Rs 985 m , up $37 \%$ YoY.
\& The stock trades at a P/E of 24.4x FY08E and $16.7 x$ FY09E. We believe Everest Kanto's high growth with healthy RoE will help the stock sustain rich valuations. We maintain Buy with a target of Rs 279 (20x FY09E).

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY08 |  |  |  | FY07 | FY08E |
|  | 1Q | 2 Q | 3 Q | 4Q | 10 | 2QE | 3QE | 4QE |  |  |
| Net Income | 796 | 1,001 | 1,118 | 1,336 | 1,113 | 1,301 | 1,487 | 1,765 | 4,251 | 5,666 |
| Change (\%) | 97.6 | 74.4 | 93.8 | 66.7 | 39.9 | 30.0 | 33.0 | 32.1 | 80.5 | 33.3 |
| Total Expenses | 575 | 738 | 800 | 994 | 805 | 958 | 1,100 | 1,303 | 3,106 | 4,165 |
| EBITDA | 221 | 263 | 318 | 343 | 309 | 344 | 387 | 463 | 1,145 | 1,501 |
| Change (\%) | 116.7 | 60.6 | 98.9 | 110.3 | 39.6 | 30.7 | 21.5 | 35.0 | 94.5 | 31.2 |
| EBITDA Margin (\%) | 27.8 | 26.3 | 28.5 | 25.6 | 27.7 | 26.4 | 26.0 | 26.2 | 26.9 | 26.5 |
| Depreciation | 42 | 44 | 48 | 43 | 43 | 50 | 62 | 85 | 178 | 239 |
| Interest | 9 | 17 | 12 | 16 | 16 | 21 | 24 | 30 | 53 | 91 |
| Other Income | 6 | 6 | 12 | 15 | 9 | 9 | 9 | 3 | 40 | 30 |
| PBT | 176 | 208 | 270 | 299 | 259 | 282 | 310 | 351 | 953 | 1,201 |
| Tax | 62 | 72 | 66 | 36 | 36 | 54 | 59 | 68 | 236 | 216 |
| Tax/PBT (\%) | 35.0 | 34.6 | 24.5 | 12.1 | 14.0 | 19.0 | 19.0 | 19.3 | 24.7 | 18.0 |
| PAT | 115 | 136 | 204 | 263 | 223 | 229 | 251 | 283 | 718 | 985 |
| Adjusted PAT | 115 | 136 | 204 | 263 | 223 | 229 | 251 | 283 | 718 | 985 |
| Change (\%) | 144.6 | 45.9 | 133.4 | 144.6 | 94.0 | 68.0 | 23.1 | 7.7 | 114.2 | 37.3 |
| PAT Margin (\%) | 14.4 | 13.6 | 18.2 | 19.7 | 20.0 | 17.6 | 16.9 | 16.0 | 16.9 | 17.4 |

E: MOSt Estimates

# Great Offshore 

| STOCK INFO. | BLOOMBERG <br> BSE Sensex: 17,291 <br> GOFF IN |
| :--- | ---: |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | GOFS.BO |$\quad$| Equity Shares (m) | 38.1 |
| :--- | ---: |
| 52-Week Range | $905 / 502$ |
| 1,6,12 Rel. Perf. (\%) | $-11 / 10 /-$ |
| M.Cap. (Rs b) | 31.1 |
| M.Cap. (US\$ b) | 0.8 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs 817 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 5,822 | 1,452 | 38.1 | 49.6 | 21.5 | 5.0 | 23.5 | 14.1 | 6.5 | 14.5 |
| 3/08E | 6,886 | 1,827 | 47.9 | 25.8 | 17.0 | 4.1 | 26.5 | 12.6 | 5.6 | 10.9 |
| 3/09E | 7,754 | 2,932 | 73.6 | 53.6 | 11.1 | 2.9 | 26.1 | 14.3 | 5.1 | 8.7 |

* We expect 2QFY08 to remain muted for Great Offs hore due to dry-docking of its drill barge Badrinath for most of the quarter. However, we expect profitability to be better than 1QFY08, as much of the US $\$ 9 \mathrm{~m}$ dry-docking charge was incurred in 1QFY08. (Badrinath has been re-commissioned in end-September at a sharply higher day rate of US $\$ 80,500$ compared to US $\$ 30,000$ earlier.)
\& During the quarter, the ownership issue was settled with Vijay Sheth acquiring $\sim 14 \%$ stake held by other family members. Management autonomy coupled with a strong balance sheet, we believe, has set the stage for Great Offshore seeking to acquire offshore assets.
\& As part funding, the company has is sued Rs 1.5 b worth of $10 \%$ preference shares to Exim Bank convertible at Rs 875 per share. Further, it has also obtained shareholders' approval for an FCCB of US $\$ 50 \mathrm{~m}$.
\& The preference dividend in FY08 and the expected conversion to equity in FY09 has caused us to lower our FY08E EPS by $9 \%$ to Rs 47.9 (Rs 52.8 earlier), and FY09E EPS by $5 \%$ to Rs 73.6 (Rs 77.8 earlier).
* The stock trades at a P/E of 17x FY08E and 11.1x FY09E. Our DCF-based target price is Rs 911 . We maintain Buy.

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 * |  |  |  | FY08 \# |  |  |  | FY07\# | FY08E |
|  | 10 | 2 Q | 3 Q | 4 Q | 10 | 2QE | 3QE | 4QE |  |  |
| Operating Income | 1,122 | 1,271 | 1,483 | 1,493 | 1,450 | 1,338 | 2,056 | 2,042 | 5,822 | 6,886 |
| Change (\%) | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | 49.9 | 18.3 |
| Total Expenses | 543 | 646 | 761 | 812 | 1,090 | 727 | 786 | 732 | 3,194 | 3,336 |
| EBITDA | 579 | 624 | 722 | 681 | 360 | 611 | 1,269 | 1,310 | 2,628 | 3,551 |
| Change (\%) | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | 62.5 | 35.1 |
| EBITDA Margin (\%) | 51.6 | 49.1 | 48.7 | 45.6 | 24.8 | 45.7 | 61.7 | 64.2 | 45.1 | 51.6 |
| Depreciation | 137 | 147 | 193 | 220 | 236 | 250 | 275 | 277 | 709 | 1,038 |
| Interest | 58 | 73 | 95 | 133 | 136 | 135 | 135 | 135 | 361 | 542 |
| Other Income | 36 | 9 | 6 | 27 | 83 | 32 | 32 | 32 | 79 | 178 |
| Extraordinary Inc/ (Exp) | 0 | 0 | 0 | 0 | 207 | 0 | 0 | 0 | 0 | 0 |
| PBT | 421 | 414 | 439 | 354 | 277 | 257 | 890 | 930 | 1,638 | 2,148 |
| Tax | 70 | 26 | 64 | 54 | -4 | 15 | 62 | 72 | 186 | 145 |
| Tax/PBT (\%) | 16.6 | 6.3 | 14.5 | 15.4 | -1.6 | 6.0 | 7.0 | 7.7 | 11.3 | 6.8 |
| Reported PAT | 351 | 388 | 375 | 299 | 282 | 242 | 828 | 858 | 1,452 | 2,002 |
| Adjusted PAT | 351 | 388 | 375 | 299 | 74 | 242 | 828 | 682 | 1,452 | 1,827 |
| Change (\%) | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | 49.6 | 25.8 |
| PAT Margin (\%) | 31.3 | 30.5 | 25.3 | 20.0 | 5.1 | 18.1 | 40.3 | 33.4 | 24.9 | 26.5 |

E: MOSt Estimates; * Standalone; \# Consolidated

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 17,291 | GRV IN |
|  | REUTERS CODE |
| S\&P CNX: 5,021 | GRVL.BO |
| Equity Shares (m) | 48.8 |
| 52-Week Range | $420 / 276$ |
| 1,6,12 Rel. Perf. (\%) | $-11 /-34 /-40$ |
| M.Cap. (Rs b) | 15.5 |
| M.Cap. (US\$ b) | 0.4 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | Buy <br> Rs317 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| year | net sales | PAT | Eps | EPS | PIE | Pibv | roe | Roce | Ev/ | Ev/ |
| end | (RS M) | (RS M) | (RS) | GRowth (\%) | (X) | (x) | (\%) | (\%) | SALES | ebitda |
| 6/07A | 11,009 | 1,216 | 24.9 | 63.3 | 12.7 | 5.3 | 48.0 | 48.5 | 1.2 | 9.4 |
| 6/08E | 14,246 | 1,301 | 26.6 | 7.0 | 11.9 | 4.0 | 38.3 | 50.8 | 0.9 | 7.3 |
| 6/09E | 18,332 | 1,723 | 35.3 | 32.5 | 9.0 | 3.0 | 38.5 | 54.3 | 0.7 | 5.2 |

* We expect Greaves' sales to grow $14 \%$ YoY in 1 QFY08 due to the following:
\& Three-wheeler engine sales down 5\% Yo Y [in 1QFY08, the three-wheeler market is down 5\% YoY due to: (1) higher interest rates; and (2) part-cannibalization by Tata Ace]
2 Non-auto engines sales up $17 \%$ YoY led by $30 \%$ growth in genset engines
\& Infrastructure equipment sales in the hyper growth mode, up $65 \%$ YoY
* EBITDA margin is expected to drop 360bp YoY to $12.1 \%$. Given high operating leverage in auto engines, we have factored in a sharp 530bp drop in engines EBIT margin to $13 \%$. Infrastructure equipment margins should remain healthy due to economies of scale and strong rupee, lowering cost of imported components.
* Expected PAT is Rs 207 m , down $15.5 \%$ YoY.
\& Greaves has lined up new products both in the engines and infrastructure equipment segments. We believe the full benefit of this will be felt from 2QFY08.
25 The stock currently trades at 11.9x FY08E and 9x FY09E earnings. We maintain Buy with a target of Rs 423 ( 12 x FY09E).

| QUARTERLY PERFORMANCE |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E June | FY07 * |  |  |  | FY08E * |  |  |  | FY07\# | FY08E\# |
|  | 1 Q | 2 Q | 3 Q | 4Q | 1Q | 2 Q | 3 Q | 4 Q |  |  |
| Net Sales | 2,520 | 2,871 | 2,892 | 2,523 | 2,879 | 3,709 | 3,774 | 3,351 | 11,009 | 14,246 |
| Change (\%) | 32.6 | 38.3 | 36.7 | 12.5 | 14.1 | 29.1 | 30.4 | 32.7 | 31.9 | 29.4 |
| Total Expenses | 2,125 | 2,397 | 2,414 | 2,250 | 2,529 | 3,136 | 3,194 | 2,850 | 9,377 | 12,165 |
| EBITDA | 395 | 474 | 478 | 273 | 349 | 573 | 580 | 501 | 1,631 | 2,081 |
| Change (\%) | 33.5 | 39.8 | 54.0 | -14.9 | -11.6 | 20.9 | 21.2 | 83.1 | 22.2 | 27.6 |
| EBITDA Margin (\%) | 15.7 | 16.5 | 16.5 | 10.8 | 12.1 | 15.5 | 15.4 | 14.9 | 14.8 | 14.6 |
| Depreciation | 37 | 39 | 42 | 42 | 50 | 55 | 60 | 60 | 176 | 255 |
| Interest | 32 | 51 | 41 | 32 | 39 | 47 | 48 | 53 | 158 | 192 |
| Other Income | 21 | 28 | 26 | 58 | 36 | 47 | 48 | 42 | 143 | 183 |
| PBT | 348 | 412 | 421 | 257 | 296 | 518 | 520 | 430 | 1,440 | 1,817 |
| Tax | 102 | 114 | 82 | -84 | 89 | 155 | 156 | 129 | 224 | 516 |
| Tax/PBT (\%) | 29.4 | 27.6 | 19.5 | -32.6 | 30.0 | 30.0 | 30.0 | 30.0 | 15.6 | 28.4 |
| Reported PAT | 246 | 298 | 339 | 341 | 207 | 363 | 364 | 301 | 1,216 | 1,301 |
| Adjusted PAT | 246 | 298 | 339 | 341 | 207 | 363 | 364 | 301 | 1,216 | 1,301 |
| Change (\%) | 66.4 | 66.3 | 59.3 | 53.1 | -15.5 | 21.6 | 7.3 | -11.6 | 63.3 | 7.0 |
| PAT Margin (\%) | 9.7 | 10.4 | 11.7 | 13.5 | 7.2 | 9.8 | 9.6 | 9.0 | 11.0 | 9.1 |

E:MOSt Estimates; * Standalone; \# Consolidated

# United Phosphorus 

| STOCK INFO. | BLOOMBERG |
| :--- | ---: |
| BSE Sensex: 17,291 | UNTP IN <br> REUTERS CODE |
| S\&P CNX: 5,021 | UNPO.BO |$\quad$| Equity Shares (m) | 187.5 |
| :--- | ---: |
| 52-Week Range | $407 / 233$ |
| 1,6,12 Rel. Perf. (\%) | $8 /-10 / 26$ |
| M.Cap. (Rs b) | 74.3 |
| M.Cap. (US\$ b) | 1.9 |


| 28 September 2007 |  |  |  |  |  |  |  |  |  | $\begin{gathered} \text { Buy } \\ \text { Rs } 396 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Previous Recommendation: Buy |  |  |  |  |  |  |  |  |  |  |
| Year | net sales | PAT | EPS | EPS | P/E | Priv | ROE | Roce | EV/ | Ev/ |
| end | (RS M) | (RS M) | (RS) | Growth (\%) | (x) | (X) | \%) | \%) | Sales | ebitda |
| 3/07A | 24,710 | 2,884 | 14.3 | 33.4 | 27.7 | 5.0 | 20.8 | 13.9 | 3.5 | 14.6 |
| 3/08E | 36,893 | 3,719 | 18.4 | 28.9 | 21.5 | 4.2 | 22.9 | 16.1 | 2.3 | 10.7 |
| 3/09E | 41,913 | 5,394 | 26.7 | 45.0 | 14.8 | 3.3 | 26.9 | 20.7 | 1.9 | 8.1 |

Excluding Advanta \& Cerexagri
\& United Phosphorus (UPL) is expected to report $71 \%$ YoY growth in consolidated revenues to Rs 8.9 b, driven primarily by acquisition of Cerexagri and five products since August 2006, although numbers may not be strictly comparable. While domestic business is expected to grow by $18 \%$, exports should grow by $105 \%$ on account of Cerexagri consolidation.
\& EBITDA margins are expected to decline by 450 bp to $21.5 \%$, on account of Cerexagri consolidation. Also, higher depreciation (up $35 \% \mathrm{YoY}$ ) and higher depreciation (up $100 \%$ ), will restrict PAT growth at $25.8 \%$ YoY to Rs 825 m . However, after accounting for Rs 110 m of share of profits of Advanta, reported PAT would grow $42.6 \%$ YoY to Rs 935 m .
\& The company plans to raise funds via preferential allotment of warrants to promoters ( $\sim 31.1 \mathrm{~m}$ shares) and also through equity is sue to the institutions to the extent of US $\$ 500 \mathrm{~m}$. While these two combined might result in equity dilution of $35-40 \%$, any sizeable acquisitions for which these funds are raised might neutralize the impact of equity dilution.
\& Current valuations at 21.5xFY08E and 14.8x FY09E consolidated EPS do not fully reflect strong business fundamentals and any upsides from potential acquisitions. We maintain Buy.

| QUARTERLY PERFORMANCE (CONSOLIDATED) |  |  |  |  |  |  |  |  | (RS MILLION) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Y/E MARCH | FY07 |  |  |  | FY 08* |  |  |  | FY07 | FY08E |
|  | 1 Q | 2 Q | 3 Q | 4 Q | 1 Q | 2QE | 3QE | 4QE |  |  |
| Gross Revenues | 4,804 | 5,169 | 4,840 | 9,897 | 8,450 | 8,861 | 8,106 | 11,476 | 24,709 | 36,893 |
| YoY Change (\%) | 17.9 | 18.0 | 25.8 | 73.1 | 75.9 | 71.4 | 67.5 | 15.9 | 37.1 | 49.3 |
| Total Expenditure | 3,589 | 3,824 | 3,671 | 7,743 | 6,754 | 6,956 | 6,526 | 8,852 | 18,827 | 29,087 |
| EBITDA | 1,215 | 1,345 | 1,169 | 2,154 | 1,697 | 1,905 | 1,581 | 2,623 | 5,883 | 7,806 |
| Margins (\%) | 25.3 | 26.0 | 24.1 | 21.8 | 20.1 | 21.5 | 19.5 | 22.9 | 23.8 | 21.2 |
| Depreciation | 360 | 370 | 409 | 517 | 505 | 500 | 505 | 514 | 1,656 | 2,023 |
| Interest | 241 | 219 | 183 | 403 | 320 | 440 | 445 | 445 | 1,046 | 1,650 |
| PBT before EO Expense | 614 | 755 | 577 | 1,234 | 872 | 965 | 631 | 1,664 | 3,181 | 4,132 |
| Extra-Ord Expense | 0 | 0 | 0 | 76 | 0 | 0 | 0 | 0 | 76 | 0 |
| PBT after EO Expense | 614 | 755 | 577 | 1,158 | 872 | 965 | 631 | 1,664 | 3,105 | 4,132 |
| Tax | 22 | 4 | 47 | 79 | 139 | 140 | 240 | 205 | 153 | 537 |
| Deferred Tax | 51 | 94 | 174 | 52 | 0 | 0 | 0 | 0 | 372 | 186 |
| Rate (\%) | 12.0 | 13.1 | 38.2 | 11.4 | 15.9 | 14.5 | 38.0 | 12.3 | 16.9 | 17.5 |
| Reported PAT | 541 | 656 | 357 | 1,026 | 733 | 825 | 391 | 1,460 | 2,580 | 3,409 |
| Income from Associate Co | 0 | 0 | 0 | 242 | 4 | 110 | 70 | 125 | 242 | 310 |
| Adjusted PAT | 541 | 656 | 357 | 1,335 | 738 | 935 | 461 | 1,585 | 2,885 | 3,719 |
| YoY Change (\%) | 40.8 | 39.1 | 54.2 | 20.2 | 36.5 | 42.6 | 29.2 | 18.7 | 32.4 | 28.9 |
| Margins (\%) | 11.3 | 12.7 | 7.4 | 13.5 | 8.7 | 10.6 | 5.7 | 13.8 | 11.7 | 10.1 |

E: MOSt Estimates; *Excludes Cerexagri' s restructuring cost
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## NOTES



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[^0]:    * Hindu festival of lights usually celebrated in October/November

[^1]:    PULL OUT

[^2]:    E: MOSt Estimates

[^3]:    E:MOSt Estimates

[^4]:    Jinesh K Gandhi (Jinesh@MotilalOswal.com); Tel +91 2239825416

[^5]:    E: MOSt Estimates; Quarterly results do not add up with full year results as it provides addl. depn. and deferred tax at the end of the year

[^6]:    ** Year end December, * Year end September

[^7]:    * Standalone

[^8]:    E: MOSt Estimates

[^9]:    E: MOSt Estimates; FY08 estimates adjusted for consumer healthcare divestment. Historic numbers include consumer healthcare

[^10]:    E: MOSt Estimates

