



we grow

we learn

we care

we pray

we play

we are
Team Trident

 **TRIDENTGROUP™**

We **ARE**

Trident is the world's largest terry towel manufacturer.

One of the largest state-of-the-art & integrated home textiles manufacturers globally.

Known for innovation, conscious manufacturing, and solid marketing mix.

\$3+ Bn

Business group

\$850 Mn

Total Revenue in FY-2022

36%

Y-o-Y Growth in Sheeting Segment



we stand **FOR**

OUR VISION

Inspired by challenge, we will add value to life, and together prosper globally.

OUR VALUES

To provide customer satisfaction, through teamwork, based on honesty and integrity, for continuous growth and development.

BHAGs- Big Hairy Audacious Goals



Bigger Targets

Achieving a revenue of USD 3 billion by 2025 with 12% (USD 360 million)



Digital Trident

Completing the journey of Industry 4.0 with smart people, smart technology and smart factories



National Brand

Stepping further in the journey of making Trident a household name in India

OUR **MISSION**

Energy-
50 MW



Chemical-
113,150 MT /year



Bathrobe-
**1.1 million
pcs/year**



Paper-
175,000 MT/year



Bed linen-
**9 million sheet
sets/year**

**Capacities being further increased*

Yarn-
165,000 MT/year

**Capacities being further increased*



Towels-
**360 million
pcs/year**

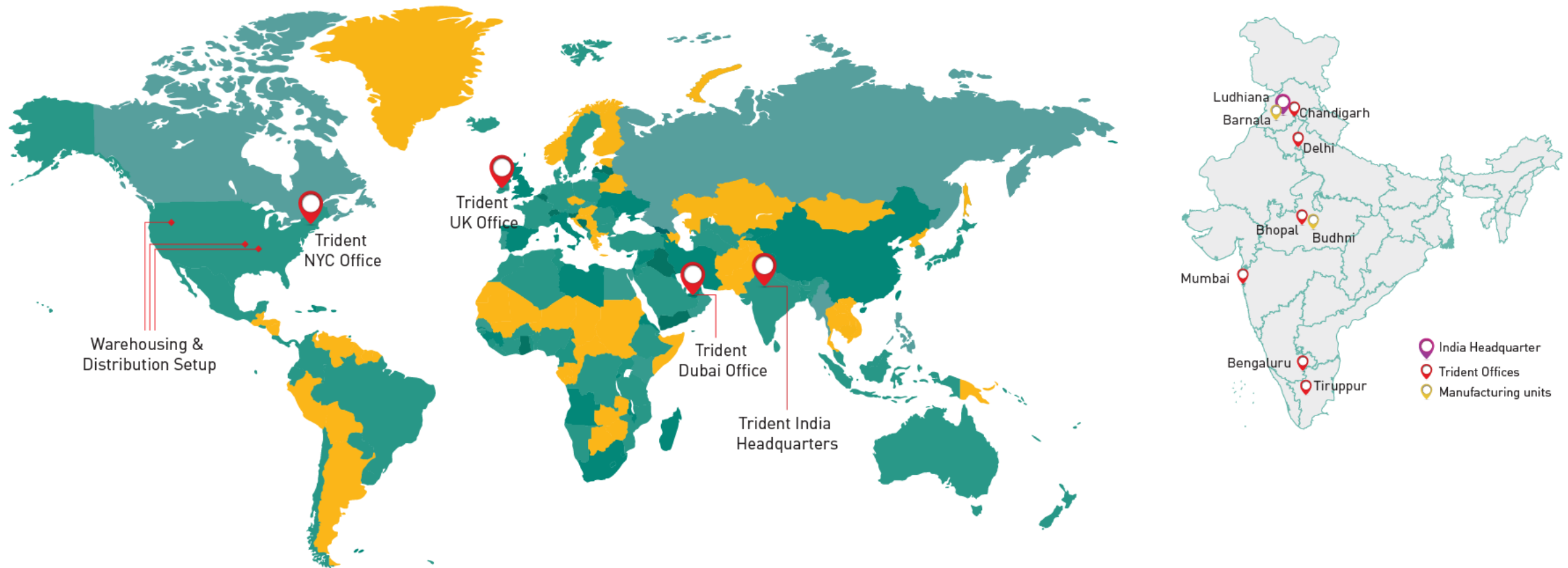
**Capacities being further increased*



what WE DO

A close-knit family

Together prosper globally



A trusted global supplier

Present in 100+ countries



Home Textiles Presence

33
Countries



Paper Presence

54
Countries



Yarn Presence

36
Countries

Offerings that make us stand out

Owned brands

Performance Collection



Wellness Collection



Sustainability Collection



Exquisite Collection



Fashion Collection



Melange Collection



Licensed brands



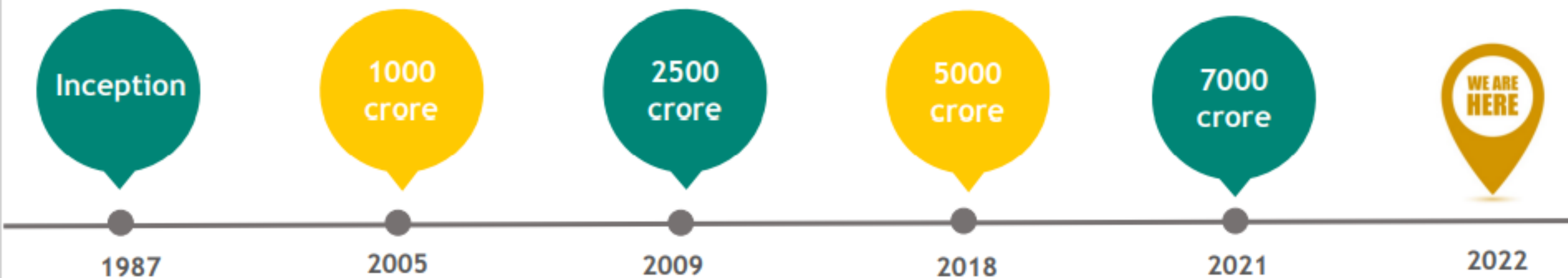
Beach Collection



E-commerce



Trident's Growth Journey



Growth 2025- *capex plans*

7 Capex Projects Worth \$900 Mn under implementation



TYB 8 & 9

- 190K spindles for an additional capacity of 65 tons/day
- Current capacity- 236 tons/day
- Planned capacity- 300 tons/day



Captive Power

- 16.3 MW of power plant
- Planned capacity of steam- 2160 tons/day



Sheeting

- Planned expansion of 110,000 Mtrs/day at Budhni split into 2 phases
- Current capacity- 120,000 mtrs/day
- Planned capacity- 230,000 mtrs/day



Towel

- Increase in Jacquard towel capacity
- Current capacity- 200 metric tons/day
- Planned capacity- 220 metric tons/day



Rugs & Carpets

- Planned capacity- 28Mn sq. mtrs (annual)



Chemical

- New sulphuric acid plant
- Current capacity- 310 tons/day
- Planned capacity- 610 tons/day



Paper

- Debottlenecking to increase in efficiency & capacity
- Current capacity- 460 tons/day
- Planned capacity- 490 tons/day

Socially conscious

- Impacted over **1 million lives.**
- Thoughtful intervention programmes for women empowerment, skill development, livelihood, environment, and more.
- Making quality **health care** accessible to all.



Diversity and inclusion

Women Empowerment:

- Impacted 11K+ women through health & hygiene initiatives

Hastkala

- Sewing centres in 5 villages providing handicraft training and impacting 200+ families.



Supporting communities

Uplifting the differently-abled

- Takshashila academy acts as a center of excellence for short, long term skill development impacting 10K+ youth.



- Sponsored education of 900+ Students
- Books and school supplies provided to more than 10K children



Prioritising health

Our heart beats for every living being

- Mega Medical Camps and Mobile dispensaries covering 3 lakh+ members.
- Madhuban Hospital, providing affordable healthcare services to 18080+ families



- 13070 patients provided ophthalmologist services



Protecting the planet

Healthy life for everyone

- Planted 2 lakh+ trees
- Provision of drinking water facilities to 18,500+ people.
- Refuse Single Use plastic Awareness to 5000+ families
- Toilets built for 2,000+ individuals to discourage open defecation



Making education accessible

Earn, Learn & Grow



- Constructed/Renovated 9 Schools and Anganwadi centers
- Adopted 3 special schools with 500+ students.
- Skill development training & workshops for deaf and mute adults— 20 retained as employees.

Environmentally *conscious*

we save water | **we save nature**
The Earth Collection

98%

Of water recovery
Zero Liquid Discharge System

10,000+ Million

Liters of water recycled and reused

Recovering Glauber's salt

Recovering Glauber's salt using our patented technology

9,00,000+

Planted over 9,00,000 trees

540 MT/Annum

Total amount of landfill reduction

1,00,000+ MT/Annum

Carbon Footprint Reduction

20 MWp

Solar Power Plant with capacity of
20 MW installed

Protecting, renewing and restoring our precious resources

Weaving a sustainable tomorrow

Family of **17,000+** members working together to touch **over 1 million** lives and reducing the impact of **climate change**.



Water

- Removed over **100 MT** waste from Narmada river over the period of 3 years.



Energy

- Our current, as of 2022, renewable energy consumption is **25%** using solar power plant.
- By **2025**, we aim to use **50%** renewable energy.



Soil

- Over **0.9 million** trees planted to reduce the impact of climate change.
- Endeavouring to take the number of trees planted to **1.5 million** trees by **2025**.



Glauber's Salt

- Using by-product of our ETP plant, Glauber's salt, as a major component to produce **150 MT/ month** of Tri-Safe washing powder.

TRI-safe
Washing Powder

Smart factory

Latest technology set



SECTIONAL WARPING



FULLY AUTOMATIC YARN MACHINE



WIDE WIDTH AIRJET LOOMS



AUTOMATED STORAGE & RETRIEVAL SYSTEM

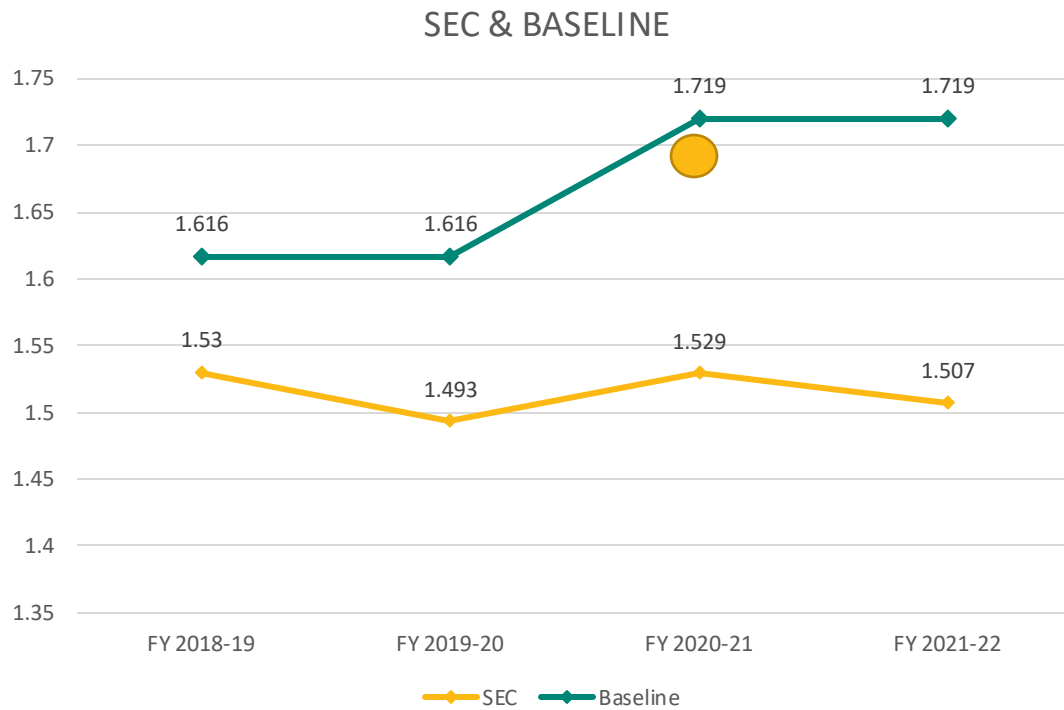


YARN DYEING CAPACITY



CONTINUOUS DYEING MACHINE

PAT & TRIDENT



Sheeting Plant added to PAT SCHEME in 2020-21.

PAT Cycle III

Trident (TXT0137MP) was notified in PAT Cycle III

Target

The set Target for Trident was 1.5579 TOE/Tonne.

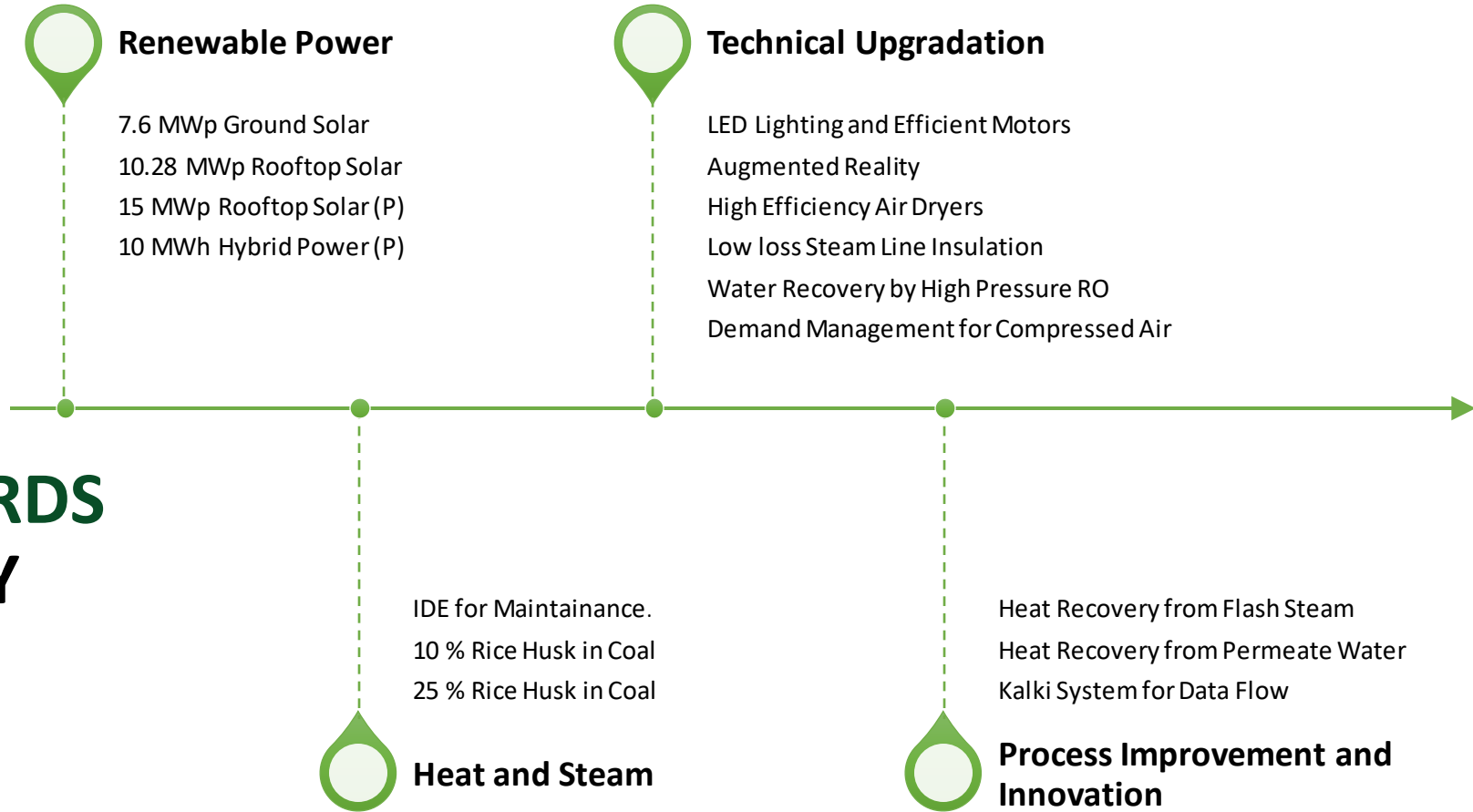
Achievement

Trident achieved Specific consumption of 1.493 TOE/Tonne

E-Certs

Trident Earned 2566 Efficiency - Certificates.

JOURNEY TOWARDS SUSTAINABILITY



Section-wise Savings



Electrical Savings

- 17.81 MWp Solar Plant
- Savings by Energy Efficient Lighting.
- Savings by using VFD to Optimize Load.
- Savings by using IE-3 and IE-4 Motors.

01



STEAM

Steam Savings

- Savings on Steam Line Insulation.
- Flash steam Heat Recovery .
- Heat Recovery from Hot Water

02



recycle

Water Savings

- 7 Initiatives
- 3.87 Lakh kWh/Year
- Equivalent 34.56 TOE

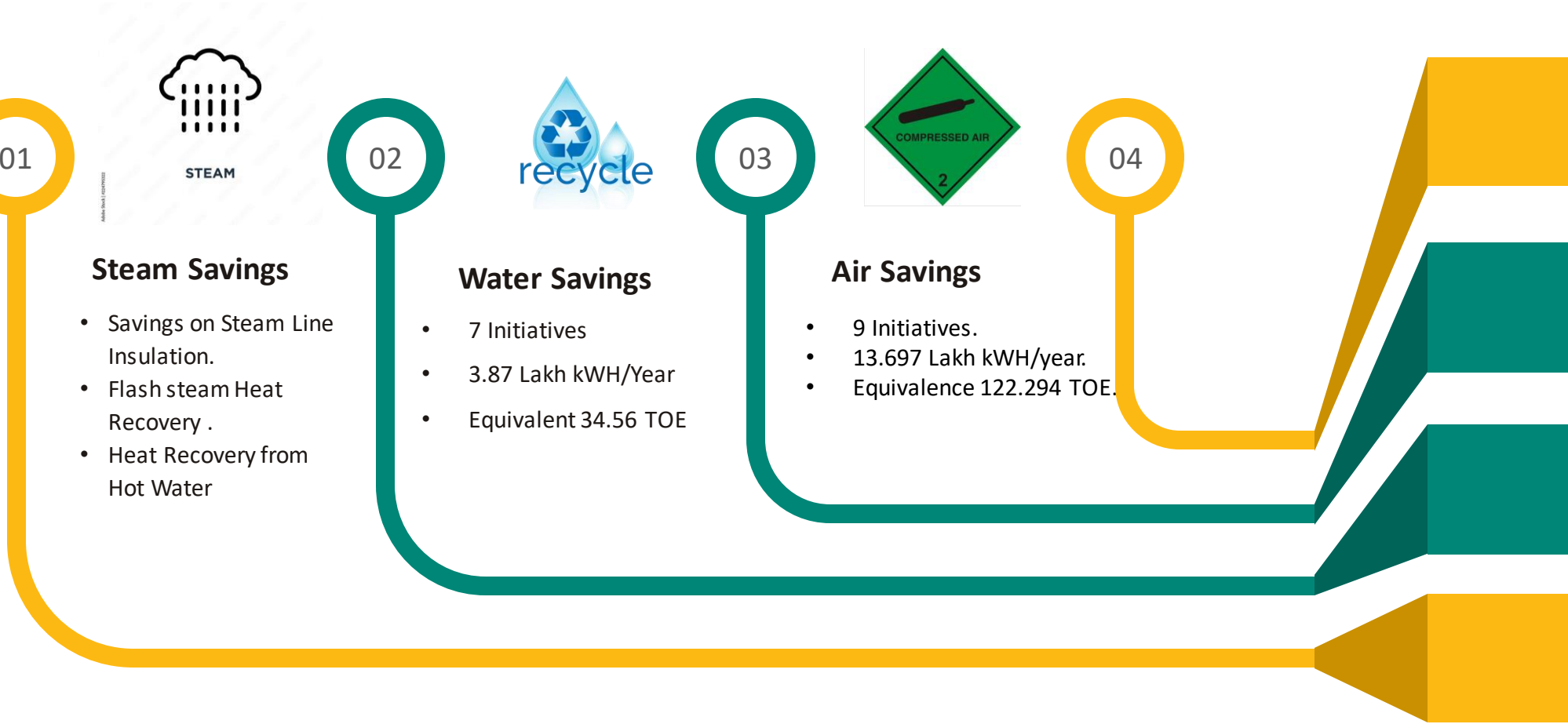
03



Air Savings

- 9 Initiatives.
- 13.697 Lakh kWh/year.
- Equivalence 122.294 TOE.

04



17.81 MWp Solar Plant



SOLAR POWER

- 7.6 MWp Ground Mounted Solar
- 10.21 MWp Rooftop Solar
- 15 MWp Rooftop Solar in Pipeline.
- Hybrid Power

Current

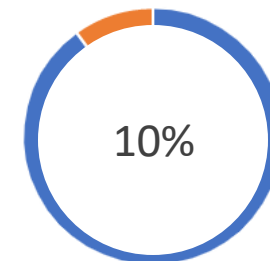
8% of Daily Power from Renewables

Future

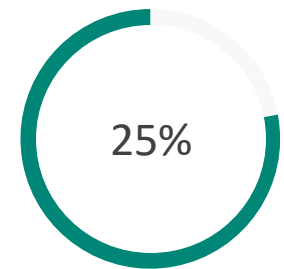
25 % of Daily Power from Renewable

BIOMASS BLENDING

10% Rice Husk is mixed with Coal and then fed to boiler to achieve optimum heat at lower CO2 Emission.



Rice Husk mixed in Coal (Current)



Rice Husk mixed in Coal (Future Plan)

POWER INITIATIVES



LED Conversion

Nos :- 14028 LED

Saving :- 227331 kWh

Equivalent :- 20.2974 TOE/
211.4 TCO2



VFD and Motors

Nos :- 47 VFD

Saving :- 1449150 kWh

Equivalent :- 129.388 TOE/
1347.7 TCO2



IE-4 Motors

Nos :- 35 IE-4

Saving :- 3663758 kWh

Equivalent :- 327.121 TOE/
3407.2 TCO2

STEAM INITIATIVES

Steam Line Insulation

Conversion of Rockwool Insulation to Ceramic Blanket
Insulation 1.5 km Steam line to reduce temperature loss by 10%.
2.09 Tonne Coal
4.012TCO2



FLASH STEAM RECOVERY

14 SOPPPU Pumps
24 Tonnes Coal
46.04 TCO2

MAX FUEL EFFICIENCY

O2 Analyser to achieve Optimize Fuel

Consumption

139 MT of Coal

266.8 T CO2



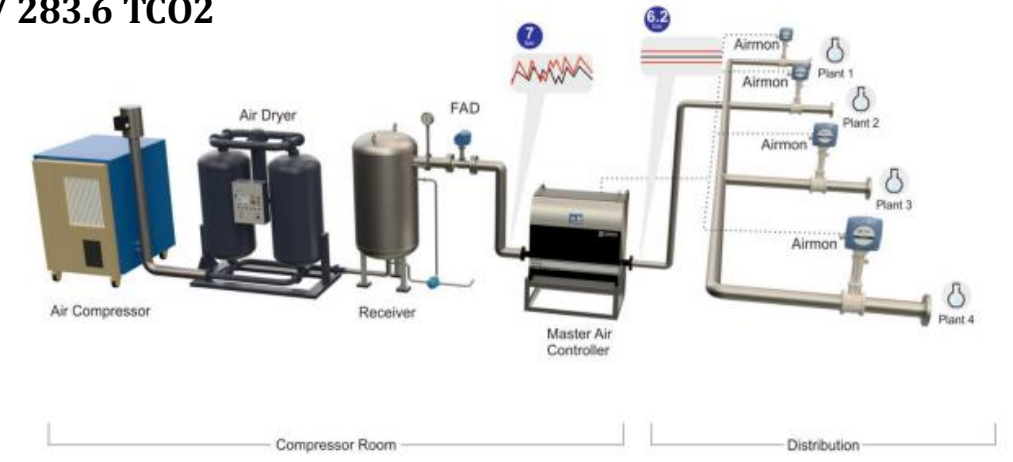
AIR INITIATIVES

9 Initiatives

13.697 Lakh kWh/year
 Equivalence 122.294 TOE/ 12738.21
 TCO₂

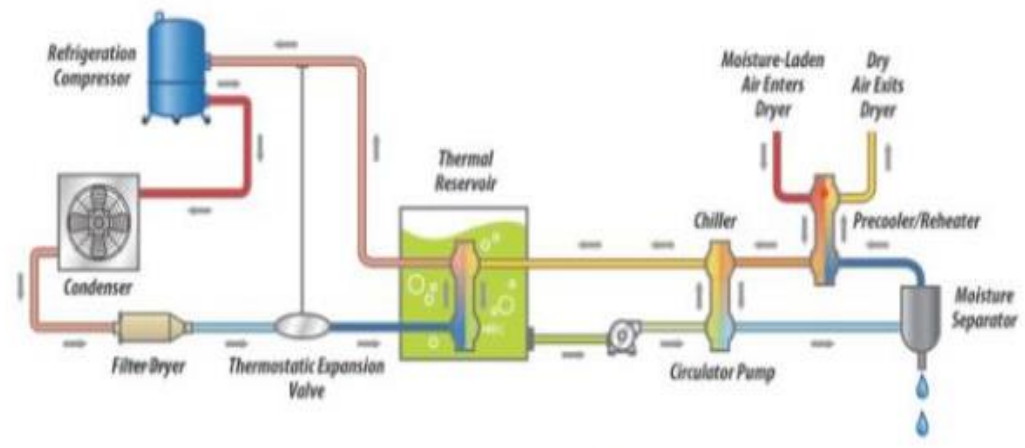
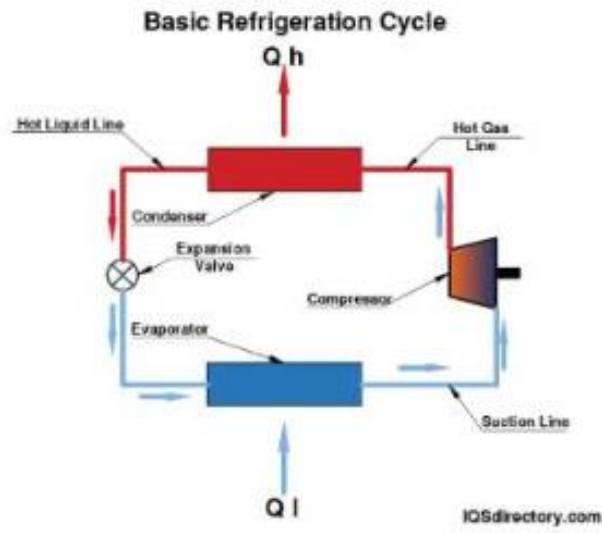
Artificial Demand Control by MAC

3.05 Lakh kWh/year.
 27.232 TOE/ 283.6 TCO₂



Conversion from Refrigeration Dryer to Shell and Tube Dryers

3.29 Lakh kWh/year.
 29.375 TOE/ 305.9 TCO₂ .



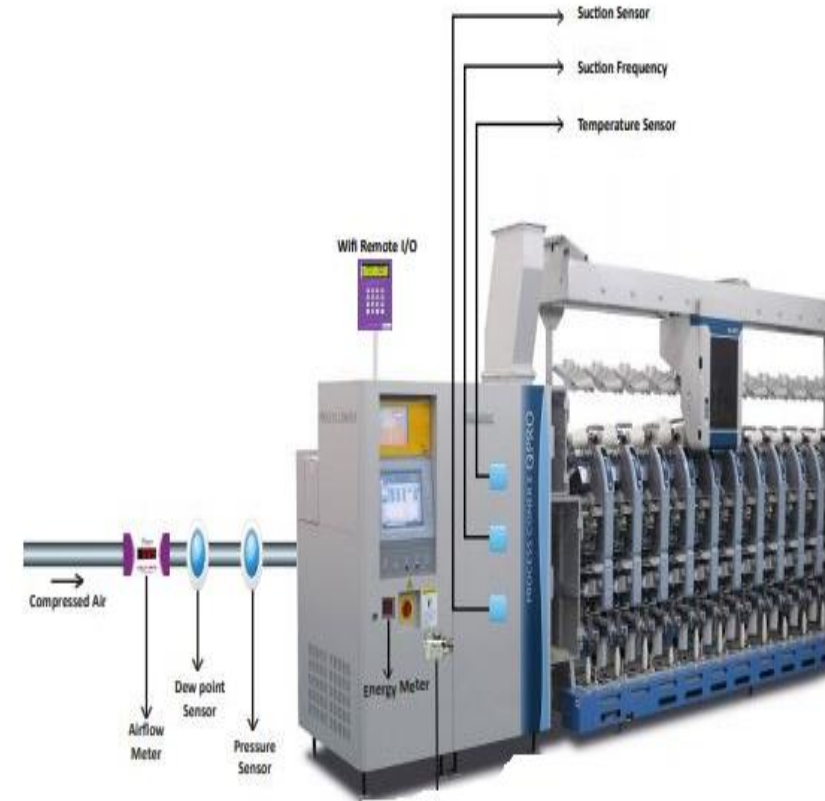
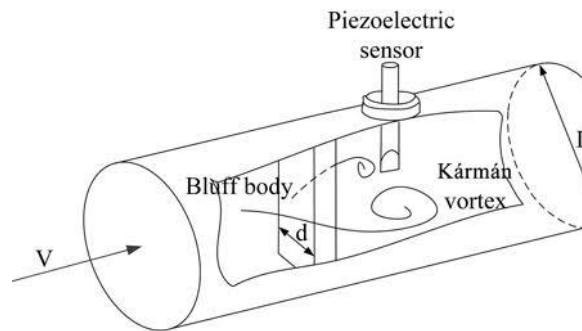
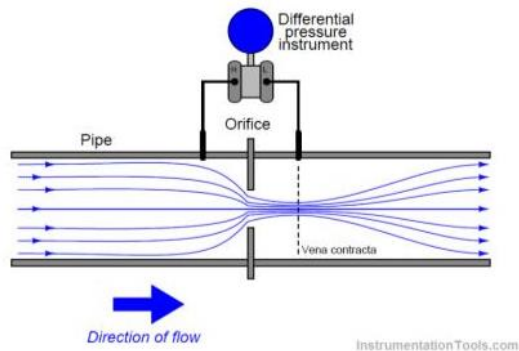
Compressed Air and Pressure Monitoring System.

Energy saving through eliminating the individual machine leakage

4288 kWh/year/machine

41 Machines

Equivalence 5729.45 TOE/ 59678.02 TC02



Vortex Flow Meter

Pressure drop from 0.25 bar to 0.1 bar

3.32 Lakh kWh/year

29.642 TOE/ 308.76 TC02

WATER SAVING

7 Initiatives

3.87 Lakh kWh/Year

90 MT Coal

65.56 MTOE/ 532.7 TCO₂



5 Stage RO

Multi-Stage High Pressure RO System

10% reduction (.011 to .010)

331 T Steam/66.2 MT Coal

31.42 MTOE/ 127.09 TCO₂

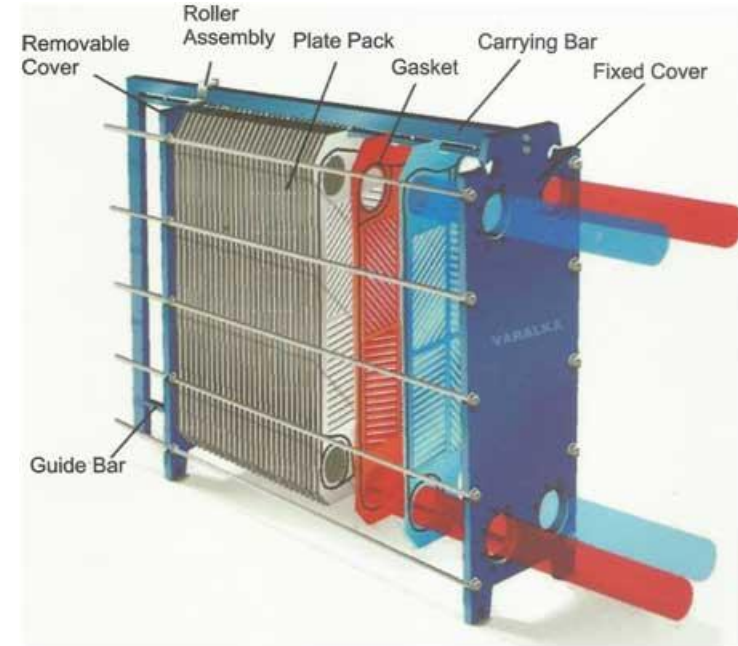


Water Re-cycle

Recycling wastewater after filtration on mercerier machine

46 K kWh/year

4.107 MTOE/ 42.78 TC02



Water Pre-Heating

Water heating by using wastewater.

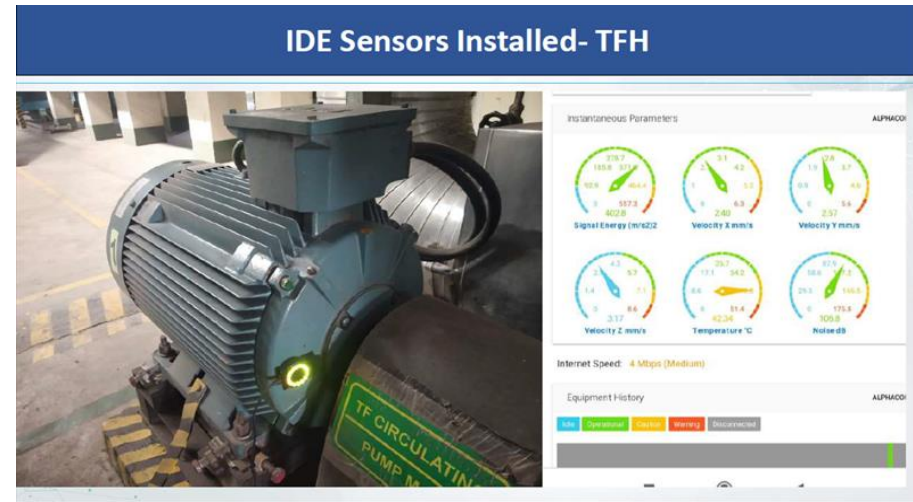
20 K kWh/year and 24 MT Coal

13.205 MTOE/ 64.67 TC02

Advanced Tools



Ultrasonic Inspection for Electrical Breakers



Smart Vibration Analyzer



EMS Dashboard



Thermal Imager

Augmented Reality



Remote Support - Engineers can remotely assist field service operators and offer just in time performance support
On Site Support - Operators can have both hands free to fix a machine and are able to perform their job freely.



Thank You

Now, let's talk!

