WALCHANDNAGAR INDUSTRIES LIMITED
Walchandnagar: 413 114, Dist Pune, Maharashtra, India
Tel: 02118- 307100 / 252 235 **Fax:** 02118- 252 358
Website: www.walchand.com **Email:** wil@walchand.com

Ref. No. : WIL: SEC: 2024
Date : October 27, 2024

National Stock Exchange of India Ltd
Corporate Action Department
Exchange Plaza, 5th floor,
Plot No. C/1, G Block,
Bandra Kurla Complex, Bandra (East)
Mumbai 400 051.
Fax: 26598237/38, 66418126/25/24
Scrip Code: WALCHANNAG

BSE Ltd.
Corporate Relations Department
1st floor, New Trading Ring,
Rotunda Bldg P.J. Tower,
Mumbai 400 001.
Fax: 22723121/2039/2037
Scrip Code: 507410

Dear Sirs,

Sub: Corporate Presentation.

Pursuant to Regulation 30 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations 2015, please find enclosed herewith a copy of Corporate Presentation.

This intimation will be uploaded on Company's website and can be accessed at www.walchand.com.

We request you to take the same on record.

Thanking you,
Yours faithfully,

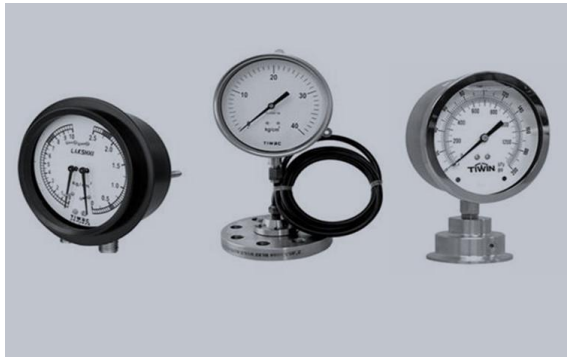
For Walchandnagar Industries Limited

GIRIRAJ SHARAN AGRAWAL

Digitally signed by GIRIRAJ SHARAN AGRAWAL
DN: c=IN, o=Personal, title=5216, 2.5.4.20=f04879886905576cd33292a4b6b9b7aa85cf64f178f4881b0e4fdb4df0c75a75, postalCode=400034, st=Maharashtra, serialNumber=5a4130bf9a70610c0561085bffb582c7679b40820964341078bab90b8c4821e18, cn=GIRIRAJ SHARAN AGRAWAL
Date: 2024.10.26 22:26:11 -07'00'

G. S. Agrawal
Whole Time Director & Company Secretary
DIN: 00404340

Encl.: as above



Walchandnagar Industries Limited

Corporate Presentation

Walchandnagar – Engineering Tomorrow, inspired by enduring legacy

Seth Walchand Hirachand (1882-1953), Visionary Industrialist & Founder

A remarkable Indian industrialist, and founder of Walchandnagar Industries Limited (WIL) with the belief that India has the potential to become a world leader

He strived to make India self reliant through various industrial and business ventures all his life.
Some of his business establishments in various sectors include…

Heavy Engineering

Founder of Walchandnagar Industries Limited (WIL)

Founded in 1908, WIL emerged as a leader in heavy engineering and manufacturing, later expanding its expertise into the defence, nuclear and aerospace sectors

Past Business

Shipping

Pioneered India's first modern shipyard

Established Hindustan Shipyard in 1941, contributing to India's self-reliance in shipbuilding

Aeronautics

Established India's first aircraft factory

Set up in 1940, it later became Hindustan Aeronautics Limited (HAL), boosting India's defence and aviation capabilities

Auto

Launched India's first car manufacturing facility

Founded Premier Automobiles Limited (PAL) in 1944, introducing automobile manufacturing to the country

Shipping

Founded Scindia Steam Navigation Company

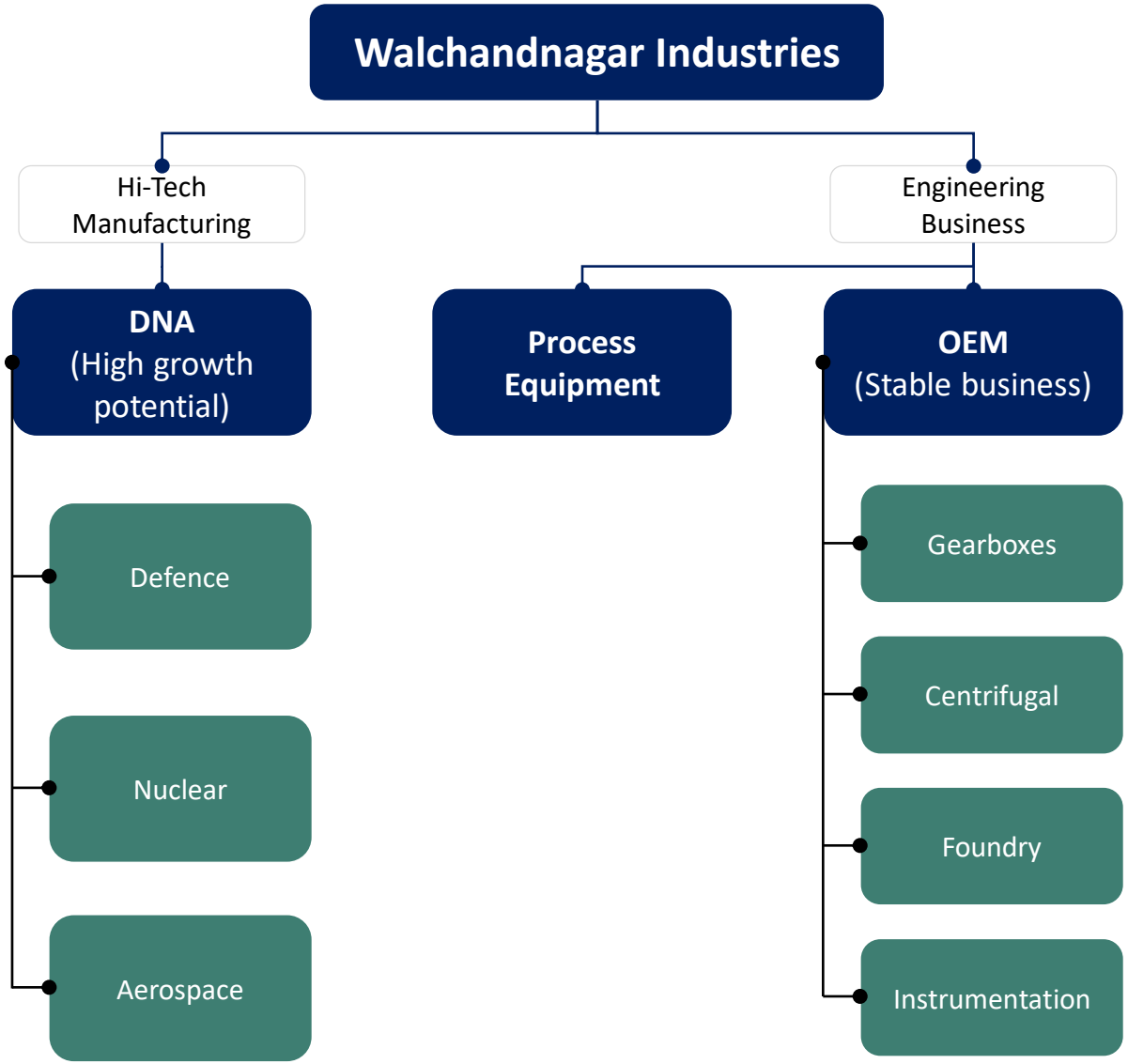
Founded India's first modern shipping company, significantly reducing dependence on foreign shipping lines

Infrastructure

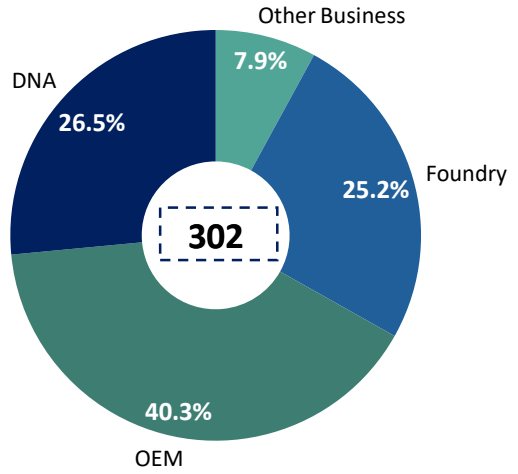
Contributed to organized farming and infrastructure

Made advances in irrigation, rural infrastructure, and modern farming techniques

Leadership position in high growth businesses…



Revenue Breakup (FY 24) (₹ Cr)



Long standing relationship with marquee clients

DEFENCE R&D ORGANISATION · MINISTRY OF DEFENCE · इसरो isro · BARC · BHARAT DYNAMICS LTD. (A Govt. of India Enterprise) · HAL · गोवा शिपयार्ड लिमिटेड (भारत सरकार का उपक्रम) Goa Shipyard Limited (A Govt.of India Undertaking) · NPCIL

With high Entry Barriers…

Significant initial capex and working capital required to seize future opportunities

Long lead times with irregular orders but substantial growth potential across cycles

High-precision manufacturing capabilities for DNA

Stringent technical prequalification standards for critical equipment

Partnerships, built on trust and experience with key government agencies (ISRO, DRDO, DAE, NPCIL)

Extracting process efficiencies requires substantial investment and experience

Build on strong foundations…

100+

Years of Engineering Excellence

50+

Years of association with DAE, NPCIL, BARC, ISRO and MoD

1000+

Propulsion Systems Supplied for Indian Missiles

4500+

Centrifugal Machines Supplied

600+

Turnkey projects Executed (EP Projects)

6500+

Gearboxes Installed Globally

Critical equipment manufactured for India

First Inter-continental ballistic missile Agni-V & Akash, Bharat Small Reactors, Maiden Moon mission "CHANDRAYAAN-I / II / III, Mars Orbital Mission Mangalyaan

Lead by Experienced Board of Directors & Management team

Board of Directors

Chakor L. Doshi
Chairman

He has done B. Sc. (Mathematics Physics) from Bombay University and MS in Operations Research & Industrial Engineering from University of Michigan (USA) and has expertise in Operations and Management of Large Industries

Chirag C. Doshi
Managing Director & CEO

He has done B. A. (Economics) from University of Michigan, USA; and MBA from the world-renowned 'INSEAD INSTITUTE', Paris

G. S. Agrawal
Whole Time Director & Company Secretary

He has done M. Com and is a fellow member of the Institute of Company Secretaries of India. He has experience/expertise of over 40 years in Company Secretarial, Legal, Taxation and Finance Functions

Rupal Anand Vora
Non – Executive Independent Director

She has done B. Com and LLB from Mumbai University and has also done a course in US Taxes with H & R Block. She is a practicing Advocate, specializing in Direct Taxes

Jayesh Dadia
Non – Executive Independent Director

He is a Fellow Member of the Institute of Chartered Accountants of India and Graduated with a B. Com Degree from Mumbai University

Dr. Prabhat Kumar
Non – Executive Independent Director

He has done Mechanical Engineering and is a Fellow Member of the Indian National Academy of Engineers, Indian Institute of Non-Destructive Testing and Indian Institute of Welding. He has also done PhD on Mega Project Management

Management Team

Sandeep Jain
Chief Financial Officer

Mr. Sandeep Kumar Jain is a qualified CA with around 29 years of rich experience in Finance & Accounts, Commercial Projects

Jagat Parikh
President (Strategy & Growth)

Mr. Jagat Parikh has done B.E. (Bachelor of Engineering) from University of Pune. He has experience of over 28 years across diverse functions such as P&L Management, Business Strategy, Transformation and Business Development across different geographies and segments

Santanu Ghoshal
President (Organization Development)

Mr. Santanu Ghoshal comes with a rich experience of around 30 years across diverse functions such as Organization Development, Change Management, HR Strategy & Talent Management. He has done B.E. Mining, from Bengal Engineering College, Shibpur and PGDPM & IR from XLRI Jamshedpur

Defence Nuclear and Aerospace

WALCHANDNAGAR

Presence in businesses with unprecedented growth potential...

- WIL is engaged in inherently sensitive and secretive missile, aerospace and nuclear programs of national importance
- Given the rigorous prequalification requirements, competition in these industries is limited
- Amongst select companies globally with high-precision Defence, Nuclear and Aerospace-related manufacturing facilities under one roof

Defence

- Defence Research and Development Organization (DRDO) is responsible for the designing, R&D and engineering of products
- GOI has allotted ₹ 6,21,941 Cr to MoD with earmarking ₹ 1,05,518.43 crore for domestic capital procurement
- Defence production size in India is expected to be **₹ 2,10,000 Cr** by 2025

Nuclear

- Nuclear Power Corporation of India (NPCIL) is the government entity responsible for electricity generation from nuclear sources
- SMRs alone hold a potential business value of **₹ 2,00,000 Cr** (USD 25 billion) from equipment supply
- GOI has allotted 1,00,000 Cr in the budget 2024-25 for development of nuclear energy.

Aerospace

- Indian Space Research Organization (ISRO) is responsible for the designing, R&D and engineering of products
- India aims to establish the Bharatiya Antariksha Station by 2035, with a five-module design. The first module, BAS-1, will launch by 2028
- The Indian government has committed **₹ 20,193 Cr** for future space exploration

supported by strong expertise and customer relationships

1. WIL is one amongst **the major qualified manufacturers in the DNA segment, Aerospace: 1 of 2, Nuclear: 1 of 4, Defence: 1 of 2/3**

2. With over **50 years of experience** in manufacturing **critical equipment for India's key sectors**

3. **Excellent track record particularly in quality**, which helps in repeat business and high customer satisfaction

4. **Engagement at the R&D stage** of major projects positions us well to be eligible for order receipt

5. **Adaptable and flexible infrastructure,** along with resources, enables us to meet customized product delivery

6. **Decades of association with NPCIL, DRDO, BARC, ISRO & MoD**

7. **Order visibility** with a minimum **25% share** of total orders.

8. **Proprietary manufacturing technologies** developed specifically for certain customers and projects

9. **Consistently meeting and exceeding all regulatory and quality control** standards with precision

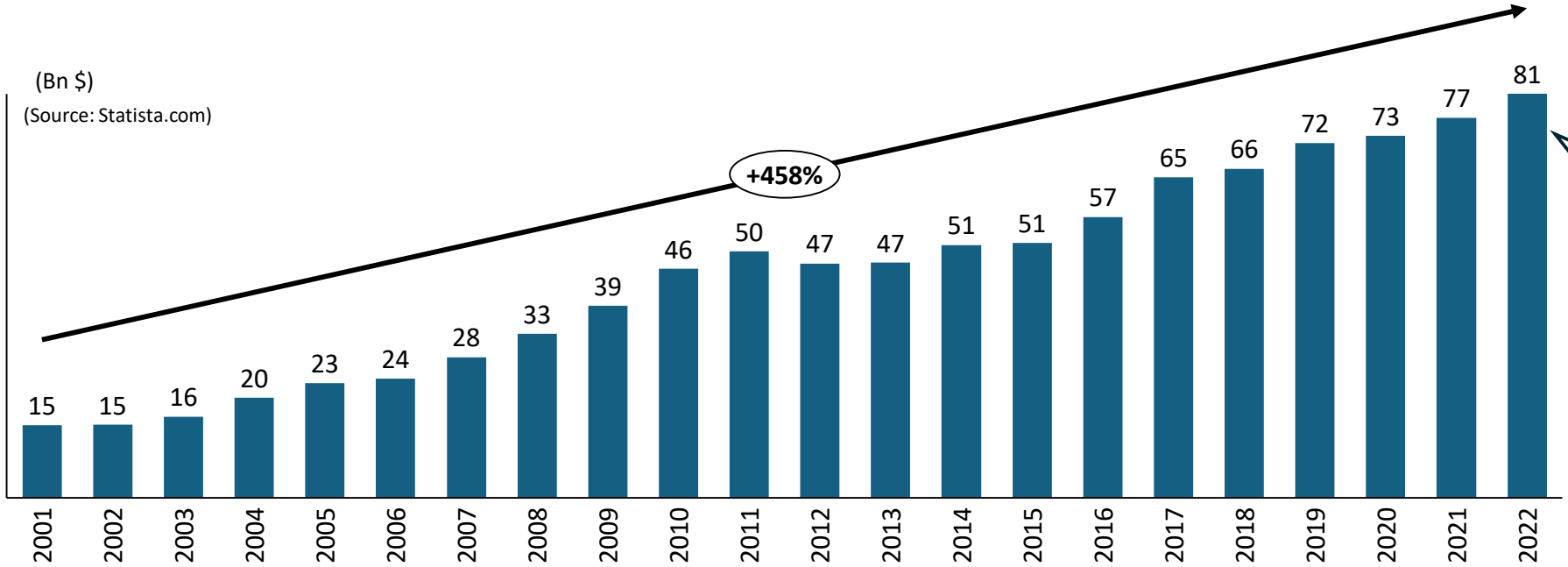
10. **Highly experienced management and trained manpower**

Defence

1908–2008
WALCHANDNAGAR

Huge increase in Defence spending over the years

India moved to 3rd largest spender in 2022 from being the 9th largest defence spender in 2000



Government expenditure on defence in India has grown from ~ ₹ 71,000 Cr in 2001 to ₹ 6,23,700 Cr in 2022

- Global geo-political tensions and India's rising focus on self-reliance in the Defence sector is fueling order flows
- India is the second-largest importer of defence equipment worldwide
- The 'Make in India' (Aatmanirbhar) initiative, aims to achieve 70% indigenization in the Defence sector
- The recent triumphant flight tests of the VL-SRSAM, Agni, RudraM-II, and ITCM mark a significant boost for India's indigenous missile development, showcasing remarkable progress and inspiring future advancements
- From a public sector and import-dependent industry, India's Defence industry has been constantly evolving over the last two decades with measured relaxations for private sector participation

Lead by government spending

01

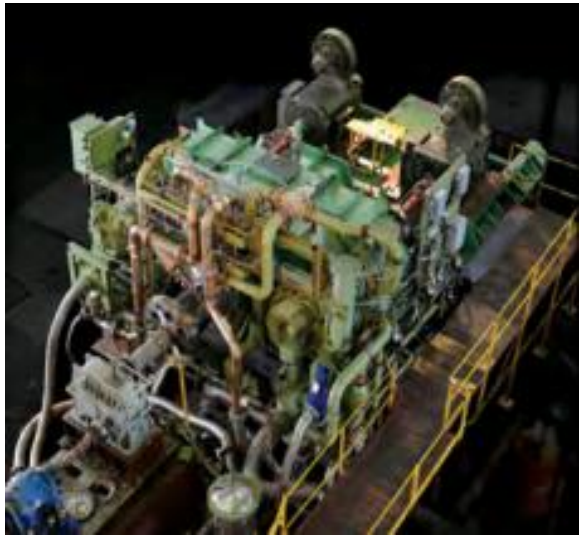
- The Interim Budget for 2024-25 envisaged an outlay of ₹6,21,541 Cr

02

- The government has set a target of achieving defence manufacturing of ~ ₹1,75,000 Cr with an allocation of ₹1,05,518 Cr has been designated for domestic capital procurement (Atmanirbhar Bharat)

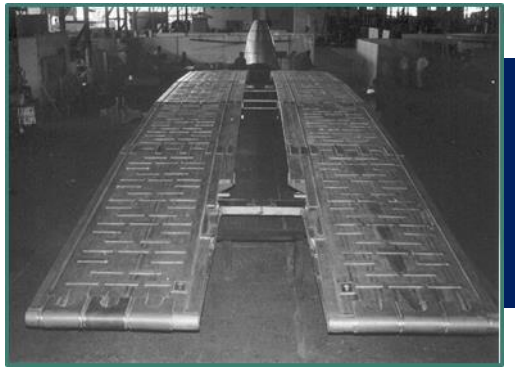
03

- The increased budget will address critical capability gaps by investing in cutting-edge technology, advanced weaponry, ships and special military vehicles



WIL's contributions across a wide array of projects

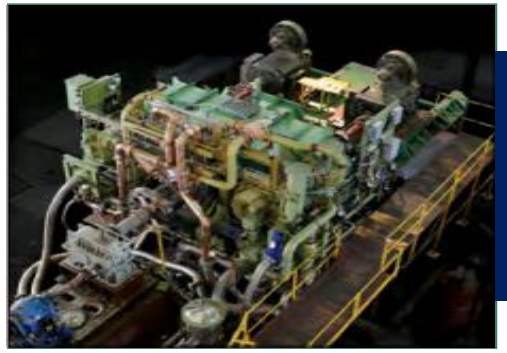
Developed various processes, including welding technology, **for manufacture of motor cases of missiles of Agni series**



Contributed to DRDO, in development, manufacture and **supply of aluminum alloy bridge Kartik /CEASE Bridge**

Developed special manufacturing processes, **inspection & testing methods**, exclusive facilities, strongly backed by engineering/design experts

Successfully manufactured, tested and delivered more than 1000 sets of rocket motor casings for Missile programme



Manufacturing capability to produce gearboxes with **highest class of accuracy with low noise**

Executed surface launcher projects with associated hydraulics and control systems for the Agni missile programme

Long lasting association with India's Missile programs

1980

Partnered with DRDO for the development phase of India's ambitious missiles Agni and Akash

1990

WIL was approached to develop various processes, for manufacture of motor cases of Agni missiles

1991

The first missile of the Agni series was tested in 1991 with WIL as a significant contributor

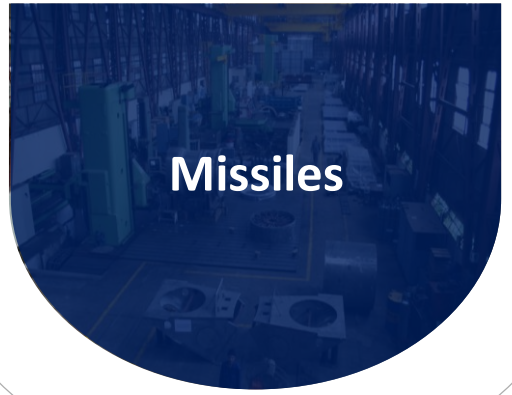
WIL is part of majority of the Missile programs underway

WIL has played a key role in strengthening India's defence across land, air, and sea

Partnered early with DRDO to advance indigenous defence infrastructure

Contributed to tactical missiles, strategic articles, and critical equipment production

Supports India's push for self-reliance in defence technology



Surface to Air

Missiles
- VLSRSAM
- QRSAM
- PGAD

Air to Air

Missiles
- Astra

Surface to Surface

Missiles
- Pralay
- ITCM
- Agni III
- Agni IV
- Agni V

Sub Sea / Naval

Missiles
- ANSP

Air to Surface

Missiles
- Rudram II
- Rudram III

Four programs have reached production stage and more over the next 2 years

Defence opportunities going ahead

India approves mega defence deals worth Rs 80,000 crore for nuclear submarines and predator drones

Story by hanshika.ujlayan@wionews.com • 5d • 2 min read

‘Most advanced ships to be built in India’: Defence ministry to clear mega **₹ 70,000** crore order for new stealth warships

India Seeks 20,000 Indigenous Anti-Tank Missiles amid Regional Military Buildup

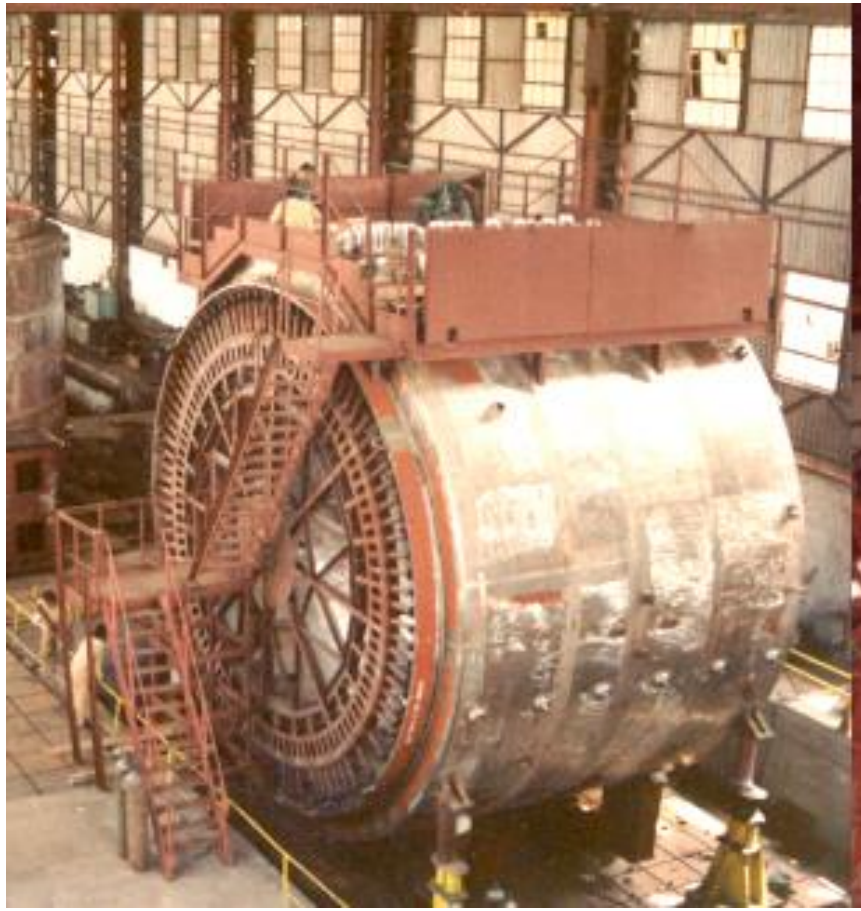
India's Ministry of Defence has issued a Request for Information for 20,000 new-generation anti-tank guided missiles and 1,500 launchers to bolster defense along borders with Pakistan and China.

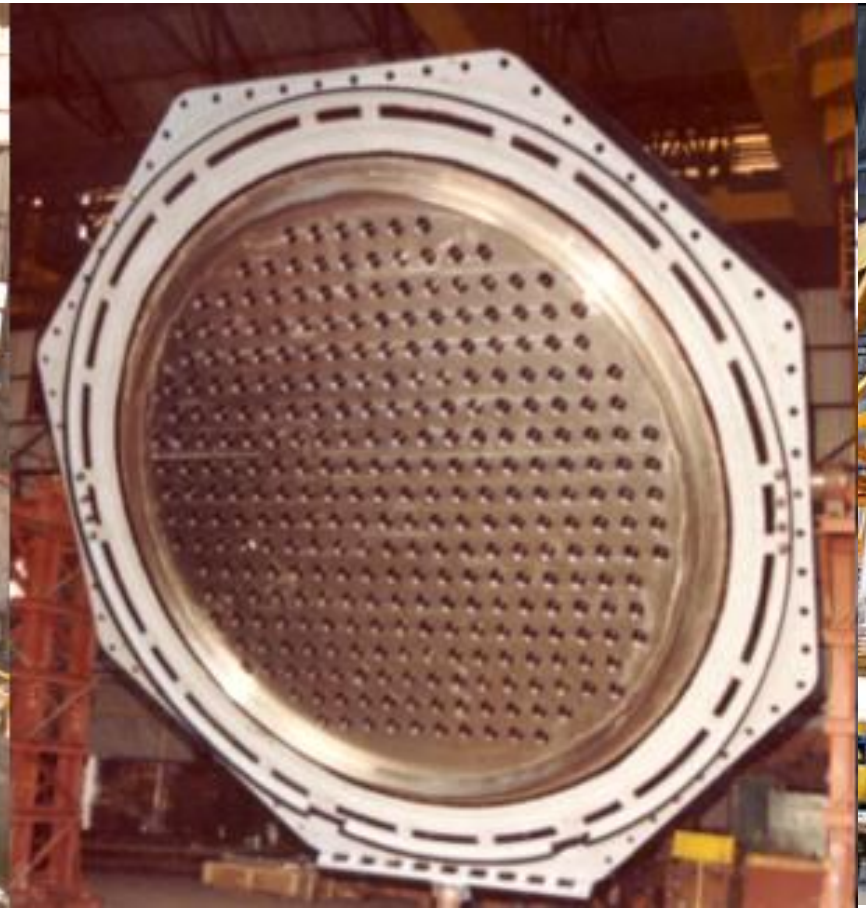
Air Force approves production of 200 Astra missiles

The clearance was given to the DRDO and public sector firm BDL, during a recent visit by Indian Air Force Deputy Chief Air Marshal Ashutosh Dixit to Hyderabad.

India set to boost aircraft manufacturing, government to collaborate with HAL and NAL

"We are taking help from HAL (Hindustan Aeronautics Ltd) and NAL (National Aerospace Laboratories) and other industry partners we have," Naidu stated.

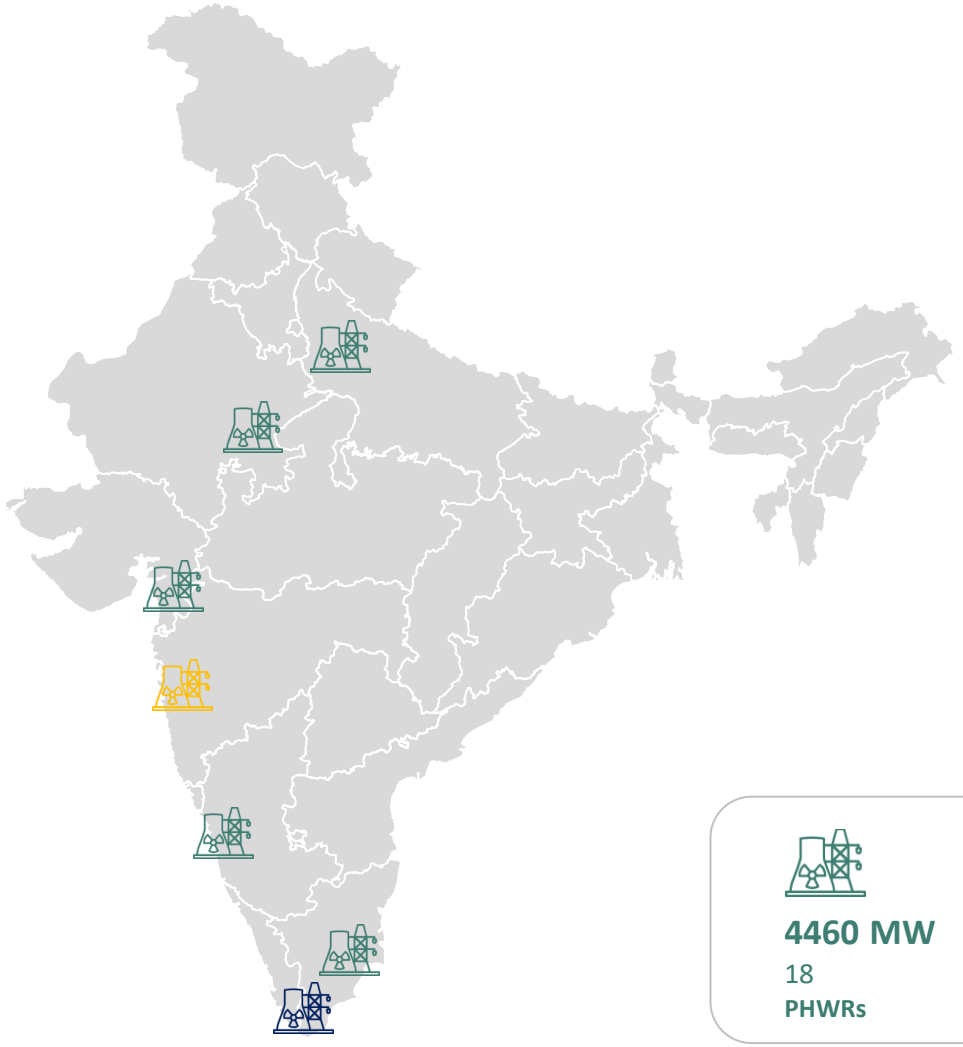




Nuclear

India has 22 operational nuclear plants amounting to 7480 MW

Operational Capacity



7480 MW

22
OPERATIONAL
REACTORS

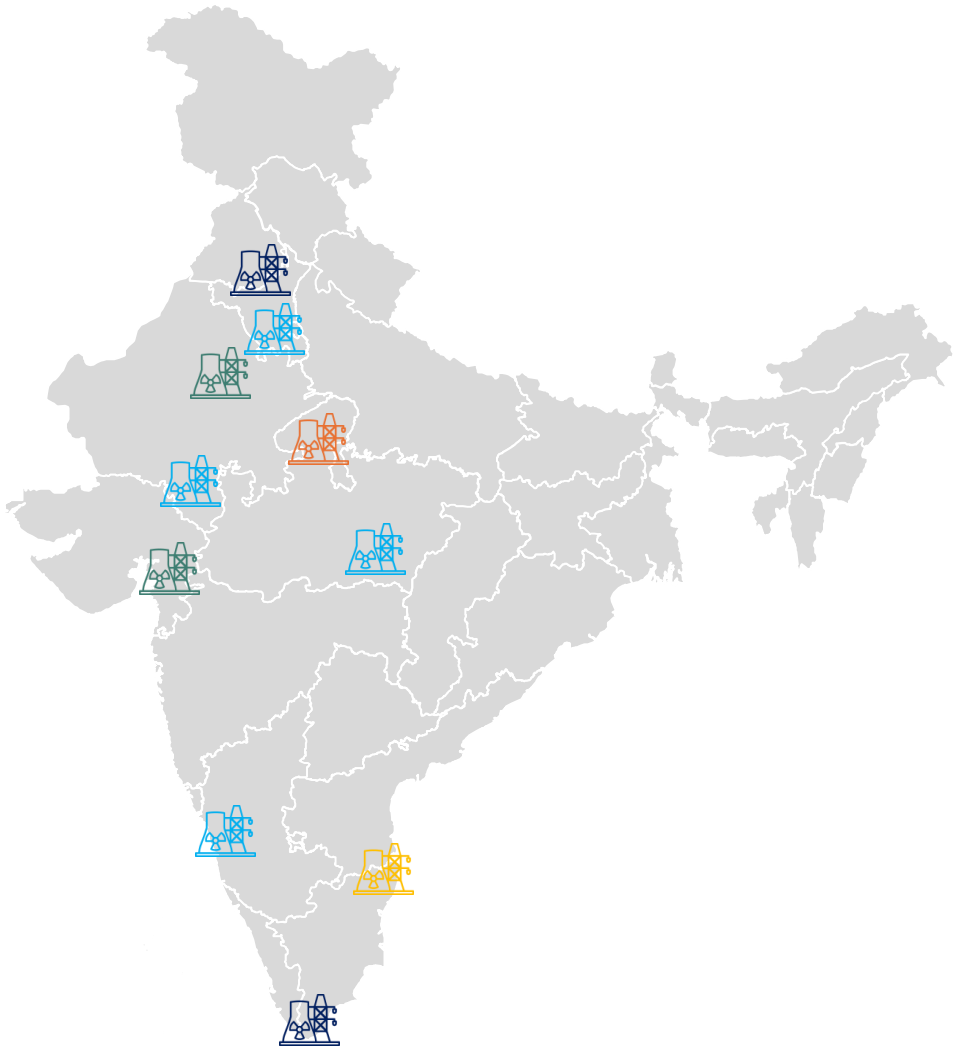
WIL Supplies to these Reactors	
Equipment	**Reactors**
Calandria	14
End Shield	3
Moderator Hx	4
Bleed cond	2
Hairpin Hx	1
FM Cooler	1

4460 MW
18
PHWRs

320 MW
2
BWRs

2000 MW
2
VVER

Over 10,000 MW of projects are under construction



Under Construction

KAPP 4 :1x700 MW PHWR
RAPP 7&8 :2x700 MW PHWR

WIL Supplies to these Reactors	
Equipment	**Reactors**
Calandria	2
MHEx	3

Under Commissioning

PFBR : 1x500 MW

WIL Supplies to these Reactors	
Equipment	
IHX, AHX, Core Catcher, Core Support Structure, DHX	

Indian PHWRs

2x700 MW, Chutaka,MP
4x700 MW, Mahi-Banswara, Raj*
2x700 MW, Kaiga,Karnataka
2x700 MW, GHAVP, Haryana
4x700 MW, Bhimpur, MP

*NTPC– NPCIL JV: ASHVINI

Orders under execution @ WIL	
Equipment	**Reactors**
Calandria	4
End shield (1 pair)	1
Reactor Header	2
PDHRS HX	2

Launched

GHAVP1&2: 2x700 MW PHWR
KKNPP 3&4 : 2x1000 MW LWR

WIL's a major contributor to India's Nuclear Energy Infrastructure

Partnered with the Department of Atomic Energy (DAE) for over 40 years

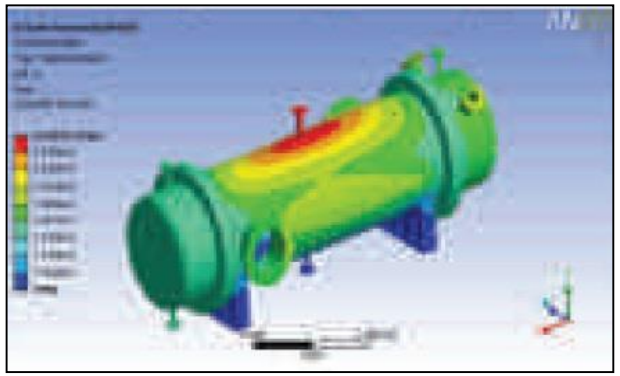
Collaborates with: NPCIL, BARC, BHAVINI

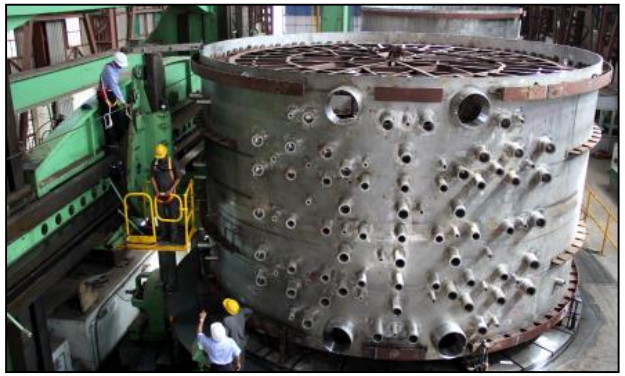
Specializes in manufacturing and supplying core equipment for nuclear power plants

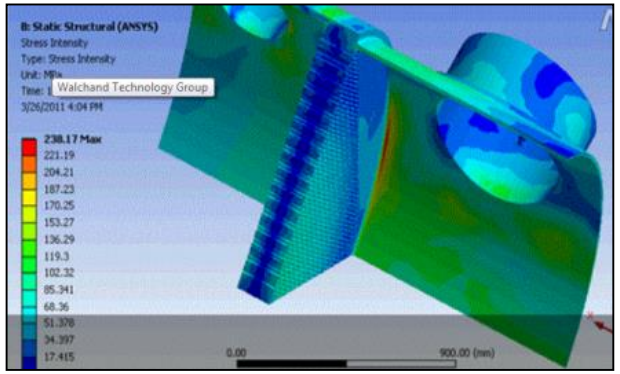
Pre-qualified to supply Class I nuclear components

Excels in producing components from exotic materials

Adheres to international standards and inspection requirements







Honoured with the **Indian Nuclear Society's "Industrial Excellence Award"** for significant contributions to nuclear equipment manufacturing

Nuclear Power: A vital element in the quest for Net Zero emissions

Reliability: Nuclear energy is more reliable (dispatchable) than renewables like wind and solar, generating energy consistently regardless of weather conditions

Greenhouse Gas Emissions: Nuclear energy emits greenhouse gases at levels comparable to renewables and may be even cleaner than solar

Studies indicate nuclear emits:

- Similar levels to wind in full-cycle production (European Commission analysis).
- Four times fewer GHGs than solar (Orano)

Land Use: Nuclear requires significantly less land compared to renewables:

- 1/2,000th as much land as wind and 1/400th as much land as solar
- A 1,000 MW wind farm needs 360 times more land, and a solar plant requires 75 times more area than a nuclear facility of similar capacity (US government data)

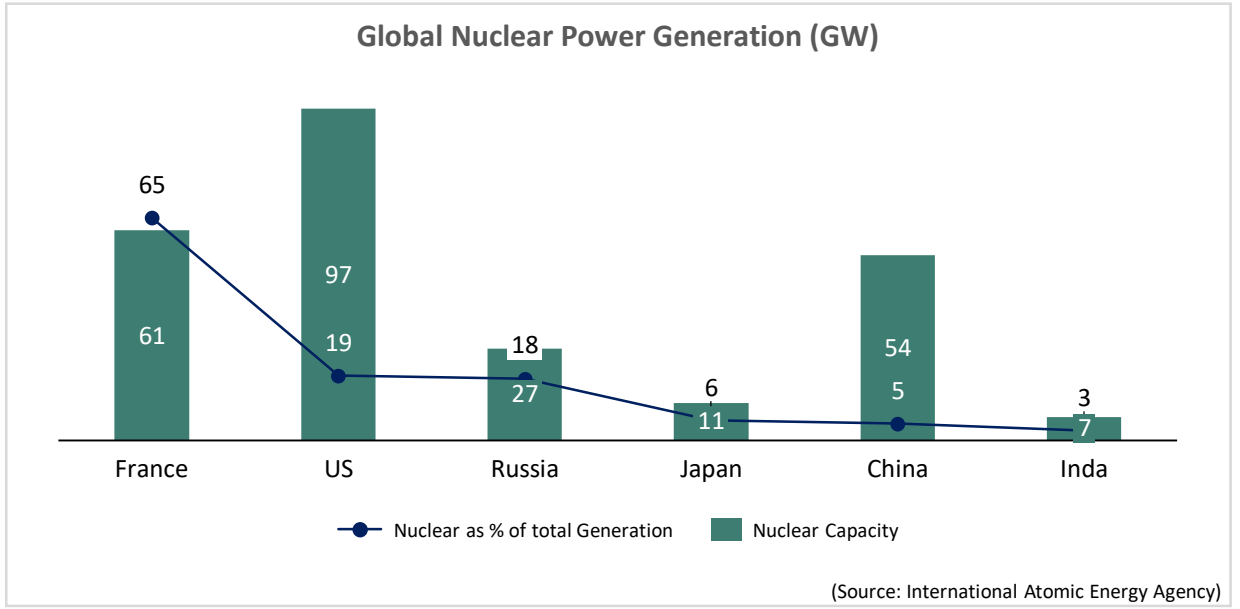
Waste:

- **Nuclear waste:** Though radioactive for thousands of years, the volume of nuclear waste is substantially smaller
- **Renewable waste:** Wind and solar generate more waste, including toxic heavy metals like cadmium, arsenic, chromium, and lead.
- Nuclear waste is 1/10,000th of solar waste and 1/500th of wind waste.

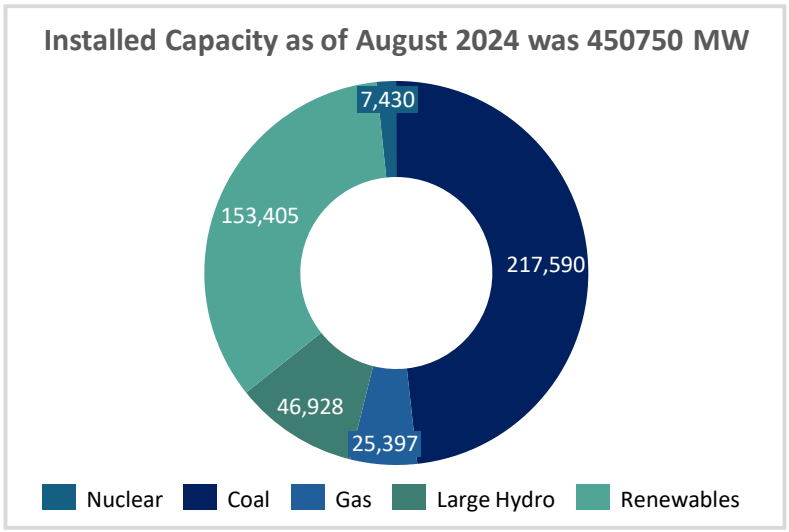
Features	Nuclear Energy	Renewable Energy
Can generate 1500 MW in less than a hectare	✓	✗
Can breed its own fuel from thorium, unused uranium, or plutonium	✓	✗
Generates electricity at night	✓	✗
Capable of using all its capacity independently	✓	✗
Desalinates water	✓	✗
Creates radioisotopes for cancer treatments	✓	✗
Direct connection to power grid, no power converter needed	✓	✗
Creates large quantities of inexpensive power in direct competition to fossil fuels	✓	✗
60-year design life	✓	✗

Making it an important source in our power mix

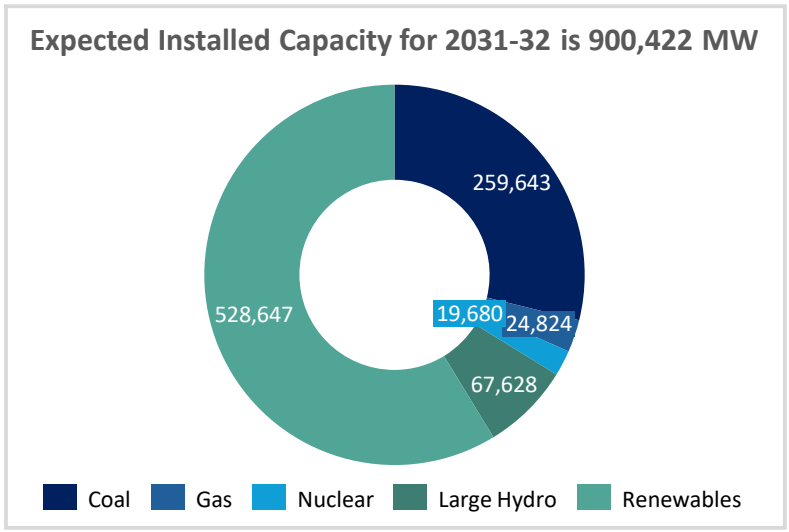
- All India peak expected electricity demand and electrical energy requirement is 277.2 GW for 2026-27 and 366.4 GW for 2031-32
- India is committed to achieving the country's ambition of **Net Zero Emissions by 2070**
- Nuclear is expected to contribute **25% of the total electricity requirement** from nuclear energy by 2050 v/s ~3% at present
- Installed nuclear power capacity of **7.48 GW will become 13.08 GW by 2029 and 19.7GW by 2032**



(Source: International Atomic Energy Agency)



Nuclear capacity growing nearly 3x in the next 5-6 years



(Source Ministry of Power)

Power house of opportunity - 700 MW PHWR's

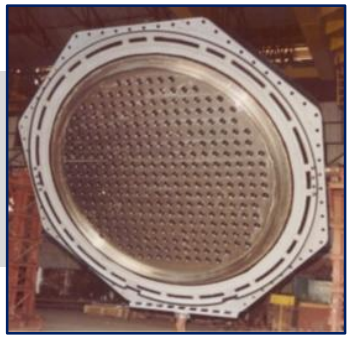
Equipment	Qty per reactor
Calandria	1
Moderator Hx.	2
End Shied	2
D_2O	1
Pressuriser	1
Bleed Condenser	1
PDHRS	4
Distillation Column	2
Reactor Header	8
Steam Generator	4

WIL qualifies for ~Rs 1000 crores worth of equipment per plant

WIL's contributions

Moderator Heat Exchanger
Used in nuclear island cooling systems

End Shield
Used to prevent direct radiation field that comes from the reactor's core region



Hairpin Heat Exchanger
A heat exchanger is a system used to transfer heat between a source and a working fluid

Calandria
A tank which is the core of the reactor

Leading the way - GoI's focus on Bharat Small Reactors (BSR)

The Financial Express + Follow 171.4K Followers

India to install 40-50 small modular nuclear reactors to reach net-zero emission by 2070, claims Tata Consulting Engineers' CEO

India's nuclear capacity addition of 22,800 mw by 2031-32 gets a boost after Centre approves ASHWINI, JV between NPCIL & NTPC

Sanjay Jog
Senior Journalist
Published Sep 18, 2024
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India Science

How govt plan to deploy small nuclear reactors can help power India's transition to net zero

Through 'Bharat Small Reactor' policy announced in Union Budget, govt plans to partner with private firms for the first time to deploy small indigenous nuclear reactors.

SANDHYA RAMESH 29 September, 2024 07:33 pm IST

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News / LATEST / Economy / Budget 2024-25: ONGC, NTPC, IOC going big on small modular reactors

Feedback

Budget 2024-25: ONGC, NTPC, IOC going big on small modular reactors

While presenting the Budget, Finance Minister Nirmala Sitharaman talked about small modular reactors emerging as a key part of the energy transition

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India

India's Ambitious Push For Small Nuclear Reactors: Will Bharat SMRs Aid In Nation's Transition To Clean Energy?

India set the balls rolling for this high-end technology in July when Finance Minister Nirmala Sitharaman unveiled plans to develop the 220-megawatt Bharat Small Reactor (BSR) under the Private-Public Partnership (PPP).

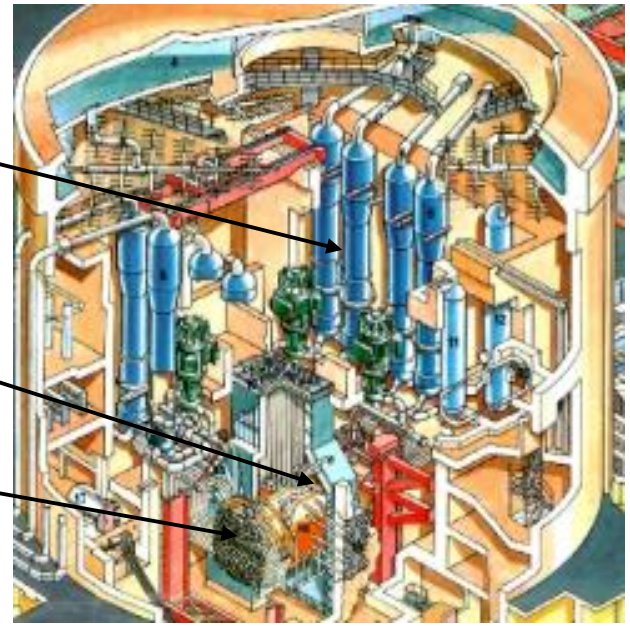
ET The Economic Times + Follow 488.3K Followers

NPCIL to operate small nuclear plants for private players

India's Cost Competitiveness & Proven Track Record in SMR's

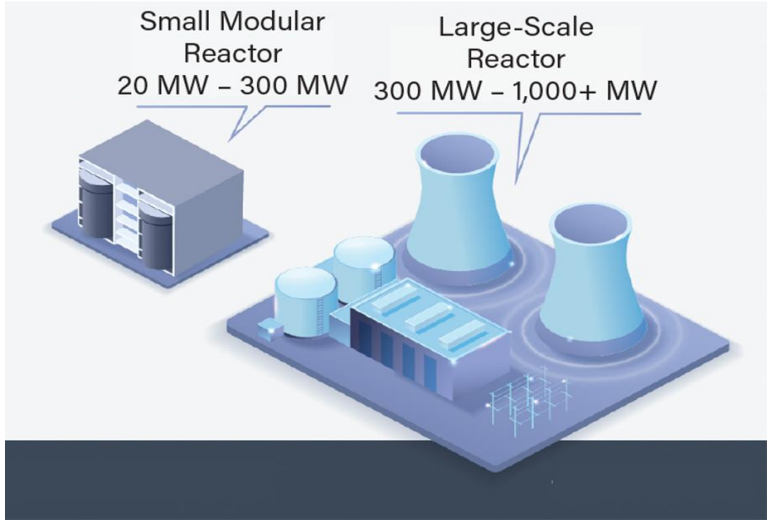
Small Modular Reactors	Capacity MWe	Cost per Reactor	Cost per MWe
BSR / Indigenous (14 Operating Plants- **Proven Technology**)	220	3,960	~18 cr
SMR / Rolls Royce (Will be operational around 2030-31- **Untested Technology**)	470	19,800	42 cr
SMR / NuScale (Will be operational around 2030-31- **Untested Technology**)	50	6,432	129 cr

(Source Ministry of Power)



- Small modular reactors (SMRs) are advanced nuclear reactors that have a power capacity of up to 300 MW(e) per unit
- SMRs can produce a large amount of low-carbon electricity
- Smaller footprint allows siting in locations unsuitable for larger nuclear plants
- Prefabricated units can be manufactured, shipped, and installed on-site
- More affordable to build compared to custom-designed large reactors
- Reduced Cost and construction time savings

GoI has announced Bharat Small Reactors (BSRs) of 50 Nuclear Power plants of 220MWe which amounts to the total expected investment of **~ ₹ 2,00,000 Cr in equipment**



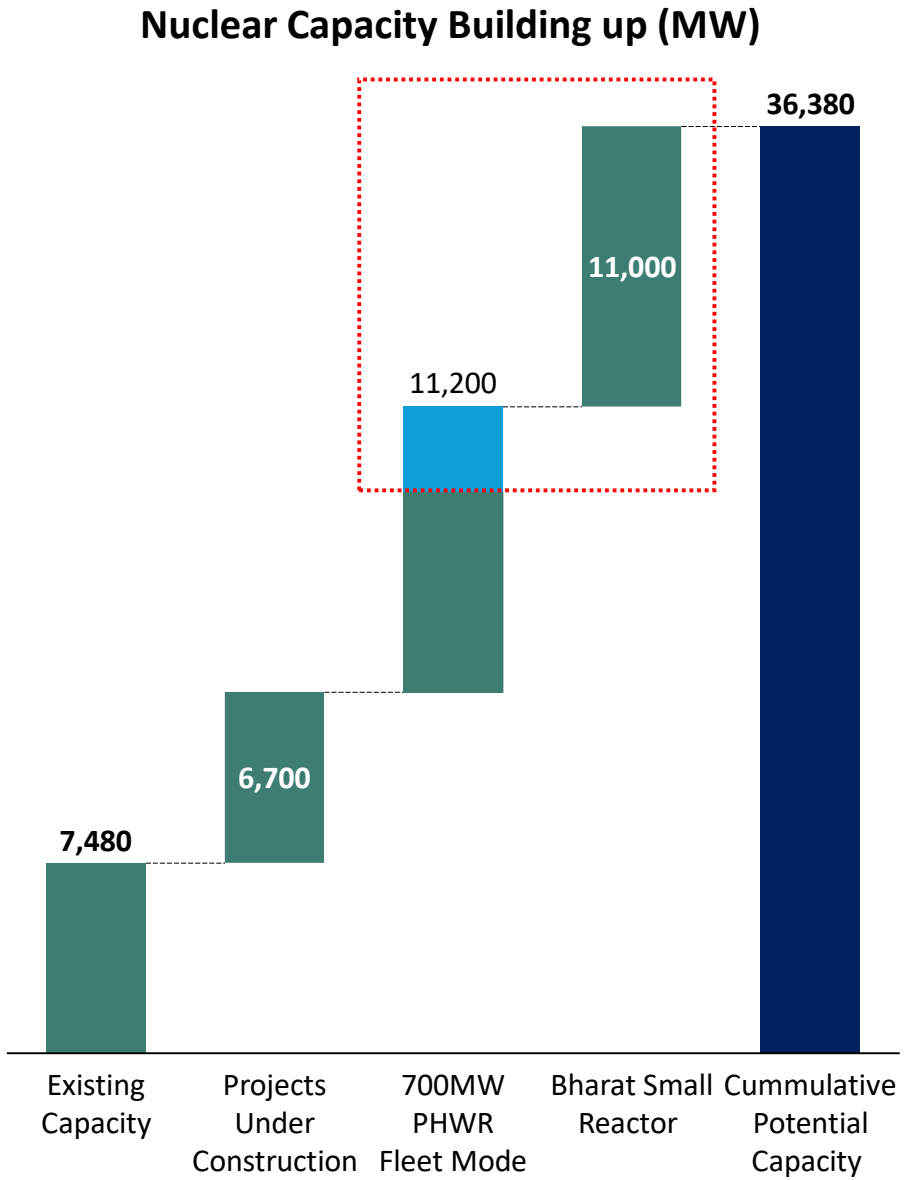
Exponential growth opportunity in BSR (220MW)

(₹ Cr)

Sr. No.	Project	Qty. / Set per reactor	No. / Set
1	Calandria	1	No.
2	Moderator Heat Exchanger	2	No.
3	End Shield	1	Set
4	D2O	1	Set
5	Pressuriser	1	No.
6	Bleed CD	1	No.
7	PDHRS	4	No.
8	Distillation Column	2	No.
9	Reactor Header	8	No
10	Steam Generator	4	No

WIL qualifies for ~Rs 700 crores worth of equipment per plant

Both 700MW and BSRs adding to India's nuclear power growth



Growth Opportunities in Nuclear Waste Management

01

The global nuclear waste management market size surpassed $ 4.87 billion in 2023 and is estimated to increase from $ 4.95 billion in 2024 to ~$ 5.87 billion by 2034 at a CAGR of ~1.72%

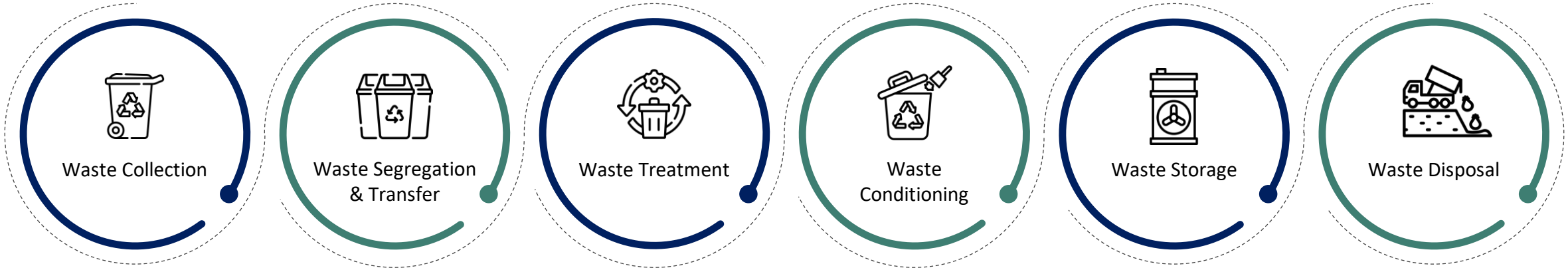
02

The global nuclear waste management market is segmented by waste type: high-level waste (HLW), intermediate-level waste (ILW), low-level waste (LLW). With higher levels of radioactivity than other types of spent nuclear fuel, HLW is a major challenge

03

With the increasing number of nuclear facilities, more and more ILW & HLW will be produced annually in India. Nuclear waste management service as a risk mitigation measure, offers strong growth potential for companies with strong nuclear industry knowhow

The steps required for the successful disposal of radioactive waste materials are outlined below

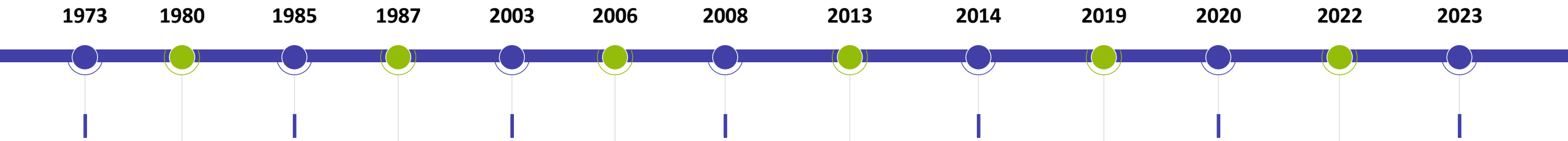


Aerospace

India’s Aerospace Growth Drivers

- Recent achievements such as the successful launch of **Chandrayaan-3, Aditya-L1** and **Mangalyaan** have strengthened India's global space standing
- The Indian government has committed **₹ 20,193 Cr** for future space exploration projects
- India plans to increase space launches fourfold in the next five years, aiming to grow its global space market share from **2-3%** to **8-10%**
- The development of the **New Generation Launch Vehicle** (**NGLV**) will further enhance India's capabilities and open new markets. Additionally, India plans to construct a third Launchpad at the **Sriharikota spaceport**
- ISRO plans to establish the **Bhartiya Antariksh Station** by 2035, featuring five modules constructed in phases. The Base Module, slated for launch in 2028, will mark the project's first milestone

Over 50 Years of Collaboration with ISRO



1973 — Association with ISRO commences with the SLV-3 program

1980 — Hardware delivered for ASLV program

1985 — Manufacturing commences for PSLV program

1987 — First segment of PSLV handed over

2003 — Manufacturing for S 200 commences at WIL

2006 — First S 200 segment handed over to Director VSSC

2008 — Hardware manufactured at WIL was part of Chandrayaan 1 mission

2013 — Hardware manufactured at WIL was part of Mangalyaan (Mars Orbital mission)

2014 — S 200 supplied by WIL was part of GSLV MK III

2019 — Hardware manufactured at WIL was part of Chandrayaan II mission.

First segment for SSLV handed over

2020 — Hardware manufacturing for Gaganyaan mission commenced

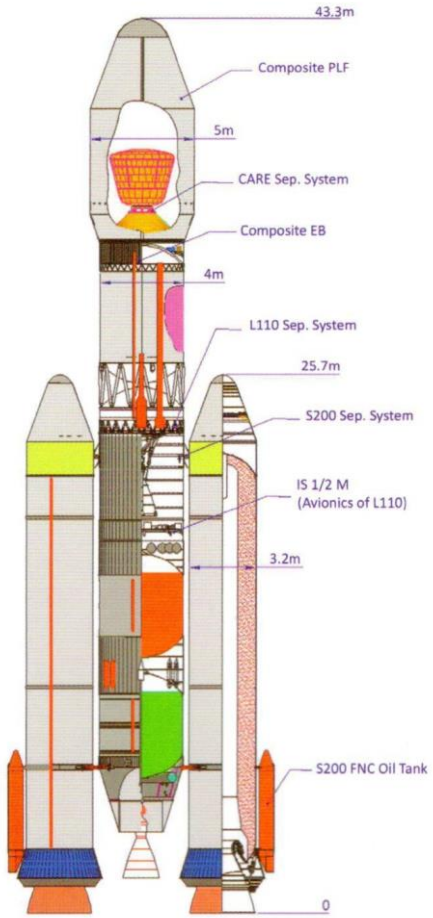
2022 — Entry into Advanced Composites

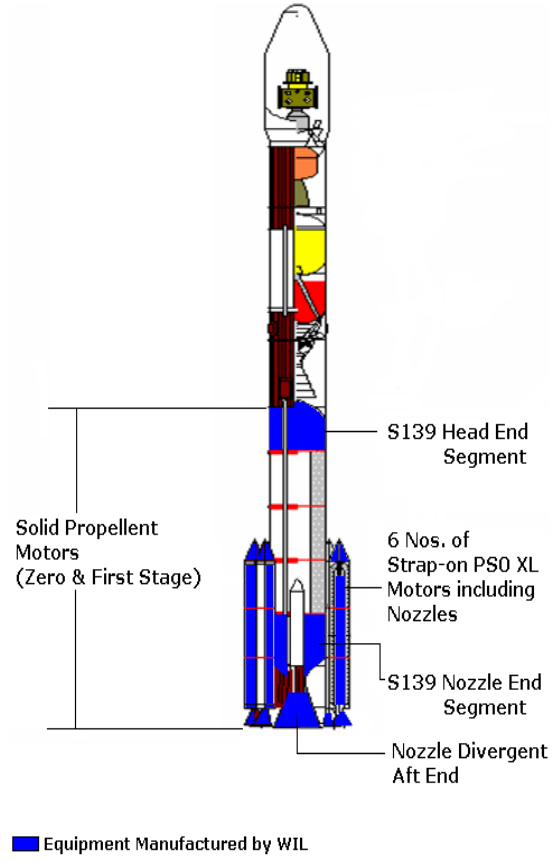
2023 — Manufactured critical equipment for India's first Trisonic wind tunnel

Equipment's Manufactured by WIL

WIL provides sub-assembly parts for PSLV, GSLV, & SSLV

Human Rated Launce Vehicle
(GSLV MKIII Derived)





Contributed to Prestigious Missions - Chandrayaan and Mangalyaan

1 **Chandrayaan I**

Contributed significantly to India’s lunar missions

2 **Chandrayaan III**

Provided critical components for the successful lunar mission

3 **Mangalyaan**

Contributed to India's first mission to Mars

Critical Components Manufactured

Head End Segment (LVM3)

Nozzle End Segment (LVM3)

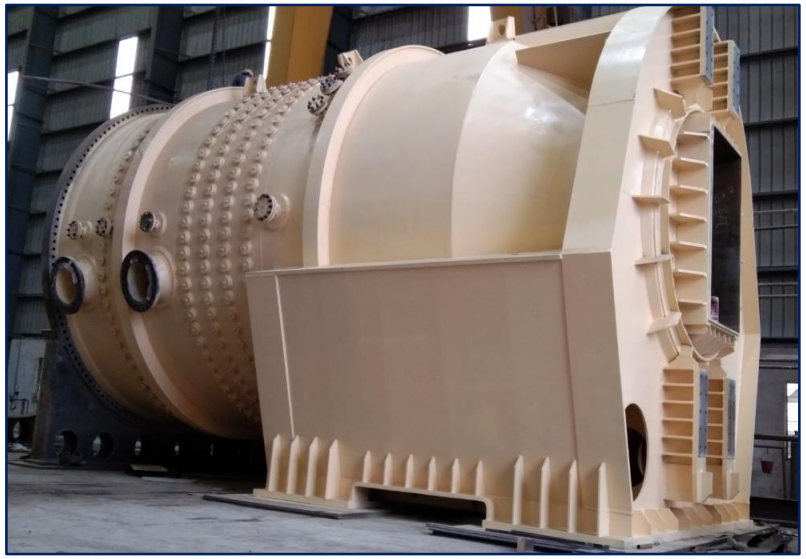
PSO XL Motor Casing(PSLV)

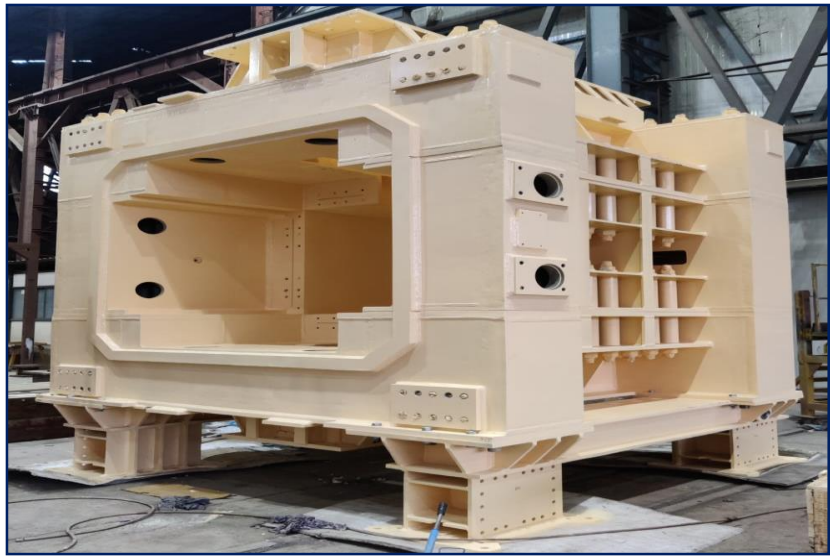
S200 PPT Set-Up

Head End Segment (PSLV))

Nozzle End Segment (SSLV)

Contributed to India's First Trisonic Wind Tunnel





Played a pivotal role in manufacturing several critical sub-assemblies for the 1.2-meter Trisonic Wind Tunnel

Partnered with **M/s Aiolos Engineering Corporation, Canada** in the design and development process, contributing to the successful execution of the project

Manufactured key components such as Settling Chamber Flexible Nozzle, Transonic Test Section, Model Cart, Ejector Piping

Assembled and Installed all the critical sub-assemblies to meet Operational Requirements and successful blowdown

Unique Capabilities in Aerospace

WIL's partnership with ISRO began in 1973 with the manufacturing of motor cases for SLV-3

Actively manufactures booster motor casings and nozzles for various ISRO programs, including SLV-3, ASLV, PSLV, GSLV Mk II, and Mk III

WIL's equipment has been successfully utilized in launching satellites such as ROHINI, SROSS, IRS, and G-SAT

Production Capacity

- Ability to deliver hardware for 12 PSLV flights per year
- Capacity for 4 GSLV Mk III flights per year
- Expertise in handling aerospace-grade materials, including:15CDV6, High-strength Maraging steel, Titanium and its alloys, Aluminum alloys

Established Processes

- Defined critical process parameters for various manufacturing processes:
- Metal forming
- Metal joining
- Heat treatment
- Fabrication
- Precision machining
- Pressure testing for large-sized jobs with complex geometries

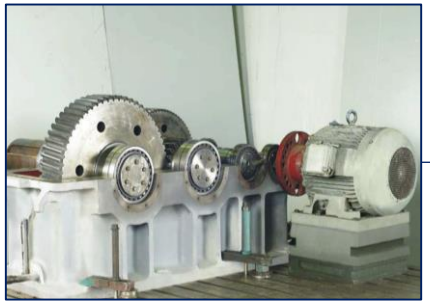
Advanced Facilities

- State-of-the-art manufacturing facilities.
- Robust quality systems to meet stringent customer specifications

Process Equipment & OEM Manufacturing Solutions

Process Equipment

- Manufacturer of Heat Exchangers, Large diameter columns and towers, separators, reactors, Kilns, Crushing & Grinder equipment
- Experience of manufacturing using exhaustive array of materials including alloy steel, duplex stainless steel, cupro-nickel, titanium, zirconium etc



Gear

- Manufacturer of high speed, low speed, planetary as well as marine gear boxes for over four decades
- Heavy duty planetary drive systems supports industries such as sugar and cement, alongside custom-built gear units for marine applications
- Offers tailored contract manufacturing solutions according to client designs

Centrifugal

- Pioneer in the field of manufacturing and implementing turnkey sugar projects
- Centrifugal machines are used in sugar plants to separate sugar crystals from molasses
- Supplied over 4,500 centrifugal machines worldwide
- Market leader with 50% market share

Instrumentation

- The Instrumentation division began by manufacturing mechanical alarm timepieces in collaboration with Louis Schwab of Switzerland
- Over time, focus shifted to producing precision instruments.
- Collaboration with Winters Instruments, Canada, to offer a premium range of precision instruments under the TIWIN brand name

Foundry

- Operates a Grey and Ductile Iron, specializing in intricate castings across all grades of cast iron and SG iron for sectors such as machine tools, wind energy, industrial machinery, automotive, and oil & gas.
- Established clientele includes Mahindra, Tata Motors, General Motors and Suzlon, amongst others

Strong Growth Levers in the Defence Nuclear and Aerospace Business

High Entry Barriers

Stringent quality requirements, high precision manufacturing and past track record key for qualification

Accelerated government support

The government is expediting support for these sectors through hiked budgetary allocations, potentially propelling growth and margin trajectory of WIL

Competitive advantage

WIL enjoys limited competition and a robust market share across its DNA businesses

Unprecedented industry growth prospects

In the past few months, the growth prospects for WIL's key focus areas - Defence, Nuclear and Aerospace, have witnessed a major spike

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Thank You