

## Tata Steel

 BSE SENSEX
 S&P CNX

 58,014
 17,340

CMP: INR1,085 TP: INR1,235(+14%)

Neutral

## **TATA STEEL**

# WeAlsoMakeTomorrow

| Stoc | k Info | 0 |
|------|--------|---|
|      |        |   |

| Bloomberg             | TATA IN       |
|-----------------------|---------------|
| Equity Shares (m)     | 1,198         |
| M.Cap.(INRb)/(USDb)   | 1325.6 / 17.8 |
| 52-Week Range (INR)   | 1535 / 597    |
| 1, 6, 12 Rel. Per (%) | -2/-35/55     |
| 12M Avg Val (INR M)   | 16331         |
| Free float (%)        | 66.1          |

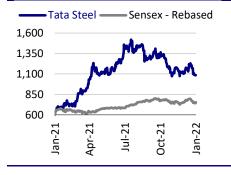
### Financials Snapshot (INR b)

| MAR           | FY21  | FY22E | FY23E |
|---------------|-------|-------|-------|
| Net Sales     | 1,563 | 2,110 | 1,956 |
| EBITDA        | 305   | 615   | 429   |
| PAT           | 83    | 338   | 197   |
| EPS (INR)     | 69.0  | 282.1 | 164.7 |
| Gr. (%)       | 661.9 | 308.7 | -41.6 |
| BV/Sh (INR)   | 577.1 | 790.8 | 889.7 |
| RoE (%)       | 11.9  | 41.2  | 19.6  |
| RoCE (%)      | 11.8  | 28.0  | 17.3  |
| P/E (x)       | 15.7  | 3.8   | 6.6   |
| P/BV (x)      | 1.9   | 1.4   | 1.2   |
| EV/EBITDA (x) | 7.0   | 3.3   | 4.8   |

## Shareholding pattern (%)

| As On    | Dec-21 | Sep-21 | Dec-20 |
|----------|--------|--------|--------|
| Promoter | 33.9   | 34.4   | 34.4   |
| DII      | 18.2   | 18.4   | 26.1   |
| FII      | 21.4   | 22.4   | 16.9   |
| Others   | 26.5   | 24.8   | 22.6   |

## Stock Performance (1-year)



## Neelachal Ispat acquisition – An expensive affair

## Iron ore mine and land parcel are the only attraction

- Tata Steel Long Products (TSLP) has acquired the government's 93.71% stake in Neelachal Ispat Nigam (NINL) for INR121b.
- The deal implies an EV of INR129b (at 100% stake) for the 100mt iron ore mine and the land parcel of 2,500 acres. As the NINL plant is a short distance away from Tata Steel's Kalinganagar plant, the two plants will have a certain level of operational synergies.
- The plan going forward: The management plans to set up a greenfield long steel products plant of 4.5mt capacity on NINL's land. This implies that the existing inefficient 1mt mini blast furnace (MBF) and ancillary equipment is likely to be taken out to make way for the new plant.
- with the investment for several years till the new steel plant is commissioned. If a single blast furnace is installed to make the operations economical at NINL, then the associated capex is likely be in the INR250-300b range and should take at least three years before commercial production can commence. Capex needs to be committed at one go and cannot be undertaken in a staggered manner, which is likely to stretch the recently repaired Balance Sheet of Tata Steel again.
- Employees: As on Mar'20, NINL had about 1,478 permanent and ~1,000 contractual employees. These are likely to add to the employee cost of TSLP or Tata Steel standalone (TSI), wherever they are absorbed till the 4.5mt project is completed.
- Benefit from existing mines: TSLP can use the existing iron ore mines of NINL to feed its operations and reduce costs by avoiding the additional royalty of 22.5% on IBM prices, which it has started paying on ore purchased from Tata Steel. NINL mines have a mining plan of 2.5mt.
- Land: Out of the land parcel of 2,514.7 acres, the plant is spread over 2,200 acres. This means construction cannot be started on a separate plot and that the existing structure has to be taken out first, thus ruling out the possibility of modular construction.

## Valuation and view

- The company had pared down its debt to INR688b as of 30<sup>th</sup> Sep'21 from INR754b as of 31<sup>st</sup> Mar'21. With this acquisition, its net debt will increase immediately to INR809b. This should reduce going forward as internal cash flows will support repayments. With the peak steel cycle behind, the roadmap to deleveraging will be far more challenging than earlier. The days of EBITDA of INR33,327/t are behind us, at least in the near term.
- We cut our consolidated FY22E/FY23E EBITDA estimate by 10.8%/7.3%, raise our net debt assumption to factor in: a) the current acquisition and b) slowdown in steel cycle, with rising coking coal costs. We value Tata Steel on a SoTP basis at INR1,235 (from INR1,565 earlier). Key risk to our forecast is a slowdown in China.

Vishal Chandak - Research analyst (Vishal.Chandak@MotilalOswal.com)

Exhibit 1: NINL's financials (INR m)

| Particulars                                      | FY15   | FY16   | FY17   | FY18   | FY19   | 1HFY20  | 9MFY20 |
|--|--------|--------|--------|--------|--------|---------|--------|
| Net Sales  | 12,439 | 10,737 | 11,719 | 9,049  | 20,054 | 6,479   | 8,012  |
| Operating EBITDA                                 | 363    | 57     | -179   | -269   | -28    | -1,612  | -3,604 |
| EBITDA (incl. Other Income)                      | 401    | 175    | 14     | -9     | 171    | -1,554  | -3,540 |
| Depreciation                                     | 1,009  | 1,051  | 1,810  | 1,739  | 1,505  | 756     | 129    |
| Interest   | 1,728  | 2,433  | 3,599  | 3,884  | 4,663  | 2,311   | 3,598  |
| PAT  | -2,327 | -3,331 | -3,558 | -3,777 | -4,022 | -5,341  | -8,267 |
| Net Worth  | 5,275  | 1,819  | -1,751 | -5,521 | -9,565 | -13,322 | N/A    |
| Fixed Assets (incl. CWIP)                        | 30,289 | 30,315 | 28,540 | 27,440 | 26,144 | 25,776  | N/A    |
| Intangible Assets under development <sup>^</sup> | 0      | 0      | 1,200  | 1,309  | 1,799  | 1,897   | N/A    |
| Long Term Loans                                  | 12,354 | 17,727 | 18,975 | 15,439 | 13,978 | 12,939  | N/A    |
| Current Maturities of LT Loans                   | 4,191  | 1,548  | 2,814  | 4,039  | 3,259  | N/A     | N/A    |
| Short Term Borrowings*                           | 8,801  | 8,250  | 10,441 | 15,151 | 15,421 | 15,567  | N/A    |
| Current Assets                                   | 3,881  | 2,805  | 3,987  | 4,038  | 5,460  | 5,285   | N/A    |
| Current Liabilities                              | 15.996 | 13.695 | 18.459 | 26.462 | 33.883 | 37.788  | N/A    |

Source: MOFSL, NINL EOI

**Exhibit 2: Details of NINL's mines** 

| Category                             | Block      | Geological reserve (mt) | Ore grade<br>(Fe %) |
|--------------------------------------|------------|-------------------------|---------------------|
| A. Reserve at 55% Fe cut-off         |            |                         |                     |
|                                      | Mithirda   | 46.5                    | 59.96               |
| Proved                               | Basada     | 34.07                   | 60.38               |
| Proved                               | Kriyakudar | 9.73                    | 58                  |
|                                      | Sub-total  | 90.3                    | 59.61               |
|                                      | Mithirda   | 4.02                    | 61.08               |
| Probable                             | Basada     | 4.18                    | 60.79               |
| Probable                             | Kriyakudar | 4                       | 63.34               |
|                                      | Sub-total  | 12.2                    | 61.72               |
| Total reserves (proven and probable) |            | 102.5                   | 59.86               |
| B. Resource at 45% Fe cut-off        |            |                         |                     |
|                                      | Mithirda   | 8.33                    |                     |
|                                      | Basada     | 4.39                    | -<br>- 45%          |
|                                      | Kriyakudar | Kriyakudar 1.69         |                     |
| Total resources                      |            | 14.41                   |                     |
| Grand total (reserves and resources) |            | 116.91                  |                     |

Source: MOFSL, NINL EOI

ML was granted in Aug'02, while the mining plan was approved in Aug'04. The mine is in the Koira block of Sundergarh and Keonjhar districts. Stage 1 and 2 forest clearances for the mine are in place, with stage 2 clearance being awarded in Jul'19. Mining operations have barely started since then.

**Exhibit 3: Change in assumptions and key financials** 

| Key assumptions      | FY22E  |         |            | FY23E  |         |            |  |
|----------------------|--------|---------|------------|--------|---------|------------|--|
|                      | Old    | Revised | Change (%) | Old    | Revised | Change (%) |  |
| Standalone           |        |         |            |        |         |            |  |
| Volumes (mt)         | 12.8   | 17.2    | 34.4       | 12.8   | 18.0    | 40.9       |  |
| Realization (INR/t)  | 71,400 | 72,042  | 0.9        | 62,100 | 67,654  | 8.9        |  |
| EBITDA (INR/t)       | 31,030 | 27,810  | -10.4      | 22,304 | 20,595  | -7.7       |  |
| EBITDA (INR b)       | 397    | 478     | 20.4       | 285    | 371     | 30.1       |  |
| TSE                  |        |         |            |        |         |            |  |
| Volumes (mt)         | 9.7    | 9.0     | -7.2       | 9.7    | 9.6     | -1.0       |  |
| EBITDA (USD/t)       | 185    | 137     | -26        | 84     | 35      | -59        |  |
| EBITDA (INR b)       | 133    | 92      | -31        | 61     | 25      | -59        |  |
| TSLP                 |        |         |            |        |         |            |  |
| Volumes (mt)         | 0.75   | 0.70    | -7         | 0.85   | 0.85    | 0          |  |
| Realization (INR/t)  | 96,371 | 90,150  | -6         | 81,252 | 87,330  | 7          |  |
| EBITDA (INR/t)       | 26,040 | 26,743  | 3          | 21,071 | 26,419  | 25         |  |
| EBITDA (INR b)       | 19,530 | 18,720  | -4         | 17,911 | 22,456  | 25         |  |
| TSLBSL*              |        |         |            |        |         |            |  |
| Volumes (mt)         | 4.6    | 1.1     | -75.4      | 4.8    | 0.0     | -100.0     |  |
| Realization (INR/t)  | 68,183 | 70,226  | 3.0        | 58,660 | 0       | -100.0     |  |
| EBITDA (INR/t)       | 23,527 | 27,648  | 17.5       | 17,020 | 0       | -100.0     |  |
| EBITDA (INR b)       | 107    | 31      | -71.1      | 82     | 0       | -100.0     |  |
| Consolidated (INR b) |        |         |            |        |         |            |  |
| Revenue              | 2,341  | 2,110   | -9.9       | 2,034  | 1,956   | -3.8       |  |
| EBITDA               | 689    | 615     | -10.8      | 463    | 429     | -7.3       |  |
| PAT                  | 394    | 338     | -14.3      | 228    | 197     | -13.5      |  |

Source: MOFSL, Company, Note: \*TSLBSL has been merged with Tata Steel standalone in 2QFY22

**Exhibit 4: Valuation** 

| Exhibit 4. Valuation        |        |        |        |        |        |        |        |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|
| Y/E March                   | FY17   | FY18   | FY19   | FY20   | FY21   | FY22E  | FY23E  |
| Standalone                  |        |        |        |        |        |        |        |
| EBITDA/t (USD)              | 161    | 201    | 232    | 171    | 228    | 376    | 270    |
| EBITDA/t (INR)              | 10,818 | 12,976 | 16,180 | 12,066 | 16,916 | 27,810 | 21,680 |
| Sales (mt)                  | 11.0   | 12.2   | 12.7   | 12.3   | 13.6   | 17.2   | 18.0   |
| EBITDA India                | 118.8  | 157.8  | 205.6  | 148.6  | 230.5  | 478.3  | 391.0  |
| Target EBITDA multiple      |        |        |        |        |        |        | 5.0    |
| Standalone EV – (a)         |        |        |        |        |        |        | 1,955  |
| INR/share                   |        |        |        |        |        |        | 1,633  |
| Subsidiaries                |        |        |        |        |        |        |        |
| EBITDA – India subsidiaries | 4.3    | 28.3   | 34.1   | 33     | 83     | 41     | 32     |
| Target EBITDA multiple      |        |        |        |        |        |        | 5.0    |
| EBITDA – Europe             | 47     | 38     | 54     | -7     | -6     | 92     | 25     |
| Target EBITDA multiple      |        |        |        |        |        |        | 4.0    |
| EV (subsidiaries) - (b)     |        |        |        |        |        |        | 263    |
| INR/share                   |        |        |        |        |        |        | 220    |
|                             |        |        |        |        |        |        |        |
| Target EV (c=a+b)           |        |        |        |        |        |        | 2,218  |
| Net Debt (d)                | 745    | 713    | 972    | 1,071  | 826    | 755    | 739    |
| INR/share                   | 622    | 596    | 812    | 894    | 690    | 630    | 617    |
| Total equity value (c-d+e)  |        |        |        |        |        |        | 1,479  |
| Target price (INR/share)    |        |        |        |        |        |        | 1,235  |

Source:

The peak of the steel cycle is behind us. Tata Steel has made yet another expensive acquisition in the final leg of the rally, which has resulted in an increase in leverage with immediate effect. It is also likely to announce a parallel capex program for this facility, which will further impact its ability to deleverage faster.

 We build in a standalone EBITDA of INR21,680/t, considering falling steel prices and rising coking coal prices.

- We expect EBITDA for its Europe operations to normalize to USD25/t as we expect coking coal cost to remain elevated. Power costs are likely to stay high in the near term, with tightening carbon emission norms impacting TSE's financials.
- Tata Steel owns a 74.91% stake in TSLP. Hence, an infusion through equity and convertibles looks difficult, which leaves the option of: a) preference shares, b) debt on the books of TSLP, or b) a layered structure with an intermediate investment vehicle to fund this acquisition. Either way its consolidated debt is likely to increase, thus postponing the entire narrative of strong Balance Sheet deleveraging. We maintain our **Neutral** rating.
- Key risk to our call is a sharp recovery or slowdown in China, which can impact steel prices either way. Continued high cost of energy in Europe and carbon costs can dent TSE's EBITDA.

## **Financials and valuations**

| <b>Consolidated Income State</b> | ement |       |       |       |       |         |       | (INR b) |
|----------------------------------|-------|-------|-------|-------|-------|---------|-------|---------|
| Y/E March                        | FY17  | FY18  | FY19  | FY20  | FY21  | FY22E   | FY23E | FY24E   |
| Net Sales                        | 1,123 | 1,322 | 1,577 | 1,490 | 1,563 | 2,110   | 1,956 | 1,871   |
| Change (%)                       | 10.1  | 17.6  | 19.3  | -5.5  | 4.9   | 35      | -7.3  | -4.4    |
| EBITDA                           | 170   | 219   | 294   | 178   | 305   | 615     | 429   | 401     |
| % of Net Sales                   | 15.1  | 16.5  | 18.6  | 12    | 19.5  | 29.2    | 21.9  | 21.4    |
| Dep. &Amort                      | 57    | 60    | 73    | 87    | 92    | 85      | 88    | 94      |
| EBIT                             | 113   | 159   | 220   | 91    | 213   | 530     | 341   | 307     |
| Finance cost                     | 51    | 55    | 77    | 76    | 76    | 73      | 67    | 60      |
| Other income                     | 5     | 9     | 14    | 18    | 9     | 15      | 21    | 6       |
| PBT before EO                    | 68    | 113   | 158   | 34    | 146   | 472     | 294   | 254     |
| EO income                        | -43   | 96    | -1    | -49   | -10   | -3.1304 | 0     | 0       |
| PBT after EO                     | 25    | 209   | 157   | -16   | 135   | 468     | 294   | 254     |
| Tax                              | 28    | 34    | 67    | -26   | 57    | 110     | 74    | 69      |
| Rate (%)                         | 113   | 16    | 43    | 163   | 42    | 24      | 25    | 27      |
| Reported PAT                     | -3    | 175   | 90    | 10    | 79    | 358     | 221   | 184     |
| Minority interest P/L            | 1     | 43    | -11   | -4    | 7     | 28      | 28    | 28      |
| Share of asso. PAT               | 0     | 2     | 2     | 2     | 3     | 5       | 5     | 5       |
| PAT (after MI and asso.)         | -4    | 134   | 103   | 16    | 75    | 336     | 198   | 162     |
| Div. on Pref. /Hybrid Sec.       | 3     | 3     | 3     | 3     | 3     | 1       | 1     | 1       |
| Adjusted PAT                     | 37    | 80    | 101   | 10    | 83    | 338     | 197   | 161     |
| Change (%)                       | -275  | 116   | 27    | -90   | 697   | 309     | -42   | -19     |

| Consolidated Balance Sheet |       |       |       |       |       |       |       | (INR b) |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|---------|
| Y/E March                  | FY17  | FY18  | FY19  | FY20  | FY21  | FY22E | FY23E | FY24E   |
| Share Capital              | 10    | 11    | 11    | 11    | 12    | 12    | 12    | 12      |
| Reserves                   | 346   | 575   | 655   | 702   | 723   | 979   | 1,097 | 1,186   |
| Net Worth                  | 355   | 586   | 667   | 713   | 735   | 991   | 1,109 | 1,198   |
| Minority Interest          | 16    | 9     | 24    | 26    | 33    | 60    | 88    | 116     |
| Total Loans                | 851   | 942   | 1,031 | 1,186 | 956   | 1,006 | 836   | 756     |
| Deferred Tax Liability     | 91    | 95    | 115   | 78    | 75    | 76    | 75    | 84      |
| Capital Employed           | 1,313 | 1,632 | 1,836 | 2,003 | 1,798 | 2,132 | 2,108 | 2,154   |
| Gross Block                | 1,266 | 1,399 | 1,730 | 1,918 | 2,020 | 2,112 | 2,209 | 2,486   |
| Less: Accu. Depn.          | 380   | 479   | 526   | 613   | 705   | 791   | 879   | 973     |
| Net Fixed Assets           | 885   | 920   | 1,204 | 1,305 | 1,314 | 1,321 | 1,330 | 1,514   |
| Capital WIP                | 158   | 166   | 186   | 195   | 190   | 225   | 287   | 169     |
| Investments                | 68    | 30    | 32    | 29    | 35    | 161   | 166   | 171     |
| Goodwill on consolidation  | 35    | 41    | 40    | 41    | 43    | 43    | 43    | 43      |
| Curr. Assets               | 578   | 929   | 863   | 921   | 855   | 1,097 | 957   | 919     |
| Inventory                  | 248   | 283   | 317   | 311   | 333   | 434   | 429   | 410     |
| Account Receivables        | 116   | 124   | 118   | 79    | 95    | 116   | 134   | 128     |
| Cash and liquid investment | 106   | 228   | 59    | 115   | 130   | 251   | 97    | 84      |
| Others                     | 109   | 294   | 370   | 417   | 297   | 297   | 297   | 297     |
| Cur. Liab & Prov.          | 411   | 455   | 490   | 487   | 639   | 715   | 674   | 662     |
| Account Payables           | 186   | 204   | 217   | 214   | 260   | 335   | 295   | 282     |
| Provisions &d Others       | 225   | 251   | 273   | 273   | 380   | 380   | 380   | 380     |
| Net Current Assets         | 168   | 475   | 373   | 434   | 216   | 382   | 282   | 257     |
| Appl. of Funds             | 1,313 | 1,632 | 1,836 | 2,003 | 1,798 | 2,132 | 2,108 | 2,154   |

# **Financials and valuations**

| Consolidated Ratios   |                               |                               |                          |                          |                           |                           |  | INR b                            |
|---|-------------------------------|-------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--|----------------------------------|
| Y/E March   | FY17                          | FY18                          | FY19                     | FY20                     | FY21                      | FY22E                     | FY23E                                      | FY24E                            |
| Basic (INR)   |                               |                               |                          |                          |                           |                           |  |                                  |
| EPS   | 37.9                          | 69.5                          | 88.6                     | 9.1                      | 69.0                      | 282.1                     | 164.7                                      | 134.2                            |
| Cash EPS  | 96.4                          | 121.6                         | 152.7                    | 85.1                     | 146.1                     | 353.5                     | 238.5                                      | 212.4                            |
| BV/Share (ex goodwill)  | 330.3                         | 476.0                         | 547.2                    | 587.3                    | 577.1                     | 790.8                     | 889.7                                      | 964.1                            |
| DPS   | 8                             | 8                             | 10                       | 10                       | 25                        | 55.0                      | 55.0                                       | 50.0                             |
| Payout (%)  | 25.2                          | 11.6                          | 11.3                     | 110.4                    | 36.2                      | 19.5                      | 33.4                                       | 37.3                             |
| Valuation (x)   |                               |                               |                          |                          |                           |                           |  |                                  |
| P/E   | 28.6                          | 15.6                          | 12.3                     | 119.8                    | 15.7                      | 3.8                       | 6.6  | 8.1                              |
| Cash P/E  | 11.3                          | 8.9                           | 7.1                      | 12.8                     | 7.4                       | 3.1                       | 4.6  | 5.1                              |
| P/BV  | 3.3                           | 2.3                           | 2.0                      | 1.8                      | 1.9                       | 1.4                       | 1.2  | 1.1                              |
| EV/Sales  | 1.6                           | 1.5                           | 1.4                      | 1.6                      | 1.4                       | 1.0                       | 1.0  | 1.1                              |
| EV/EBITDA   | 10.6                          | 8.9                           | 7.5                      | 13.0                     | 7.0                       | 3.3                       | 4.8  | 4.9                              |
| Dividend Yield (%)  | 0.7                           | 0.7                           | 0.9                      | 0.9                      | 2.3                       | 5.1                       | 5.1  | 4.6                              |
| Return Ratios (%)   |                               |                               |                          |                          |                           |                           |  |                                  |
| EBITDA Margin (%)   | 15.1                          | 16.6                          | 18.6                     | 12.0                     | 19.5                      | 29.2                      | 21.9                                       | 21.4                             |
| Net Profit Margin (%)   | 3.3                           | 6.0                           | 6.4                      | 0.7                      | 5.3                       | 16.0                      | 10.1                                       | 8.6                              |
| RoE   | 15.7                          | 17.2                          | 17.3                     | 1.6                      | 11.9                      | 41.2                      | 19.6                                       | 14.5                             |
| RoCE (pre-tax)  | 9.4                           | 11.6                          | 13.7                     | 5.8                      | 11.8                      | 28.0                      | 17.3                                       | 14.9                             |
| RoIC (pre-tax)  | 13.3                          | 14.6                          | 15.9                     | 5.7                      | 13.7                      | 36.0                      | 22.3                                       | 18.7                             |
| Working Capital Ratios  |                               |                               |                          |                          |                           |                           |  |                                  |
| Fixed Asset Turnover (x)  | 1.3                           | 1.4                           | 1.3                      | 1.1                      | 1.2                       | 1.6                       | 1.5  | 1.2                              |
| Asset Turnover (x)  | 0.9                           | 0.8                           | 0.9                      | 0.7                      | 0.9                       | 1.0                       | 0.9  | 0.9                              |
| Debtor (Days)   | 37.7                          | 34.3                          | 27.3                     | 19.3                     | 22.3                      | 20                        | 25   | 25                               |
| Inventory (Days)  | 80.6                          | 78.2                          | 73.3                     | 76.1                     | 77.7                      | 75                        | 80   | 80                               |
| Payables (Days)   | 60.4                          | 56.4                          | 50.3                     | 52.4                     | 60.6                      | 58                        | 55   | 55                               |
| Working Capital T/O (Days)  | 57.9                          | 56.2                          | 50.4                     | 43.1                     | 39.3                      | 37                        | 50   | 50                               |
| Leverage Ratio (x)  | 37.3                          | 30.2                          | 30.4                     | 73.1                     | 33.3                      |                           |  | 30                               |
| Current Ratio   | 1.4                           | 2.0                           | 1.8                      | 1.9                      | 1.3                       | 1.5                       | 1.4  | 1.4                              |
| Interest Coverage   | 2.2                           | 2.9                           | 2.9                      | 1.2                      | 2.8                       | 7.2                       | 5.1  | 5.1                              |
| Net Debt/Equity   | 2.3                           | 1.3                           | 1.6                      | 1.6                      | 1.2                       | 0.8                       | 0.7  | 0.6                              |
| Net Debt/ Equity  | 2.5                           | 1.3                           | 1.0                      | 1.0                      | 1.2                       | 0.0                       | 0.7  | 0.0                              |
|   |                               |                               |                          |                          |                           |                           |  |                                  |
| Consolidated Cash Flow Statement  |                               |                               |                          |                          |                           |                           |  | INR b                            |
| Y/E March   | FY17                          | FY18                          | FY19                     | FY20                     | FY21                      | FY22E                     | FY23E                                      | FY24E                            |
| EBITDA  | 170                           | 219                           | 294                      | 178                      | 305                       | 615                       | 429  | 401                              |
| Reconciliation income (loss)  | 6                             | -17                           | -15                      | 3                        | -20                       | 0                         | 0  | 0                                |
| (Inc.)/Dec. in Wkg. Cap.  | -49                           | -43                           | 26                       | 42                       | 165                       | -45                       | -54  | 12                               |
| Tax Paid  | -18                           | -29                           | -51                      | -21                      | -7                        | -110                      | -74  | -60                              |
| CF from Op. Activity  | 108                           | 130                           | 253                      | 202                      | 443                       | 460                       | 301  | 352                              |
| (Inc.)/Dec. in FA + CWIP  | -77                           | -75                           | -91                      | -104                     | -70                       | -127                      | -159                                       | -159                             |
| Free Cash Flow to Firm  | 31                            | 55                            | 162                      | 98                       | 373                       | 333                       | 142  | 193                              |
| (Pur.)/Sale of Non-cur. Invest.   | 4                             | -9                            | 4                        | 4                        | 4                         | -121                      | 0  | 0                                |
| Acquisition in subsidiaries   | -11                           | -2                            | -351                     | -41                      | 1                         | -3                        | 0  | 0                                |
| Int. &Dividend Income   | 2                             | 4                             | 3                        | 4                        | 5                         | 15                        | 21   | 6                                |
| Others  | -3                            | 9                             | 18                       | 8                        | 3                         | 0                         | 0  | 0                                |
| CF from Inv. Activity   | -85                           | -73                           | -416                     | -129                     | -57                       | -236                      | -139                                       | -153                             |
| CF Irom inv. Activity   |                               | 91                            | 0                        | 2                        | 32                        | 0                         | 0  | 0                                |
| Equity raised/(repaid)  | 7                             | J +                           |                          |                          |                           |                           |  |                                  |
| Equity raised/(repaid)  | 7<br>27                       | 41                            | 82                       | 76                       | -321                      | 50                        | -170                                       | -80                              |
| Equity raised/(repaid) Debt raised/(repaid)   |                               |                               |                          | 76<br>-18                | -321<br>-12               | 50<br>-79                 | -170<br>-79                                | -80<br>-72                       |
| Equity raised/(repaid) Debt raised/(repaid) Dividend (incl. tax)  | 27                            | 41                            | 82<br>-14<br>-74         |                          |                           |                           | -79  | -80<br>-72<br>-60                |
| Equity raised/(repaid) Debt raised/(repaid) Dividend (incl. tax) Interest & equiv. paid   | 27<br>-9<br>-50               | 41<br>-12<br>-54              | -14<br>-74               | -18<br>-77               | -12<br>-71                | -79<br>-74                | -79<br>-68                                 | -72<br>-60                       |
| Equity raised/(repaid) Debt raised/(repaid) Dividend (incl. tax) Interest & equiv. paid CF from Fin. Activity                     | 27<br>-9<br>-50<br><b>-26</b> | 41<br>-12<br>-54<br><b>66</b> | -14<br>-74<br>- <b>7</b> | -18<br>-77<br><b>-17</b> | -12<br>-71<br><b>-371</b> | -79<br>-74<br><b>-103</b> | -79<br>-68<br><b>-317</b>                  | -72<br>-60<br><b>-212</b>        |
| Equity raised/(repaid) Debt raised/(repaid) Dividend (incl. tax) Interest & equiv. paid CF from Fin. Activity (Inc.)/Dec. in Cash | 27<br>-9<br>-50<br>-26<br>-3  | 41<br>-12<br>-54<br>66<br>123 | -14<br>-74<br>-7<br>-170 | -18<br>-77<br>-17<br>56  | -12<br>-71<br>-371<br>15  | -79<br>-74<br>-103<br>121 | -79<br>-68<br>- <b>317</b><br>- <b>154</b> | -72<br>-60<br><b>-212</b><br>-13 |
| Equity raised/(repaid) Debt raised/(repaid) Dividend (incl. tax) Interest & equiv. paid CF from Fin. Activity                     | 27<br>-9<br>-50<br><b>-26</b> | 41<br>-12<br>-54<br><b>66</b> | -14<br>-74<br>- <b>7</b> | -18<br>-77<br><b>-17</b> | -12<br>-71<br><b>-371</b> | -79<br>-74<br><b>-103</b> | -79<br>-68<br><b>-317</b>                  | -72<br>-60<br><b>-212</b>        |

| Explanation of Investment Rating |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|
| Investment Rating                | Expected return (over 12-month)  |  |  |  |  |
| BUY                              | >=15%  |  |  |  |  |
| SELL                             | <-10%  |  |  |  |  |
| NEUTRAL                          | < - 10 % to 15%  |  |  |  |  |
| UNDER REVIEW                     | Rating may undergo a change  |  |  |  |  |
| NOT RATED                        | We have forward looking estimates for the stock but we refrain from assigning recommendation |  |  |  |  |

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