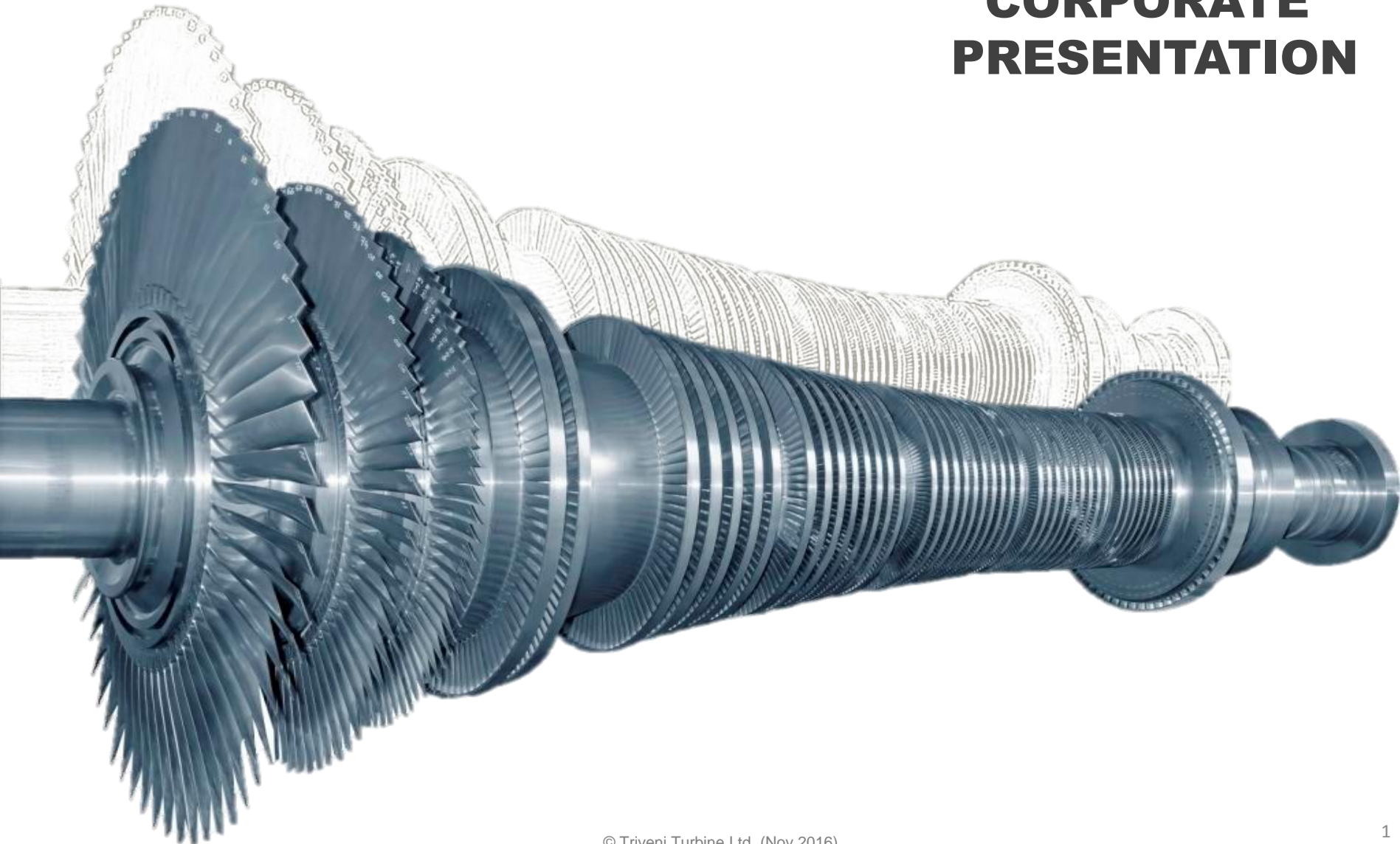
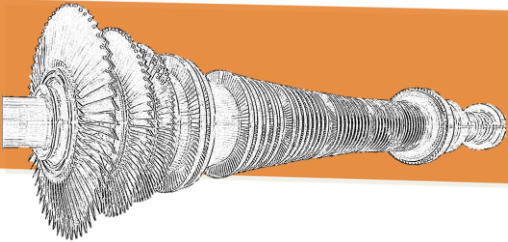


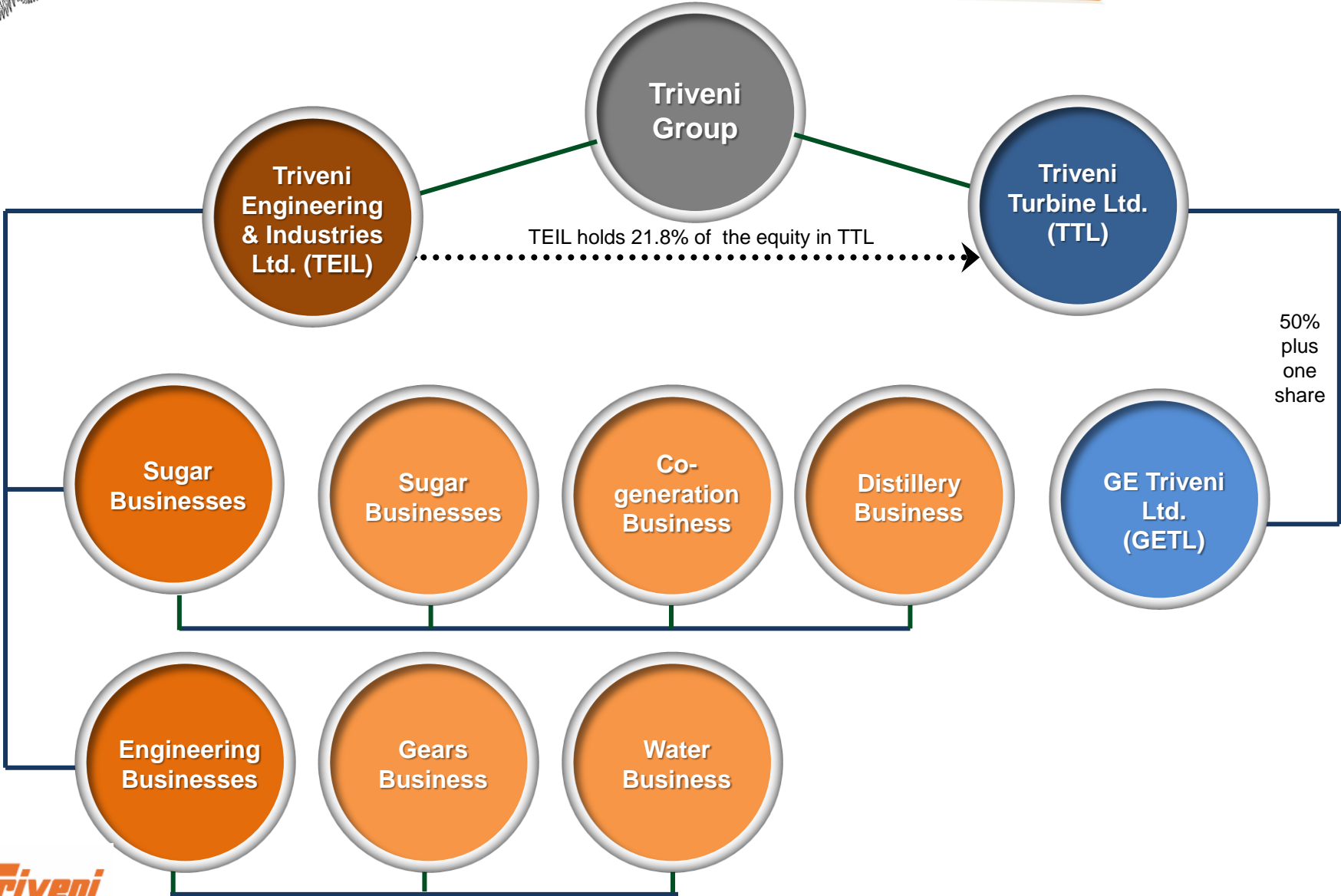


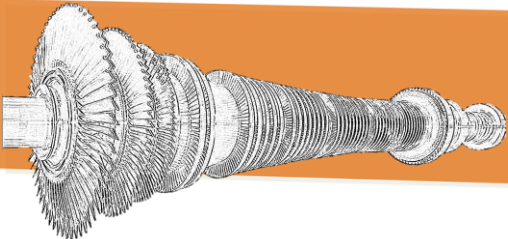
# CORPORATE PRESENTATION





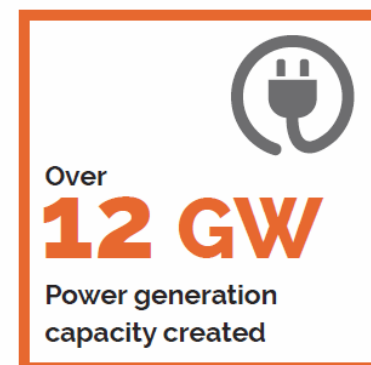
# Triveni Group

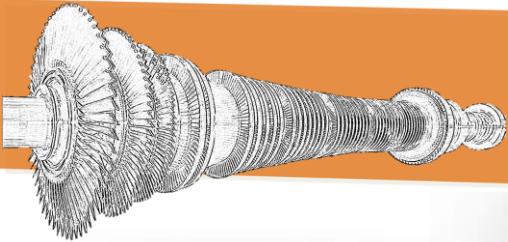




# Triveni Turbines Factsheet

- One of the world's largest manufacturers of steam turbines up to 30 MW range for providing industrial & renewable power solutions
- Market leadership position in India, with around 60% market share for a decade
- Listed in NSE & BSE, two major stock exchanges in India
- Joint Venture with General Electric, GE Triveni Ltd, with majority stake for the range above 30 MW to 100 MW



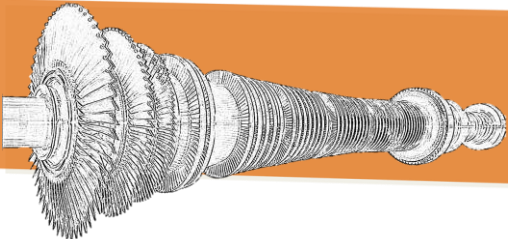


# Global Footprint



CAGR of 35% in Export sales in past 5 years





# Reliable & Robust Steam Turbines

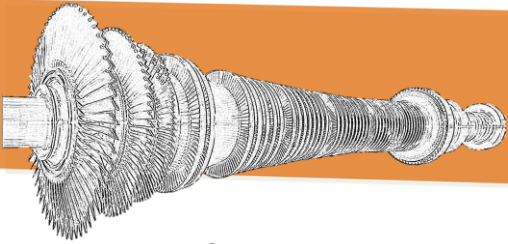
Robust back-pressure and condensing steam turbines up to 100 MW that work across a wide range of pressure and flow applications

Upto 30 MW -

Condensing Steam Turbines	Back Pressure Steam Turbines
Straight Condensing Type Extraction Condensing Type Bleed Condensing Type Injection Condensing Type	Straight Back Pressure Type Extraction Back Pressure Type Bleed Back Pressure Type

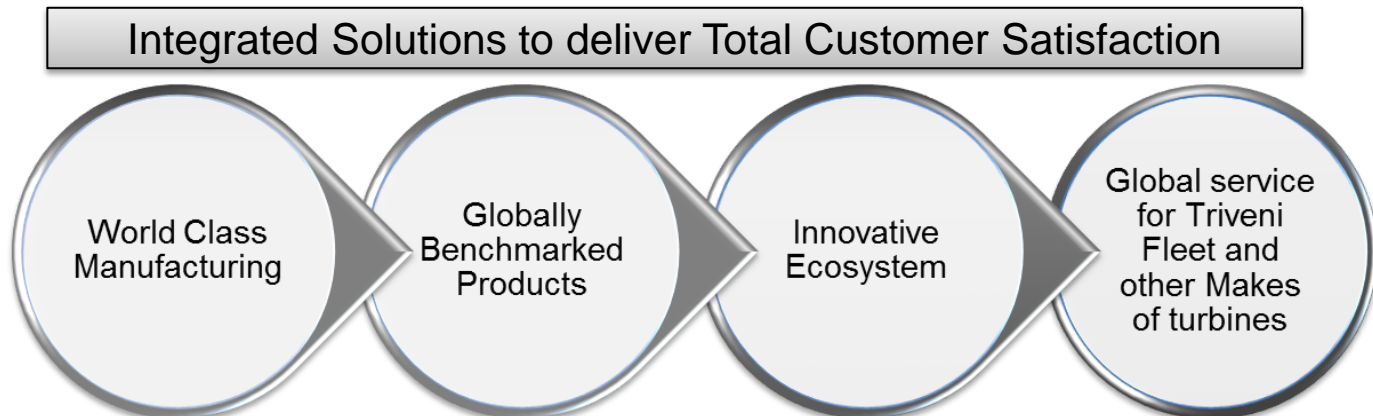
Upto 100 MW -

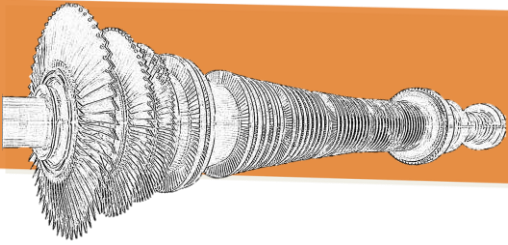
Condensing Steam Turbines	Back Pressure Steam Turbines
Uncontrolled Extraction Controlled Extraction	Uncontrolled Extraction Controlled Extraction



# Focused on Value Creation

- State-of-the-art manufacturing facility equipped to provide manufacturing of critical components, assembly, testing and refurbishing services
- Latest design tools and software to deliver innovative solutions to our customers
- Continuous product development by deploying cutting edge technology and leveraging extensive knowledge base of domain experts
- Products meeting the most stringent international quality standards - API, ASME, AGMA, NEMA, IEC, CE/PED Mark among others
- Unique combination of the latest equipment, a highly skilled team and OEM expertise to provide a Comprehensive Range of Customised Service Solutions
- Deliveries to site comparable with manufacturers from Europe, Japan and Brazil





# Industries & Applications



**Sugar**



**Palm Oil**



**Biomass Power**



**Distillery**



**Oil & Gas**



**Cement**



**Paper**



**Textile**



**Waste to Energy**



**Food**



**Chemical**



**Steel**



**IPP – Barge Mount**

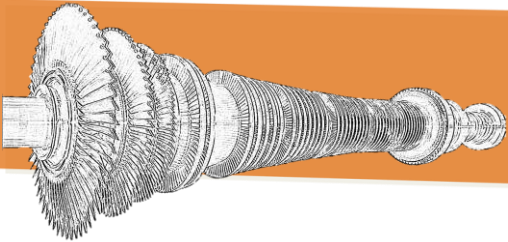


**Carbon Black**



**District Heating**



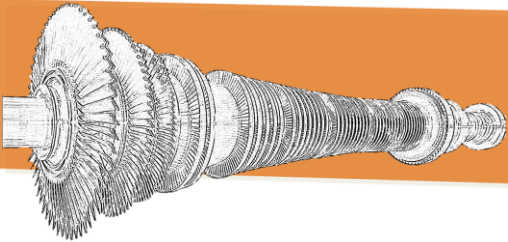


# Manufacturing Excellence

Manufacturing facility is equipped with:

- An array of 4 axis and 5 axis Vertical Machining Centres and Horizontal Machining Centres for machining of blades
- Mill-turn centre for machining of rotors; CNC gantry and CNC VTL for casing machining to high accuracies
- Latest software applications like Integrated CAD/CAM for seamless manufacturing of turbine parts
- Zeiss Co-ordinate Measuring Machines (CMM) for precision measurements of critical components
- Assembly-cum-test beds for assembling steam turbines from start to finish and recording the test results on a wireless Data Acquisition and Display System
- High Speed Vacuum Balancing Machine for balancing rotors
- CNC Coordinate Measurement Machine; Turbine no load steam test facility
- GHTM Goratu Turn Milling Machine for Rotors above 30 MW for the GETL range of products





# Quality Assurance

Our products meet the most stringent International quality standards:

Ultrasonic Test

Thermal Stability Test

Natural Frequency Test

ISO 9001  
QMS & ISO  
14001 EMS  
standards

Magnetic Particle Test

Sound Level Measurement

Alignment Check

IEC, BS, API,  
NEMA, DIN,  
ASME, CE,  
PED, AGMA,  
TEMA, HEI

Radiography

Profile Measurement Through CMM

Full Speed Mechanical Steam Run Test

Zygo Test

Low Speed Dynamic Balancing

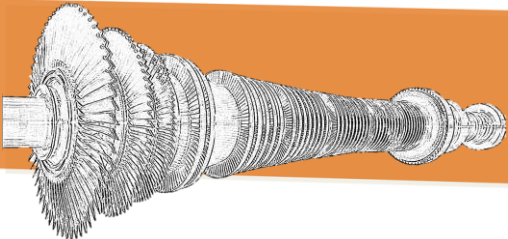
Governor Response

Casing Hydro Test

Full Speed Vacuum Tunnel Balancing

Vibration Measurement

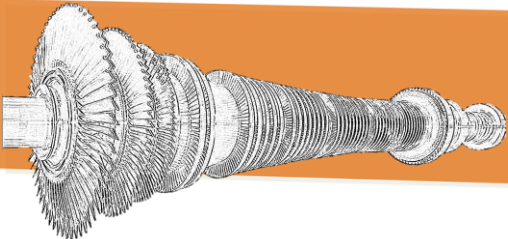
Industry  
Best Practices



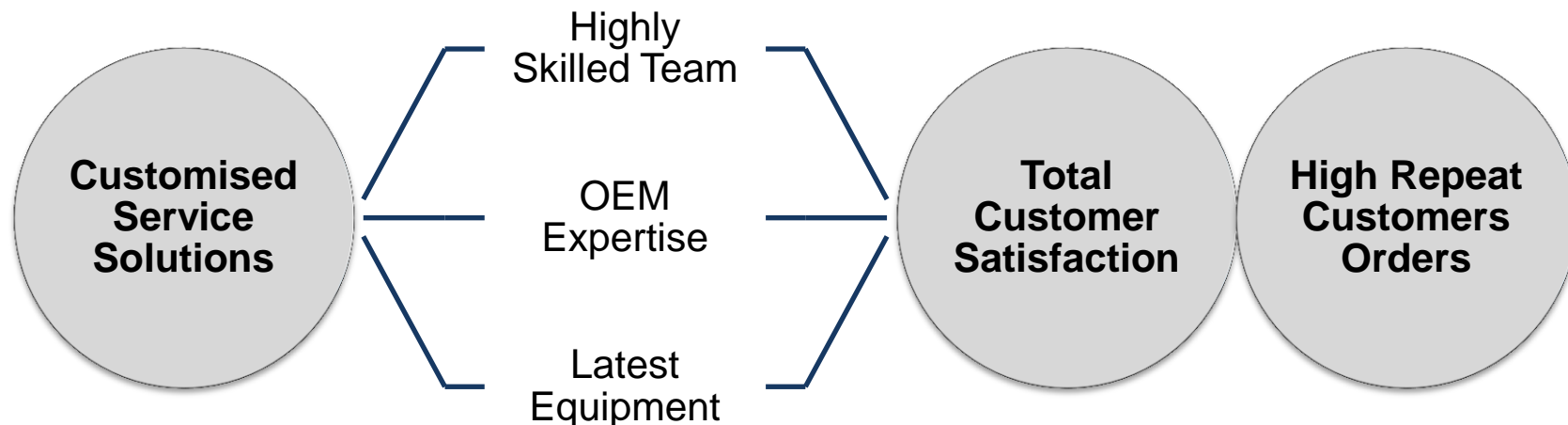
# Higher Sustained Efficiency

Continuous value engineering help us to deliver products designed to meet customers' requirements for economic installation and operation

- Strong design team supported by consultants and domain experts
- Association with globally acclaimed turbo-machinery design houses
- Innovative designs delivering maximum performance and higher efficiency
- TTL has filed total 182 IP filings till Sep 30, 2016.
- Innovative product development concepts such as design to cost, QFD, FMEA techniques, DOE
- Deploy Latest computer aided design and engineering software for continuous product development
- The R & D advanced product program has commercialized over 50 models/ variants
- The Company won the prestigious National Intellectual Property Award 2016 for "Top Organisation in Design"

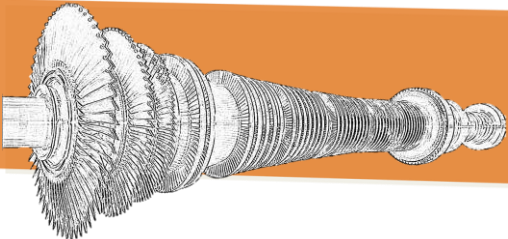


# Comprehensive Service Solutions



## Service Offerings:

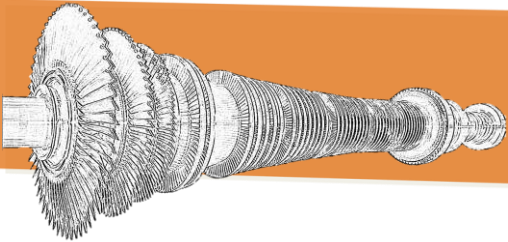
- Full speed vacuum balancing tunnel for balancing turbines, compressors/alternators
- Customization & upgradation of old turbines for both industrial and utility segments
- Refurbishment solutions for higher MW turbines, upto 300 MW for all makes
- Overhauling & Troubleshooting; quick response in the delivery of spares



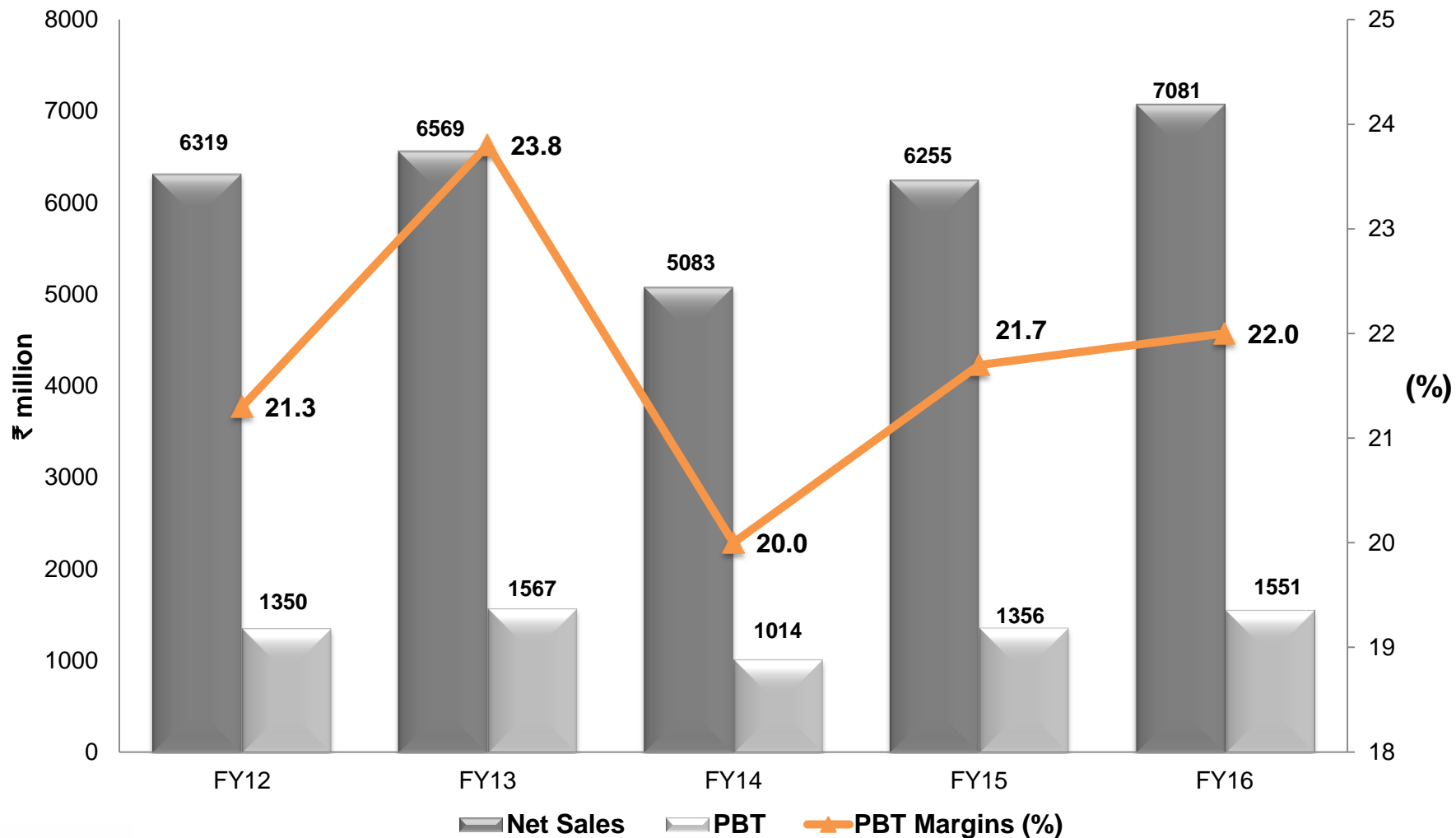
# Power Generation Market Potential

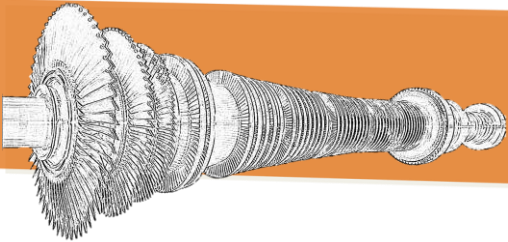
The industrial power generation market represents the decentralised and captive power generating industry. Three principal segments that generate demand in both domestic as well as the export market are:

- Industrial capital expenditure – Both greenfield and brownfield co-generation based captive power plants
- Renewable Energy – Small-scale renewable-based Independent Power Producers, agro-based co-generation and renewable waste-heat
- Opportunity based sale of power to the grid by captive units



# FY 16 Financial Performance

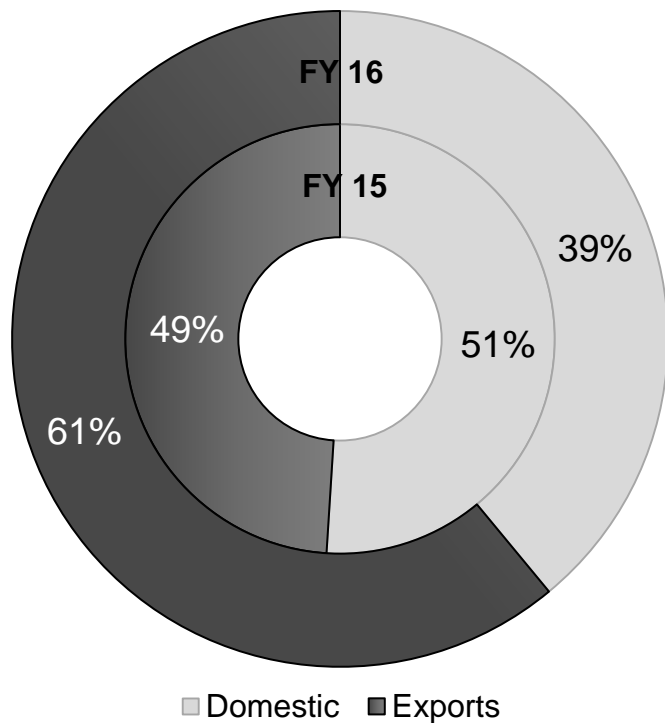




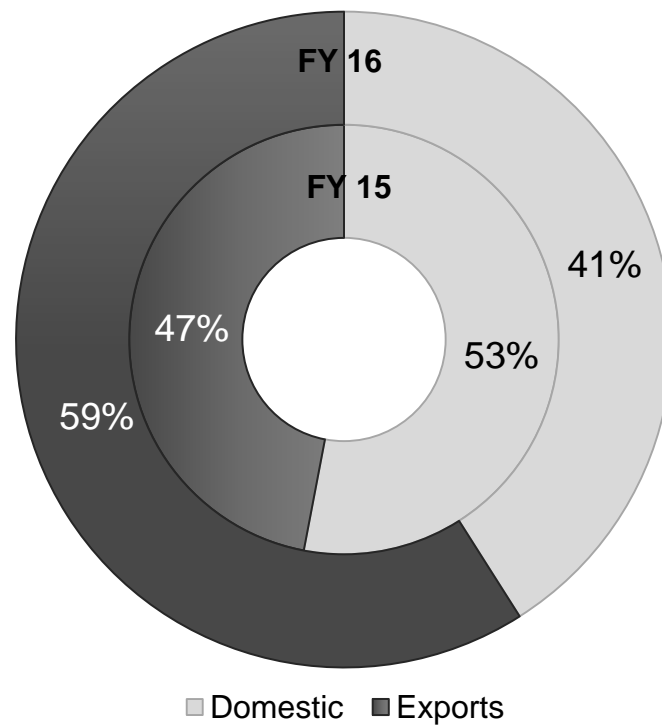
# Focus on Exports

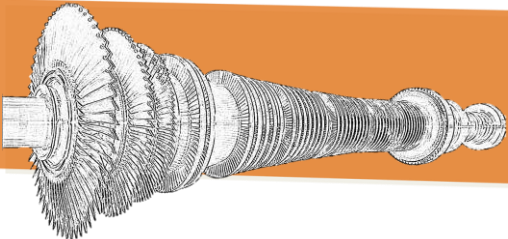
Exports business growing year-on-year

### Order Booking Split



### Closing Order Book Split

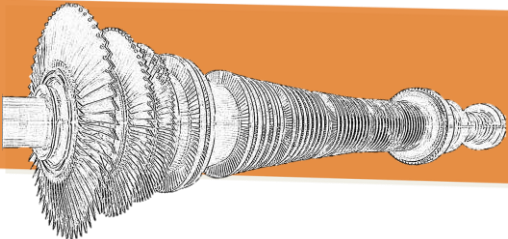




# H1 FY 17 Financial Performance

- Net Total Income from Operations at ₹ 3.64 billion – increase of 20%
- EBITDA of ₹ 909 million with a margin of 25% - an increase of 22%
- Profit before Tax (PBT) at ₹ 839 million with a margin of 23% - an increase of 26%.
- Profit after tax (PAT) at ₹ 611 million with a margin of 17% - increase of 34%
- Product sales showed a growth of 17% while the aftermarket sales showed a growth of 30%
- The consolidated export turnover has gone up by 97% to ₹ 2.1 billion and the proportion to the total sales have also gone up to 58%
- The overall consolidated closing order book at ₹ 6.12 billion

*Note: The consolidated result of the Company include the results of fully owned subsidiary, Triveni Turbines (Europe) Pvt. Limited (TTE) based in UK with a 100% step down subsidiary called Triveni Turbines DMCC TTD, located in Dubai. As per the Ind AS, the consolidated revenue does not include the sales of GETL, the JV with General Electric, while the share of TTL's profits in JV is added in the net profit. Details of order booking also do not include GETL.*

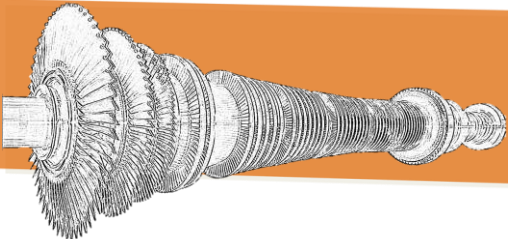


# H1 FY 17 Financial Performance

(Figures in ₹ million)

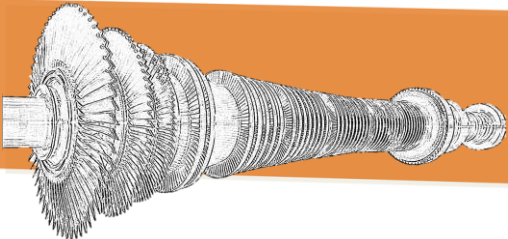
	Q2 FY 17	Q2 FY 16	% Change	H1 FY 17	H1 FY 16	% Change
<b>Total Income</b>	2018	1786	13%	3635	3031	20%
<b>EBITDA</b>	525	449	17%	909	747	22%
<b>EBITDA Margin</b>	26.0%	25.2%		25.0%	24.6%	
<b>Depreciation &amp; Amortisation</b>	34	38	-11%	70	76	-9%
<b>PBIT</b>	491	411	19%	839	670	25%
<b>PBIT Margin</b>	24.3%	23.0%		23.1%	22.1%	
<b>Finance Cost</b>	0	1		0	2	
<b>PBT</b>	491	410	20%	839	668	26%
<b>PBT Margin</b>	24.3%	22.9%		23.1%	22.0%	
<b>Share of Profit of JV</b>	13	-19		43	12	
<b>Consolidated PAT</b>	343	253	36%	611	456	34%
<b>Consolidated PAT Margin</b>	17.0%	14.2%		16.8%	15.0%	
<b>EPS (not annualised) (₹/share)</b>	1.04	0.77		1.85	1.39	





# GE Triveni Ltd.

- Triveni Turbine Ltd. formed a 50:50 Joint Venture with GE on 15th April 2010. GE Triveni Ltd. (GETL) headquartered in Bengaluru, a subsidiary of TTL, will design, supply, sell and service advanced technology steam turbines in India in the range above 30-100 MW for power generation applications in India and globally
- GETL to get technology and on-going R&D support from GE and TTL and will use TTL's Bengaluru facility for turbine manufacturing
- GETL recorded sales of ₹ 843 million with a PAT of ₹ 109 million
- GETL dispatched some large sized turbines and is estimated to have good sales in the coming quarters
- GETL booked orders worth ₹ 474 million
- In the next few quarters the first large size turbine is expected to be commissioned
- The enquiry pipeline is strong and the JV expects to conclude further orders in the coming quarters



# Contact for Investor Relations

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These statements are based on information currently available to us, and we assume no obligation to update these statements as circumstances change. There are risks and uncertainties that could cause actual events to differ materially from these forward-looking statements. These risks include, but are not limited to, the level of market demand for our services, the highly-competitive market for the types of services that we offer, market conditions that could cause our customers to reduce their spending for our services, our ability to create, acquire and build new businesses and to grow our existing businesses, our ability to attract and retain qualified personnel, currency fluctuations and market conditions in India and elsewhere around the world, and other risks not specifically mentioned herein but those that are common to industry.

Further, this presentation may make references to reports and publications available in the public domain. Triveni Turbine Ltd. makes no representation as to their accuracy or that the company subscribes to those views / findings.

