



# INSPIRED ENGINEERING

Corporate Brochure

SUGAR

ETHANOL

POWER TRANSMISSION

WATER SOLUTIONS

DEFENCE

BRANDS







# CONTENTS

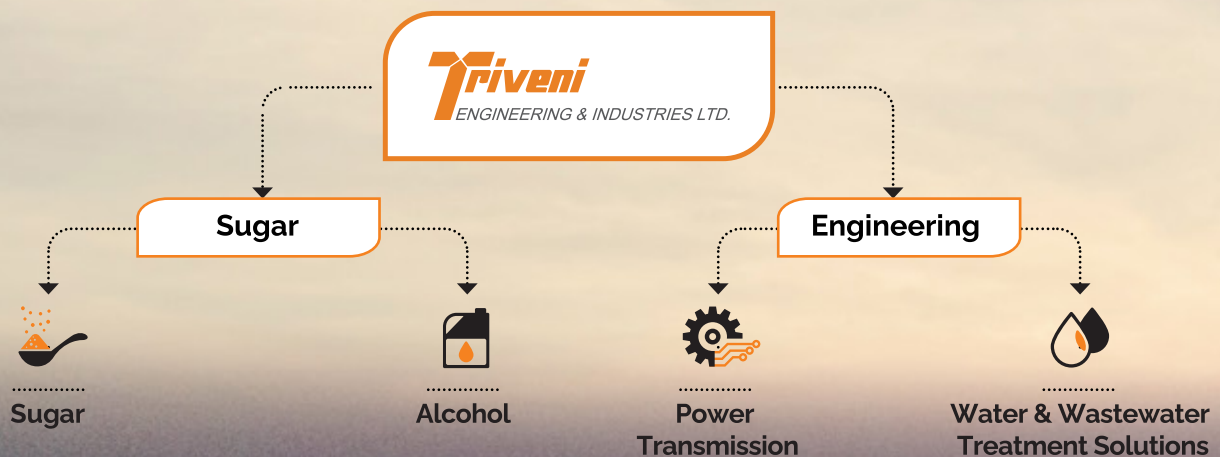
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## BUSINESS AT A GLANCE

Triveni Engineering & Industries Limited is a diversified, integrated and sustainable organisation, rooted in innovation, quality and customer-centricity. We are one of the largest integrated Sugar and Ethanol manufacturers in India. We also provide Power Transmission solutions and, innovative Water & Wastewater treatment solutions.







**21**

World-class facilities



**~335K**

Farmer associates



**>210K**

Hectare Area  
under Sugarcane



**860**

Kilo Litres Per Day (KLPD)  
Distillation Capacity



**>12,000**

Million Litres Per Day (MLD)  
of water treated



**>12,000**

High-speed gearboxes  
installed globally





## BUSINESS OVERVIEW



### SUGAR

- 7 FSSC 22000 certified sugar plants in U.P., India
- ~335K+ farmer associates
- >2,10,000 Hectare area under Sugarcane
- Multi-grade - Large, Medium and Small White Crystal Sugar, Refined Sugar, Raw Sugar (for export based on market dynamics)
- Refined sugar and pharmaceutical-grade sugar production, at 70% of overall sugar production
- 6 power generation plants with ~104.5 MW grid capacity



### ETHANOL

- State-of-the-art distilleries spread across Muzaffarnagar (MZN) – 2 facilities, Sabitgarh (SBT), Milak Narayanpur (MNP) and Rani Nangal (RNG) in Uttar Pradesh aggregating to 860 KLPD
- Flexibility of feedstock and product mix
- Products include Fuel-Grade Ethanol, Extra Neutral Alcohol (ENA), Rectified Spirit



### POWER TRANSMISSION

- 3 business segments – Gears, Defence, Built to Print
- 12,000+ high speed gearbox installations globally
- Among the largest engineered to order turbo gears manufacturers
- Unmatched world-class delivery time, reputation for reliability & product excellence
- Our Defence Portfolio: Propulsion Gearboxes and other critical gearboxes, Critical Turbo and Motor-driven Pumps, Gas Turbine Generators for auxiliary power, Fin Stabilisers, Propulsion system integration, propulsion Shafting



### WATER SOLUTIONS

- Leading solutions provider for efficient water management for industrial/municipal/urban applications
- 12,000+ Million Litres Per Day (MLD) of water treated
- Full range of innovative water/wastewater treatment solutions across all major water usage segments
- Customised, sustainable EPC solutions/services
- Efficient total water management across the water cycle

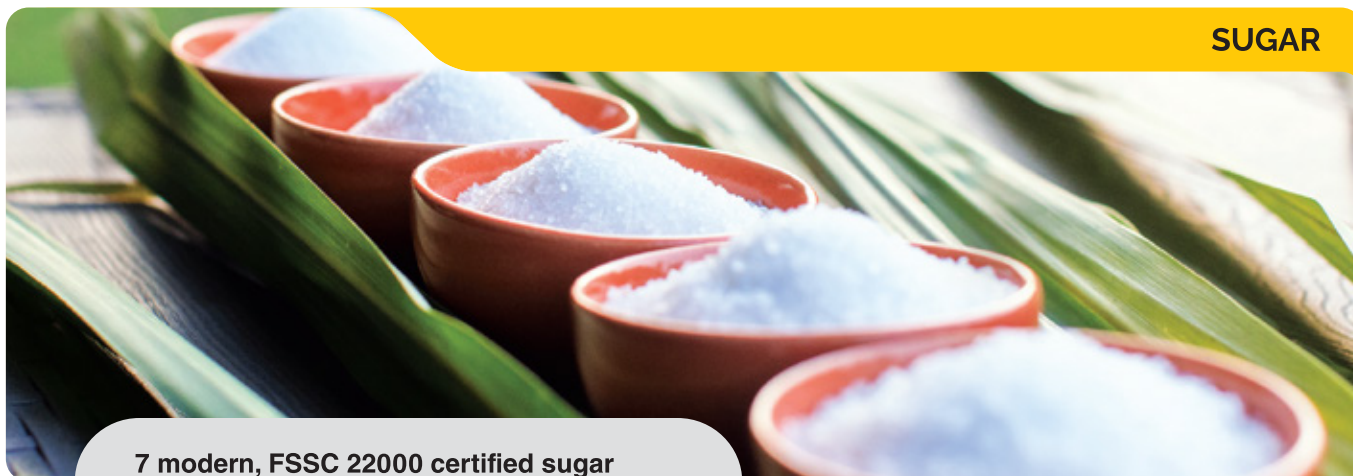


## SUGAR BUSINESSES

01 SUGAR

02 ALCOHOL

### SUGAR



**7 modern, FSSC 22000 certified sugar units in the sugar-rich belt of Uttar Pradesh**

### The TEIL Edge

We operate seven state-of-the-art sugar units, located strategically in the sugarcane-rich areas of Uttar Pradesh. The units are FSSC 22000 certified, with strict compliance to the most stringent quality benchmarks and best-in-class manufacturing processes.

#### We manufacture



Refined sugar for high-grade end users

Various grades of pharmaceutical sugar, which can be customised as per user requirements

#### We supply to



Multinational soft drink companies

Breweries

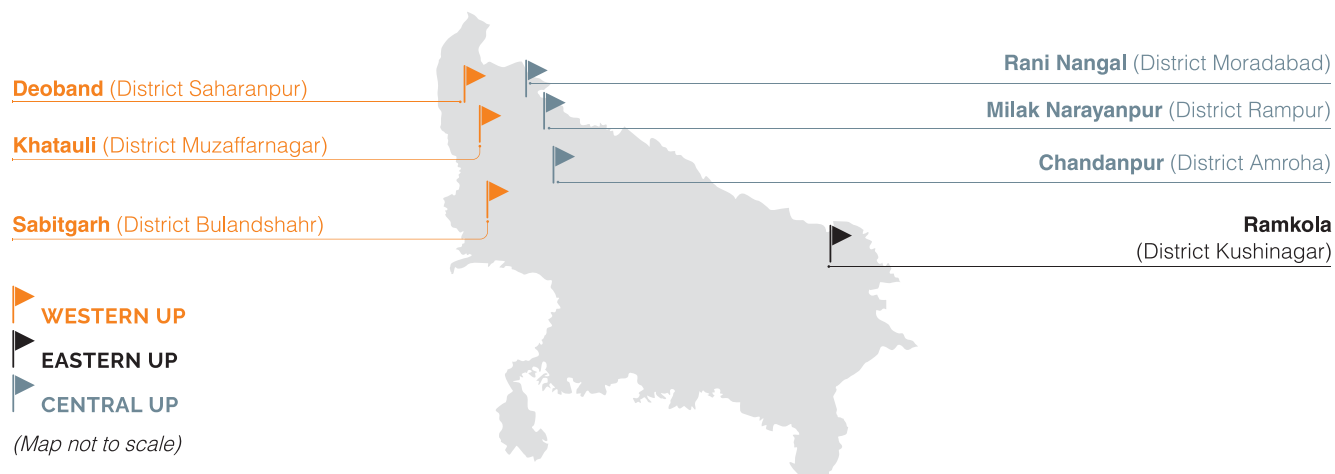
Dairies and ice cream producers

Confectionery manufacturers

Pharmaceutical companies

We also supply high-quality crystal sugar from some of our non-refinery units to large institutions, which fetches a premium for the Company.

### Strategic Manufacturing Presence





## TRIVENI BRANDS - FMCG DIVISION



**Triveni Brands currently constitutes Shagun Sugar, Triveni Sugar & the Private Label Sugar Business**

### 90 years of experience:

With 90 years of experience in sugar production and 7 state-of-the-art manufacturing facilities that are FSSC 22000 certified, we ensure that only the best quality products are delivered to our customers.

### Omni-channel strategy:

Our products will have a strong omni-channel strategy in place and we are committed to growing each business line/brand in a sustainable manner while keeping the customer at the center.

The mission of this business is to create sustainable, innovative and high-quality products that delight customers.

## Shagun Sugar

Shagun Sugar has been a staple for consumers with its high quality for years. We have further enhanced the product quality with **Defeco Remelt Phosphotation with Ion Exchange (DRPIE) Technology** to set yet another benchmark and meet the International standards.



No Added Sulphur



Ultra Pure



Double Refined



DRPIE Technology



European Union Standards



Quick Dissolve



Environment friendly



## TRIVENI BRANDS WHITE CRYSTAL SUGAR CONTRACT MANUFACTURING



We process and pack sugar for leading retail giants and modern trade organisations in India. We use the latest packaging processes that are fully automated which helps ensure the sugar is untouched by hand and adheres to the highest quality parameters. We use DRPIE Technology at our sugar plant which is India's Largest Backend Sugar Refinery. The sugar produced at our refinery also passes European Union Standards. Our commitment to high quality and innovation is only rivalled by our attention to detail to keep customers happy!

### Our Certifications

**FOOD SAFETY  
SYSTEM CERTIFICATION  
22000**



### Some of our USPs



**DRPIE  
Technology**



**No Added  
Sulphur**



**European Union  
Standard**

### Groups that trust us deeply

**Reliance Grofers BigBasket Big Bazaar Metro Adani Wilmar**

## Why we are the best in the Contract Manufacturing

- > Availability of all grades of sugar (raw material)
- > Online stitching machine with conveyor belts
- > History of success
- > Customization facility
- > Check weigher & metal detectors at all Critical Control Points
- > Adaptive & fast

- > Most modern printing/labeling techniques - Thermal Transfer Printers (TTP)
- > Competitive costing
- > India's only BRC (British Retail Consortium) certified state of the art sugar manufacturing facility
- > Online secondary bag printing machines

- > Dedicated client servicing
- > Focus on customer delight & long term relationships
- > Attention to complex details by a focused team
- > Strict adherence to QC norms above & beyond requirements
- > Storage on pallets and usage of electric pallet trucks

**As India's leading sugar producer, allow our economies of scale to grow your business!**





**5 ultra-modern distillery facilities at Muzaffarnagar, Sabitgarh, Milak Narayanpur and Rani Nangal, with an aggregate 860 KLPD capacity**

### Products

Fuel-Grade Ethanol

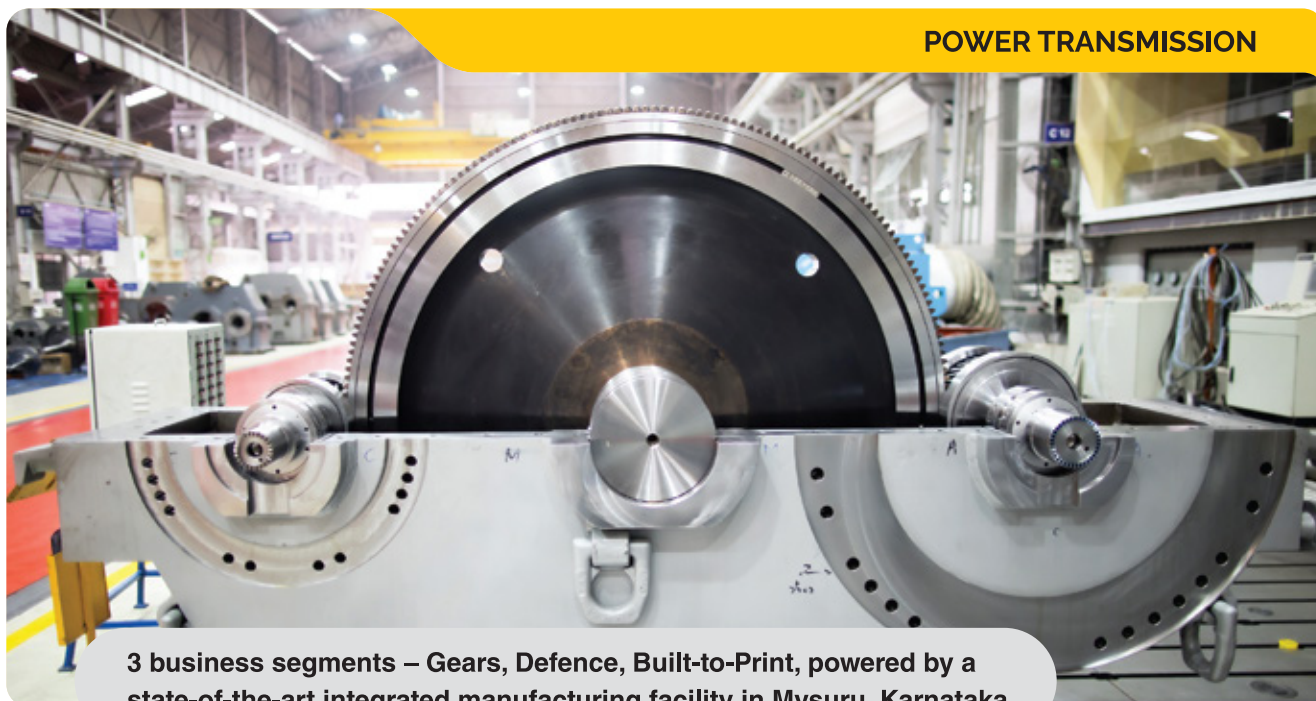
Extra Neutral Alcohol (ENA)

Rectified Spirit

### Key Highlights

- Among one of the leading alcohol producers in India
- State-of-the-art distilleries spread across Muzaffarnagar (MZN) – 2 facilities, Sabitgarh (SBT), Milak Narayanpur (MNP) and Rani Nangal (RNG) in Uttar Pradesh aggregating to 860 KLPD
- The Company utilises a mix of sugarcane-based feedstocks as well as grain
- Distillers Dried Grain Solubles (DDGS), a co-product produced on grain operations is also sold to premium Institutions and has been well accepted in market
- Flexibility of feedstock and product mix
- Bottling Indian Made Indian Liquor (IMIL) at the bottling facility at our existing distillery in MZN, to effectively use molasses reserved to be sold to country liquor units, and to facilitate forward integration of our distillery operations
- Strong Environment Health Safety compliances

## POWER TRANSMISSION



**3 business segments – Gears, Defence, Built-to-Print, powered by a state-of-the-art integrated manufacturing facility in Mysuru, Karnataka**

### Products

**For Power Transmission –** Gears & Gearboxes (including spares)

**For Defence –** Propulsion gearboxes and other critical gearboxes, critical turbo and motor-driven pumps, gas turbine generators for auxiliary power, propulsion system integration, propulsion shafting

### Key Highlights

- Among the largest engineered-to-order turbo gears manufacturers
- Exceptional delivery time, reputation for reliability & product excellence
- Strong focus on value engineering, high-quality manufacturing, R&D
- Expertise in reverse engineering & replacement solutions
- World-class technology, automation & digitalisation
- Strong associations & tie-ups
- Competitive cost integrated manufacturing operations
- Registered with Director General of Quality Assurance for Defence products

**12,000+**

High-speed Gearboxes installed globally

**1,200+**

Gearboxes of global brands refurbished

Dominant market player among the engineered-to-order turbo gearbox manufacturers in India

Preferred partner to domestic and multinational Original Equipment Manufacturers (OEMs) for gears / gearboxes

Reliable supplier to Indian Navy for propulsion shafting and turbo pumps, for its indigenous sub-surface project



## The TEIL Edge

We are among the largest engineered-to-order turbo gears manufacturers in India. We have a dominant domestic market share across OEMs, and are patronised by global OEMs across applications. We are also one of the few companies globally catering to AGMA & API standards and supplying gearboxes to hazardous and sub-zero temperatures. We are providing critical technology and engineered solutions on multiple fronts to Indian Navy and Indian Defence industry.

### We offer



High-power and high-speed gears, designed for steam turbines, gas turbines, compressors, pumps, blowers, and other special purpose industry applications

Niche low speed gearboxes for mini hydel turbines, steel mills, sugar mills, rubber mixers and extruders, cement mills, thermal plants, plastics etc.

Marine gearing solutions

Naval and defence products

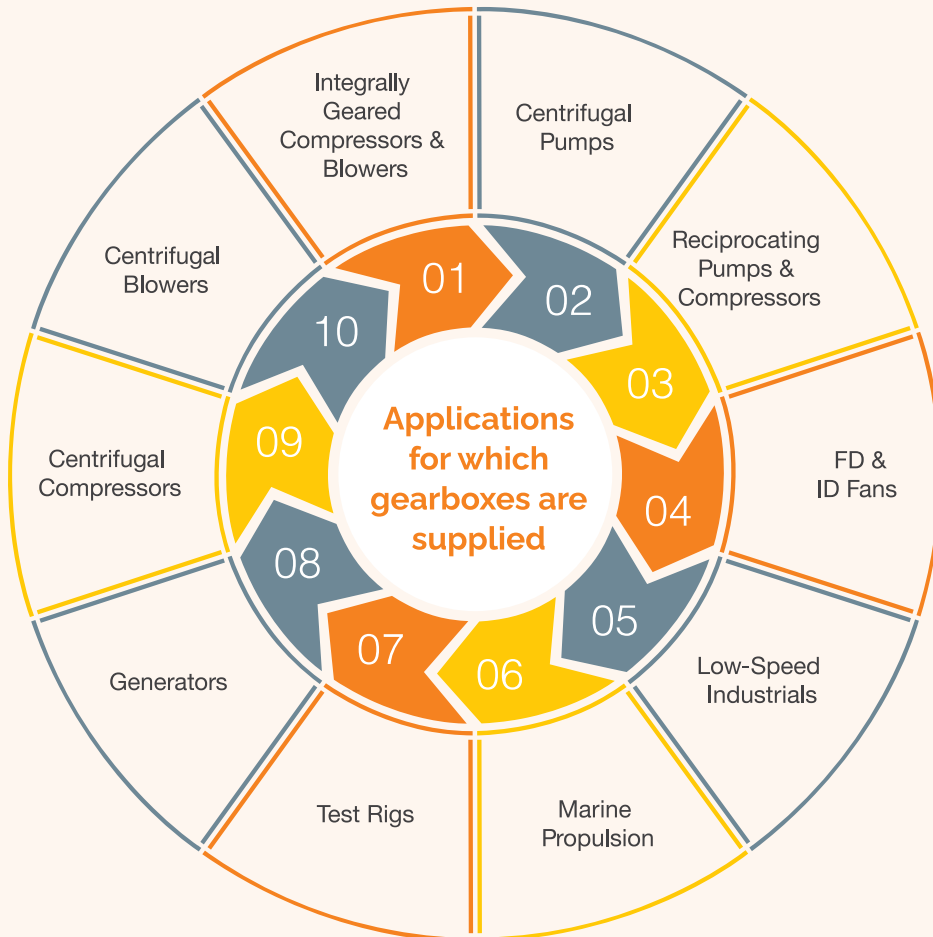
Spares and Aftermarket solutions

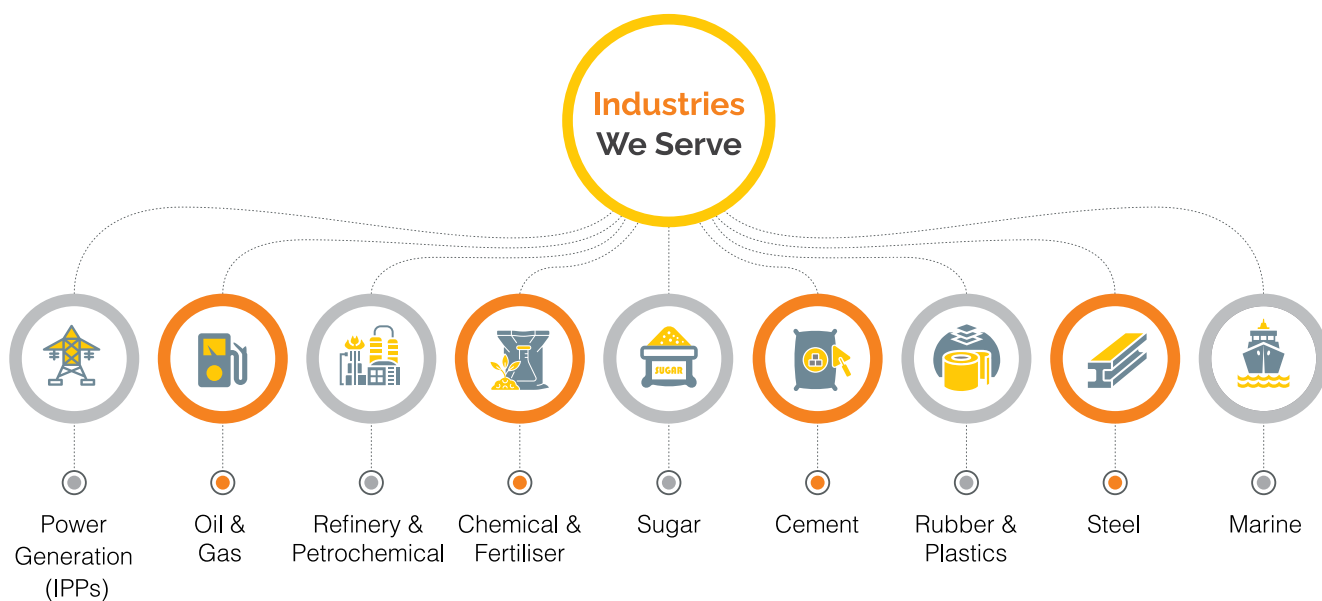
### Manufacturing prowess



Our integrated plant, located in Mysuru, Karnataka, is equipped with state-of-the-art infrastructure, and driven by operational excellence.

We manufacture high-speed gears and gearboxes up to 70MW capacity with speeds of 70,000 rpm, as well as Defence products and solutions for the Navy.





### Enabling OEMs Consistently

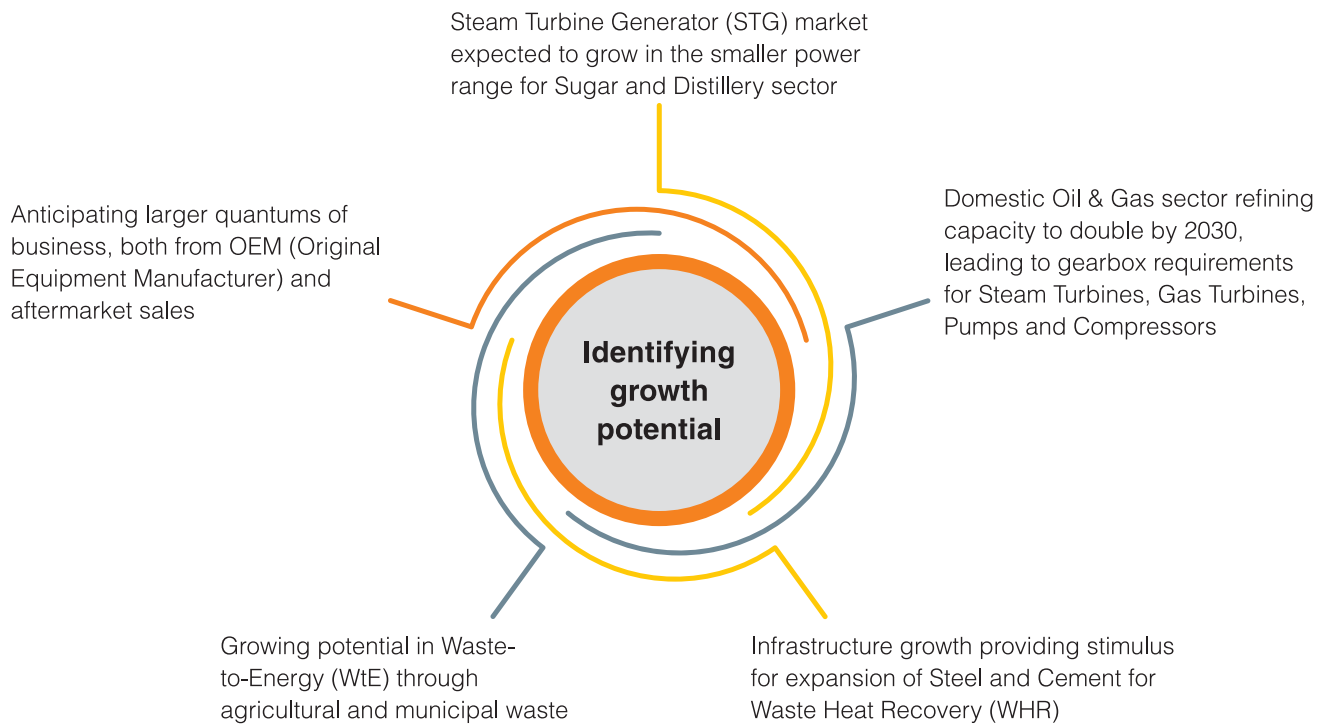
>50,000 MW globally installed gears capacity





Our Defence business has ventured into a specialised vertical of propulsion shafting post winning an order for Main Propulsion Shafting for sub-surface platform with in-house design & engineering. This would be a pioneering initiative aligned to the Atmanirbhar Bharat policy of Govt of India. The technology developed will enable participation in various other shafting projects for Navy.

## Responding to new opportunities



## Scaling presence in Aftermarket business

The Government's 'Make in India' initiative has created new opportunities for diverse engineering products, and our Power transmission business is actively participating in many of these indigenous projects. We have, over the years, developed expertise and experience as well as strong relationships in the Asian sub-continent, which should support our growth in the international markets, for not just new products but also for the aftermarket business. We plan to expand our service footprint in high potential international regions to capture high growth opportunities. The focus will be on leveraging our existing expertise and experience of retrofitting and troubleshooting of all global makes.

## Growing prospects in Defence segment

The key segments of Gas Turbines packaging, gearboxes and special application pumps are pushing growth in Defence. We are Indian Navy's chosen reliable supplier for propulsion shafting and turbo pumps, for indigenous sub-surface project. We are developing multiple product lines for Naval applications like Stabilisers, Light Weight Gearboxes, Propulsion Shafting & System, Steering Gear for a range of marine platforms, and Special Application Pumps. Our foray into a special vertical of propulsion shafting will pave the way for our participation in various other shafting projects for the Navy.

**Our R&D investments have helped in significant development of our technology competence in high-speed high-power gearboxes. We shall continue to focus on cost and quality leadership in the international markets.**

## WATER & WASTEWATER TREATMENT SOLUTIONS



Leading solutions provider for efficient water management for industrial, municipal, urban applications

We are committed to contributing sustainable solutions that lead to environmental protection with an enhanced quality of life.

### Advanced Solutions



Water Treatment



Water & Wastewater  
Network Management



Wastewater/Sewage  
Treatment



Desalination for seawater &  
brackish water



Recycle & Zero Liquid  
Discharge



Operations &  
Maintenance

### Key Highlights

- Wide range of innovative water/ wastewater treatment solutions across all major water usage segments
- Customised, sustainable EPC solutions/services
- Efficient total water management across the water cycle
- Track record of executing some of the largest projects in India

**12,000+ Million  
Litres Per Day (MLD)**

Water treated

**1,200+**

installations successfully operating  
across India

More than 100 projects in municipal and industrial areas successfully executed



Key Water Solutions supplied and commissioned across industries pan India



Intake Systems



Grit Separators



Skimmers



Screens



Clarifiers



Biological Treatment Towers



Sludge Handling Equipment

We have strong management and innovation skills in handling projects of any scale across sectors and regions.

### Industries Served



**Municipal WTP/STP**



**CETP/ZLD for  
Industrial clusters**



**Refineries**



**Steel Plants**



**Non-ferrous Industries**



**Oil & Gas**



**Thermal Power Plants**



**Hydro Power Plant**



**Sugar & Allied Industries**



**Coal**



**Sand Processing Plant**



**Desalination**





## The TEIL Edge

We offer complete Turnkey / EPC (Engineering Procurement and Construction) solutions for water and wastewater/sewage treatment. We also cater to the complete needs of water and wastewater collection and distribution networks, including their design, construction, operation and management.

### Our USPs

01

Our Design, Build and Operate water and wastewater treatment plants can be designed for on zero liquid discharge and reuse.

03

We offer operations and maintenance services for water and wastewater treatment plants.

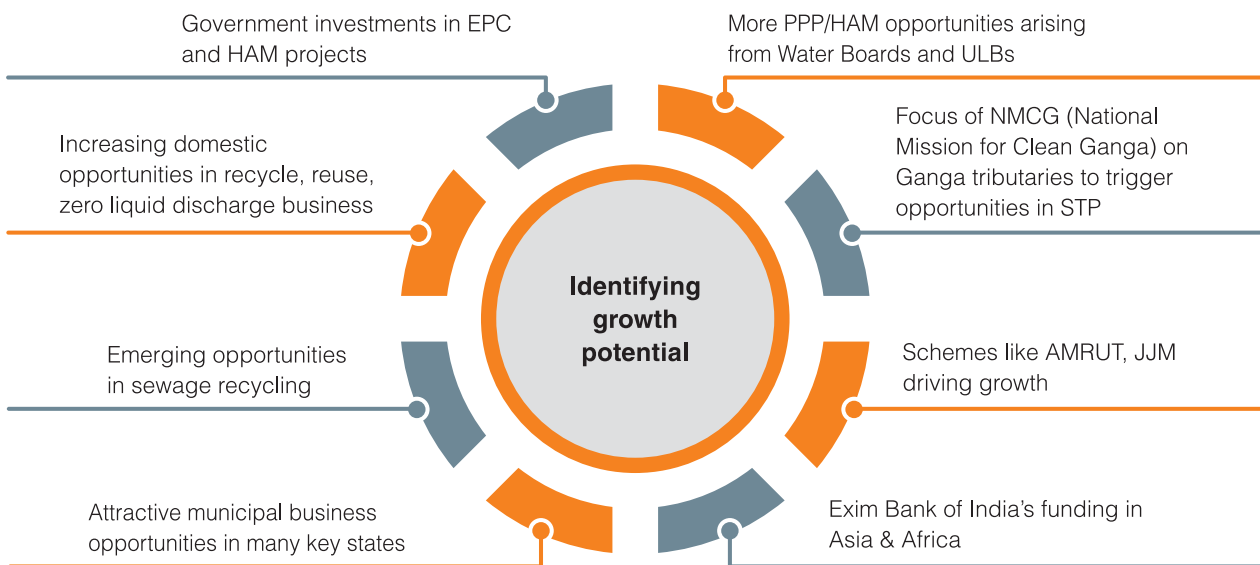
02

We manufacture equipment for the wide spectrum of Water and Wastewater Treatment industry.

04

We design, build and operate water and wastewater management systems on EPC/PPP (Public Private Partnerships) / HAM (Hybrid Annuity Model) / Build Own Operate Transfer (BOOT) models

## Translating possibilities into reality





## ESG FOCUS

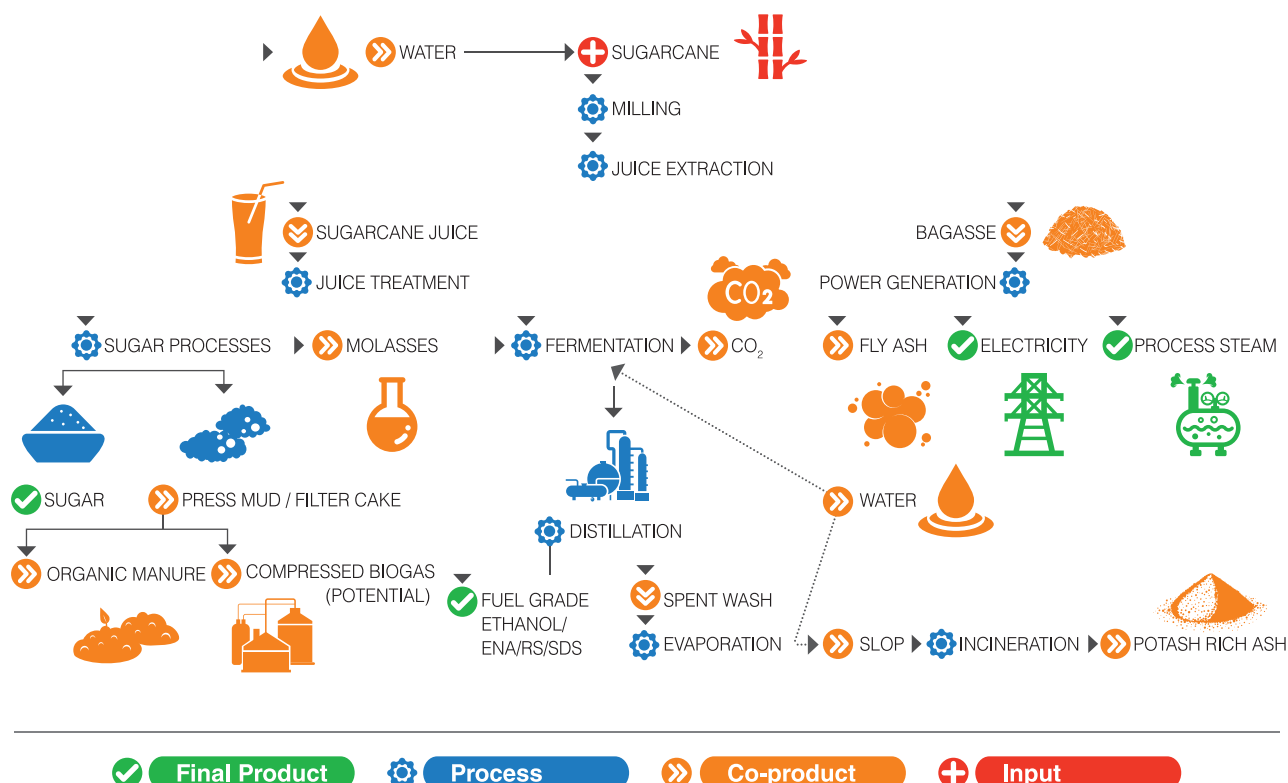
# Investing in the Future

We believe not only in capturing the current opportunities to drive business growth but also in investing in the emerging opportunities that will ensure sustainable future development. Our strategic approach is focussed on driving profitability while securing the planet for future growth.

A strong Environmental, Social and Governance (ESG) agenda is embedded in our business framework, and we continue to strengthen the same through targeted initiatives across our business segments.

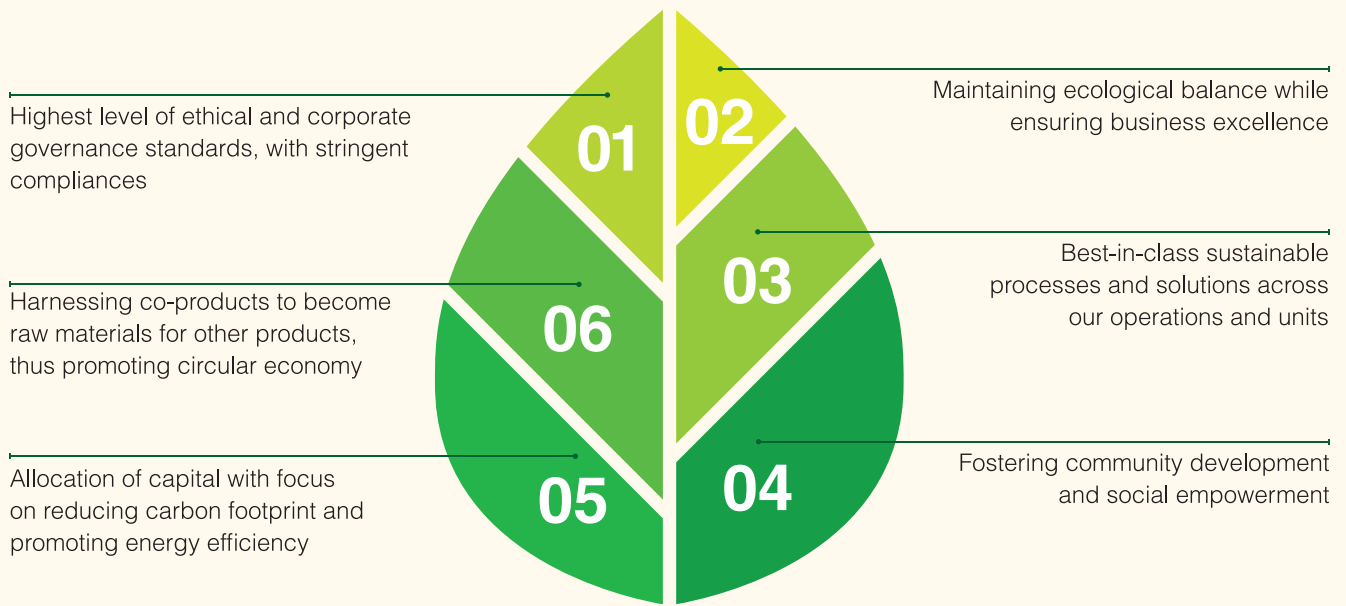


## AN ENVIRONMENT-FRIENDLY INDUSTRY WHERE WHAT WE TAKE WE GIVE BACK





## Our Multi-Pronged Approach to Sustainability



### ENVIRONMENTAL



- Environment conservation is a key element of our ESG focus.
- We strive to go beyond compliance to address the various risks that threaten the natural eco-system.
- We are cognisant of the importance of sustainable sourcing as a key driver of our environmental sustainability journey.

### SOCIAL



- Along with sustained economic performance, we believe in the importance of social stewardship.
- It is our continuous endeavour to strengthen our social relationships, including those with our customers, employees and the communities around our operations, to make a positive difference to their lives.

### GOVERNANCE



- We have in place a robust corporate governance framework.
- The framework is centred around the principles of integrity, transparency, fairness, responsibility and ethics.



## ENVIRONMENTAL

### Our environmental protection initiatives include:

- Power generation through bagasse, a renewable source of energy & co-product of sugar operations
- Utilising molasses for production of fuel ethanol, which lowers dependence on fossil fuels and leads to cleaner environment
- Reduction in effluents across air, water and ground, through investments in treatment plants, incineration boilers, etc.
- Leading water and wastewater treatment company with a nationwide presence
- Capturing CO<sub>2</sub> and potash-rich ash from Distillery operations to extract value and limit impact to environment
- Promoting R&D in water and wastewater treatment through CII Triveni water Institute
- Following best practices in recycling and promoting conservation of natural resources
- Supplying to a multitude of industries that use renewable sources of energy in power transmission
- In power transmission, R&D to promote lower losses and increase efficiencies
- Sourcing strategy, including vendor selection, based on sustainable requirements such that performance objectives are aligned with the Company

**Emissions under scope 1 & 2 are technically estimated to be negligible as we are mainly using renewable source of energy.**

### Sourcing Responsibly & Sustainably

Sustainable procurement is vital to integrating sustainability into the entire value chain of our business. We have strong relationships with our vendors and continue to partner them in their sustainability efforts.

Comprehensive sourcing strategy, which includes vendor selection based on sustainable requirements, to align their performance goals

Extensive and efficient arrangements to lower transportation for movement of raw material and products to reduce fuel emissions, pollution, associated costs

Seamless supply of bagasse for the co-generation plants, mainly from our own sugar units, leading to greater resource efficiency

Efficient arrangements and logistics services to transport cane from cane centres to the mill in a timely and cost-effective manner, thus preventing cane from getting stale

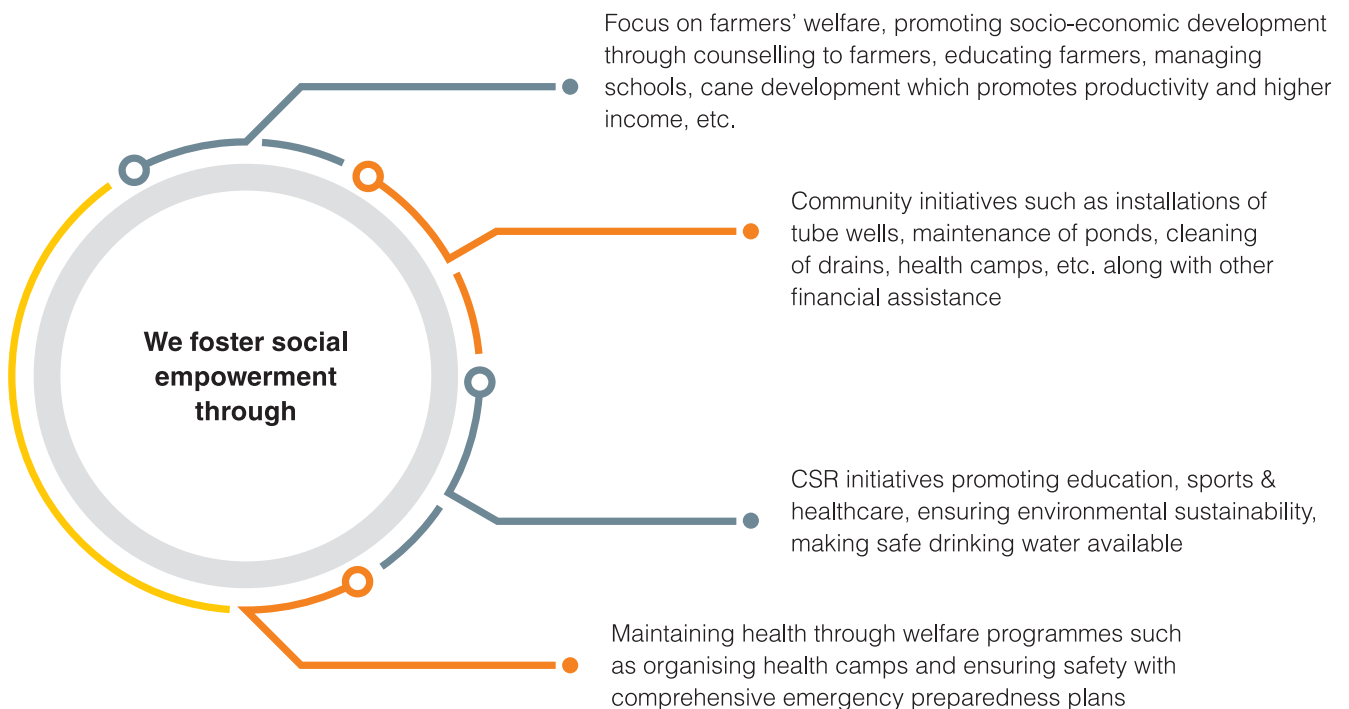
Deployment of digital tools, such as GPS, geofencing, etc., to track movement of raw materials such as sugarcane, molasses, etc. in a timely and cost efficient manner across units





## SOCIAL

**We continue to look at ways to make a positive societal difference for the community at large. Our community engagement efforts are centred around:**





## GOVERNANCE

**Our ethical and transparent governance framework encompasses the following elements:**

Diverse Board of Directors with broad-based functional and managerial competencies and experience

Visionary leadership skilled to identify and harness future opportunities with focus on sustainable growth

Highest ethical standards, backed by stringent compliances to the law, rules and statutory regulations

Professional & highly experienced management team, leading execution excellence

Accountability, transparency & fairness in business practices

Well-structured Enterprise Risk Management (ERM) policy

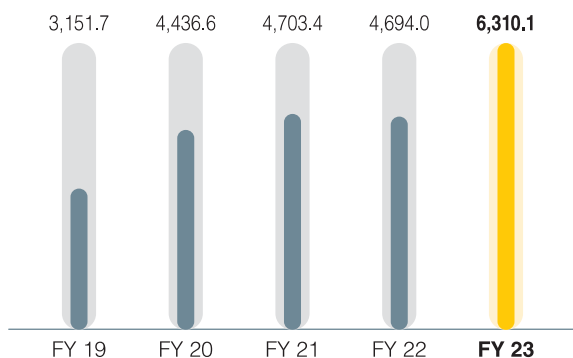




## Our 5-year growth trajectory

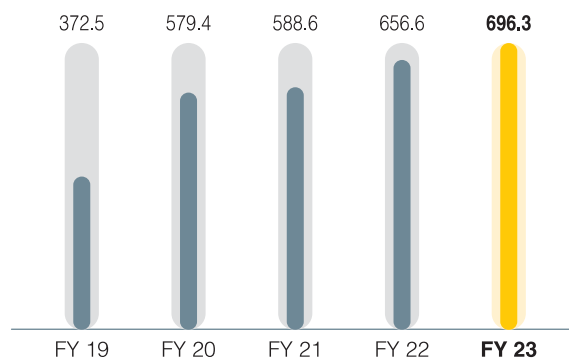
### REVENUES (GROSS)

(₹ in crore)



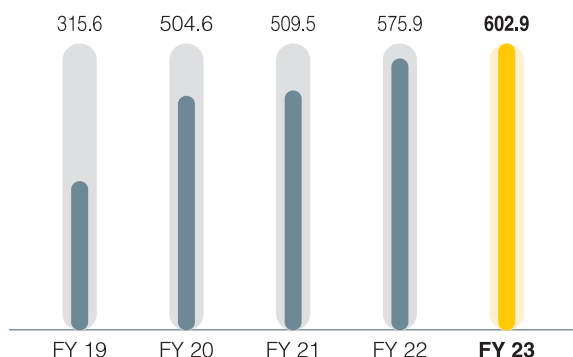
### EBITDA

(₹ in crore)



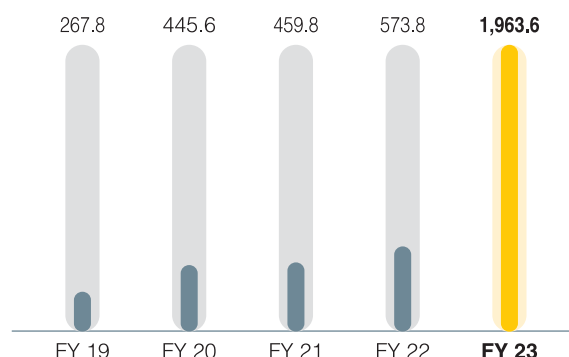
### EBIT (Before Exceptional items and Share of Net Profit of Associates)

(₹ in crore)



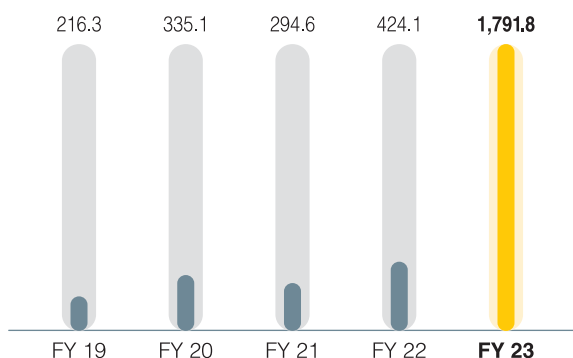
### PBT (After Exceptional items and Share of Net Profit of Associates)

(₹ in crore)



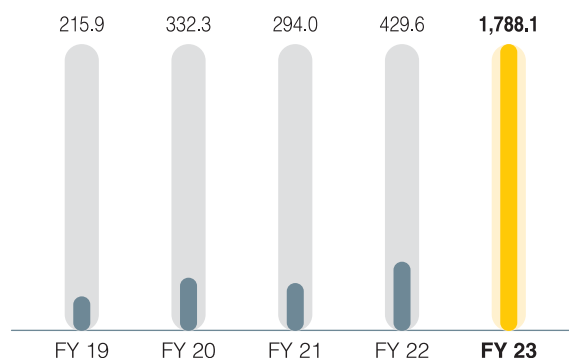
### PAT

(₹ in crore)



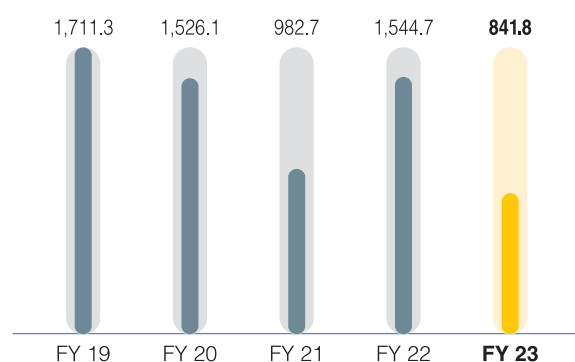
### TCI

(₹ in crore)



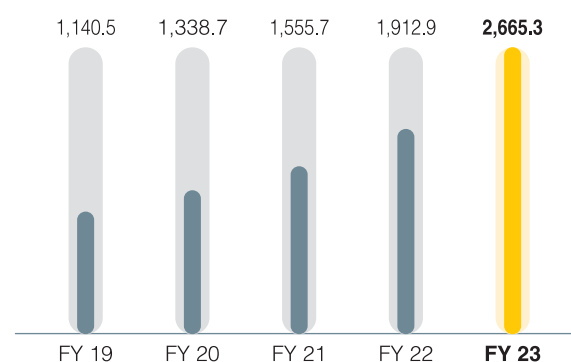
### TOTAL DEBT (Net of Cash & Cash Equivalents)

(₹ in crore)



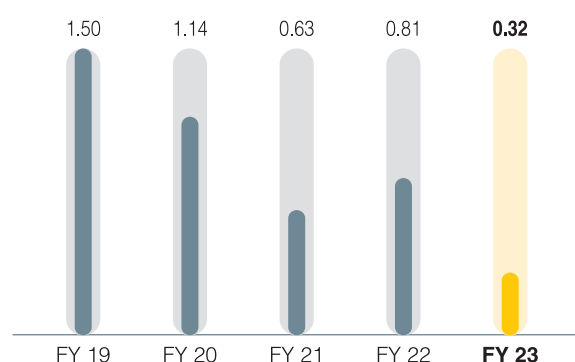
### SHAREHOLDERS' EQUITY

(₹ in crore)



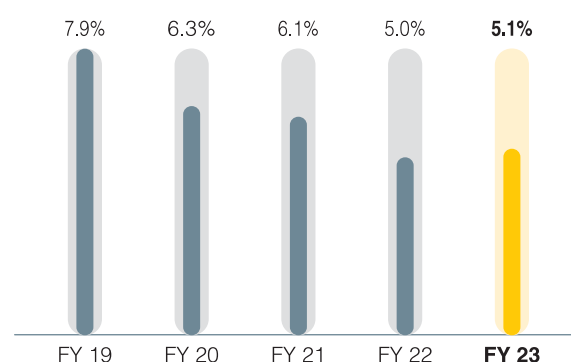
### TOTAL DEBT/EQUITY

(x times)

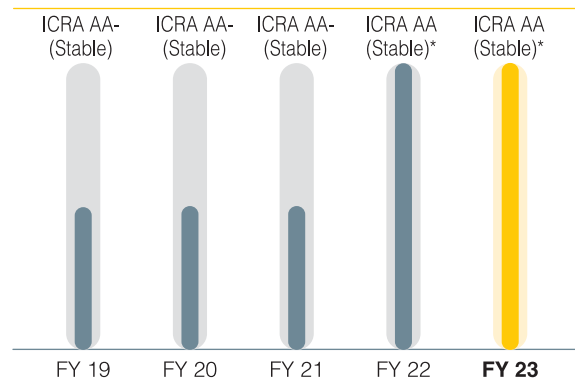


### AVERAGE COST OF DEBT (Standalone)

(%)

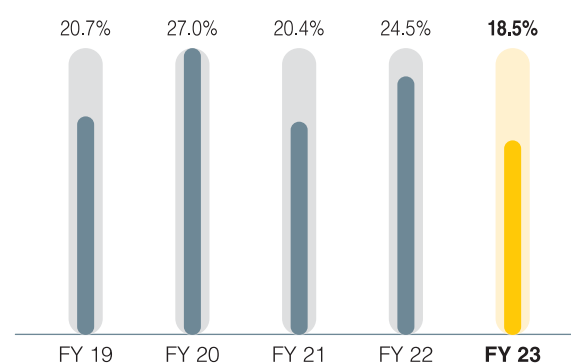


### LONG-TERM CREDIT RATING



### ROE

(%)

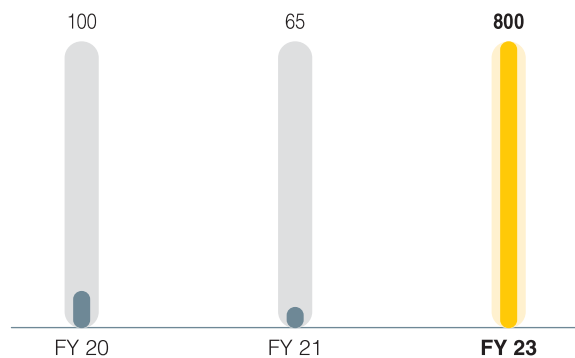


Note: \*Upgraded to ICRA AA- (Positive) on April 6, 2021 and further upgraded to ICRA AA (Stable) on November 23, 2021. Reaffirmed on March 24, 2023



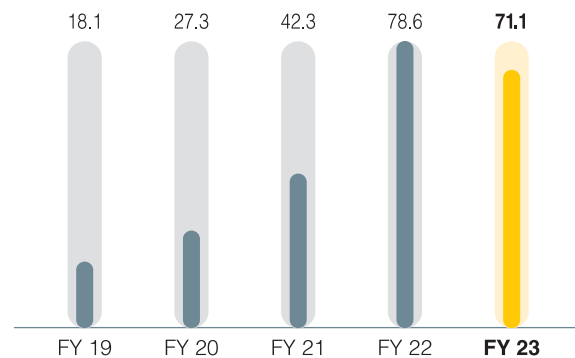
### BUYBACK OF SHARES

(₹ in crore)



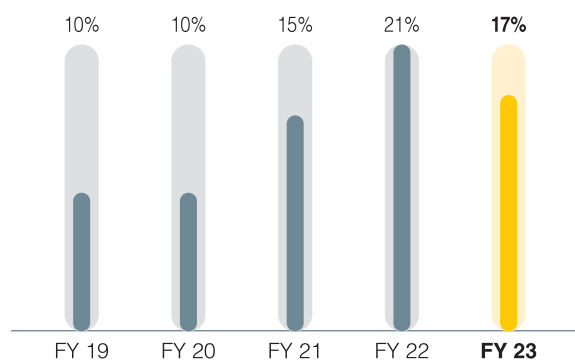
### DIVIDEND

(₹ in crore)



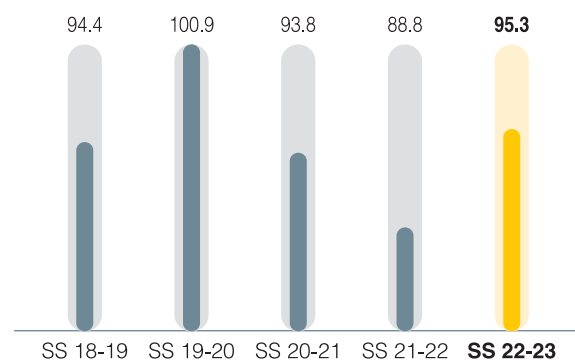
### DIVIDEND PAYOUT RATIO

(%)



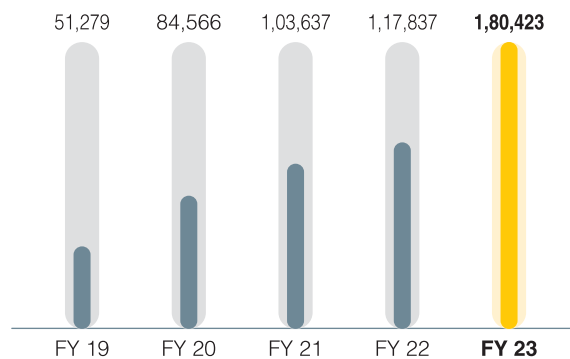
### SUGAR PRODUCTION

(in lakh quintals)



### ALCOHOL SALES

(in kilo litres)



## Important Contacts

### REGISTERED OFFICE

Plot No. 44, Block - A,  
Phase II Extension,  
Hosiery Complex,  
Noida - 201305, District -  
Gautam Budh Nagar,  
Uttar Pradesh  
STD Code: 0120  
Phone: 4748000  
CIN - L15421UP1932PLC022174

### CORPORATE OFFICE

'Express Trade Towers',  
8<sup>th</sup> Floor, 15-16, Sector - 16A  
Noida 201301, Uttar Pradesh  
STD Code: 0120  
Phone: 4308000

### KHATAULI SUGAR UNIT

Khatauli, District - Muzaffarnagar,  
Uttar Pradesh - 251201  
Phone: 8859108061-63

### DEOBAND SUGAR UNIT

Deoband, District - Saharanpur  
Uttar Pradesh - 247554  
Phone: 9759607000,  
9759608000

### RAMKOLA SUGAR UNIT

Ramkola, District - Kushinagar  
Uttar Pradesh - 274305  
STD Code: 05567  
Phone: 9936300473

### SABITGARH SUGAR UNIT

P.O. Karora, Tehsil Khurja  
District - Bulandshahar,  
Uttar Pradesh - 203129  
Phone: 9557794246

### RANI NANGAL SUGAR UNIT

Rani Nangal, Tehsil  
Thakurdwara  
District - Moradabad  
Uttar Pradesh - 244401

### MILAK NARAYANPUR SUGAR UNIT

Milak Narayanpur, P.O. Dadiyal  
District - Rampur  
Uttar Pradesh - 244925  
Phone: 9758400160

### CHANDANPUR SUGAR UNIT

P.O. Chapna, Tehsil - Hasanpur,  
District - Amroha  
Uttar Pradesh - 244255  
STD Code: 05924  
Phone: 267004/05, 7830220828

### CO-GENERATION KHATAULI

Khatauli, District - Muzaffarnagar  
Uttar Pradesh - 251201  
Phone: 8859108061-63

### CO-GENERATION DEOBAND

Deoband, District - Saharanpur  
Uttar Pradesh - 247554  
Phone: 9759607000,  
9759608000

### ALCO-CHEMICAL UNIT MUZAFFARNAGAR

Village Bhikki Bilaspur,  
Jolly Road, District -  
Muzaffarnagar,  
Uttar Pradesh - 251001  
Phone: 7895900631

### DISTILLERY UNIT SABITGARH

P.O. Karora, Tehsil Khurja  
District - Bulandshahar,  
Uttar Pradesh - 203129

### DISTILLERY UNIT MILAK NARAYANPUR

Milak Narayanpur, P.O. Dadiyal  
District - Rampur  
Uttar Pradesh - 244925  
Phone: 9758400160

### DISTILLERY UNIT RANI NANGAL

Rani Nangal, Tehsil  
Thakurdwara  
District - Moradabad  
Uttar Pradesh - 244401

### TRIVENI BRANDS

World Trade Centre,  
4<sup>th</sup> Floor, Sector 16,  
Noida - 201301  
Uttar Pradesh

### POWER TRANSMISSION BUSINESS

1,2,3 Belagola Industrial Area,  
Metagalli Post, K.R.S. Road,  
Mysore - 570016  
STD Code: 0821  
Phone: 4286501, 4286500

### WATER BUSINESS

Plot No. 44, Block - A,  
Phase II Extension,  
Hosiery Complex,  
Noida - 201305, District  
Gautam Budh Nagar,  
Uttar Pradesh  
STD Code: 0120  
Phone: 4748000



CIN-L15421UP1932PLC022174

8<sup>th</sup> Floor, Express Trade Towers, Plot No. 15 & 16, Sector 16-A, Noida - 201301, Uttar Pradesh

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