

# Ambuja Cements

**BSE SENSEX** 81,445  
**S&P CNX** 24,812

**CMP: INR545** **TP: INR630 (+16%)** **Buy**

## Acquisition-led growth; efficiency push yet to materialize

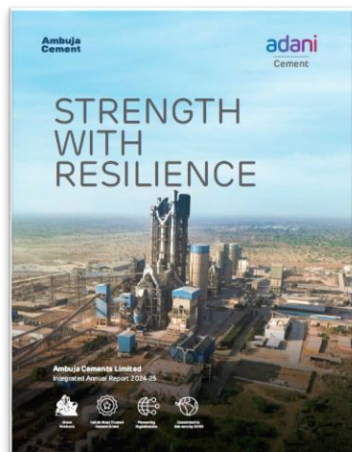
The key highlights of ACEM's FY25 annual report: 1) the company's consolidated cement capacity has risen to 100.3mtpa currently from 76.9mtpa in FY24-end, primarily led by inorganic growth. However, most of the company's organic grinding unit expansions are witnessing delays of around 6-12 months from the scheduled timeline; 2) various cost-saving measures, including group synergy initiatives, are currently underway but have yet to yield meaningful results; 3) it reported a sharp increase in related-party transactions, aimed at improving process efficiency and leveraging group synergies; and 4) projecting cement demand growth of ~7-8% YoY in FY26, led by strong demand from infrastructure, housing and commercial sectors.

## Aggressive on M&A; organic growth yet to catch up

- The company's consolidated cement capacity has increased from 76.9mtpa as of Mar'24 to 100.3mtpa, including the acquisition of Orient Cement, brownfield expansion at Farakka, West Bengal, and a small capacity addition through debottlenecking in Apr'25.
- Under the new management, ACEM has been focusing on capacity expansion through strategic acquisitions, including Sanghi Industries (6.0mtpa), Penna Cement (10.0mtpa), and Orient Cement (8.5mtpa). In contrast, the progress on organic expansions has been slower, with construction going on at 12 sites and commissioning expected in FY26E. The board has also approved 21mtpa of additional grinding capacity, slated for FY27-28, as part of its plan to increase the capacity to 140mtpa.
- ACEM's consolidated sales volumes grew ~10% YoY to 65.2mt, aided by incremental growth from inorganic expansions. However, standalone cement production increased ~3% YoY. The company's cement capacity utilization (consolidated) stood at ~78% in FY25 vs. ~82% in FY24.

## Cost reduction drive underway; yet to deliver results

- ACEM has undertaken a series of cost-reduction initiatives to improve efficiency and profitability. These include long-term sourcing agreements for key raw materials like fly-ash, with nearly 40% of fly-ash now secured through such arrangements. It has increased the use of fly-ash sourced from group companies across its manufacturing plants to optimize the cost. It has significantly increased its limestone reserves to ~9.0b tons, ensuring a stable supply of a key raw material.
- A significant push is being made toward green energy, with investments of INR100b planned in WHRS, solar, and wind projects. Green power capacity has increased notably in FY25, and the company aims to raise the green power share to ~60% by FY28, which could reduce power costs by INR90/t. Efforts are also underway to improve energy efficiency and increase the use of alternative fuels, with ambitious targets for lowering both thermal and electrical energy consumption by FY30.



### Stock Info

Bloomberg	ACEM IN
Equity Shares (m)	2463
M.Cap.(INRb)/(USDb)	1342.5 / 15.5
52-Week Range (INR)	707 / 453
1, 6, 12 Rel. Per (%)	-2/-6/-24
12M Avg Val (INR M)	1768
Free float (%)	32.5

### Financials Snapshot (INR b)

Y/E Mar	FY25	FY26E	FY27E
Sales	340.8	414.4	468.5
EBITDA	50.1	67.9	91.0
Adj. PAT	19.6	25.3	34.7
EBITDA Margin (%)	14.7	16.4	19.4
Adj. EPS (INR)	8.0	10.3	14.1
EPS Gr. (%)	-42.6	29.0	37.1
BV/Sh. (INR)	217	223	231

### Ratios

Net D:E	-0.1	-0.0	-0.0
RoE (%)	4.1	4.7	6.2
RoCE (%)	4.7	5.3	7.4
Payout (%)	11.8	48.6	42.6

### Valuations

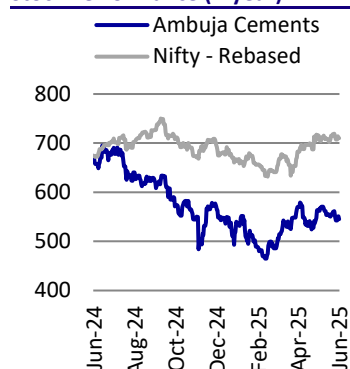
P/E (x)	59.4	46.1	33.6
P/BV (x)	2.2	2.1	2.1
EV/EBITDA(x)	26.5	21.1	15.8
EV/ton (USD)	170	145	138
Div. Yield (%)	0.4	0.9	1.1
FCF Yield (%)	-4.7	-0.3	2.5

### Shareholding pattern (%)

As On	Mar-25	Dec-24	Mar-24
Promoter	67.5	67.5	66.7
DII	17.3	16.6	14.5
FII	8.7	9.2	11.2
Others	6.5	6.7	7.7

FII includes depository receipts

### Stock Performance (1-year)



- Logistics efficiency is another key area of focus, with a significant shift toward sea transport, optimized depot networks, and investments in specialized rakes for bulk cement transport. It operates 14 sea vessels and plans to expand its marine fleet and terminal infrastructure to further reduce freight costs. In FY25, the company's total opex/t (consolidated) inched down ~1% YoY (INR60/t) to INR4,460/t, mainly due to a reduction in power & fuel costs and freight costs. ACEM is targeting to reduce opex/t to INR3,650/t by FY28.

### Related-party transactions rise on leveraging group synergies

- ACEM strategically established MSA with its subsidiaries to realize economies of scale, improve operational and logistics cost efficiency, optimize fuel and resource usage and sourcing, integrate its supply chain, reinforce competitive edge, and expand market reach. These agreements are in place with ACC, Sanghi Industries (SIL), Asian Fine Cement, Penna Cement, Orient Cement and Adani Cement Industries.
- ACEM is leveraging synergies of the group to substantially increase transactions with group companies. The value of goods/services purchased from other related parties stood at INR49.2b in FY25 vs. INR14.7b in FY24 (average INR9.2b over CY18-FY23). After a sharp increase in the purchase of goods/services from other related parties, the amount outstanding from other related parties also surged to INR9.4b from INR1.8b in FY24 (average INR1.4b over CY18-FY23).
- In FY23, ACEM made an advance payment of INR9.25b to Mundra Petrochem (MPL) for exclusive long-term raw material/fuel supply rights for its Mundra cement plant, initially expected to be commissioned in FY26. Currently, the advances stand at the same level and the cement plant is now expected to be commissioned by FY27-28, based on the progress of polyvinyl chloride unit of MPL.

### View and valuation

- ACEM has reiterated its capacity target of 140mtpa and EBITDA/t target of INR1,500 by FY28. Until now, capacity growth was largely driven by the inorganic route. However, the expansion will be largely organic in FY26, with multiple projects progressing across various locations. The company is also expected to prioritize the integration of acquired assets. Profitability improvement will be driven by ongoing cost-saving measures and a rising share of premium products.
- We estimate a CAGR of ~17%/35%/33% in consolidated revenue/EBITDA/PAT over FY25-27, albeit on a low base. We estimate EBITDA/t to increase to INR906/INR1096 in FY26/FY27 from INR768 in FY25. ACEM (consol.) trades at 21x/16x FY26/FY27E EV/EBITDA and USD147/USD140 EV/t. We maintain our BUY rating with a TP of INR630 (valuing the stock at 18x FY27E EV/EBITDA).

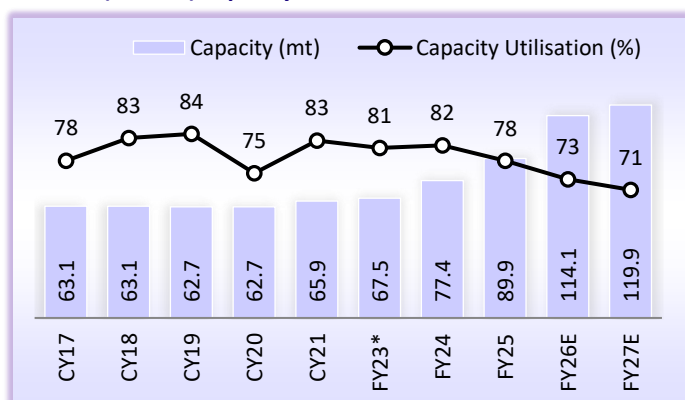
## STORY IN CHARTS

### ACEM's (consolidated) organic expansion plan (including expansion ongoing in new acquisitions)

Location	Capacity		Expected completion timeline	
	Clinker	Cement	Old	New
Farakka (GU)		4.6	3QFY25	1QFY26 (2.4mtpa commissioned)
Bhatapara Line 3	4.0	0.0	2QFY26	1QFY26
Sankrail (GU)		2.4	3QFY25	1QFY26
Sindri (GU)		1.6	2QFY25	1QFY26
Salai Banwa (GU)		2.4	1QFY26	2QFY26
Krishnapatnam Penna (GU)		2.0	NA*	2QFY26
Bathinda (GU)		1.2	3QFY25	3QFY26
Marwar (GU)		2.4	4QFY25	3QFY26
Dahej Line-2 (GU)		1.2	NA*	3QFY26
Jodhpur (Penna IU)	3.0	2.0	NA*	3QFY26
Warisaliganj (GU)		2.4	NA*	4QFY26
Maratha Line 2 (CU)	4.0		4QFY26	4QFY26
Mundra (GU)		4.6	2QFY26 (Line I) 3QFY26 (Line II)	FY27-28

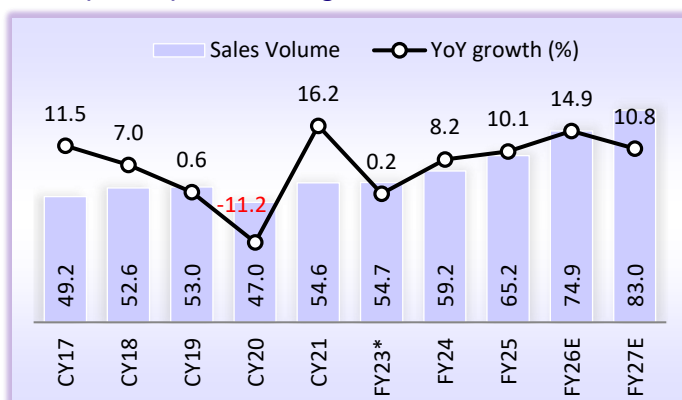
Source: Company, MOFSL; NA indicated \*new announcements

### ACEM's (consol.) capacity and utilization trends



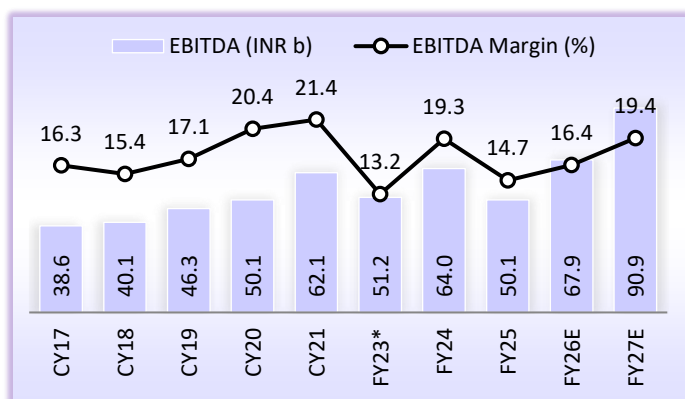
Source: MOFSL, Company; Note: FY23\* volume annualized for like to like comparison;

### ACEM (consol.) volume and growth



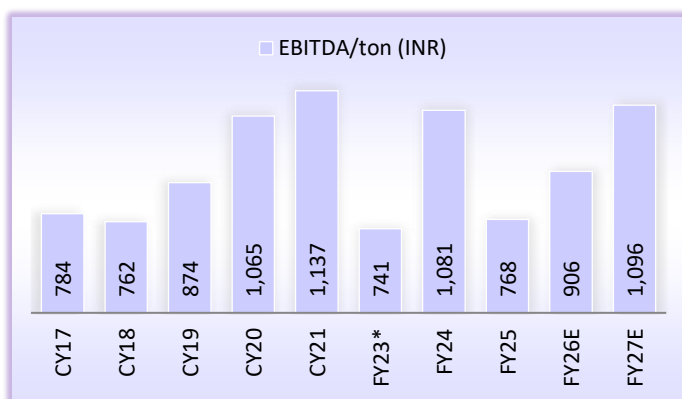
Source: MOFSL, Company; Note: FY23\* volume annualized for like to like comparison

### Consol. EBITDA and EBITDA margin



Source: MOFSL, Company; Note: FY23 was a 15M period

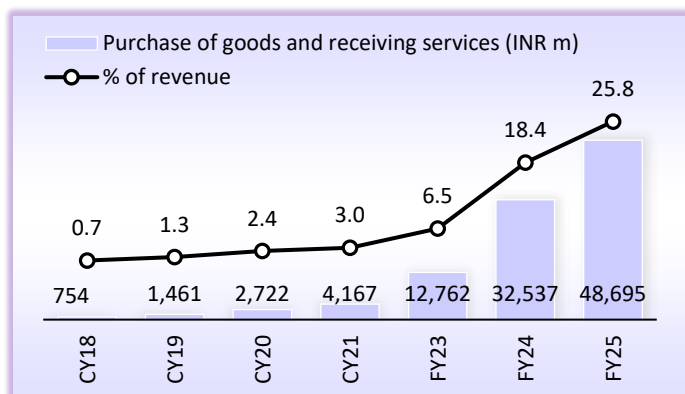
### EBITDA/t declined in FY25 due to lower realization



Source: MOFSL, Company; Note: FY23 was a 15M period

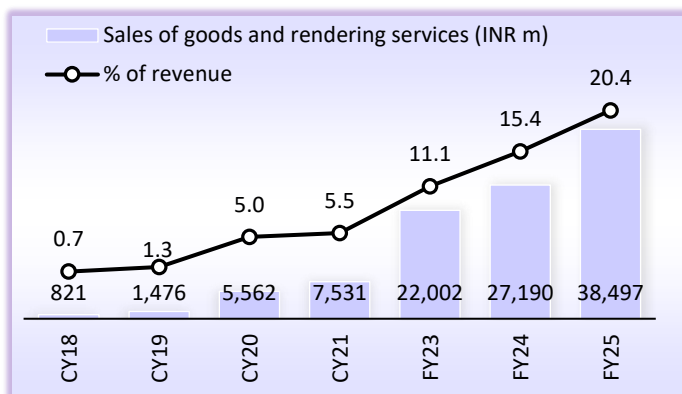
# STORY IN CHARTS

## Goods/services purchased from subsidiaries



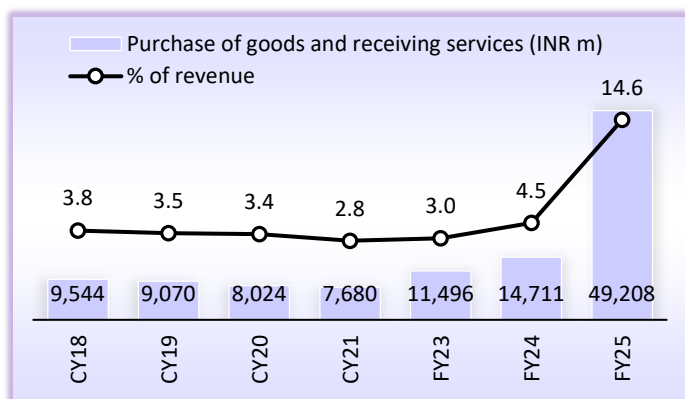
Source: Company, MOFSL; Note: Standalone

## Goods/services sold to subsidiaries



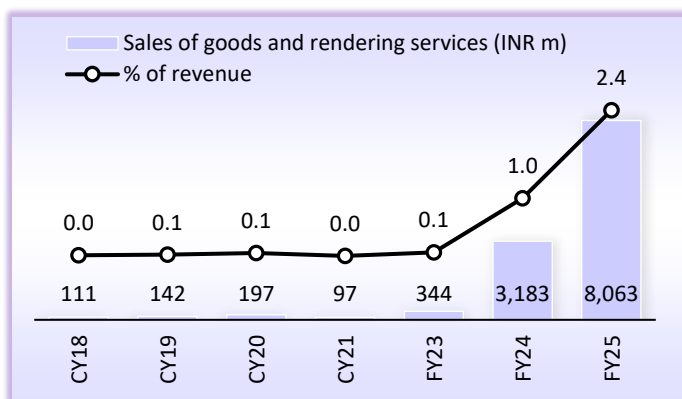
Source: Company, MOFSL; Note: Standalone

## Goods/services purchase from other related parties



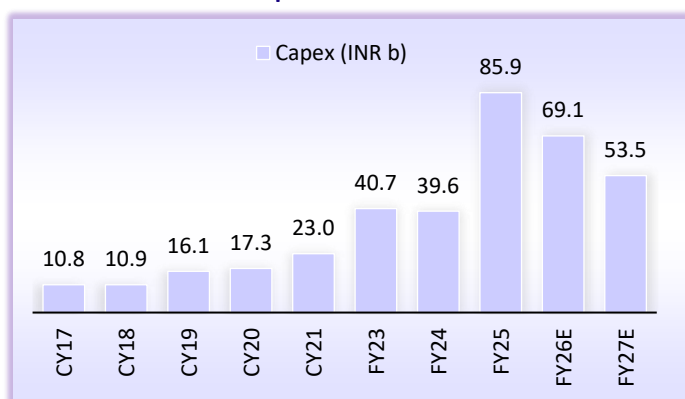
Source: Company, MOFSL; Note: Consolidated

## Goods/services sold to other related parties



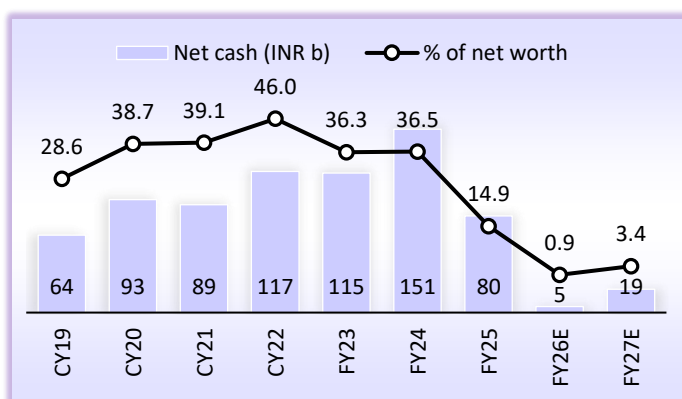
Source: Company, MOFSL; Note: Consolidated

## ACEM's consolidated capex



Source: Company, MOFSL; Note: Consolidated

## ACEM's consolidated net cash balance declined



Source: Company, MOFSL; Note: Consolidated

## Aggressive on M&A; organic growth yet to catch up

- Under its new management, ACEM has primarily expanded its capacity through a series of strategic M&A. Key acquisitions include Sanghi Industries (6.0mtpa), Penna Cement (10.0mtpa), and Orient Cement (8.5mtpa). Meanwhile, its organic expansion pipeline is progressing at a slower pace. Construction is underway at 12 sites, with the commissioning expected in FY26. Additionally, the board has approved 21mtpa of new grinding capacity (details yet to be disclosed), which is targeted for commissioning over FY27-28, aligning with its ambitious capacity target of 140mtpa.
- The company's consolidated cement capacity has increased from 76.9mtpa as of Mar'24 to 100.3mtpa now, including the acquisition of Orient Cement, brownfield expansion at Farakka, West Bengal, and a small capacity addition through debottlenecking in Apr'25.
- In Exhibit 1, we highlighted the company's organic cement capacity (GU) expansions that are witnessing delays of around 6-12 months from their previous expected date of completion.

**Exhibit 1: ACEM's (consolidated) organic expansion plan (including expansion ongoing in new acquisitions)**

Location	Capacity		Expected completion timeline	
	Clinker	Cement	Old	New
Farakka (GU)		4.6	3QFY25	1QFY26 (2.4mtpa commissioned)
Bhatapara Line 3	4.0	0.0	2QFY26	1QFY26
Sankrail (GU)		2.4	3QFY25	1QFY26
Sindri (GU)		1.6	2QFY25	1QFY26
Salai Banwa (GU)		2.4	1QFY26	2QFY26
Krishnapatnam Penna (GU)		2.0	NA*	2QFY26
Bathinda (GU)		1.2	3QFY25	3QFY26
Marwar (GU)		2.4	4QFY25	3QFY26
Dahej Line-2 (GU)		1.2	NA*	3QFY26
Jodhpur (Penna IU)	3.0	2.0	NA*	3QFY26
Warisaliganj (GU)		2.4	NA*	4QFY26
Maratha Line 2 (CU)	4.0		4QFY26	4QFY26
Mundra (GU)		4.6	2QFY26 (Line I) 3QFY26 (Line II)	FY27-28

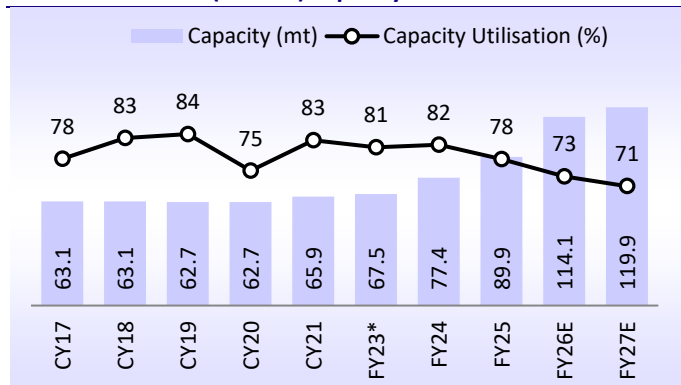
Source: Company, MOFSL; NA indicated \*new announcements

### ACEM's consolidated sales volume grew ~10% YoY in FY25

- In FY25, industry's cement capacity grew ~8% YoY (added 43-45mtpa capacity) to ~596mtpa, while cement demand grew by ~4-5% to 440-444mt. 1H FY25 witnessed subdued demand growth of ~2% YoY, impacted by the Lok Sabha elections and an intense heatwave, which slowed down construction activities. However, the second half saw a notable recovery, supported by increased government infrastructure spending and a pickup in housing and construction activity post-monsoon.
- ACEM's consolidated sales volumes grew ~10% YoY to 65.2mt, aided by incremental growth from inorganic expansions. However, standalone cement production increased ~3% YoY. The company's cement capacity utilization (consolidated) stood at ~78% in FY25 vs. ~82% in FY24.

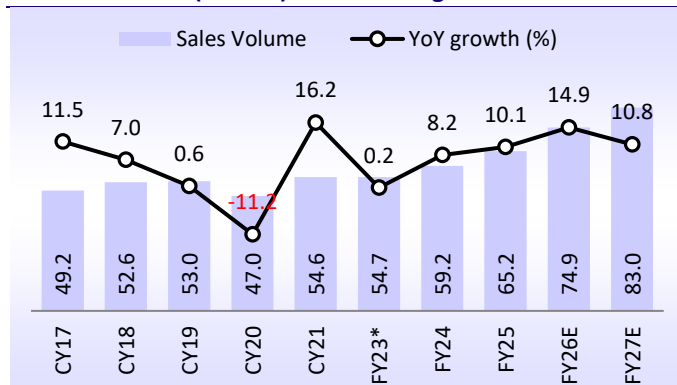
- **Outlook:** India's economy is expected to grow moderately by ~6.5% in FY26. This growth is likely to be driven by 1) strong domestic demand, 2) rise in urban and private consumption, 3) healthy agricultural output, 4) continued infrastructure development, and 5) implementation of key structural reforms. Nonetheless, external challenges such as trade restrictions and rising geopolitical tensions may pose risks to the broader economic outlook. Cement demand is estimated to grow ~7-8% YoY in FY26, led by strong demand from infrastructure, housing and commercial sectors.

**Exhibit 2: ACEM's (consol.) capacity and utilization trends**



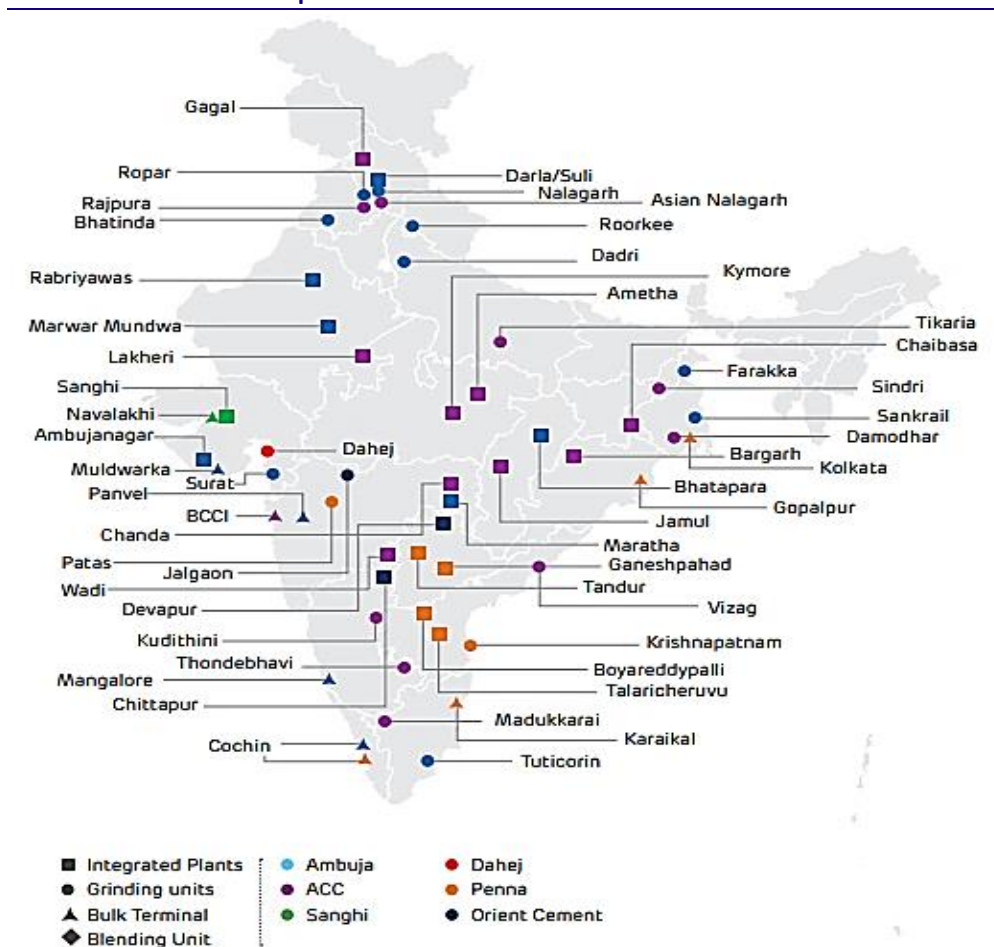
Source: MOFSL, Company; Note: FY23\* volume annualized for like to like comparison;

**Exhibit 3: ACEM (consol.) volume and growth**



Source: MOFSL, Company; Note: FY23\* volume annualized for like to like comparison

**Exhibit 4: Adani Cements' presence**



Source: Company, MOFSL



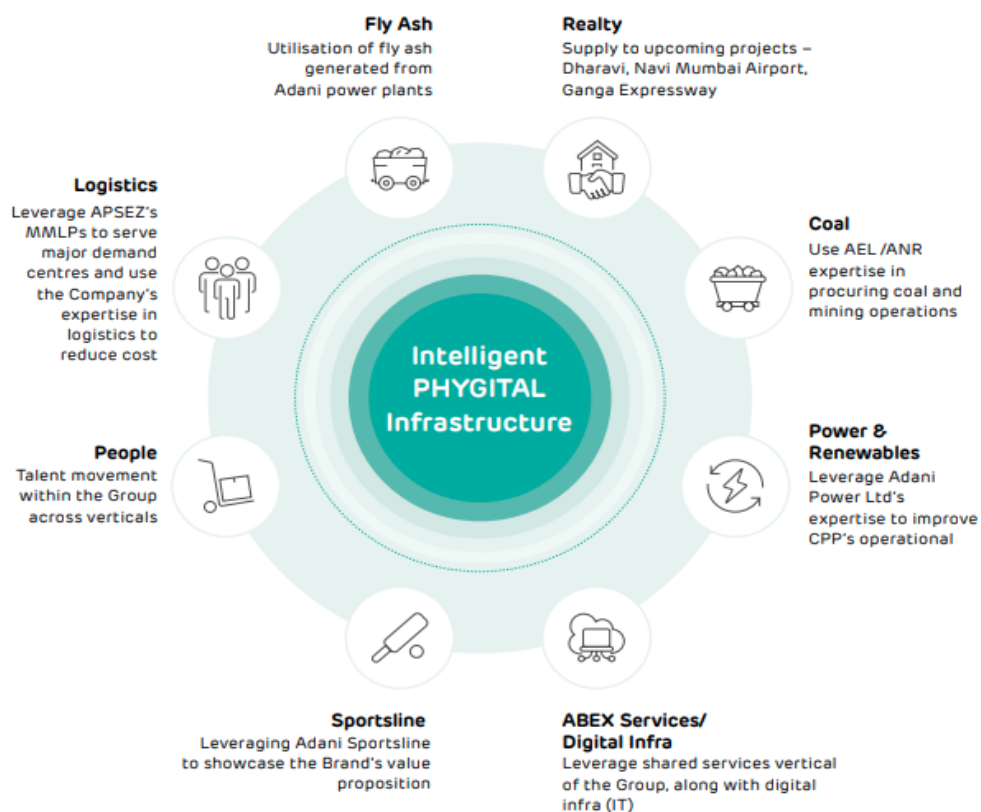
## Cost reduction drive underway; yet to deliver results

**Opex/t (consolidated) declined marginally ~1% YoY to INR4,460/t in FY25**

ACEM has implemented various cost-reduction measures to drive efficiency and improve profitability. Key initiatives and progress are highlighted below:

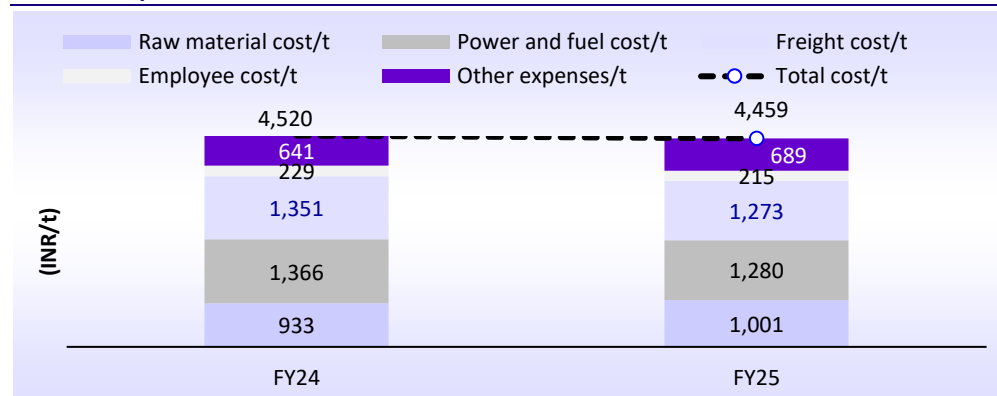
- It has entered into long-term agreements for key **raw materials** (~40% of fly-ash under long-term arrangements), which improves raw material security and reduces raw material costs. It has increased the use of fly-ash sourced from group companies across its manufacturing plants to optimize the cost. It has significantly increased its limestone reserves to ~9.0b tons, ensuring a stable supply of a key raw material.
- ACEM is aggressively increasing its green power capacity (WHRS + solar + wind) to reduce **power and fuel** costs. The company has committed an investment of INR100b in green power projects. The company's WHRS/solar & Wind capacity increased to 218MW/299MW in FY25 (vs. 53MW/85MW in FY23). It targets to grow its WHRS/solar & wind capacity to 376MW/1GW by FY28. It aims to increase its green power share to ~60% by FY28 vs. ~21% in FY25. ACEM expects investments in green power will help to reduce power costs by INR90/t by FY28.
- ACEM is ramping up the use of alternative fuels through five pre-processing and six co-processing facilities. It is targeting to increase the thermal substitution rate (TSR) to ~23% by FY30 vs. ~9% in FY25. It is targeting to reduce specific thermal energy consumption to 710 kcal/kg of clinker by FY30 vs. 757kcal/kg in FY25 and specific electrical energy consumption to 63kwh/t of cement by FY30 vs. 76 kWh/t in FY25.
- It has implemented several initiatives to reduce **freight costs**, including shifting a significant portion of freight to seaborne transport (targeting 10% sea transport by FY28), optimizing depot locations (targeted 100km lead distance reduction), and leveraging general purpose wagon inward system (added 11 GPWIS raked to stabilize clinker supply) and bulk cement freight consortium (26 BCFC rakes ordered and 6 have been inducted) to reduce overall freight costs. It has achieved ~6% reduction in freight costs (to date) and aims for a further ~15% reduction by FY30.
- The company has a fleet size of 14 dedicated sea vessels, which enable the company to dispatch 3mt of cement annually, significantly reducing carbon emissions while operating across 11 strategically located terminals. Strong M&A activity has expanded the company's bulk cement terminals (BCTs) to 11, boosting its coastal presence. The company plans to add 10 more sea vessels to transport cement and clinker to all 11 terminals efficiently and sustainably. It believes that marine logistics is ~30%/60% cheaper than rail/road freight.
- Notably, ~65% of its total costs are backed by synergies with Adani Group companies across sectors (power, coal and port) where the group holds leadership positions. These integrated synergies are expected to play a pivotal role in supporting ACEM's cost-reduction strategy and strengthening its long-term competitiveness.
- In FY25, the company's opex/t (consolidated) declined ~1% YoY (INR60/t) to INR4,460/t, led by a reduction in power & fuel costs and freight costs. ACEM is targeting to reduce opex/t to INR3,650/t by FY28.

**Exhibit 5: Potential benefits of Adani Group synergies**



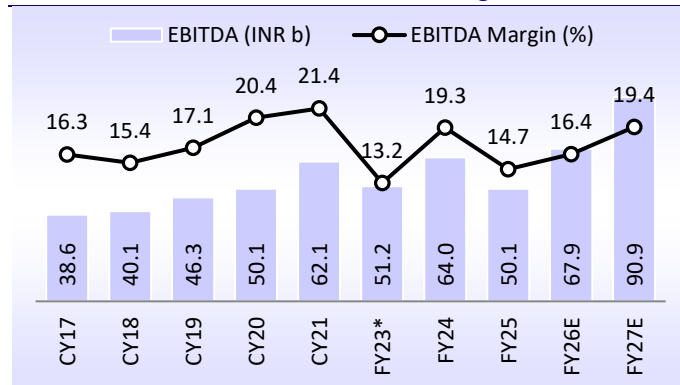
Source: Company, MOFSL

**Exhibit 6: Opex/t declined ~1% YoY in FY25**



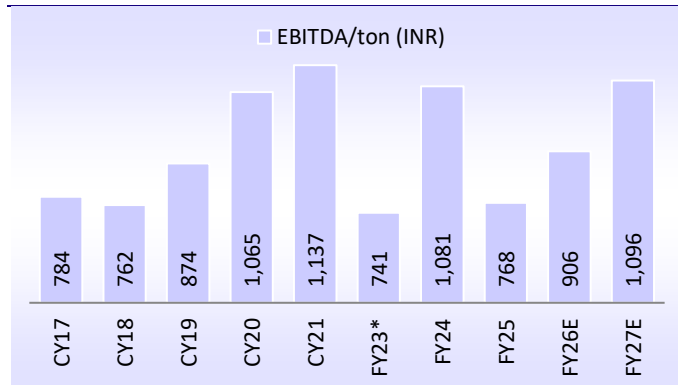
Source: Company, MOFSL

**Exhibit 7: Consol. EBITDA and EBITDA margin**



Source: MOFSL, Company; Note: FY23 was a 15M period

**Exhibit 8: EBITDA/t declined due to lower realization**



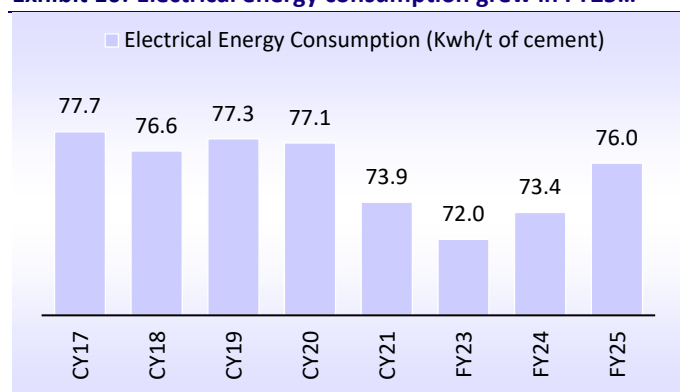
Source: MOFSL, Company; Note: FY23 was a 15M period



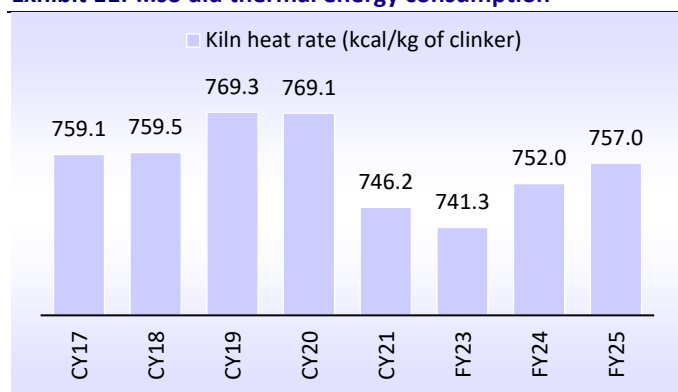
**Exhibit 9: Common-size analysis (consolidated)**

Particulars (INR m)	CY20	%	CY21	%	FY23*	%	FY24	%	FY25	%
<b>Net Revenue (Operations)</b>	<b>2,45,162</b>	<b>100.0</b>	<b>2,89,655</b>	<b>100.0</b>	<b>3,89,370</b>	<b>100.0</b>	<b>3,31,596</b>	<b>100.0</b>	<b>3,40,804</b>	<b>100.0</b>
Raw Materials (incl. Change-in-inventory)	31,242	12.7	29,623	10.2	51,109	13.1	49,228	14.8	66,105	19.4
Power and Fuel	48,276	19.7	67,875	23.4	1,17,619	30.2	81,093	24.5	82,648	24.3
Freight and Forwarding	62,715	25.6	71,329	24.6	95,237	24.5	80,006	24.1	83,012	24.4
Operating and Administrative Expenses	37,468	15.3	43,432	15.0	55,616	14.3	43,746	13.2	44,943	13.2
Personnel Cost	15,404	6.3	15,292	5.3	18,565	4.8	13,528	4.1	14,034	4.1
<b>EBITDA</b>	<b>50,056</b>	<b>20.4</b>	<b>62,104</b>	<b>21.4</b>	<b>51,224</b>	<b>13.2</b>	<b>63,995</b>	<b>19.3</b>	<b>50,063</b>	<b>14.7</b>
Depreciation	11,618	4.7	11,525	4.0	16,447	4.2	16,234	4.9	24,697	7.2
Other Income	4,438	1.8	3,524	1.2	7,377	1.9	11,664	3.5	12,435	3.6
<b>EBIT</b>	<b>42,876</b>	<b>17.5</b>	<b>54,104</b>	<b>18.7</b>	<b>42,154</b>	<b>10.8</b>	<b>59,425</b>	<b>17.9</b>	<b>37,800</b>	<b>11.1</b>
Financial Charges	1,402	0.6	1,457	0.5	1,949	0.5	2,764	0.8	2,159	0.6
<b>PBT (Before Exceptional Items)</b>	<b>41,474</b>	<b>16.9</b>	<b>52,647</b>	<b>18.2</b>	<b>40,205</b>	<b>10.3</b>	<b>56,662</b>	<b>17.1</b>	<b>35,641</b>	<b>10.5</b>
Exceptional Items	-1,702	-0.7	-1,205	-0.4	-3,190	-0.8	2,116	0.6	23,537	6.9
<b>PBT</b>	<b>39,772</b>	<b>16.2</b>	<b>51,442</b>	<b>17.8</b>	<b>37,015</b>	<b>9.5</b>	<b>58,777</b>	<b>17.7</b>	<b>59,178</b>	<b>17.4</b>
Tax	8,848	3.6	14,534	5.0	7,051	1.8	11,626	3.5	7,726	2.3
<b>PAT</b>	<b>30,924</b>	<b>12.6</b>	<b>36,908</b>	<b>12.7</b>	<b>29,964</b>	<b>7.7</b>	<b>47,151</b>	<b>14.2</b>	<b>51,452</b>	<b>15.1</b>
Share of Profit In Associates	144	0.1	202	0.1	280	0.1	229	0.1	132	0.0
Minority Interest	7,414	3.0	9,307	3.2	4,410	1.1	11,612	3.5	9,910	2.9
<b>PAT (after MI)</b>	<b>23,654</b>	<b>9.6</b>	<b>27,804</b>	<b>9.6</b>	<b>25,834</b>	<b>6.6</b>	<b>35,768</b>	<b>10.8</b>	<b>41,674</b>	<b>12.2</b>
<b>Adjusted PAT</b>	<b>25,357</b>	<b>10.3</b>	<b>28,707</b>	<b>9.9</b>	<b>28,227</b>	<b>7.2</b>	<b>30,545</b>	<b>9.2</b>	<b>19,641</b>	<b>5.8</b>

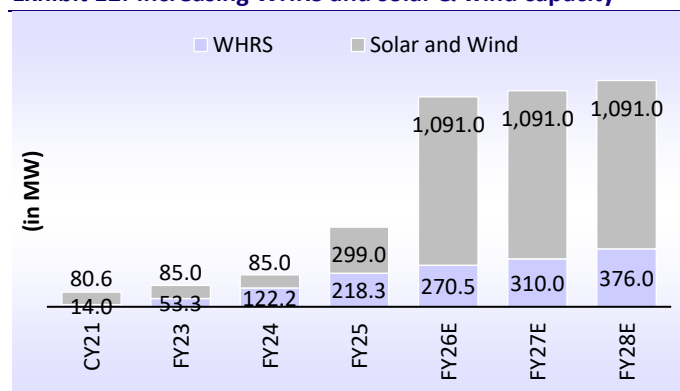
Source: MOFSL, Company; Note: \*FY23 was a 15M period

**Exhibit 10: Electrical energy consumption grew in FY25...**


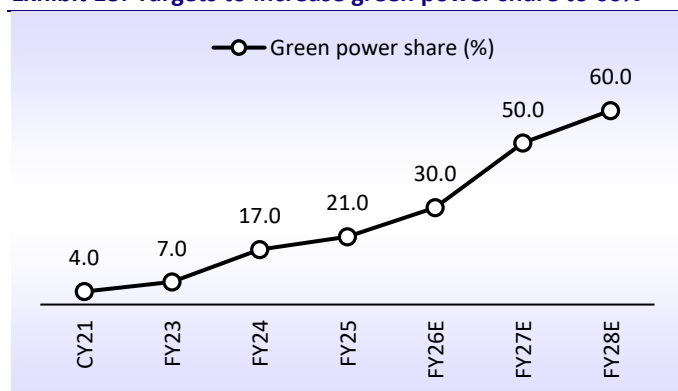
Source: MOFSL, Company;

**Exhibit 11: ...so did thermal energy consumption**


Source: MOFSL, Company;

**Exhibit 12: Increasing WHRS and solar & wind capacity**


Source: MOFSL, Company;

**Exhibit 13: Targets to increase green power share to 60%**


Source: MOFSL, Company;

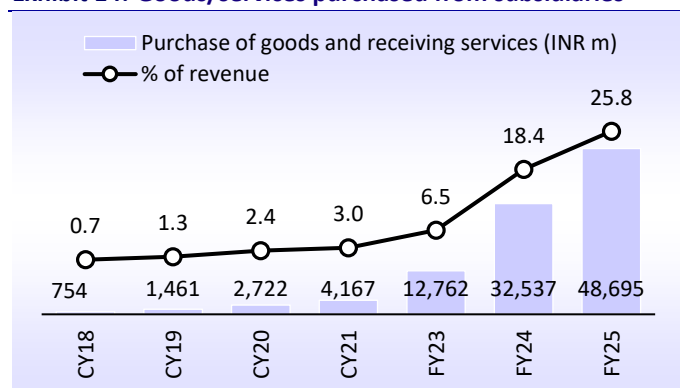
## Analysis of related-party transactions and incentives

With an aim of enhancing process efficiency and leveraging synergies, ACEM saw a significant increase in its related-party transactions. Key highlights of such transactions are mentioned below:

### Sharp increase in transactions (standalone) under master supply agreements

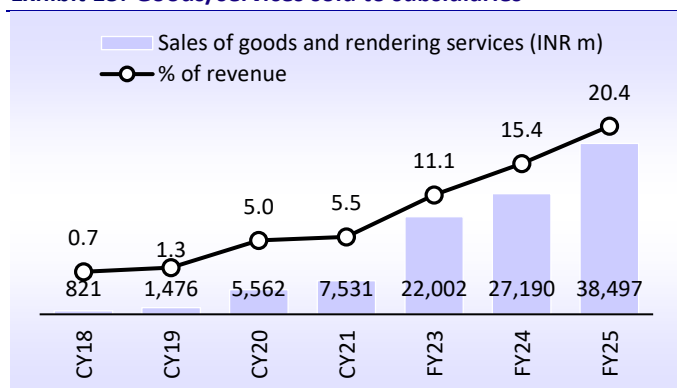
**(MSAs) with subsidiaries:** ACEM strategically established MSAs with its subsidiaries to realize economies of scale, improve operational and logistics cost efficiency, optimize fuel and resource usage and sourcing, integrate its supply chain, reinforce competitive edge and expand market reach. These agreements are in place with ACC, Sanghi Industries (SIL), Asian Fine Cement, Penna Cement, Orient Cement and Adani Cement Industries. In FY25, the company sold 24.3mt of cement and clinker under MSA. Going forward the company is increasing and leveraging MSAs to drive higher revenue and profitability.

**Exhibit 14: Goods/services purchased from subsidiaries**



Source: Company, MOFSL; Note: Standalone

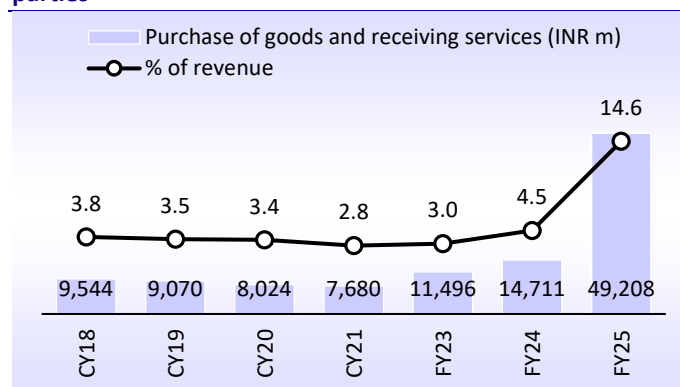
**Exhibit 15: Goods/services sold to subsidiaries**



Source: Company, MOFSL; Note: Standalone

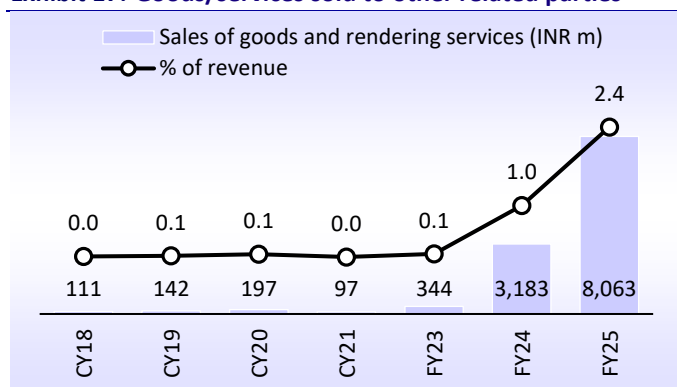
**Sharp increase in transactions (consolidated) with other related parties:** To leverage synergies of the group, ACEM has substantially increased transactions with group companies.

**Exhibit 16: Goods/service purchased from other related parties**



Source: Company, MOFSL; Note: Consolidated

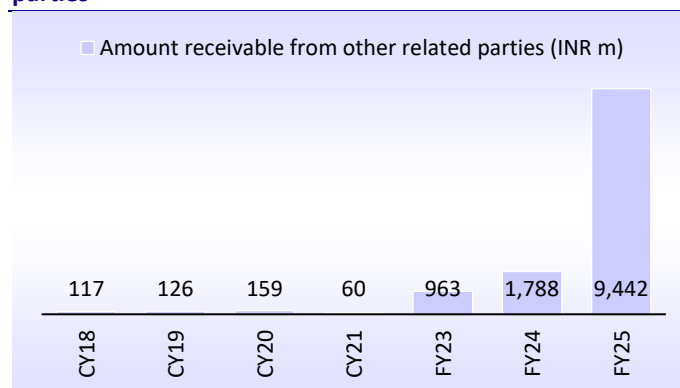
**Exhibit 17: Goods/services sold to other related parties**



Source: Company, MOFSL; Note: Consolidated

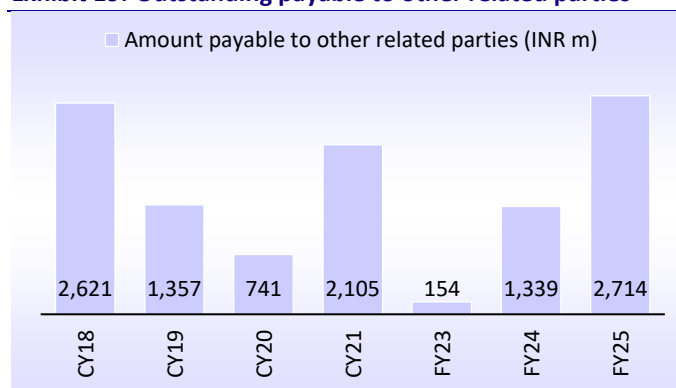
**Increase in transactions results in a rise in receivables:** After a sharp increase in purchases of goods/receiving of services from other related parties, the amount outstanding from other related parties also surged significantly.

**Exhibit 18: Outstanding receivable from other related parties**



Source: Company, MOFSL; Note: Consolidated

**Exhibit 19: Outstanding payable to other related parties**



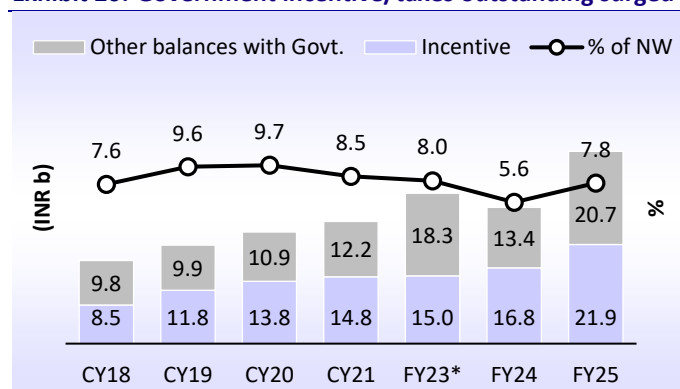
Source: Company, MOFSL; Note: Consolidated

- In FY23, ACEM made an advance payment of INR9.25b to MPL for exclusive long-term raw material/fuel supply rights for its Mundra cement plant, initially expected to be commissioned in FY26. Currently, the advances stand at the same level, while the cement plant is now expected to be commissioned by FY27-28, based on the progress of polyvinyl chlorine unit of MPL.
- ACC, a subsidiary of the company, has taken land on a long-term lease (20 years) from a related party (Aditya Estate) in FY25. It has paid INR6.0b for the lease. ACC also sold surplus land in Thane for a consideration of INR3.9b to a related party (Camrose Realtors) in FY25.

### Incentive receivables increased sharply

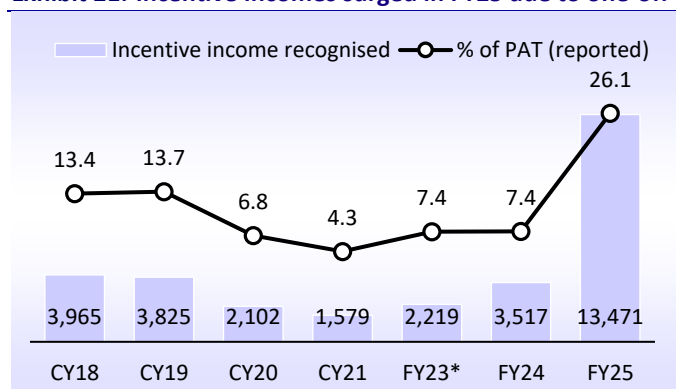
- ACEM's consolidated incentive income (government grant) stood at INR13.5b in FY25 vs. INR3.5b in FY24. During the year, it has recognized few earlier-period incentive income of ~INR11.0b (out of which INR8.3b pertains to Himachal Pradesh, INR2.6b pertains to West Bengal, and INR150m pertains to Punjab governments).
- Consequently, the incentive receivable from the government surged to INR21.9b from INR16.8b in FY24. Apart from that, other balances with the government (duties, taxes) stood at INR20.7b in FY25 vs. INR13.4b in FY24.

**Exhibit 20: Government incentive/taxes outstanding surged**



Source: Company, MOFSL

**Exhibit 21: Incentive Incomes surged in FY25 due to one-off**

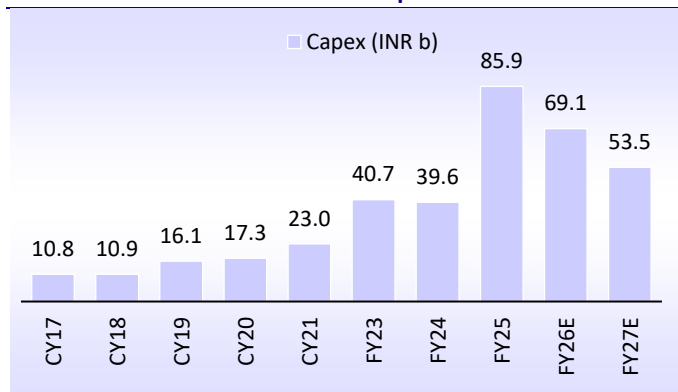


Source: Company, MOFSL

## Capex, fixed assets and cash flows

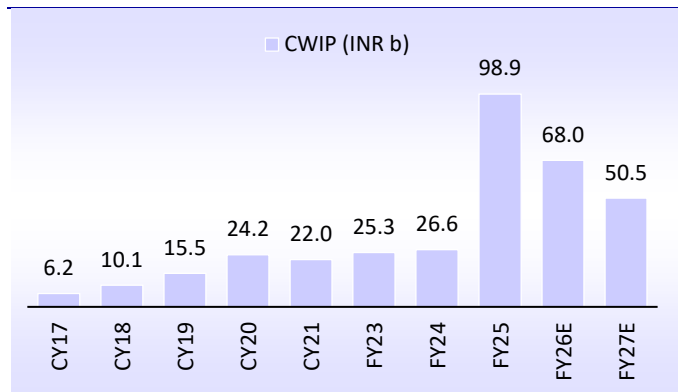
Total consolidated capex in FY25 stood at INR85.9b vs. INR39.6b in FY24. We estimate capex of INR69b/INR53b in FY26/FY27, given the expansion plans announced by the company. The capital work-in-progress (CWIP) stood at INR98.9b in FY25 vs. INR26.6b in FY24. A large part of CWIP includes the cost of projects, which are likely to be completed in FY26. Further, capital advances increased to INR15.5b as of Mar'25 vs. INR14.3b as of Mar'24.

**Exhibit 22: ACEM's consolidated capex trend**



Source: Company, MOFSL; Note: FY23 was a 15M period;

**Exhibit 23: ACEM's consolidated CWIP trend**



Source: Company, MOFSL; Note: FY23 was a 15M period

ROE declined in FY25 due to lower profit margins, a large capital infusion, and a drop in the fixed asset-turnover ratio. The asset turnover fell to 0.6x in FY25 from an average of 0.9x during CY19-24, due to an increase in goodwill (stood at INR108.6b vs. INR88.0b in FY24) and an increase in other current assets. We estimate the asset turnover to remain lower than the historical average at 0.6x/0.7x in FY26/FY27 due to higher goodwill and current assets.

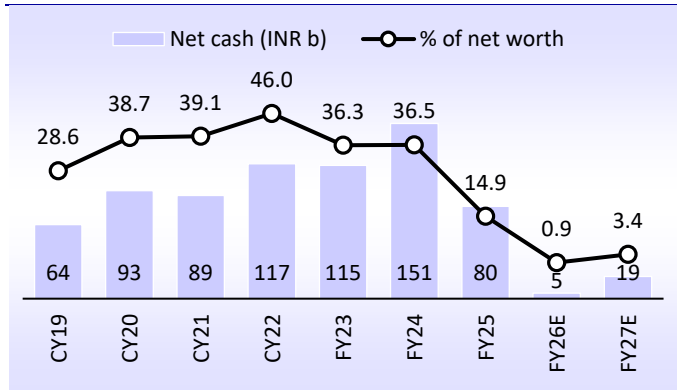
**Exhibit 24: Du-Pont analysis: Low asset-turnover ratio, low margins and increase in equity share capital (issued warrants converted into share) lead to reduction in RoE**

(%)	CY19	CY20	CY21	FY23	FY24	FY25	FY26E	FY27E
PAT/PBT	74.0	74.1	74.7	78.5	75.1	85.1	75.1	75.1
PBT/EBIT	95.9	96.7	96.9	96.2	95.1	96.4	95.2	96.5
EBIT/Sales	17.4	22.0	21.1	16.7	18.3	13.7	12.7	13.8
Asset turnover (x)	1.2	1.2	1.5	1.2	0.9	0.8	0.9	1.0
Assets/Equity (x)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
<b>RoE</b>	<b>14.8</b>	<b>19.1</b>	<b>22.7</b>	<b>14.9</b>	<b>11.9</b>	<b>9.3</b>	<b>8.5</b>	<b>10.3</b>

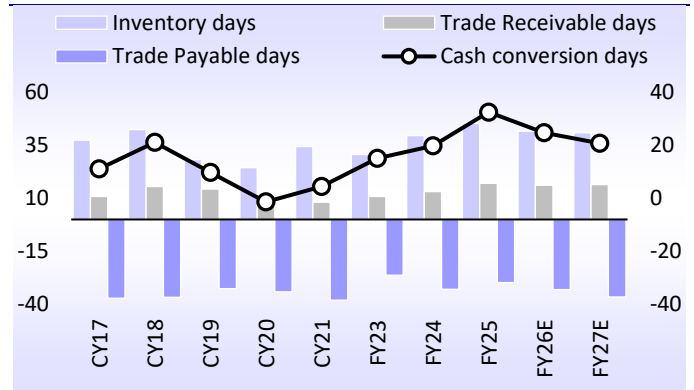
Source: MOFSL, Company;

The company's consolidated net cash (including current investment) stood at INR80.0b as of Mar'25 vs. INR151.2b as of Mar'24. The reduction in net cash balance was driven by increased capex for various ongoing expansions, acquisitions (Penna Cement and Tuticorin GU), bank deposits with lien in favor of NCLT (INR3.1b), and deposits given as security against bank guarantees (INR17.8b).

ACEM's receivable days increased to 17 in FY25 from 13 in FY24. Inventory days stood at 45 in FY25 vs. 40 in FY24. Its trade payable days stood at 30 in FY25 vs. 33 in FY24. ACEM's cash conversion cycle increased in FY25 to 33 vs. 20 in FY24. We estimate the cash conversion cycle to decline in FY26/FY27.

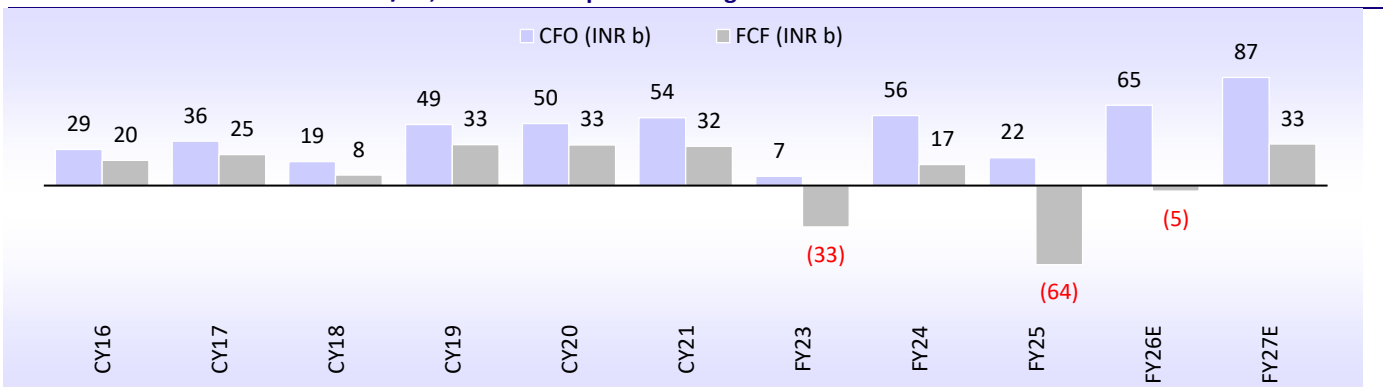
**Exhibit 25: ACEM's consolidated net cash balance**


Source: Company, MOFSL; Note: FY23 was a 15M period;

**Exhibit 26: ACEM's consolidated working capital cycle**


Source: Company, MOFSL; Note: FY23 was a 15M period

ACEM's consolidated CFO stood at INR22.4b in FY25 as compared to INR56.5b in FY24, driven by an increase in working capital. The company's net cash outflow stood at INR63.5b in FY25 vs. cash inflow of INR16.8b in FY24. We expect CFO to improve in FY26/FY27. We estimate FCF to become positive in FY27.

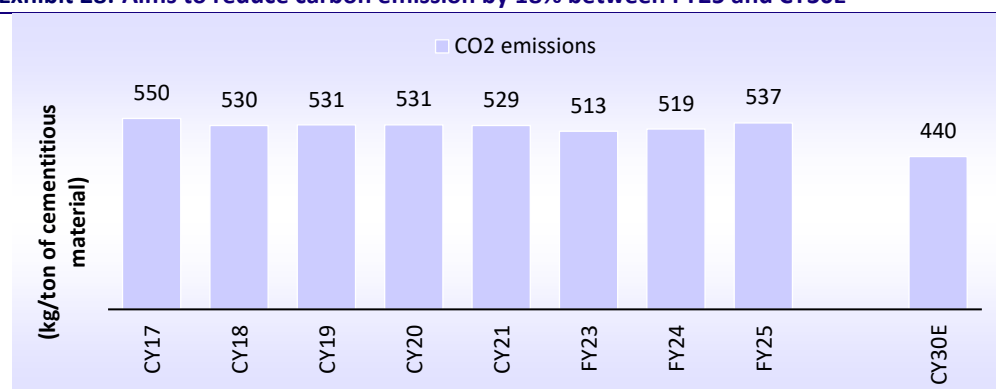
**Exhibit 27: CFO to increase in FY26/27; we estimate positive FCF generation**


Source: MOFSL, Company; ; Note: FY23 was a 15M period; standalone

## Sustainability developments and targets

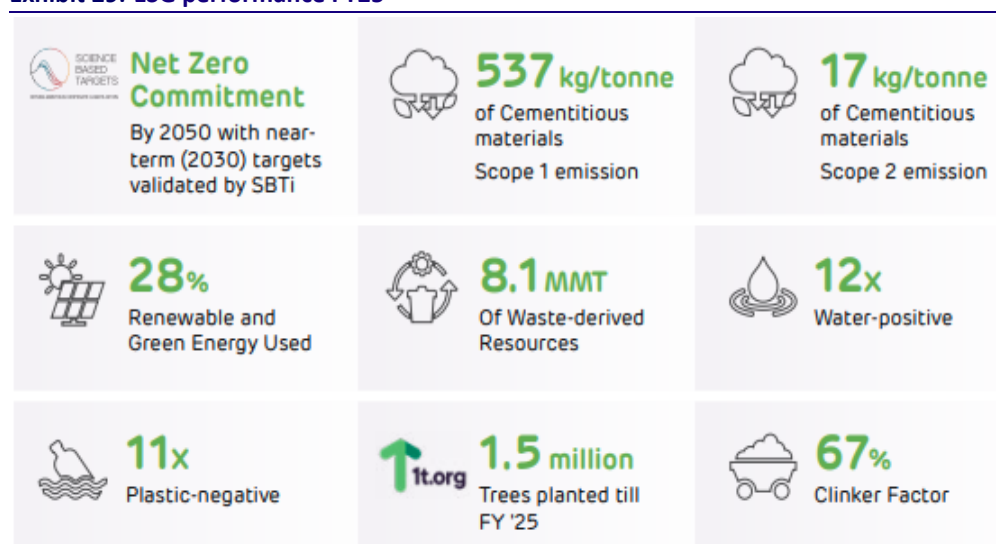
- The company has committed to achieving Net Zero emissions by 2050, and its climate action roadmap is aligned with international frameworks. The company has set emission reduction targets: reducing Scope 1 emissions to 440kg/t of cementitious material (from 537kg/t in FY25) and Scope 2 emissions to 10kg/t (from 17kg/t currently) by 2030. Additionally, ACEM targets a reduction in specific thermal energy consumption to 710kCal/kg of clinker and electrical energy consumption to 63kWh/t of cement during the same period.
- It became the first cement company globally to be a member of the Alliance for Industry Decarbonization (AFID), an initiative led by the International Renewable Energy Agency (IRENA). It is also part of the World Economic Forum's Net Zero Industrial Cluster Initiative, under which it is working to decarbonize the Mundra cluster alongside other Adani Group entities.

**Exhibit 28: Aims to reduce carbon emission by 18% between FY25 and CY30E**



Source: Company, MOFSL; Note: net specific Co2 emission (excluding captive power plant).

**Exhibit 29: ESG performance FY25**



Source: Company, MOFSL



## Valuation and View

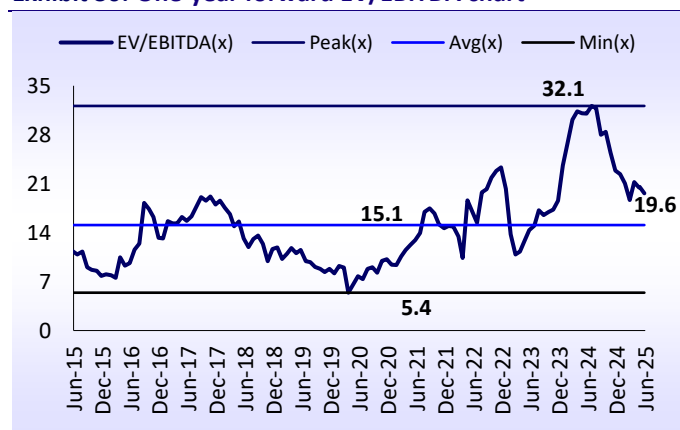
ACEM has reiterated its capacity target of 140mtpa and EBITDA/t target of INR1,500 by FY28. Until now, capacity growth was largely driven by the inorganic route. However, the expansion will be largely organic in FY26, with multiple projects progressing across various locations. The company is also expected to prioritize the integration of acquired assets. Profitability improvement will be driven by ongoing cost-saving measures and a rising share of premium products.

We estimate a CAGR of ~17%/35%/33% in consolidated revenue/EBITDA/PAT over FY25-27, albeit on a low base. We estimate EBITDA/t to increase to INR906/INR1096 in FY26/FY27 vs. INR768 in FY25. ACEM (consol.) trades at 21x/16x FY26/FY27E EV/EBITDA and USD147/USD140 EV/t.

We estimate the company's cumulative OCF to increase to INR151.5b over FY26-27 vs. INR78.8b over FY24-25, led by improvement in profitability and working capital. FCF is estimated at INR28.9b over FY26-27 vs. net cash outflow of INR46.7b over FY24-25. The company's net cash balance is estimated to decline to INR19.3b by FY26 vs. INR151.2b/INR79.7b in FY24/FY25.

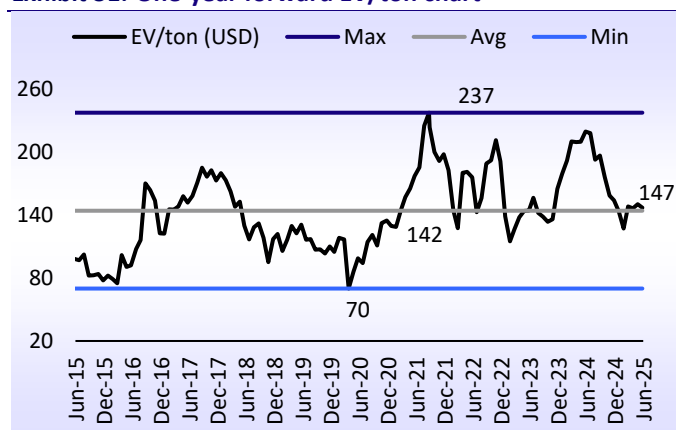
ACEM (consol.) currently trades at 21x/16x FY26/FY27E EV/EBITDA and EV/t of USD147/USD140. We maintain our BUY rating with a TP of INR630 (valuing the stock at 18x FY27E EV/EBITDA).

**Exhibit 30: One-year forward EV/EBITDA chart**



Source: MOFSL, Company

**Exhibit 31: One-year forward EV/ton chart**



Source: MOFSL, Company

## Consolidated financials and valuations

Income Statement							(INR m)	
Y/E December/March	CY19	CY20	CY21	FY23*	FY24	FY25	FY26E	FY27E
<b>Net Sales</b>	<b>2,71,036</b>	<b>2,45,162</b>	<b>2,89,655</b>	<b>3,89,370</b>	<b>3,31,596</b>	<b>3,40,804</b>	<b>4,14,429</b>	<b>4,68,532</b>
Change (%)	4.1	-9.5	18.1	7.5	6.5	2.8	21.6	13.1
Total Expenditure	2,24,774	1,95,106	2,27,551	3,38,147	2,67,601	2,90,741	3,46,526	3,77,522
As a Percentage of Sales	82.9	79.6	78.6	86.8	80.7	85.3	83.6	80.6
<b>EBITDA</b>	<b>46,261</b>	<b>50,056</b>	<b>62,104</b>	<b>51,224</b>	<b>63,995</b>	<b>50,063</b>	<b>67,903</b>	<b>91,010</b>
Change (%)	15.3	8.2	24.1	-34.0	56.2	-21.8	35.6	34.0
Margin (%)	17.1	20.4	21.4	13.2	19.3	14.7	16.4	19.4
Depreciation	11,525	11,618	11,525	16,447	16,234	24,697	29,160	35,081
<b>EBIT</b>	<b>34,736</b>	<b>38,438</b>	<b>50,579</b>	<b>34,777</b>	<b>47,761</b>	<b>25,366</b>	<b>38,743</b>	<b>55,928</b>
Interest	1,699	1,402	1,457	1,949	2,764	2,159	4,238	4,408
Other Income – Rec.	5,533	4,438	3,524	7,377	11,664	12,435	9,959	9,715
<b>PBT Before EO Exp.</b>	<b>38,570</b>	<b>41,474</b>	<b>52,647</b>	<b>40,205</b>	<b>56,662</b>	<b>35,641</b>	<b>44,464</b>	<b>61,235</b>
EO Exp./ (Inc.)	-275	1,702	1,205	3,190	-2,116	-23,537	0	0
<b>PBT After EO Exp.</b>	<b>38,845</b>	<b>39,772</b>	<b>51,442</b>	<b>37,015</b>	<b>58,777</b>	<b>59,178</b>	<b>44,464</b>	<b>61,235</b>
Tax Expense	10,922	8,848	14,534	7,051	11,626	7,726	11,383	15,676
Tax Rate (%)	28.1	22.2	28.3	19.0	19.8	13.1	25.6	25.6
Add: Share of Profit from Associate	200	144	202	280	229	132	132	132
Less: Minority Interest	6,882	7,414	9,307	4,410	11,612	9,910	7,883	10,964
<b>Reported PAT</b>	<b>21,241</b>	<b>23,654</b>	<b>27,804</b>	<b>25,834</b>	<b>35,768</b>	<b>41,674</b>	<b>25,330</b>	<b>34,727</b>
<b>PAT Adj. for EO Items</b>	<b>20,966</b>	<b>25,357</b>	<b>28,707</b>	<b>28,227</b>	<b>30,545</b>	<b>19,641</b>	<b>25,330</b>	<b>34,727</b>
Change (%)	47.6	20.9	13.2	-21.3	35.3	-35.7	29.0	37.1
Margin (%)	7.7	10.3	9.9	7.2	9.2	5.8	6.1	7.4

Balance Sheet							(INR m)	
Y/E December	CY19	CY20	CY21	FY23*	FY24	FY25	FY26E	FY27E
Equity Share Capital	3,971	3,971	3,971	3,971	4,395	4,926	4,926	4,926
Money Received Against Issue of Warrants				50,000	27,797			
Total Reserves	2,36,809	2,23,605	2,49,566	2,63,010	3,82,325	5,29,506	5,43,462	5,64,351
<b>Net Worth</b>	<b>2,40,780</b>	<b>2,27,576</b>	<b>2,53,537</b>	<b>3,16,982</b>	<b>4,14,517</b>	<b>5,34,433</b>	<b>5,48,388</b>	<b>5,69,277</b>
Minority Interest	57,368	63,409	71,450	70,584	93,908	1,03,682	1,10,860	1,20,885
Def. Liabilities	9,367	6,260	7,562	7,004	13,214	24,032	24,032	24,032
Total Loans	353	436	435	477	368	268	435	435
<b>Capital Employed</b>	<b>3,07,868</b>	<b>2,97,681</b>	<b>3,32,985</b>	<b>3,95,046</b>	<b>5,22,007</b>	<b>6,62,414</b>	<b>6,83,715</b>	<b>7,14,629</b>
Gross Block	1,74,809	1,85,238	2,13,828	2,43,254	3,36,585	4,44,583	6,00,509	6,71,559
Less: Accum. Depn.	46,610	59,140	69,989	86,436	1,02,669	1,27,367	1,51,983	1,82,342
<b>Net Fixed Assets</b>	<b>1,28,199</b>	<b>1,26,099</b>	<b>1,43,839</b>	<b>1,56,818</b>	<b>2,33,916</b>	<b>3,17,217</b>	<b>4,48,527</b>	<b>4,89,217</b>
Capital WIP	15,544	24,219	21,964	25,259	26,585	98,857	68,020	50,495
Capital Advances	4,422	6,050	4,234	4,810	14,266	15,548	15,548	15,548
Goodwill	78,815	78,761	78,697	78,697	88,028	1,08,561	1,08,561	1,08,561
Investments in Subsidiaries	1,459	1,546	1,705	1,861	623	604	604	604
Investments – Trade	26,579	7,026	8,861	276	7,863	18,511	511	511
<b>Curr. Assets</b>	<b>1,46,805</b>	<b>1,53,507</b>	<b>1,92,773</b>	<b>2,49,495</b>	<b>2,79,388</b>	<b>2,50,113</b>	<b>2,01,785</b>	<b>2,23,996</b>
Inventory	20,965	16,486	27,380	32,728	36,086	42,480	47,458	52,629
Debtors	10,686	5,611	6,458	11,544	11,896	15,903	18,433	21,102
Cash and Bank Bal.	67,003	82,457	1,08,358	1,15,610	1,43,985	61,722	5,135	19,508
Others	48,152	48,953	50,577	89,613	87,422	1,30,008	1,30,758	1,30,758
<b>Curr. Liability and Prov.</b>	<b>93,956</b>	<b>99,526</b>	<b>1,19,088</b>	<b>1,22,168</b>	<b>1,28,660</b>	<b>1,46,996</b>	<b>1,59,839</b>	<b>1,74,303</b>
Creditors	89,969	96,601	1,16,026	1,19,373	1,25,671	1,43,904	1,56,747	1,71,211
Provisions	3,987	2,926	3,062	2,795	2,989	3,092	3,092	3,092
<b>Net Current Assets</b>	<b>52,850</b>	<b>53,980</b>	<b>73,685</b>	<b>1,27,327</b>	<b>1,50,728</b>	<b>1,03,117</b>	<b>41,945</b>	<b>49,693</b>
<b>Appl. of Funds</b>	<b>3,07,868</b>	<b>2,97,681</b>	<b>3,32,985</b>	<b>3,95,046</b>	<b>5,22,007</b>	<b>6,62,414</b>	<b>6,83,715</b>	<b>7,14,629</b>

Source: Company, MOFSL; \* Note: 15-month period due to a change in the accounting year from December to March

## Consolidated financials and valuations

### Ratios

Y/E December/March	CY19	CY20	CY21	FY23*	FY24	FY25	FY26E	FY27E
<b>Basic (INR)</b>								
<b>EPS</b>	<b>10.6</b>	<b>12.8</b>	<b>14.5</b>	<b>14.2</b>	<b>13.9</b>	<b>8.0</b>	<b>10.3</b>	<b>14.1</b>
Cash EPS	16.4	18.6	20.3	22.5	21.3	18.0	22.1	28.3
BV/Share	121.3	114.6	127.7	159.6	188.6	217.0	222.6	231.1
DPS	1.5	18.5	6.3	2.5	2.0	2.0	5.0	6.0
Payout (%)	14.0	155.3	45.0	19.2	12.3	11.8	48.6	42.6
<b>Valuation (x)</b>								
P/E Ratio	44.9	37.1	32.8	33.3	34.1	59.4	46.1	33.6
Cash P/E Ratio	29.0	25.4	23.4	21.1	22.3	26.3	21.4	16.7
P/BV Ratio	3.9	4.1	3.7	3.0	2.5	2.2	2.1	2.1
EV/Sales Ratio	4.2	4.6	3.8	2.8	3.6	3.9	3.5	3.1
EV/EBITDA Ratio	24.6	22.7	17.9	21.6	18.5	26.5	21.1	15.8
EV/t (Cap) - USD	210	209	195	190	177	170	145	138
Dividend Yield (%)	0.3	3.4	1.2	0.5	0.4	0.4	0.9	1.1
<b>Return Ratios (%)</b>								
RoE	9.1	10.9	12.0	10.0	8.4	4.1	4.7	6.2
RoCE	10.8	12.8	15.2	9.9	10.5	4.7	5.3	7.4
RoIC	11.0	14.5	18.6	12.4	12.7	5.2	5.2	6.6
<b>Working Capital Ratios</b>								
Asset Turnover (x)	0.9	0.8	0.9	1.0	0.6	0.5	0.6	0.7
Debtor (Days)	14	8	8	11	13	17	16	16
Inventory (Days)	28	25	35	31	40	45	42	41
Work Cap (Days)	71.2	80.4	92.9	119.4	165.9	110.4	36.9	38.7
<b>Leverage Ratio (x)</b>								
Current Ratio	1.6	1.5	1.6	2.0	2.2	1.7	1.3	1.3
Debt/Equity Ratio	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

### Cash Flow Statement

(INR m)

Y/E December	CY19	CY20	CY21	FY23*	FY24	FY25	FY26E	FY27E
OP/(Loss) Before Tax	38,753	39,916	51,645	37,295	59,006	59,224	44,596	61,367
Depreciation	11,525	11,618	11,525	16,447	16,234	24,783	24,616	30,359
Interest and Finance Charges	1,705	1,699	1,402	1,905	2,764	2,159	2,159	4,238
Direct Taxes Paid	-5,299	-11,702	-6,476	-7,385	-9,156	-3,802	-11,383	-15,676
(Inc.)/Dec. in WC	2,407	8,492	-3,602	-40,913	-12,390	-59,991	4,585	6,625
<b>CF from Operations</b>	<b>49,092</b>	<b>50,022</b>	<b>54,494</b>	<b>7,349</b>	<b>56,458</b>	<b>22,374</b>	<b>64,574</b>	<b>86,913</b>
Others	0	0	0	0	0	0	0	0
<b>CF from Operations incl. EO</b>	<b>49,092</b>	<b>50,022</b>	<b>54,494</b>	<b>7,349</b>	<b>56,458</b>	<b>22,374</b>	<b>64,574</b>	<b>86,913</b>
(Inc.)/Dec. in FA	-16,070	-17,253	-22,963	-40,659	-39,611	-85,915	-69,088	-53,525
<b>Free Cash Flow</b>	<b>33,022</b>	<b>32,769</b>	<b>31,530</b>	<b>-33,310</b>	<b>16,847</b>	<b>-63,541</b>	<b>-4,515</b>	<b>33,388</b>
(Pur.)/Sale of Investments	4,142	4,080	2,893	2,668	-49,893	10,604	-38,000	0
Others	-8,658	19,865	-1,963	8,585	4,533	-85,246	0	0
<b>CF from Investments</b>	<b>-20,587</b>	<b>6,692</b>	<b>-22,034</b>	<b>-29,407</b>	<b>-84,971</b>	<b>-1,60,557</b>	<b>-1,07,088</b>	<b>-53,525</b>
Issue of Shares	0	0	0	0	424	531	0	0
Inc./(Dec.) in Debt	0	0	0	-1,155	-1,533	-20,083	167	0
Interest Paid	-1,705	-1,699	-1,402	-1,581	-2,341	-1,758	-2,159	-4,238
Dividend Paid	-5,174	-37,959	-3,334	-12,514	-4,964	-4,926	-12,316	-14,779
Others	-1,120	-1,603	-1,823	44,560	65,302	82,157	236	1
<b>CF from Fin. Activity</b>	<b>-7,999</b>	<b>-41,261</b>	<b>-6,560</b>	<b>29,310</b>	<b>56,888</b>	<b>55,920</b>	<b>-14,072</b>	<b>-19,016</b>
<b>Inc./Dec. in Cash</b>	<b>20,507</b>	<b>15,453</b>	<b>25,901</b>	<b>7,253</b>	<b>28,375</b>	<b>-82,263</b>	<b>-56,587</b>	<b>14,373</b>
Opening Balance	46,497	67,003	82,457	1,08,358	1,15,610	1,43,985	61,722	5,135
<b>Closing Balance</b>	<b>67,003</b>	<b>82,457</b>	<b>1,08,357</b>	<b>1,15,610</b>	<b>1,43,985</b>	<b>61,722</b>	<b>5,135</b>	<b>19,508</b>

Source: Company, MOFSL; \* Note: 15-month period due to a change in the accounting year from December to March

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

## NOTES

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

\*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall be within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

#### Disclosures

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations).

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Depository participant services & distribution of various financial products. MOFSL is a listed public company, the details in respect of which are available on [www.motilaloswal.com](http://www.motilaloswal.com). MOFSL (erstwhile Motilal Oswal Securities Limited - MOSL) is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL), NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at <http://online.reports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf>

MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may; (a) from time to time, have a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

MOFSL and / or its affiliates do and seek to do business including investment banking with companies covered in its research reports. As a result, the recipients of this report should be aware that MOFSL may have a potential conflict of interest that may affect the objectivity of this report. Compensation of Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the website at <https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx>

A graph of daily closing prices of securities is available at [www.nseindia.com](http://www.nseindia.com), [www.bseindia.com](http://www.bseindia.com). Research Analyst views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of MOFSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from MOFSL research activity and therefore it can have an independent view with regards to Subject Company for which Research Team have expressed their views.

#### Regional Disclosures (outside India)

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL & its group companies to registration or licensing requirements within such jurisdictions.

#### For Hong Kong:

This report is distributed in Hong Kong by Motilal Oswal capital Markets (Hong Kong) Private Limited, a licensed corporation (CE AYY-301) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) "SFO". As per SEBI (Research Analyst Regulations) 2014 Motilal Oswal Securities (SEBI Reg. No. INH000000412) has an agreement with Motilal Oswal capital Markets (Hong Kong) Private Limited for distribution of research report in Hong Kong. This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The Indian Analyst(s) who compile this report is/are not located in Hong Kong & are not conducting Research Analysis in Hong Kong.

#### For U.S.

Motilal Oswal Financial Services Limited (MOFSL) is not a registered broker - dealer under the U.S. Securities Exchange Act of 1934, as amended (the "1934 act") and under applicable state laws in the United States. In addition MOFSL is not a registered investment adviser under the U.S. Investment Advisers Act of 1940, as amended (the "Advisers Act") and together with the 1934 Act, the "Acts", and under applicable state laws in the United States. Accordingly, in the absence of specific exemption under the Acts, any brokerage and investment services provided by MOFSL, including the products and services described herein are not available to or intended for U.S. persons. This report is intended for distribution only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the Exchange Act and interpretations thereof by SEC (henceforth referred to as "major institutional investors"). This document must not be acted on or relied on by persons who are not major institutional investors. Any investment or investment activity to which this document relates is only available to major institutional investors and will be engaged in only with major institutional investors. In reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and interpretations thereof by the U.S. Securities and Exchange Commission ("SEC") in order to conduct business with Institutional Investors based in the U.S., MOFSL has entered into a chaperoning agreement with a U.S. registered broker-dealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this chaperoning agreement.

The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer, MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

#### For Singapore

In Singapore, this report is being distributed by Motilal Oswal Capital Markets (Singapore) Pte. Ltd. ("MOCMSPL") (UEN 201129401Z), which is a holder of a capital markets services license and an exempt financial adviser in Singapore. This report is distributed solely to persons who (a) qualify as "institutional investors" as defined in section 4A(1)(c) of the Securities and Futures Act of Singapore ("SFA") or (b) are considered "accredited investors" as defined in section 2(1) of the Financial Advisers Regulations of Singapore read with section 4A(1)(a) of the SFA. Accordingly, if a recipient is neither an "institutional investor" nor an "accredited investor", they must immediately discontinue any use of this Report and inform MOCMSPL.

In respect of any matter arising from or in connection with the research you could contact the following representatives of MOCMSPL. In case of grievances for any of the services rendered by MOCMSPL write to [grievances@motilaloswal.com](mailto:grievances@motilaloswal.com).

Nainesh Rajani

Email: [nainesh.rajani@motilaloswal.com](mailto:nainesh.rajani@motilaloswal.com)

Contact: (+65) 8328 0276

#### Specific Disclosures

- Research Analyst and/or his/her relatives do not have a financial interest in the subject company(ies), as they do not have equity holdings in the subject company(ies). MOFSL has financial interest in the subject company(ies) at the end of the week immediately preceding the date of publication of the Research Report: Yes.  
Nature of Financial interest is holding equity shares or derivatives of the subject company
- Research Analyst and/or his/her relatives do not have actual/beneficial ownership of 1% or more securities in the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report.  
MOFSL has actual/beneficial ownership of 1% or more securities of the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report: No
- Research Analyst and/or his/her relatives have not received compensation/other benefits from the subject company(ies) in the past 12 months.  
MOFSL may have received compensation from the subject company(ies) in the past 12 months.
- Research Analyst and/or his/her relatives do not have material conflict of interest in the subject company at the time of publication of research report.  
MOFSL does not have material conflict of interest in the subject company at the time of publication of research report.
- Research Analyst has not served as an officer, director or employee of subject company(ies).
- MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months.
- MOFSL has not received compensation for investment banking /merchant banking/brokerage services from the subject company(ies) in the past 12 months.

8. MOFSL may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company(ies) in the past 12 months.
9. MOFSL may have received compensation or other benefits from the subject company(ies) or third party in connection with the research report.
10. MOFSL has not engaged in market making activity for the subject company.

The associates of MOFSL may have:

- financial interest in the subject company
- actual/beneficial ownership of 1% or more securities in the subject company at the end of the month immediately preceding the date of publication of the Research Report or date of the public appearance.
- received compensation/other benefits from the subject company in the past 12 months
- any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.
- acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies)
- received compensation from the subject company in the past 12 months for investment banking / merchant banking / brokerage services or from other than said services.
- Served subject company as its clients during twelve months preceding the date of distribution of the research report.

The associates of MOFSL has not received any compensation or other benefits from third party in connection with the research report

Above disclosures include beneficial holdings lying in demat account of MOFSL which are opened for proprietary investments only. While calculating beneficial holdings, It does not consider demat accounts which are opened in name of MOFSL for other purposes (i.e holding client securities, collaterals, error trades etc.). MOFSL also earns DP income from clients which are not considered in above disclosures.

#### Analyst Certification

The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

#### Terms & Conditions:

This report has been prepared by MOFSL and is meant for sole use by the recipient and not for circulation. The report and information contained herein is strictly confidential and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of MOFSL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. MOFSL will not treat recipients as customers by virtue of their receiving this report.

#### Disclaimer:

The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent. This report and information herein is solely for informational purpose and may 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. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. 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. This may not be taken in substitution for the exercise of independent judgment by any recipient. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult its own advisors to determine the merits and risks of such an investment. The investment discussed or views expressed may not be suitable for all investors. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. No representation or warranty, express or implied, is made as to the accuracy, completeness or fairness of the information and opinions contained in this document. The Disclosures of Interest Statement incorporated in this document is provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. This information is subject to change without any prior notice. The Company reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval. MOFSL, its associates, their directors and the employees may from time to time, effect or have effected an own account transaction in, or deal as principal or agent in or for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for, or solicit investment banking or other business from, any company referred to in this report. Each of these entities functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting the document. This report has been prepared on the basis of information that is already available in publicly accessible media or developed through analysis of MOFSL. The views expressed are those of the analyst, and the Company may or may not subscribe to all the views expressed therein. This document is being supplied to you solely for your information and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, copied, in whole or in part, for any purpose. This report is not directed 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, regulation or which would subject MOFSL to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction. Neither the Firm, not its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. The person accessing this information specifically agrees to exempt MOFSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOFSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOFSL or any of its affiliates or employees free and harmless from all losses, costs, damages, expenses that may be suffered by the person accessing this information due to any errors and delays.

This report is meant for the clients of Motilal Oswal only.

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 - 71934200 / 71934263;

www.motilaloswal.com. Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai- 400 064. Tel No: 022 71881000. Details of

Compliance Officer: Neeraj Agarwal, Email Id: na@motilaloswal.com, Contact No.:022-40548085.

Grievance Redressal Cell:

Contact Person	Contact No.	Email ID
Ms. Hemangi Date	022 40548000 / 022 67490600	query@motilaloswal.com
Ms. Kumud Upadhyay	022 40548082	servicehead@motilaloswal.com
Mr. Ajay Menon	022 40548083	am@motilaloswal.com

Registration details of group entities.: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412 . AMFI: ARN : 146822. IRDA Corporate Agent – CA0579. Motilal Oswal Financial Services Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Insurance, Bond, NCDs and IPO products.

Customer having any query/feedback/ clarification may write to query@motilaloswal.com. In case of grievances for any of the services rendered by Motilal Oswal Financial Services Limited (MOFSL) write to grievances@motilaloswal.com, for DP to dpgrievances@motilaloswal.com.