

## Nuclear

### ASHVINI

Anu Shakti Vidyut Nigam Limited, A JVC of NPCIL & NTPC (51:49)

### MBRAPP

Mahi Banswara Rajasthan Atomic Power Plant (4 X 700 MWe) Project

### NPUNL

NTPC Parmanu Urja Nigam Limited, a wholly owned subsidiary of NTPC

## Global Footprint

### Bangladesh

1320 MW Maitree Super Thermal Power Plant

### Sri Lanka

Phase I: 50 MW Solar plant  
Phase II: 85 MW solar plant

### ISA

Advising 13 ISA member countries for development of ~6.6 GW of solar capacity in Latin America and Africa

## Awards



**Forbes Global 2000 List 2025**  
NTPC Secured 368th Rank in Forbes Global 2000 List for 2025

### ATD BEST Award 2025

NTPC won the ATD BEST Award 2025 for its enterprise-wide success through exceptional talent development initiatives.



**TIME Best Companies Asia-Pacific 2025 List**  
NTPC was included in the TIME Best Companies Asia-Pacific 2025 List announced on 12th February 2025.

### 19th CII-ITC Sustainability Awards 2024

NTPC was conferred with "Excellence in Corporate Social Responsibility" Award at the 19th CII-ITC Sustainability Awards 2024.



**UN Women India WEPs Award**  
NTPC won the first runner-up position at the UN Women India WEPs (Women's Empowerment Principles) Award 2024 in the category "Community Engagement & Partnerships" for its flagship CSR Project "Girl Empowerment Mission (GEM)".



16 Lakh  
lives  
impacted



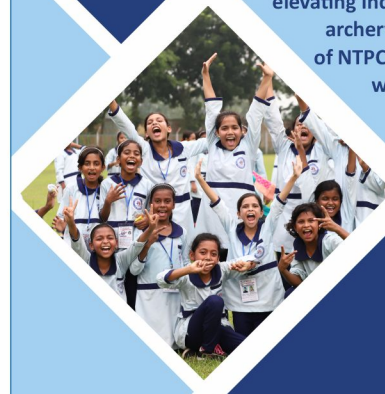
## Making a Difference with Corporate Social Responsibility

13,000

girls empowered  
through Girl  
Empowerment  
Mission (GEM)

255

international medals  
won by Indian archers,  
elevating India's global rank in  
archery, as a result  
of NTPC's association  
with AAI



50 Years of  
*Infinite  
Possibilities*



## VISION

To be the World's Leading Power Company, accelerating India's growth and energy transition.

## MISSION

Provide reliable power and energy transition solutions in an economical, efficient and environment-friendly manner, driven by innovation and agility.

## Portfolio

64 GW  
Coal-based

8 GW  
Renewable

Venturing into  
Nuclear

83 GW  
Group Installed  
Capacity

6.5 GW  
Gas/Liquid

0.5 GW  
Energy  
Storage

3.7 GW  
Hydro

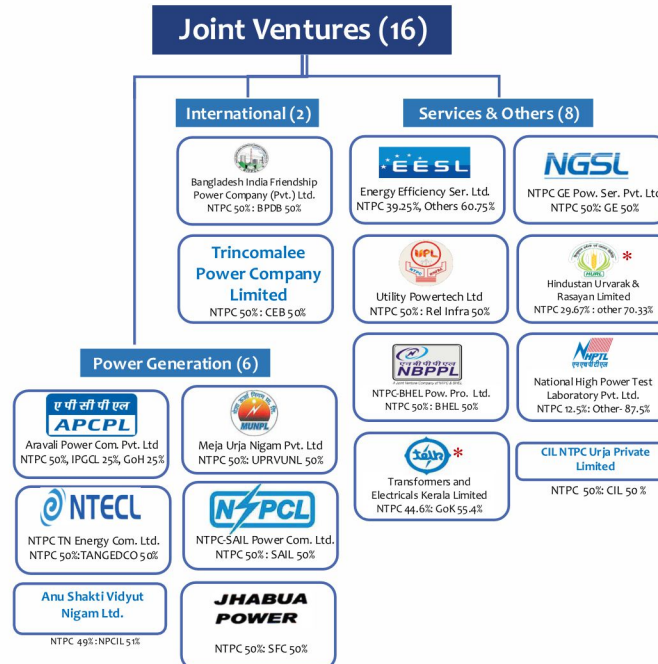
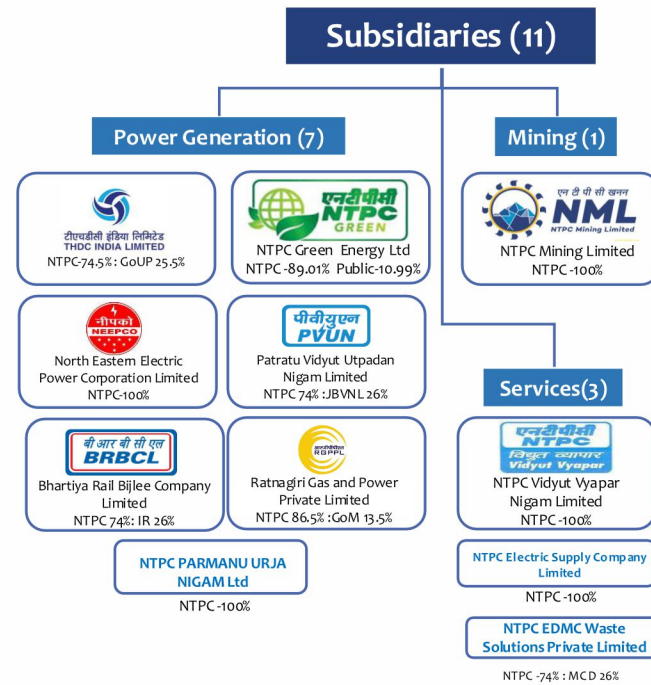
## Group Profile

83 GW	Installed capacity
25%	Share in India's total power generation
130 GW	Aim for installed capacity by 2032
8 GW	Renewable Capacity under Operation 13.3 GW under construction
30.9 GW	Capacity under Construction
45 MMTPA	Coal Mining Capacity [6 Mines Operational +3 Under Development]
17,000+	Employees

## Sustainability

40 Million	Trees/sapling planted since inception
2.91 MCM	Rainwater harvested in FY 25
1.2 MMT	Biomass pellets fired in 15 power stations
3100 TPD	Waste to Charcoal Projects
100%	Ash utilization
ESG Score	Improved by 2 levels in CDP Water Security Rating
8.56%	(Y-o-Y) Increase in avoided GHG emissions

## Subsidiaries & Joint Ventures



## Energy Transition

**RE Focussed Growth**  
Roadmap for 60 GW Renewable Energy capacity (~50% of installed capacity) by 2032

**Energy Storage Systems**  
Investment in BESS and PSP projects, R&D in CO2 Storage

## Green Hydrogen Initiatives

<b>Green Hydrogen Hub</b> Develop ment of India's Largest Green Hydrogen Hub at Pudimadaka	<b>Green Mobility</b> 10 hydrogen fuel cell buses and 2 filling stations for public transport in Leh and Delhi	<b>Hydrogen-PNG Blending</b> India's first green hydrogen blending project in piped natural gas (PNG) network at Kawas, Surat	<b>Electrolyzer Partnership</b> 400 MW PEM (Proton Exchange Membrane) electrolyzer project and 600 MW alkaline electrolyzer project
---	---	--	--

## Plan for Emission Reduction

<b>High Efficiency Low Emission (HELE) Technologies</b> Sub critical – Super Critical (SC) – Ultra Supercritical	<b>Biomass Co-firing</b> 5-7 % Biomass cofiring	<b>Carbon Capture</b> 20 TPD CO2 capture plant to 10 TPD Methanol plant commissioned	<b>Flue Gas Desulphurizati on Equipment installation</b> All Plants are being retrofitted with FGD
---	--	---	---