

Strong marketing and petchem show

Oil & Gas > Result Update > January 30, 2024

TARGET PRICE (Rs): 145

GAIL reported a 23% beat in Q3FY24 EBITDA at Rs38.2bn, led by higher-thanexpected gas marketing EBITDA at Rs20.7bn (vs. Rs15.9bn est.) and petchem turning positive QoQ at Rs2bn vs. near breakeven estimates. PAT came in at Rs28.4bn, a 40% beat with other income also higher. Gas transmission EBITDA was 6% above estimates on lower opex, volumes being inline. LPG-LHC earnings rose with 35% QoQ recovery in Aramco LPG OSPs. Management has upped marketing EBITDA guidance for FY24/25/26E to >Rs55/40/45bn, led by focus on margins and cost optimization. Petchem should remain in black. We raise our FY24E EPS by 12% and FY25-26E EPS by 6% on higher marketing income. We increase our TP by 16% to Rs145 (6x Dec-25 EV/EBITDA). We maintain REDUCE due to recent strong stock runup and outlook being priced in.

| Target Price – 12M | Dec-24 |
|-----------------------|--------|
| Change in TP (%) | 16.5 |
| Current Reco. | REDUCE |
| Previous Reco. | REDUCE |
| Upside/(Downside) (%) | (15.5) |
| CMP (29-Jan-24) (Rs) | 171.8 |
| | |

| GAIL: Financial Snap | GAIL: Financial Snapshot (Standalone) | | | | | | | | | | | | | |
|-----------------------------|---------------------------------------|---------|-----------|-----------|-----------|--|--|--|--|--|--|--|--|--|
| Y/E March (Rs mn) | FY21 | FY22 | FY23 | FY24E | FY25E | | | | | | | | | |
| Revenue | 567,302 | 916,265 | 1,442,497 | 1,294,038 | 1,300,570 | | | | | | | | | |
| EBITDA | 64,451 | 138,290 | 68,789 | 130,150 | 131,470 | | | | | | | | | |
| Adj. PAT | 48,902 | 103,640 | 54,465 | 91,997 | 88,180 | | | | | | | | | |
| Adj. EPS (Rs) | 11.0 | 23.3 | 8.3 | 14.0 | 13.4 | | | | | | | | | |
| EBITDA margin (%) | 11.4 | 15.1 | 4.8 | 10.1 | 10.1 | | | | | | | | | |
| EBITDA growth (%) | (24.0) | 114.6 | (50.3) | 89.2 | 1.0 | | | | | | | | | |
| Adj. EPS growth (%) | (25.0) | 111.9 | (65.5) | 73.5 | (4.1) | | | | | | | | | |
| RoE (%) | 10.8 | 20.3 | 9.8 | 15.8 | 14.0 | | | | | | | | | |
| RoIC (%) | 9.9 | 23.6 | 8.1 | 14.9 | 13.1 | | | | | | | | | |
| P/E (x) | 15.6 | 7.4 | 20.7 | 12.3 | 12.8 | | | | | | | | | |
| EV/EBITDA (x) | 12.6 | 5.9 | 18.6 | 10.0 | 10.1 | | | | | | | | | |
| P/B (x) | 1.6 | 1.4 | 2.0 | 1.9 | 1.7 | | | | | | | | | |
| FCFF yield (%) | 4.2 | 3.5 | (3.5) | (0.2) | (0.2) | | | | | | | | | |

| Stock Data | Ticker |
|-------------------------|-----------|
| 52-week High (Rs) | 175 |
| 52-week Low (Rs) | 91 |
| Shares outstanding (mn) | 6,575.1 |
| Market-cap (Rs bn) | 1,129 |
| Market-cap (USD mn) | 13,582 |
| Net-debt, FY24E (Rs mn) | 177,336 |
| ADTV-3M (mn shares) | 24 |
| ADTV-3M (Rs mn) | 3,574.7 |
| ADTV-3M (USD mn) | 43.0 |
| Free float (%) | 41.0 |
| Nifty-50 | 21,738 |
| INR/USD | 83.1 |
| Shareholding, Dec-23 | |
| Promoters (%) | 51.5 |
| FPIs/MFs (%) | 14.1/19.2 |
| | |

Source: Company, Emkay Research

| Price Performance | | | | | | | | | | |
|-------------------|-----|------|------|--|--|--|--|--|--|--|
| (%) | 1M | 3M | 12M | | | | | | | |
| Absolute | 6.0 | 45.2 | 73.2 | | | | | | | |
| Rel. to Nifty | 4.5 | 26.0 | 42.6 | | | | | | | |
| | | | | | | | | | | |

Result Highlights

Management KTAs

| 1-Year share price trend (Rs) | |
|--|------------------|
| 175 _{Rs} % | 6 0 |
| 156 - | 46 |
| 137 - | - 32 |
| 118 - | - 18 |
| 99 - | - 4 |
| 80 | ↓ -10 |
| Feb-23 Apr-23 Jun-23 Jul-23 Sep-23 Nov-23 Ja | n-24 |
| GAIL IN Equity (LHS) Rel to Nifty (| RHS) |

Gas transmission EBITDA fell 5% QoQ due to higher opex, as volumes grew 17% YoY/1% QoQ to 121.5mmscmd. Average tariff fell 1% QoQ to Rs2.2/scm. Gas marketing EBITDA rose 6% QoQ to Rs20.7bn in Q3, with better RLNG margins (beat). Marketing volume rose 1% to 98.1mmscmd (in-line). Petchem EBITDA stood at Rs2bn in Q3 vs. Rs380mn loss in Q2 and our loss estimate of Rs14mn. Pata utilization improved to >100% in Q3 vs. 78% in Q2 and 95% estimated by us. Realization premium to Korea narrowed to 13% in Q3 vs. 23% in Q2. LPG & LHC EBITDA came in at Rs2.8bn vs. Rs50mn in Q2, on recovery in realizations. LPG & LHC production rose 5% QoQ, while discount to Arab Gulf expanded to 8% in Q3 from 5% in Q2. LPG transmission EBITDA fell 3% QoQ, with tariff up 1%, while volumes fell 1% and opex was up by 6% (down 33% YoY). Other segment's EBITDA came in at Rs4.2bn in Q3 vs. Rs3.8bn in Q2. 9MFY24 capex stood at Rs65.8bn. The board declared an interim dividend of Rs5.5/share.

Sabri Hazarika

sabri.hazarika@emkayglobal.com +91 22 6612 1282

Harsh Maru harsh.maru@emkayglobal.com +91 22 6612 1336

Gas transmission volumes are expected to average at ~120mmscmd in FY24 and exit at 123-124mmscmd; while cumulatively, 12-15mmscmd of incremental volumes can be expected in the next 2-3 years. APM allocation for compressor fuel has become nil from 16-Dec-23 and transmission opex would rise in Q4FY24. Gas marketing volumes should grow by 5-6% YoY. GAIL's marketing margins are supported by time and destination swaps on a case-to-case basis cargo wise as well as growing domestic share. GAIL has signed 1mmtpa contract with Vitol for the supply of RLNG from CY26 (while it has announced another 0.5mmtpa contract with ADNOC for the supply from CY26 for 10 years). Management expects petchem to breakeven at EBIT level in FY24, led by optimization of input gas costs and operational efficiency; while FY25 earnings should improve further, led by lower energy costs, operating leverage, and efficiency. Pata profitability is likely to improve further in Q4FY24. Delay in tariff order relating to gas pricing, SUG cost, etc. can be attributed to non-availability of Member-Legal at PNGRB. FY25 capex target is Rs90bn, with Rs30bn/Rs33bn on pipelines/petchem. JHBDPL will be fully complete by Jun-24, while other pipeline & petchem projects are also on schedule.

Arya Patel arya.patel@emkayglobal.com +91 22 6612 1285

Valuation

We value GAIL on SOTP-EV/EBITDA method, with investments at 30% holdco discount. We increase our target multiple for gas marketing to 5x from 3.5x earlier & petchem by 0.5x. Key risks: Adverse commodity price & margins, currency, regulations, & outages.

Exhibit 1: Actuals vs. Estimates (Q3FY24)

| (Rs bn) | Actual | Estimates | Consensus Estimates | variation | | Comments |
|---------------------|--------|-----------|------------------------|-----------|--------|---------------------------------------|
| (KS DII) | Actual | (Emkay) | (Bloomberg) | | | |
| Total Revenue | 342.4 | 357.6 | 337.6 | -4% | 1% | |
| Adjusted EBITDA | 38.2 | 31.1 | 33.4 | 23% | 14% | Better marketing and petchem earnings |
| EBITDA Margin (%) | 11.2% | 8.7% | 9.9% | 245bps | 126bps | |
| Adjusted Net Profit | 28.4 | 20.3 | 23.8 | 40% | 19% | Higher other income |

Source: Company, Emkay Research

| Evhibit | 2. 0 | torbe | Summary |
|---------|------|-------|---------|
| | | | |

| (Rs mn) | Q3FY23 | Q4FY23 | Q1FY24 | Q2FY24 | Q3FY24 | YoY | QoQ | 9MFY23 | 9MFY24 | YoY |
|---------------------------|---------|---------|---------|---------|---------|------|-----|-----------|---------|------|
| Revenue | 353,654 | 328,432 | 322,121 | 318,068 | 342,365 | -3% | 8% | 1,114,065 | 982,553 | -12% |
| cogs | 328,978 | 297,560 | 273,029 | 260,360 | 277,664 | -16% | 7% | 991,200 | 811,052 | -18% |
| Gross Profit | 24,676 | 30,872 | 49,092 | 57,708 | 64,701 | 162% | 12% | 122,865 | 171,501 | 40% |
| Opex | 22,063 | 26,001 | 24,765 | 22,795 | 26,476 | 20% | 16% | 58,948 | 74,036 | 26% |
| EBITDA | 2,613 | 4,872 | 24,327 | 34,913 | 38,226 | NM | 9% | 63,917 | 97,466 | 52% |
| Depreciation | 6,226 | 6,432 | 6,358 | 7,503 | 7,843 | 26% | 5% | 18,449 | 21,703 | 18% |
| Interest | 1,050 | 903 | 1,758 | 1,718 | 1,564 | 49% | -9% | 2,214 | 5,041 | 128% |
| Other Income | 6,889 | 10,172 | 2,676 | 5,609 | 8,121 | 18% | 45% | 16,675 | 16,406 | -2% |
| Exceptionals | - | -1,800 | - | - | - | | | 0 | - | |
| PBT | 2,227 | 5,909 | 18,887 | 31,301 | 36,940 | NM | 18% | 59,929 | 87,128 | 45% |
| Tax | -231 | -127 | 4,767 | 7,252 | 8,514 | NM | 17% | 12,950 | 20,533 | 59% |
| Rep. PAT | 2,457 | 6,035 | 14,120 | 24,049 | 28,426 | NM | 18% | 46,980 | 66,595 | 42% |
| Adj. PAT | 2,457 | 7,874 | 14,120 | 24,049 | 28,426 | NM | 18% | 46,980 | 66,595 | 42% |
| Adj. EPS (Rs) | 0.4 | 1.2 | 2.1 | 3.7 | 4.3 | NM | 18% | 7.1 | 10.1 | 42% |
| Gas Transmission | | | | | | | | | | |
| Volume (mmscmd) | 103.7 | 108.2 | 116.3 | 120.3 | 121.5 | 17% | 1% | 106.6 | 119.4 | 12% |
| Adj. Tariff (Rs/scm) | 1.6 | 1.5 | 2.2 | 2.2 | 2.2 | 36% | -1% | 1.6 | 2.2 | 41% |
| Reported EBITDA | 7,230 | 4,770 | 13,510 | 16,500 | 15,610 | 116% | -5% | 22,100 | 45,620 | 106% |
| LPG Transmission | | | | | | | | | | |
| Volume (mmt) | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | -1% | -2% | 3.3 | 3.3 | 0% |
| Tariff (Rs/mt) | 1,617 | 1,603 | 1,631 | 1,643 | 1,662 | 3% | 1% | 1,665 | 1,645 | -1% |
| Reported EBITDA | 1,080 | 970 | 960 | 1,040 | 1,010 | -6% | -3% | 3,350 | 3,010 | -10% |
| Gas Marketing | | | | | | | | | | |
| Volume (mmscmd) | 89.9 | 96.5 | 98.8 | 97.0 | 98.1 | 9% | 1% | 93.0 | 98.0 | 5% |
| Reported EBITDA | 30 | 5,760 | 11,030 | 19,530 | 20,730 | NM | 6% | 10,310 | 51,290 | 397% |
| EBITDA Margin (USD/mmbtu) | 0.0 | 0.0 | 0.3 | 0.6 | 0.6 | NM | 0% | 0.1 | 0.5 | 805% |
| Petchem | | | | | | | | | | |
| Sales Volume (kt) | 65 | 118 | 162 | 168 | 215 | 231% | 28% | 291 | 545 | 87% |
| Reported EBITDA | -2,100 | -2,570 | -1,730 | -380 | 2,050 | NM | NM | -6,770 | -60 | NM |
| EBITDA/mt (USD) | -393 | -265 | -130 | -28 | 94 | NM | NM | -286 | -10 | NM |
| LPG & LHC | | | | | | | | | | |
| Sales Volume (kt) | 248 | 230 | 247 | 242 | 249 | 0% | 3% | 709 | 738 | 4% |
| Reported EBITDA | -60 | 1,460 | 2,250 | 50 | 2,800 | NM | NM | 6,640 | 5,100 | -23% |
| EBITDA/mt (USD) | -3 | 18 | 100 | 2 | 111 | NM | NM | 69 | 72 | 5% |

Source: Company, Emkay Research; Note: Adjusted PAT may not fully match the annual tables due to a different adjustment method in the Emkay detailed annual model. In adjusted EBITDA of Q4FY23, higher gas cost and handling are not taken as a one-off. APAT assumes tax rate as it is.

Concall Highlights

- GAIL's Q3FY24 earnings were driven by better gas marketing margins, recovery in petchem profitability (101% utilization), and higher LPG-LHC margins. Capex was Rs65.8bn in 9MFY24, spent across pipelines, petchem, and other segments. GAIL plans to incur capex of Rs90bn (erroneously said Rs170bn; it later clarified offline, but that excluded net zero goals, which were stated in the call) in FY25 split as Rs30bn/2bn/33bn/1.5bn/5bn/7.5bn/10bn between pipelines/CGD/petchem/E&P/Others/Operational/Equity contribution towards subsidiaries, JVs, and associates.
- Among gas pipeline projects, the Mumbai-Nagpur (700km) section of Jharsuguda pipeline would be completed by Oct-24, JHBDPL will be fully progressively completed by Jun-24 (2,951km out of 3,289km has already been commissioned), Srikakulam-Angul (420km)/spur lines will be completed by Jun-24/Sep-24, Odisha section (150km) of Dhamra-Haldia will be completed by Jun-24 and Gurdaspur-Jammu by July-26 (160kms, pre-project activities on). In petchem, the Rs112.6bn 500ktpa Usar PDH PP will be commissioned by Apr-25, the Rs13bn 60ktpa Pata PP will be completed by Jul-24, and Rs5.3bn 58ktpa IPA will be commissioned by Dec-25. The Rs42bn 1.25mmtpa GAIL Mangalore Petchem (JBF) would be ready by Mar-25, which includes Rs21bn of acquisition and the balance are commissioning costs.
- Gas marketing has exceeded earnings expectation and management now expects >Rs55bn EBITDA for FY24; while FY25/26 guidance has also been raised to Rs40/45bn, though it is based on conservatism. Gas marketing volumes should grow by 5-6% YoY. GAIL's marketing margins are supported by time and destination swaps on a case-to-case basis cargo wise as well as growing domestic share (overseas arbitrage was also there). While its previous strategy was to mitigate volume risk, now it is focused on margins. It was also supported by low-cost gas sourcing; while GAIL's portfolio includes the option to market mid-to-long-term volumes on higher margins as well as US gas flexibility. More than the revenue side, it is the cost optimization that has led to higher margins.
- GAIL has signed a 1mmtpa contract with Vitol for the supply of RLNG from CY26 (while it has announced another 0.5mmtpa contract with ADNOC Gas today for the supply from CY26 for 10 years). The company is under advanced discussions for more supplies and these will be part of the broader portfolio. The slopes are generally competitive. Gazprom cargoes have resumed, but the shortfall has not been supplied to GAIL and arbitration is on. GAIL has only one gas trading hub in Singapore.
- In gas transmission, management expects FY24 volumes to average at ~120mmscmd and exit at 123-124mmscmd, with Q3FY24 average volumes of 121.5mmscmd. Cumulatively, 12-15mmscmd of incremental volumes can be expected in the next 2-3 years (3mmscmd as feed from IOCL Dadri-Panipat resumption, 3mmscmd from CGD players, and 0.5mmscmd from IOCL-Barauni etc.).
- KG basin tariff cannot be extrapolated in case of GAIL's integrated network w.r.t. gas pricing, SUG cost, and tariff recovery as the former does not have compressor stations; hence, internal consumption is very low. A separate order from PNGRB is awaited for the latter. Delay on the same can be attributed to non-availability of Member-Legal at PNGRB. ~10% of GAIL's transmission volume viz. 9-10mmscmd is outside the unified tariff mechanism (e.g. KG basin, KKMBPL, Agartala network, etc.).
- GAIL consumes ~1.7mmscmd of compressor fuel in its transmission business, which is sourced through domestic gas (from IGX) or RLNG, based on availability. APM allocation for compressor fuel has become nil from 16-Dec-23 (with last 0.2mmscmd gone) and transmission opex could rise by 15% QoQ in Q4FY24.
- Management expects petchem to breakeven at EBIT level in FY24, led by optimization of input gas costs and operational efficiency. FY25 earnings should improve further, led by lower energy costs, operating leverage, and efficiency w.r.t. specific energy consumption etc. Pata profitability is likely to improve further in Q4FY24. In Q3FY24, realization fell by Rs8K/ton, but input gas cost averaged at USD8-9/mmbtu, which is optimal for the petchem segment (USD9 breakeven price). No major shutdowns are planned at Pata for a year. In case of Usar PDHPP project, feedstock is propane; while GAIL expects reasonable deltas based on its assessment with propane-PP input output linkages.

- Volumes for the LPG-LHC segment are expected to be higher YoY in FY24; while GAIL hedges its exposure for LPG products. The company regularly discusses CGD monetization, mergers and reverse mergers, listings etc. of subsidiaries/associates etc. and such plans are in the radar, subject to discussions with partners. Nothing concrete has been decided though. Green hydrogen plant construction is going on and is part of GAIL's energy transition plan.
- GAIL's standalone CGD's CNG stations stood at 165, while DPNG customers were at 2.9lakh as of Q3FY24-end. It added 8 CNG stations/16,000 DPNG customers in Q3, while volumes stood at 0.3mmscmd. It is planning to add 100 CNG RO/2lakh DPNG customers in the next two years in the six GAs. GAIL Gas posted revenue/PBT/PAT of Rs31.45bn/1.5bn/1.3bn. Volumes were 7.18mmscmd in Q3, up 10% YoY as bulk trading/CNG was up 12%/11% YoY. It had 491/9.1lakh of CNG stations/DPNG connections, with 29/17,731 added in Q3. Bengal Gas operated 13 CNG stations, 237km of pipelines, and had 8,000 DPNG connections as of Q3-end.

Exhibit 3: Change in assumptions

| | | FY24E | | | FY25E | | | FY26E | |
|----------------------|----------|---------|----------|----------|---------|----------|----------|---------|----------|
| | Previous | Revised | Variance | Previous | Revised | Variance | Previous | Revised | Variance |
| Gas Transmission | | | | | | | | | |
| Volumes (mmscmd) | 120.2 | 120.2 | 0% | 130.4 | 128.6 | -1% | 139.5 | 136.3 | -2% |
| Adj. Tariff (Rs/scm) | 1.9 | 2.2 | 18% | 1.9 | 2.2 | 18% | 1.9 | 2.3 | 18% |
| Adj. EBITDA (Rs.bn) | 54.7 | 56.4 | 3% | 60.1 | 60.9 | 1% | 65.4 | 65.6 | 0% |
| LPG Transmission | | | | | | | | | |
| Volumes (mmt) | 4.4 | 4.4 | 0% | 4.5 | 4.5 | 0% | 4.6 | 4.6 | 0% |
| Adj. EBITDA (Rs.bn) | 3.4 | 3.7 | 6% | 3.5 | 3.7 | 6% | 3.5 | 3.7 | 6% |
| Gas Marketing | | | | | | | | | |
| Volumes (mmscmd) | 99.3 | 98.6 | -1% | 106.5 | 104.8 | -2% | 113.4 | 111.2 | -2% |
| Margin (USD/mmbtu) | 0.4 | 0.5 | 22% | 0.3 | 0.3 | 16% | 0.3 | 0.3 | 23% |
| Adj. EBITDA (Rs.bn) | 43.6 | 53.4 | 22% | 34.9 | 40.5 | 16% | 36.3 | 44.3 | 22% |
| Petchem | | | | | | | | | |
| Capacity Utilization | 90% | 90% | 0% | 95% | 95% | 0% | 100% | 100% | 0% |
| EBITDA/mt (USD) | -14.5 | 15.5 | NM | 61.2 | 53.9 | -12% | 72.7 | 56.4 | -22% |
| Adj. EBITDA (Rs.bn) | -0.9 | 0.9 | NM | 3.9 | 3.4 | -11% | 4.8 | 3.8 | -21% |
| LPG & LHC | | | | | | | | | |
| EBITDA/mt (USD) | 76.9 | 48.5 | -37% | 145.2 | 157.3 | 8% | 146.7 | 158.5 | 8% |
| Adj. EBITDA (Rs bn) | 6.3 | 4.0 | -36% | 11.9 | 13.0 | 10% | 12.0 | 13.2 | 9% |

Source: Company, Emkay Research

Exhibit 4: Change in estimates

| (Do hu) | | FY24E | | | FY25E | | | FY26E | |
|---------------|----------|---------|----------|----------|---------|----------|----------|---------|----------|
| (Rs bn) | Previous | Revised | Variance | Previous | Revised | Variance | Previous | Revised | Variance |
| Revenue | 1,427 | 1,294 | -9% | 1,410 | 1,301 | -8% | 1,505 | 1,389 | -8% |
| EBITDA | 120 | 130 | 8% | 125 | 131 | 5% | 133 | 141 | 6% |
| EBITDA Margin | 8.4% | 10.1% | 165bps | 8.9% | 10.1% | 123bps | 8.8% | 10.1% | 128bps |
| PAT | 82 | 92 | 12% | 84 | 88 | 6% | 90 | 95 | 6% |
| EPS (Rs) | 12.5 | 14.0 | 12% | 12.7 | 13.4 | 6% | 13.6 | 14.4 | 6% |

Source: Company, Emkay Research

Exhibit 5: SOTP-based valuation (Dec-24E)

| Components | Basis | Dec-25E EBITDA | Multiple(x) | EV E (Rs bn) | V/share (Rs) | Comments |
|-----------------------------------|-----------|-------------------|-------------|-----------------|-----------------|------------------------|
| Gas Transmission - Standalone | EV/EBITDA | 64 | 7.0 | 451 | 69 | |
| LPG Transmission - Standalone | EV/EBITDA | 4 | 7.0 | 26 | 4 | |
| Gas Marketing - Standalone | EV/EBITDA | 43 | 5.0 | 217 | 33 | |
| Petrochemicals - Standalone | EV/EBITDA | 4 | 5.5 | 20 | 3 | |
| LPG and LHC - Standalone | EV/EBITDA | 13 | 5.0 | 66 | 10 | |
| Others -Standalone | EV/EBITDA | 10 | 4.5 | 45 | 7 | |
| Core Business EV | | 138 | 6.0 | 825 | 125 | |
| Less: Adj. Net Debt (Dec-24E end) | | | | 154 | 23 | |
| Core Business Valuation | | | | 670 | 102 | |
| Value of Listed Investments | TP/CMP | | | 182 | 28 | At 30% Holdco Discount |
| Value of Unlisted Investments | BV | | | 102 | 16 | At 1.0x P/B |
| Target Price-Fair Value | | | | 954 | 145 | |

Source: Company, Emkay Research

Exhibit 6: Schedule and Value of Listed Investments

| Listed | Туре | Basis of Valuation | TP/CMP (Rs/sh) | Equity Value (Rs bn) | GAIL Stake | Pro-rata Value (Rs bn) | Holdco Discount | Contr. to SOTP (Rs bn) | Per Share Value (Rs) |
|---|------------|-----------------------|-------------------|----------------------------|---------------|------------------------------|--------------------|---------------------------------|-------------------------------|
| PLNG | JV | TP (Emkay) | 245 | 368 | 12.5% | 46 | 30% | 32 | 4.9 |
| IGL | JV | TP (Emkay) | 450 | 315 | 22.5% | 71 | 30% | 50 | 7.5 |
| MGL | JV | TP (Emkay) | 1,650 | 163 | 32.5% | 53 | 30% | 37 | 5.6 |
| ONGC | Financial | TP (Emkay) | 250 | 3,145 | 2.5% | 77 | 30% | 54 | 8.2 |
| China Gas Holding | Financial | CMP | 79 | 409 | 2.9% | 12 | 30% | 8 | 1.3 |
| Gujarat Industries Power Co. Ltd. (GIPCL) | Financial | CMP | 225 | 340 | 0.4% | 1 | 30% | 1 | 0.1 |
| Total Listed | | | | | | 260 | | 182 | 28 |
| Unlisted | | | | | | | | | |
| Unlisted CGDs | Subsidiary | BV | | | 100% | 104 | 30% | 73 | 11.1 |
| Brahmaputra Cracker Limited (BCPL) | Subsidiary | BV | | | 70% | 42 | 30% | 29 | 4.4 |
| Total Unlisted | | | | | | 146 | | 102 | 16 |
| Grand Total Investments | | | | | | 405 | | 284 | 43 |

Source: Company, Emkay Research

GAIL: Standalone Financials and Valuations

| Profit and Loss | | | | | |
|-----------------------------|---------|---------|-----------|-----------|-----------|
| Y/E March (Rs mn) | FY21 | FY22 | FY23 | FY24E | FY25E |
| Revenue | 567,302 | 916,265 | 1,442,497 | 1,294,038 | 1,300,570 |
| Revenue growth (%) | (21.1) | 61.5 | 57.4 | (10.3) | 0.5 |
| EBITDA | 64,451 | 138,290 | 68,789 | 130,150 | 131,470 |
| EBITDA growth (%) | (24.0) | 114.6 | (50.3) | 89.2 | 1.0 |
| Depreciation & Amortization | 19,079 | 21,112 | 24,881 | 29,640 | 33,441 |
| EBIT | 45,373 | 117,179 | 43,908 | 100,510 | 98,029 |
| EBIT growth (%) | (31.7) | 158.3 | (62.5) | 128.9 | (2.5) |
| Other operating income | 0 | 0 | 0 | 0 | 0 |
| Other income | 20,045 | 20,469 | 26,847 | 27,431 | 29,235 |
| Financial expense | 1,559 | 1,744 | 3,117 | 6,892 | 9,375 |
| PBT | 63,858 | 135,903 | 67,638 | 121,049 | 117,888 |
| Extraordinary items | 0 | 0 | (1,800) | 0 | 0 |
| Taxes | 14,956 | 32,263 | 12,823 | 29,052 | 29,708 |
| Minority interest | 0 | 0 | 0 | 0 | 0 |
| Income from JV/Associates | 0 | 0 | 0 | 0 | 0 |
| Reported PAT | 48,902 | 103,640 | 53,015 | 91,997 | 88,180 |
| PAT growth (%) | (26.1) | 111.9 | (48.8) | 73.5 | (4.1) |
| Adjusted PAT | 48,902 | 103,640 | 54,465 | 91,997 | 88,180 |
| Diluted EPS (Rs) | 11.0 | 23.3 | 8.3 | 14.0 | 13.4 |
| Diluted EPS growth (%) | (25.0) | 111.9 | (65.5) | 73.5 | (4.1) |
| DPS (Rs) | 5.0 | 10.0 | 4.0 | 6.3 | 6.0 |
| Dividend payout (%) | 45.8 | 42.8 | 49.6 | 45.0 | 45.0 |
| EBITDA margin (%) | 11.4 | 15.1 | 4.8 | 10.1 | 10.1 |
| EBIT margin (%) | 8.0 | 12.8 | 3.0 | 7.8 | 7.5 |
| Effective tax rate (%) | 23.4 | 23.7 | 16.8 | 24.0 | 25.2 |
| NOPLAT (pre-IndAS) | 34,746 | 89,361 | 36,525 | 76,388 | 73,325 |
| Shares outstanding (mn) | 4,440.4 | 4,440.4 | 6,575.1 | 6,575.1 | 6,575.1 |

Source: Company, Emkay Research

| Cash Flows | | | | | |
|------------------------------|----------|----------|----------|-----------|-----------|
| Y/E Mar (Rs mn) | FY21 | FY22 | FY23 | FY24E | FY25E |
| PBT | 63,858 | 135,903 | 67,638 | 121,049 | 117,888 |
| Others (non-cash items) | 10,414 | 13,795 | 8,352 | 9,101 | 13,581 |
| Taxes paid | (12,754) | (31,960) | (15,178) | (28,468) | (29,113) |
| Change in NWC | 22,210 | (30,198) | (30,932) | 313 | 668 |
| Operating cash flow | 83,728 | 87,540 | 28,080 | 101,995 | 103,025 |
| Capital expenditure | (49,767) | (59,184) | (73,416) | (105,195) | (105,938) |
| Acquisition of business | 0 | 0 | 0 | 0 | 0 |
| Interest & dividend income | 10,951 | 12,965 | 18,047 | 27,431 | 29,235 |
| Investing cash flow | (41,698) | (44,130) | (65,533) | (77,764) | (76,703) |
| Equity raised/(repaid) | (12,810) | 0 | (13,289) | 0 | 0 |
| Debt raised/(repaid) | 2,989 | 1,279 | 75,287 | 27,705 | 25,000 |
| Payment of lease liabilities | 0 | 0 | 0 | 0 | 0 |
| Interest paid | (3,199) | (3,194) | (5,804) | (6,892) | (9,375) |
| Dividend paid (incl tax) | (22,371) | (39,943) | (30,679) | (41,399) | (39,681) |
| Others | (1,060) | 5,678 | (4,892) | 0 | 0 |
| Financing cash flow | (36,451) | (36,179) | 20,623 | (20,586) | (24,056) |
| Net chg in Cash | 5,579 | 7,231 | (16,830) | 3,644 | 2,266 |
| OCF | 83,728 | 87,540 | 28,080 | 101,995 | 103,025 |
| Adj. OCF (w/o NWC chg.) | 61,518 | 117,738 | 59,012 | 101,681 | 102,357 |
| FCFF | 33,961 | 28,356 | (45,336) | (3,201) | (2,912) |
| FCFE | 43,354 | 39,576 | (30,406) | 17,338 | 16,947 |
| OCF/EBITDA (%) | 129.9 | 63.3 | 40.8 | 78.4 | 78.4 |
| FCFE/PAT (%) | 88.7 | 38.2 | (57.4) | 18.8 | 19.2 |
| FCFF/NOPLAT (%) | 97.7 | 31.7 | (124.1) | (4.2) | (4.0) |

Source: Company, Emkay Research

| Balance Sheet | | | | | |
|------------------------------|----------|---------|---------|---------|---------|
| Y/E Mar (Rs mn) | FY21 | FY22 | FY23 | FY24E | FY25E |
| Share capital | 44,404 | 44,404 | 65,751 | 65,751 | 65,751 |
| Reserves & Surplus | 421,708 | 511,464 | 490,786 | 541,384 | 589,884 |
| Net worth | 466,112 | 555,868 | 556,537 | 607,135 | 655,635 |
| Minority interests | 0 | 0 | 0 | 0 | 0 |
| Deferred tax liability (net) | 45,022 | 47,673 | 46,628 | 47,211 | 47,806 |
| Total debt | 67,317 | 76,558 | 157,295 | 185,000 | 210,000 |
| Total liabilities & equity | 578,450 | 680,098 | 760,460 | 839,347 | 913,441 |
| Net tangible fixed assets | 333,745 | 357,367 | 402,631 | 446,820 | 497,937 |
| Net intangible assets | 22,955 | 25,347 | 25,347 | 25,347 | 25,347 |
| Net ROU assets | 8,280 | 15,096 | 15,096 | 15,096 | 15,096 |
| Capital WIP | 119,034 | 130,713 | 136,625 | 137,991 | 139,371 |
| Goodwill | 0 | 0 | 0 | 0 | 0 |
| Investments [JV/Associates] | 4,685 | 0 | 0 | 0 | 0 |
| Cash & equivalents | 106,172 | 142,059 | 131,907 | 165,551 | 187,817 |
| Current assets (ex-cash) | 134,484 | 192,824 | 249,710 | 230,306 | 231,748 |
| Current Liab. & Prov. | 150,903 | 183,307 | 200,856 | 181,765 | 183,874 |
| NWC (ex-cash) | (16,420) | 9,517 | 48,855 | 48,541 | 47,873 |
| Total assets | 578,450 | 680,098 | 760,460 | 839,347 | 913,441 |
| Net debt | 49,013 | 55,708 | 153,276 | 177,336 | 200,070 |
| Capital employed | 578,450 | 680,098 | 760,460 | 839,347 | 913,441 |
| Invested capital | 348,560 | 407,327 | 491,928 | 535,804 | 586,253 |
| BVPS (Rs) | 105.0 | 125.2 | 84.6 | 92.3 | 99.7 |
| Net Debt/Equity (x) | 0.1 | 0.1 | 0.3 | 0.3 | 0.3 |
| Net Debt/EBITDA (x) | 0.8 | 0.4 | 2.2 | 1.4 | 1.5 |
| Interest coverage (x) | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 |
| RoCE (%) | 11.7 | 21.9 | 9.8 | 16.0 | 14.5 |

Source: Company, Emkay Research

| Valuations and Key Ratios | | | | | |
|---------------------------|------|------|-------|-------|-------|
| Y/E Mar | FY21 | FY22 | FY23 | FY24E | FY25E |
| P/E (x) | 15.6 | 7.4 | 20.7 | 12.3 | 12.8 |
| P/CE(x) | 11.2 | 6.1 | 14.2 | 9.3 | 9.3 |
| P/B (x) | 1.6 | 1.4 | 2.0 | 1.9 | 1.7 |
| EV/Sales (x) | 1.4 | 0.9 | 0.9 | 1.0 | 1.0 |
| EV/EBITDA (x) | 12.6 | 5.9 | 18.6 | 10.0 | 10.1 |
| EV/EBIT(x) | 17.9 | 7.0 | 29.2 | 13.0 | 13.6 |
| EV/IC (x) | 2.3 | 2.0 | 2.6 | 2.4 | 2.3 |
| FCFF yield (%) | 4.2 | 3.5 | (3.5) | (0.2) | (0.2) |
| FCFE yield (%) | 5.7 | 5.2 | (2.7) | 1.5 | 1.5 |
| Dividend yield (%) | 2.9 | 5.8 | 2.3 | 3.7 | 3.5 |
| DuPont-RoE split | | | | | |
| Net profit margin (%) | 8.6 | 11.3 | 3.8 | 7.1 | 6.8 |
| Total asset turnover (x) | 1.0 | 1.5 | 2.0 | 1.6 | 1.5 |
| Assets/Equity (x) | 1.2 | 1.2 | 1.3 | 1.4 | 1.4 |
| RoE (%) | 10.8 | 20.3 | 9.8 | 15.8 | 14.0 |
| DuPont-RoIC | | | | | |
| NOPLAT margin (%) | 6.1 | 9.8 | 2.5 | 5.9 | 5.6 |
| IC turnover (x) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| RoIC (%) | 9.9 | 23.6 | 8.1 | 14.9 | 13.1 |
| Operating metrics | | | | | |
| Core NWC days | 14.2 | 19.7 | 22.8 | 22.8 | 22.8 |
| Total NWC days | 14.2 | 19.7 | 22.8 | 22.8 | 22.8 |
| Fixed asset turnover | 1.3 | 1.9 | 2.6 | 2.1 | 1.9 |
| Opex-to-revenue (%) | 10.5 | 7.7 | 5.9 | 7.8 | 7.9 |

Source: Company, Emkay Research

RECOMMENDATION HISTORY - DETAILS

| Date | Closing Price (INR) | TP (INR) | Rating | Analyst |
|-----------|------------------------|----------|--------|----------------|
| 30-Nov-23 | 132 | 125 | Reduce | Sabri Hazarika |
| 01-Nov-23 | 118 | 125 | Hold | Sabri Hazarika |
| 01-Aug-23 | 120 | 115 | Hold | Sabri Hazarika |
| 20-May-23 | 105 | 115 | Hold | Sabri Hazarika |
| 30-Mar-23 | 106 | 115 | Hold | Sabri Hazarika |
| 23-Mar-23 | 105 | 115 | Hold | Sabri Hazarika |
| 31-Jan-23 | 92 | 115 | Buy | Sabri Hazarika |
| 01-Dec-22 | 90 | 110 | Buy | Sabri Hazarika |
| 22-Nov-22 | 88 | 110 | Buy | Sabri Hazarika |
| 04-Nov-22 | 85 | 110 | Buy | Sabri Hazarika |
| 02-Oct-22 | 84 | 120 | Buy | Sabri Hazarika |
| 05-Aug-22 | 85 | 120 | Buy | Sabri Hazarika |
| 31-May-22 | 94 | 127 | Buy | Sabri Hazarika |
| 09-Mar-22 | 95 | 140 | Buy | Sabri Hazarika |
| 04-Feb-22 | 90 | 133 | Buy | Sabri Hazarika |
| 23-Nov-21 | 83 | 133 | Buy | Sabri Hazarika |
| 30-Oct-21 | 89 | 133 | Buy | Sabri Hazarika |
| 06-Aug-21 | 89 | 133 | Buy | Sabri Hazarika |
| 26-Jul-21 | 85 | 127 | Buy | Sabri Hazarika |
| 23-Jun-21 | 92 | 127 | Buy | Sabri Hazarika |
| 11-Jun-21 | 98 | 127 | Buy | Sabri Hazarika |
| 29-May-21 | 92 | 107 | Buy | Sabri Hazarika |
| 23-Apr-21 | 77 | 107 | Buy | Sabri Hazarika |
| 22-Mar-21 | 82 | 107 | Buy | Sabri Hazarika |
| 18-Feb-21 | 84 | 107 | Buy | Sabri Hazarika |
| 11-Feb-21 | 80 | 107 | Buy | Sabri Hazarika |

Source: Company, Emkay Research

RECOMMENDATION HISTORY - TREND



Source: Bloomberg, Company, Emkay Research

GENERAL DISCLOSURE/DISCLAIMER BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Emkay Global Financial Services Limited (CIN-L67120MH1995PLC084899) and its affiliates are a full-service, brokerage, investment banking, investment management and financing group. Emkay Global Financial Services Limited (EGFSL) along with its affiliates are participants in virtually all securities trading markets in India. EGFSL was established in 1995 and is one of India's leading brokerage and distribution house. EGFSL is a corporate trading member of BSE Limited (BSE), National Stock Exchange of India Limited (NSE), MCX Stock Exchange Limited (MCX-SX), Multi Commodity Exchange of India Ltd (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) (hereinafter referred to be as "Stock Exchange(s)"). EGFSL along with its [affiliates] offers the most comprehensive avenues for investments and is engaged in the businesses including stock broking (Institutional and retail), merchant banking, commodity broking, depository participant, portfolio management and services rendered in connection with distribution of primary market issues and financial products like mutual funds, fixed deposits. Details of associates are available on our website i.e. www.emkayglobal.com.

EGFSL is registered as Research Analyst with the Securities and Exchange Board of India ("SEBI") bearing registration Number INH000000354 as per SEBI (Research Analysts) Regulations, 2014, EGFSL hereby declares that it has not defaulted with any Stock Exchange nor its activities were suspended by any Stock Exchange with whom it is registered in last five years. However, SEBI and Stock Exchanges had conducted their routine inspection and based on their observations have issued advice letters or levied minor penalty on EGFSL for certain operational deviations in ordinary/routine course of business. EGFSL has not been debarred from doing business by any Stock Exchange / SEBI or any other authorities; nor has its certificate of registration been cancelled by SEBI at any point of time.

EGFSL offers research services to its existing clients as well as prospects. The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

This report is based on information obtained from public sources and sources believed to be reliable, but no independent verification has been made nor is its accuracy or completeness guaranteed. This report and information herein is solely for informational purpose and shall not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Though disseminated to all the clients simultaneously, not all clients may receive this report at the same time. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient.

EGFSL and/or its affiliates may seek investment banking or other business from the company or companies that are the subject of this material. EGFSL may have issued or may issue other reports (on technical or fundamental analysis basis) of the same subject company that are inconsistent with and reach different conclusion from the information, recommendations or information presented in this report or are contrary to those contained in this report. Users of this report may visit www.emkayglobal.com to view all Research Reports of EGFSL. The views and opinions expressed in this document may or may not match or may be contrary with the views, estimates, rating, and target price of the research published by any other analyst or by associate entities of EGFSL; our proprietary trading, investment businesses or other associate entities may make investment decisions that are inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest including but not limited to those stated herein. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein. All material presented in this report, unless specifically indicated otherwise, is under copyright to Emkay. None of the material, nor its content, nor any copy of it, may be altered in any way, transmitted to, copied or distributed to any other party, without the prior express written permission of EGFSL. All trademarks, service marks and logos used in this report are trademarks or registered trademarks of EGFSL or its affiliates. The information contained herein is not intended for publication or distribution or circulation in any manner whatsoever and any unauthorized reading, dissemination, distribution or copying of this communication is prohibited unless otherwise expressly authorized. Please ensure that you have read "Risk Disclosure Document for Capital Market and Derivatives Segments" as prescribed by Securities and Exchange Board of India before investing in Indian Securities Market. In so far as this report includes current or historic information, it is believed to be reliable, although its accuracy and completeness cannot be guaranteed.

This report has not been reviewed or authorized by any regulatory authority. There is no planned schedule or frequency for updating research report relating to any issuer/subject company.

Please contact the primary analyst for valuation methodologies and assumptions associated with the covered companies or price targets.

Disclaimer for U.S. persons only: Research report is a product of Emkay Global Financial Services Ltd., under Marco Polo Securities 15a6 chaperone service, which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of Financial Institutions Regulatory Authority (FINRA) or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account.

This report is intended for distribution to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor. In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors. Emkay Global Financial Services Ltd. has entered into a chaperoning agreement with a U.S. registered broker-dealer, Marco Polo Securities Inc. ("Marco Polo"). Transactions in securities discussed in this research report should be effected through Marco Polo or another U.S. registered broker dealer.

RESTRICTIONS ON DISTRIBUTION

This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation. Except otherwise restricted by laws or regulations, this report is intended only for qualified, professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions. Specifically, this document does not constitute an offer to or solicitation to any U.S. person for the purchase or sale of any financial instrument or as an official confirmation of any transaction to any U.S. person. Unless otherwise stated, this message should not be construed as official confirmation of any transaction. No part of this document may be distributed in Canada or used by private customers in United Kingdom.

ANALYST CERTIFICATION BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL)

The research analyst(s) primarily responsible for the content of this research report, in part or in whole, certifies that the views about the companies and their securities expressed in this report accurately reflect his/her personal views. The analyst(s) also certifies that no part of his/her compensation was, is, or will be, directly or indirectly, related to specific recommendations or views expressed in the report. The research analyst (s) primarily responsible of the content of this research report, in part or in whole, certifies that he or his associated persons1 may have served as an officer, director or employee of the issuer or the new listing applicant (which includes in the case of a real estate investment trust, an officer of the management company of the real estate investment trust; and in the case of any other entity, an officer or its equivalent counterparty of the entity who is responsible for the management of the issuer or the new listing applicant). The research analyst(s) primarily responsible for the content of this research report or his associate may have Financial Interests 2 in relation to an issuer or a new listing applicant that the analyst reviews. EGFSL has procedures in place to eliminate, avoid and manage any potential conflicts of interests that may arise in connection with the production of research reports. The research analyst(s) responsible for this report operates as part of a separate and independent team to the investment banking function of the EGFSL and procedures are in place to ensure that confidential information held by either the research or investment banking function is handled appropriately. There is no direct link of EGFSL compensation to any specific investment banking function of the EGFSL.

¹ An associated person is defined as (i) who reports directly or indirectly to such a research analyst in connection with the preparation of the reports; or (ii) another person accustomed or obliged to act in accordance with the directions or instructions of the analyst.

² Financial Interest is defined as interest that are commonly known financial interest, such as investment in the securities in respect of an issuer or a new listing applicant, or financial accommodation arrangement between the issuer or the new listing applicant and the firm or analysis. This term does not include commercial lending conducted at the arm's length, or investments in any collective investment scheme other than an issuer or new listing applicant notwithstanding the fact that the scheme has investments in securities in respect of an issuer or a new listing applicant.

COMPANY-SPECIFIC / REGULATORY DISCLOSURES BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) covered in this report-:

- EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her associate/relative's may have Financial Interest/proprietary positions in the securities recommended in this report as of January 30, 2024
- EGFSL, and/or Research Analyst does not market make in equity securities of the issuer(s) or company(ies) mentioned in this Report 2. Disclosure of previous investment recommendation produced:
- EGFSL may have published other investment recommendations in respect of the same securities / instruments recommended in this research report 3 during the preceding 12 months. Please contact the primary analyst listed in the first page of this report to view previous investment recommendations published by EGFSL in the preceding 12 months.
- EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's may have material conflict of interest in the securities 4. recommended in this report as of January 30, 2024
- EGFSL, its affiliates and Research Analyst or his/her associate/relative's may have actual/beneficial ownership of 1% or more securities of the 5. subject company at the end of the month immediately preceding the January 30, 2024
- EGFSL or its associates may have managed or co-managed public offering of securities for the subject company in the past twelve months.
- EGFSL, its affiliates and Research Analyst or his/her associate may have received compensation in whatever form including compensation for investment banking or merchant banking or brokerage services or for products or services other than investment banking or merchant banking or brokerage services from securities recommended in this report (subject company) in the past 12 months.
- EGFSL, its affiliates and/or and Research Analyst or his/her associate may have received any compensation or other benefits from the subject company or third party in connection with this research report.

Emkay Rating Distribution

| Ratings | Expected Return within the next 12-18 months. |
|---------|---|
| BUY | >15% upside |
| ADD | 5-15% upside |
| REDUCE | 5% upside to 15% downside |
| SELL | <15% downside |

Emkay Global Financial Services Ltd.

CIN - L67120MH1995PLC084899

7th Floor, The Ruby, Senapati Bapat Marg, Dadar - West, Mumbai - 400028. India Tel: +91 22 66121212 Fax: +91 22 66121299 Web: www.emkayglobal.com

OTHER DISCLAIMERS AND DISCLOSURES:

Other disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) -:

EGFSL or its associates may have financial interest in the subject company.

Research Analyst or his/her associate/relative's may have financial interest in the subject company.

EGFSL or its associates and Research Analyst or his/her associate/ relative's may have material conflict of interest in the subject company. The research Analyst or research entity (EGFSL) have not been engaged in market making activity for the subject company.

EGFSL or its associates may have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of public appearance or publication of Research Report.

Research Analyst or his/her associate/relatives may have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of public appearance or publication of Research Report.

Research Analyst may have served as an officer, director or employee of the subject company.

EGFSL or its affiliates may have received any compensation including for investment banking or merchant banking or brokerage services from the subject company in the past 12 months. . Emkay may have issued or may issue other reports that are inconsistent with and reach different conclusion from the information, recommendations or information presented in this report or are contrary to those contained in this report. Emkay Investors may visit www.emkayglobal.com to view all Research Reports. The views and opinions expressed in this document may or may not match or may be contrary with the views, estimates, rating, and target price of the research published by any other analyst or by associate entities of Emkay; our proprietary trading, investment businesses or other associate entities may make investment decisions that are inconsistent with the recommendations expressed herein. EGFSL or its associates may have received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past 12 months. EGFSL or its associates may have received any compensation or other benefits from the Subject Company or third party in connection with the research report. EGFSL or its associates may have received compensation from the subject company in the past twelve months. Subject Company may have been client of EGFSL or its affiliates during twelve months preceding the date of distribution of the research report and EGFSL or its affiliates may have co-managed public offering of securities for the subject company in the past twelve months.