

Investor Presentation

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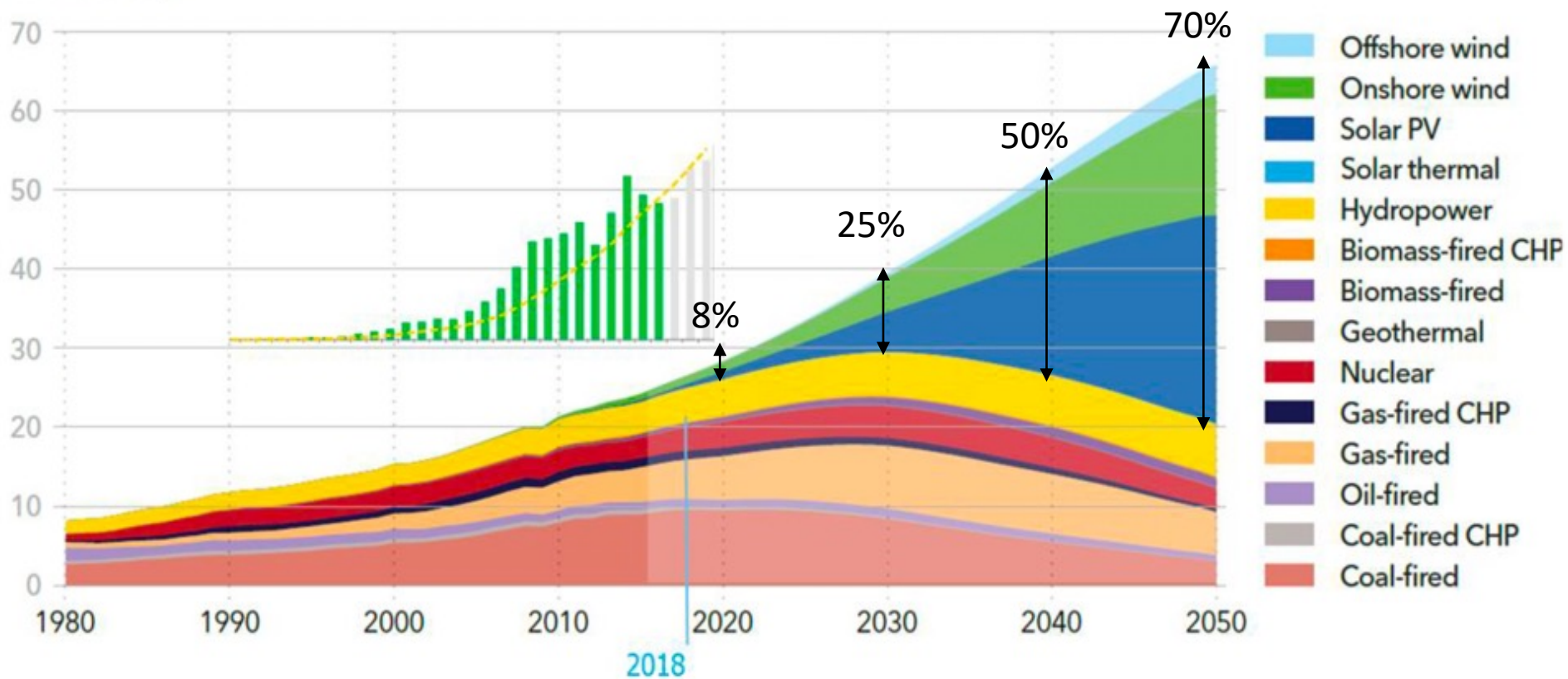
1. Wind Industry Overview
2. Company Profile
3. Business Overview

Wind Industry Overview

World Electricity Power Sources – 1980-2050

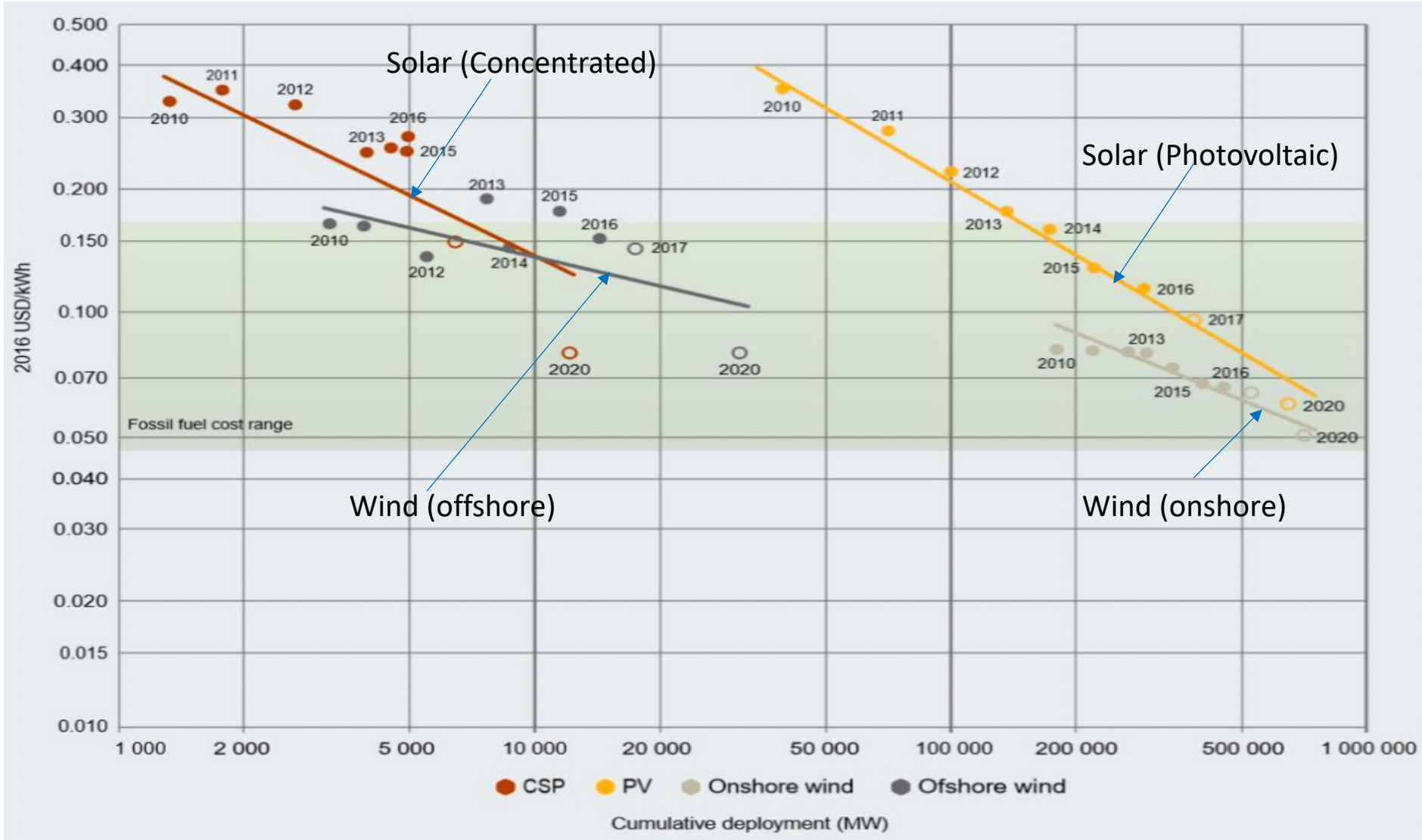
World electricity generation by power station type

Units: PWh/yr



Source: DNV.GL, 09/2018

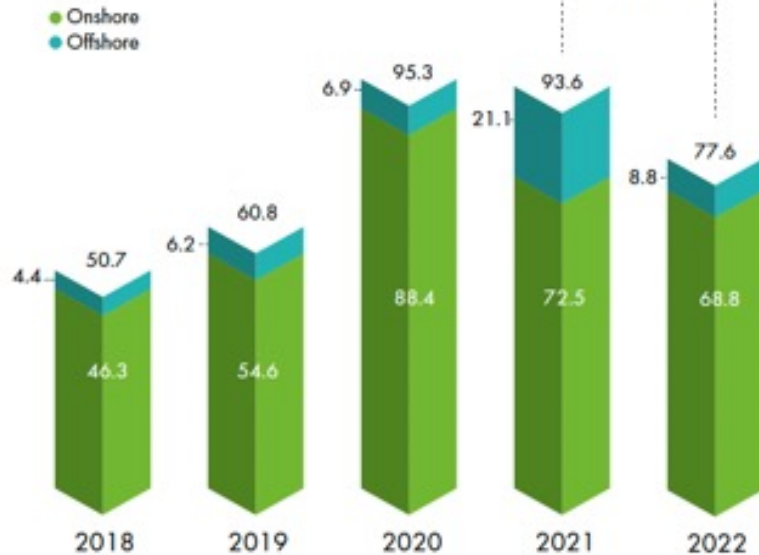
Renewables energy is projected to attain 70% Electricity Contribution by 2050



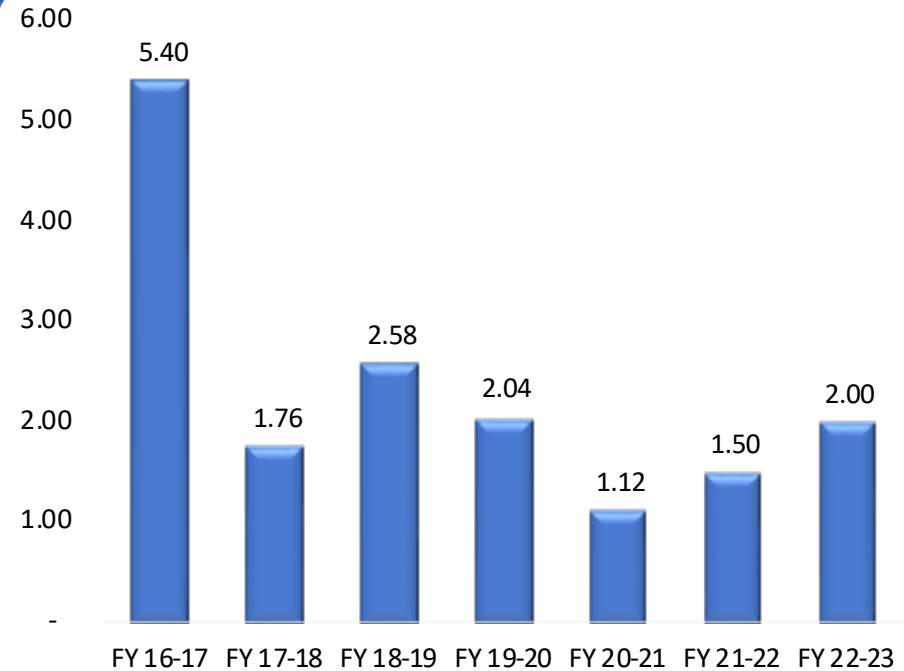
Wind & Solar Technology Cost Comparison
 Wind Technology still holds cost competitiveness

Global Wind Installations

New installations
GW



Indian Wind Installations



Global Installations are consistent and almost doubled during 2018-20 period. Consolidation is being observed during last two years because of global issues.

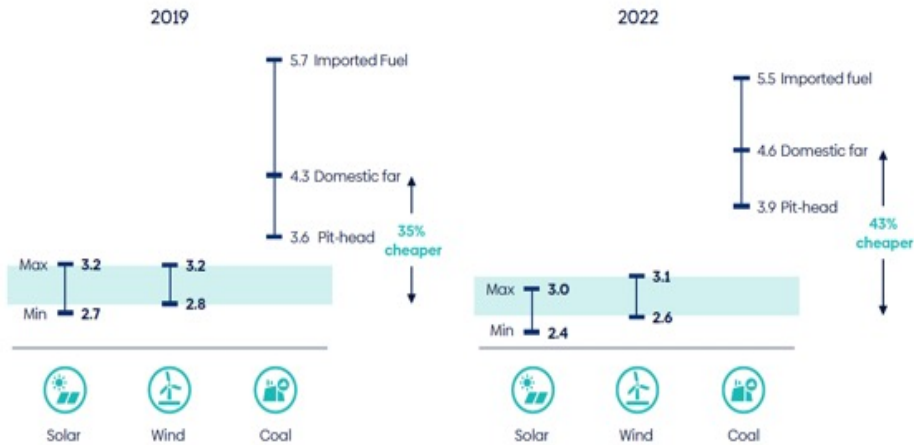
Post 2017, Indian installations were hit due to local issues like reverse bidding, grid infrastructure, land bank policies and DISCOM payment delays. Gradually these issues are getting resolved and expected to improve domestic market as well.

Renewable Vs Coal Competitiveness

Global Wind Installations Outlook

FIGURE 2 | RENEWABLES ARE CHEAPEST RESOURCE ON GRID, TODAY AND IN FUTURE

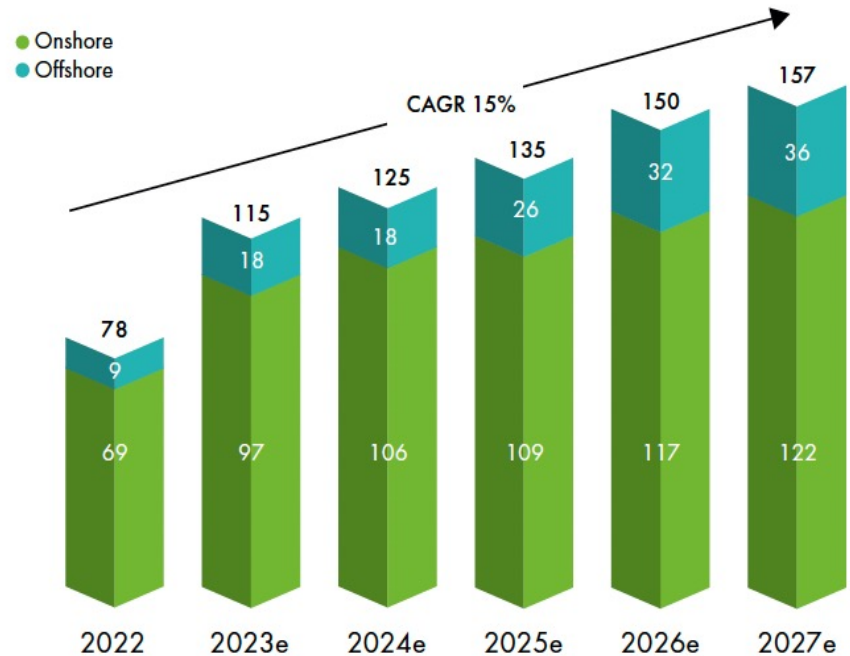
LCoE comparison of sources (new vs new), 2019 and 2022
INR/kWh



Note: Wind and solar LCoE calculations done at 11% internal rate of return while coal calculations done at 16% return on equity
Does not include transmission and distribution charges for any source
Pit-head are coal plants using domestic coal and located near the mine; domestic far plants also use domestic coal but are located far from the mine (~500 km); imported fuel plants make use of imported Australian coal

Source: CEEW; BNEF; Lazard; MEC+ analysis

New installations outlook 2022–2026 (GW)



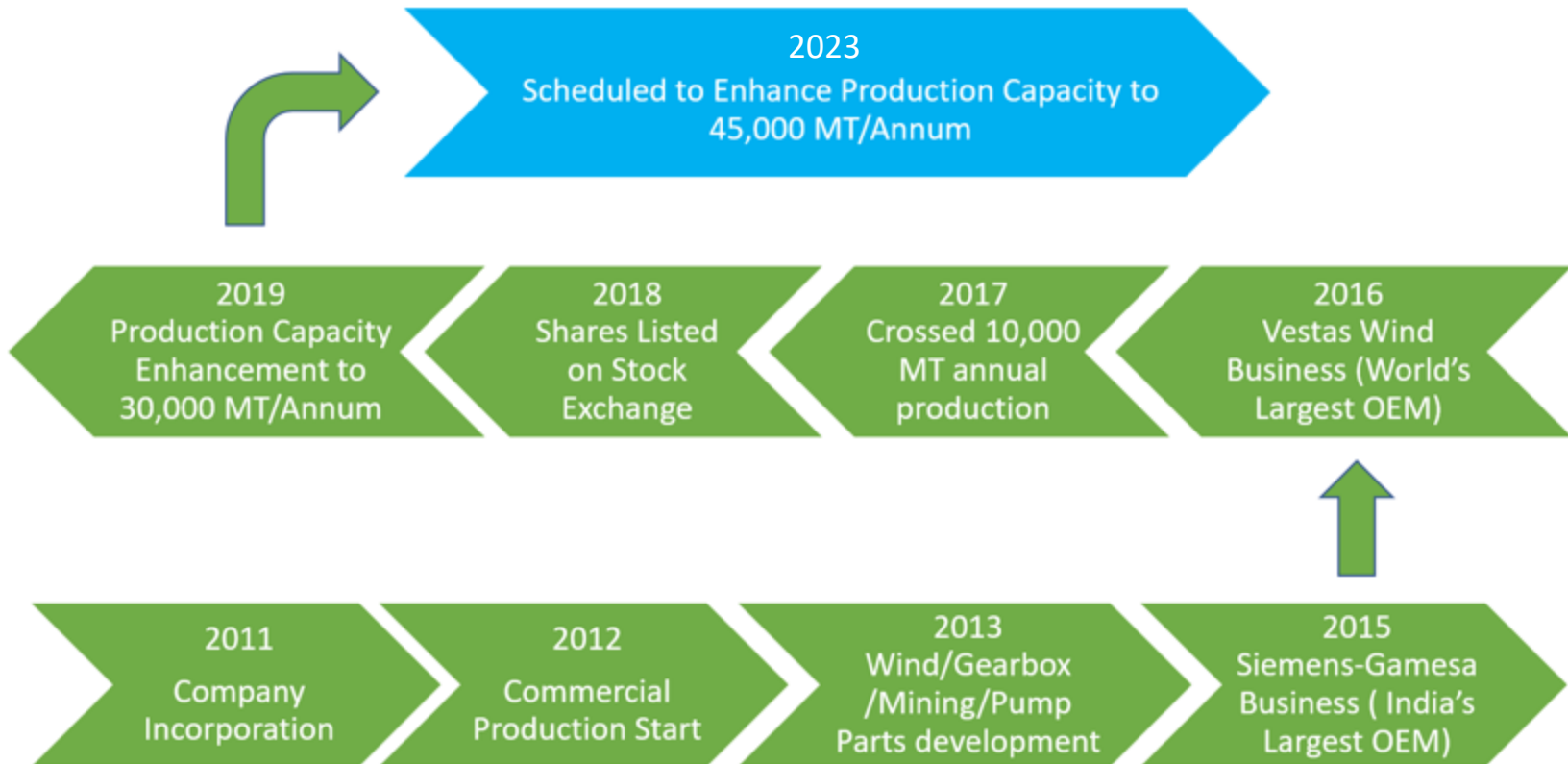
Source: GWEC, 2023

Renewable is the cheapest source of energy on grid with 43% cheaper than coal

GWEC is forecasting a healthy 15% CAGR during next 5 years period

Synergy Green Industries Ltd

Synergy Green Journey



Product Range

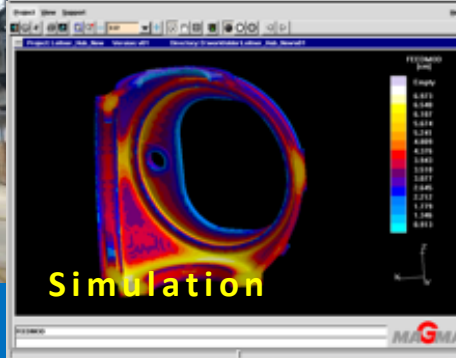
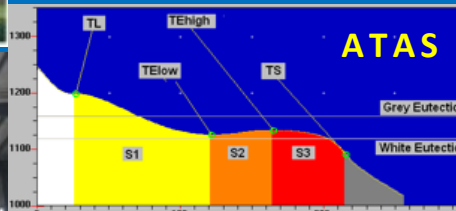
1. Weight Range - 3 MT to 30 MT
2. Material grade: SG (90%), CI (5%), Steel (5%)
3. Bulk/Batch Production castings
4. Capacity 30,000 TPA

Infrastructure



All state of the art equipments from leading manufacturers in the world

Best in Class Information Technology



Complete Quality Testing facilities

Quality Certifications

- ISO 9001
- ISO 14001
- ISO 18001
- ISO 27001(In process)
- ISO 50001(In process)



Key Equipment's

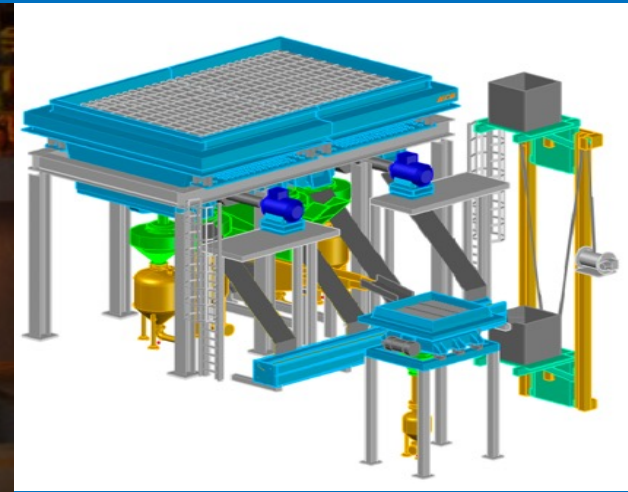


Continuous Sand Mixers:
60 T/Hr 1 No, 30 T/Hr 2 Nos

Fast Loop Moulding:
Line 1: 5m X 4m – 60 MT
Line 2: 4m X 3m – 30 MT

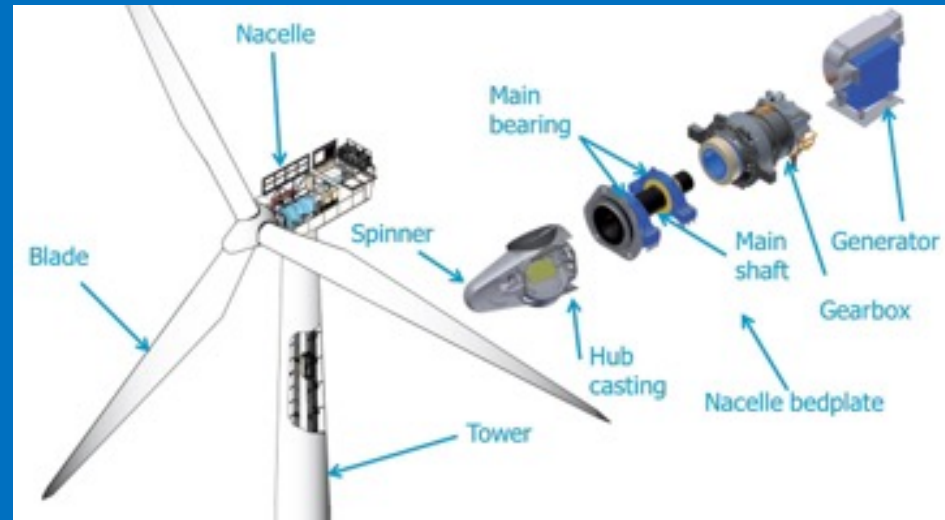


Melting Furnaces:
10 MT – 2 Nos
5 MT – 2 Nos
18 MT – 1 No



Shakeouts:
6.5m X 6m : 80 MT – 1 No
4m X 3m : 40 MT – 1 No
3m X 3m : 30 MT – 1No

Wind Products



Wind & Gear Box Castings



Non Wind Products



Mining, Pumps & Plastic Injection



Main frame 6 MT



Upper frame 5.0MT



Casing 17MT



Diffuser 18MT

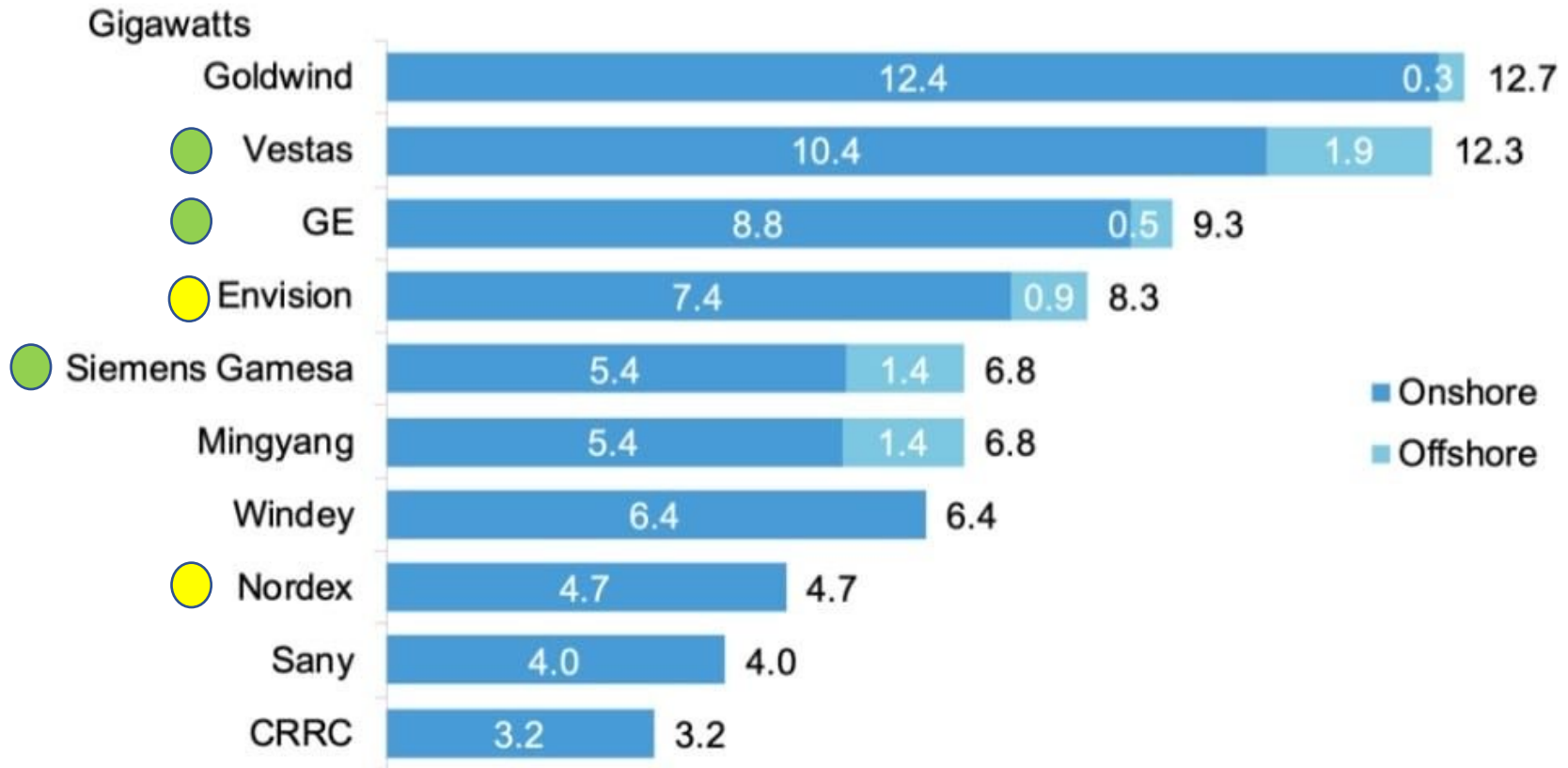


Platen 12MT

Business Overview

Leading Wind OEM's

Figure 1: Top 10 global wind turbine makers, 2022



Source: BloombergNEF. Notes: Total commissioned wind capacity in 2022 was 86GW.

Customer Base

Wind



Gear Box



Mining



Pumps

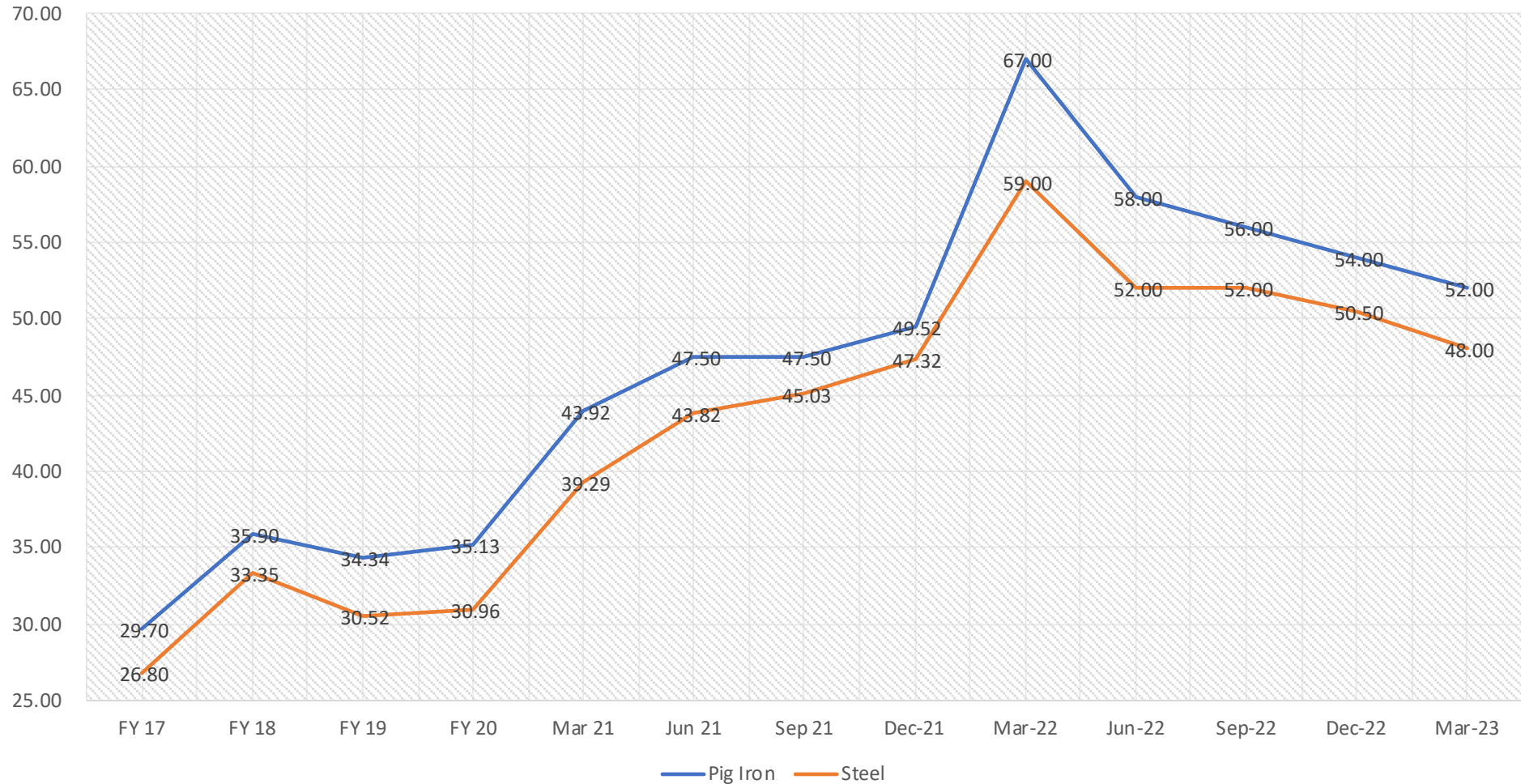


Plastic Injection



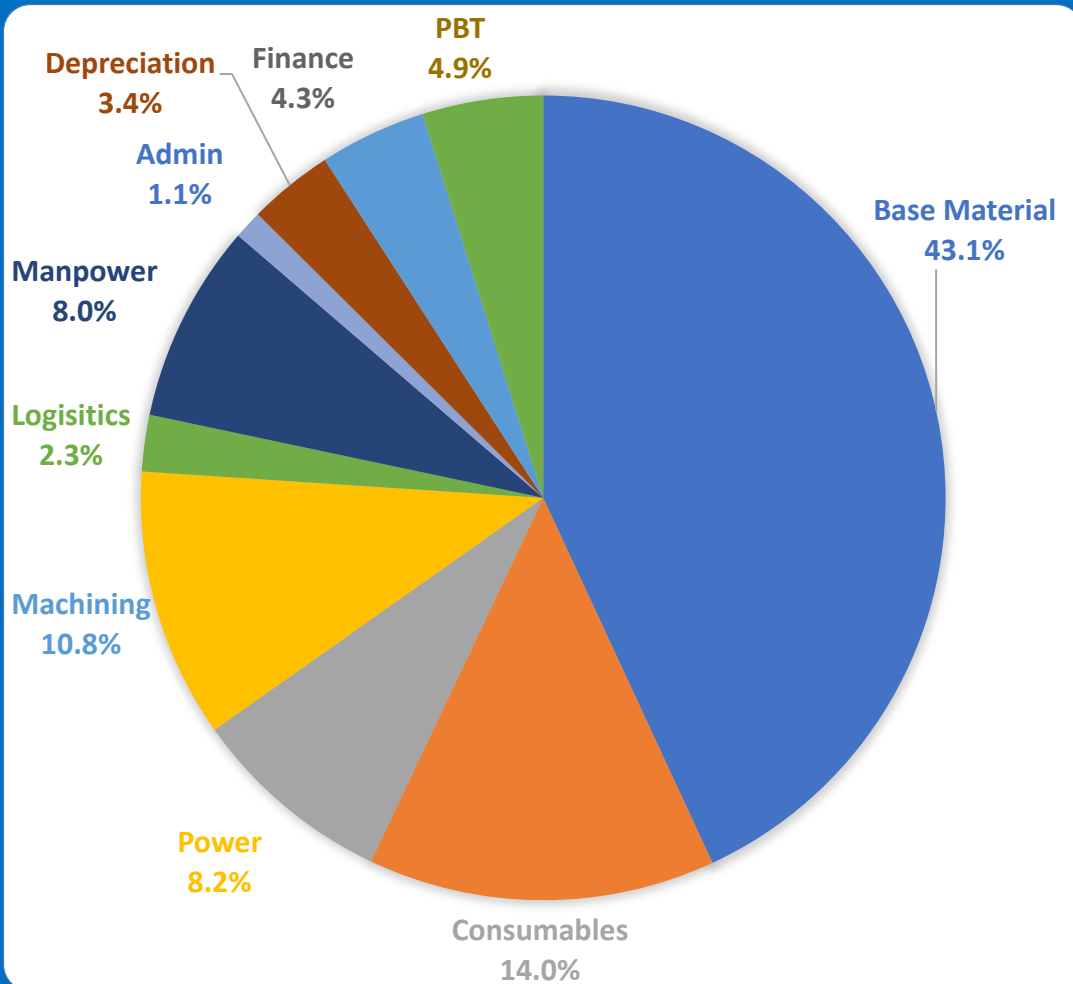
Base Material Input Price Trend

Basic Material (Rs/Kg)



Raw Material prices are getting stabilized and going downwards

Cost Structure FY 2023-24

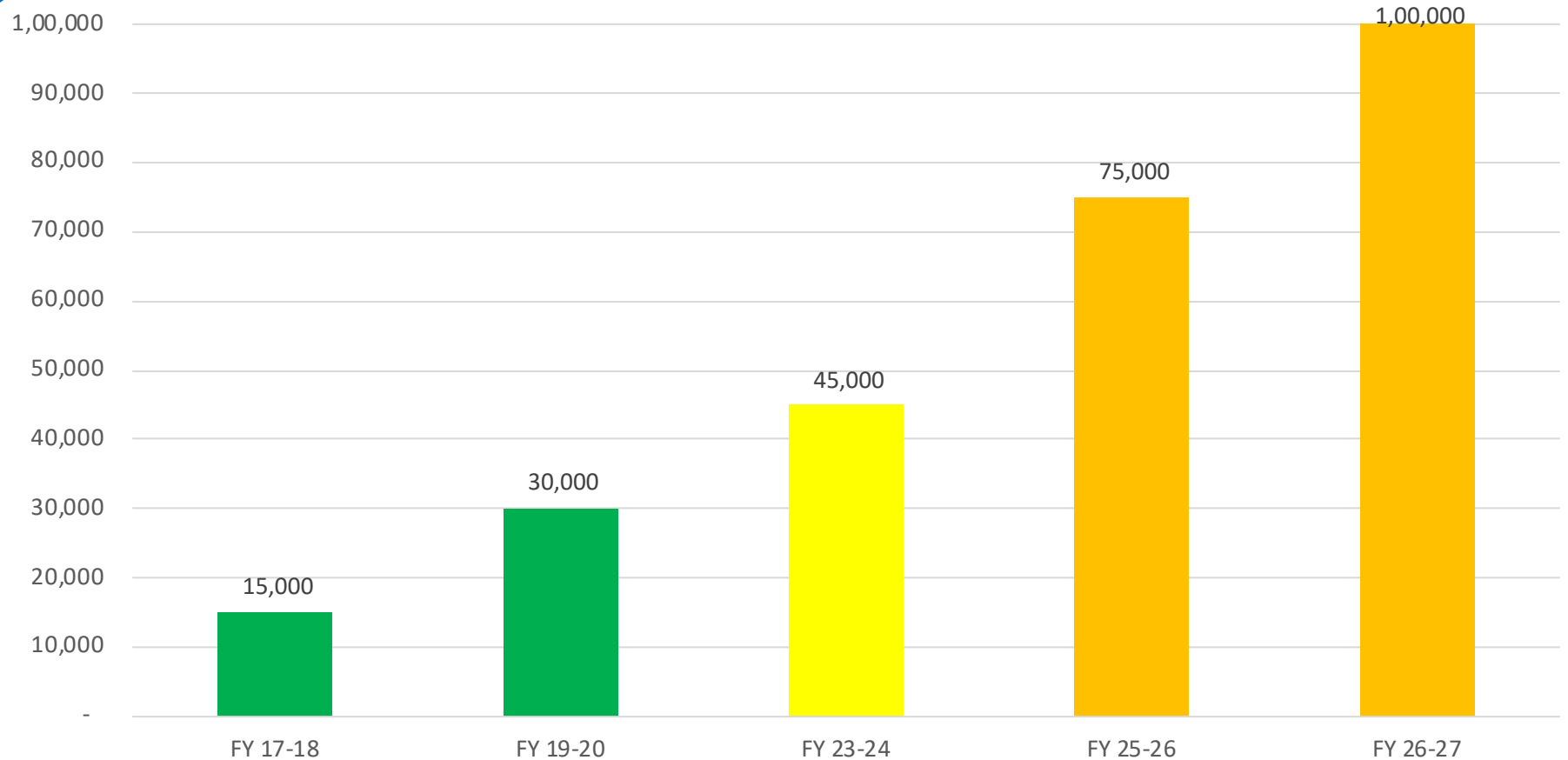


- Present year PBDIT margins are estimated around 12%
- Around Rs 200 Crores CAPEX is being planned in following
 - Foundry Capacity
 - In-House Machining
 - Renewable Captive Power
- Apart from revenue growth, Capex is aimed to optimize the machining & power costs and expand the PBDIT margins by 6%

CAPEX & Fund Source (Rs Crores)

Total CAPEX						
SL	Description	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Total
1	Foundry	35.00	5.00	5.00	5.00	50.00
2	Machining	55.00	33.00	22.00	-	110.00
3	Renewable	-	-	15.00	25.00	40.00
		90.00	38.00	42.00	30.00	200.00
Source of Funds						
SL	Description	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Total
1	Internal Accruals	10.00	20.00	25.00	30.00	85.00
2	Fresh Equity Capital	35.00	-	-	-	35.00
3	Borrowings	45.00	18.00	17.00	-	80.00
		90.00	38.00	42.00	30.00	200.00

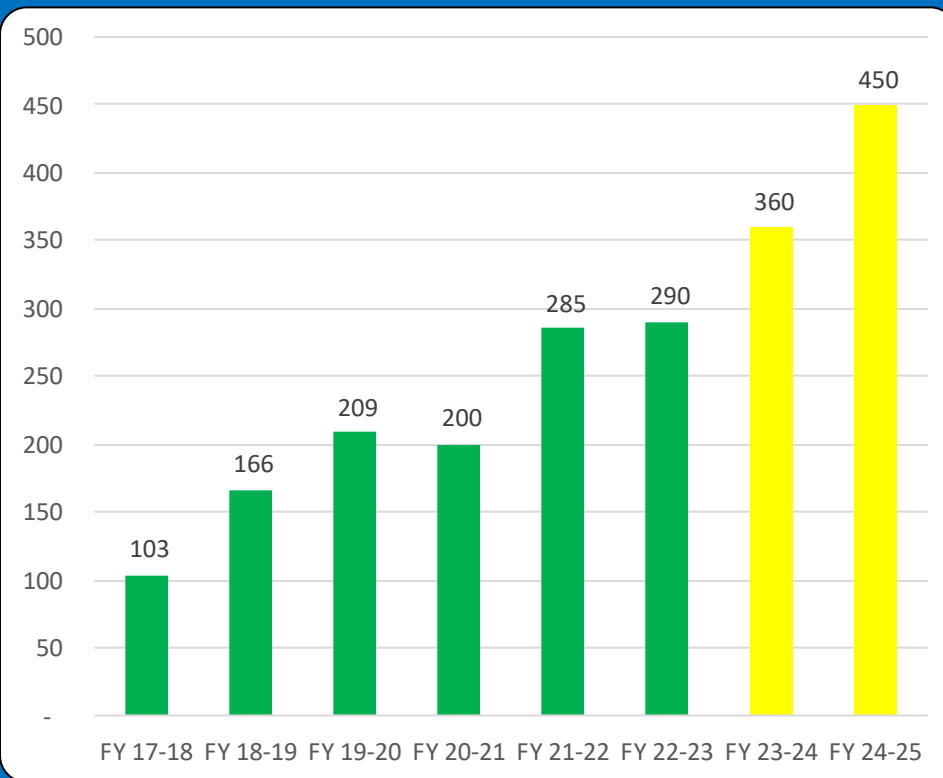
Capacity Additions



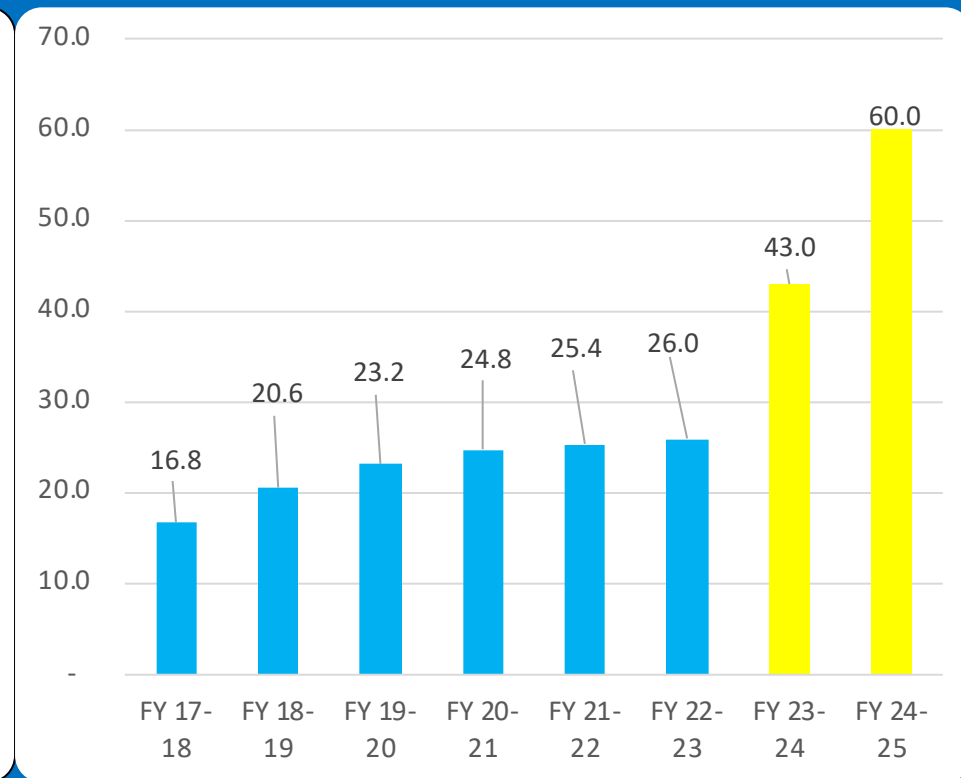
- Presently capacity expansion in progress to Increase from 30,000 MT to 45,000 MT
- One more greenfield project of 55,000 MT during next three years should increase our capacity to 100,000 MT

Financials (Rs Crores)

Sales



PBDIT



- FY 2023-24 Order book is Rs 360 Crores. Around 25% revenue growth is being forecasted for next two years



**Thank
You**