



**NTPC Limited**  
(A Government of India Enterprise)  
CORPORATE CENTRE

Ref. No.:01/ FA/ISD/Compliance/2022-23

Dated: 01.08.2022

Listing Department National Stock Exchange of India Limited 'Exchange Plaza', C-1, Block G, Bandra Kurla Complex, Bandra (E), Mumbai - 400 051. <b>Scrip Code - NTPC</b>	Corporate Relationship Department, BSE Limited, Rotunda Building, P J Towers, Dalal Street, Fort, Mumbai - 400 001. <b>Scrip Code - 532555</b>
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**Sub: Investor Presentation**

In terms of Regulation 30 of SEBI (LODR) Regulations, 2015, we hereby submit the Investor Presentation made at the 18<sup>th</sup> Annual Analysts and Investors Meet of NTPC Limited held on 1 August 2022.

Yours faithfully,

(Sandeep Aggarwal)  
Chief General Manager (Finance)

# Sustaining Growth Momentum Maintaining Energy Leadership



# NTPC – Vision, Mission and Core Values



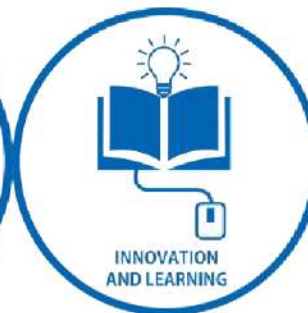
## Vision

To be the World's  
Leading Power Company,  
Energizing India's Growth

## Mission

Provide Reliable Power and Related  
Solutions in an Economical, Efficient and  
Environment friendly manner,  
driven by Innovation and Agility

## Core Values



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# Unparalleled Presence across the Nation

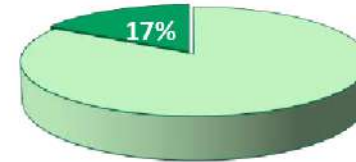


## Present + Under Construction Capacity



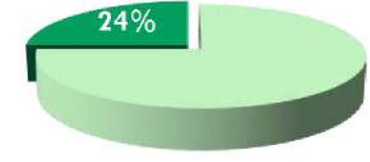
## Leading Market Share

Share of Installed Capacity  
(as on 31 March, 2022)



Rest of India : 3,30,535 MW  
NTPC (Group) : 68,962 MW

Share of Electricity Generated  
(during FY22)



Rest of India : 1132 BUs  
NTPC (Group) : 360 BUs

Installed Capacity as at 1 July 2022 : 69,134 MW

NTPC Owned	Stations	in MW	Mix %
Coal	23	48,120	69.60%
Gas/Liquid Fuel	7	4,017	5.81%
Hydro	1	800	1.16%
Renewables	21	1,832	2.65%
<b>Sub-total</b>	<b>52</b>	<b>54,769</b>	<b>79.22%</b>
<b>Owned by JVs and Subs</b>			
Coal	9	8,754	12.66%
Gas/Liquid Fuel	4	2,494	3.61%
Hydro	8	2,925	4.23%
Renewables	5	192	0.28%
<b>Sub-total</b>	<b>26</b>	<b>14,365</b>	<b>20.78%</b>
<b>Total</b>	<b>78</b>	<b>69,134</b>	<b>100.00%</b>

Map not to scale



# Outline of the Presentation



- 
- 1 Company Overview
  - 2 Spearhead Energy Transition
  - 3 Sustainability Initiatives
  - 4 Transforming Power Sector
  - 5 Key Growth Pointers
  - 6 Operational Excellence
  - 7 Robust Financials



Largest Power Generator in India

Installed capacity of 69 GW  
Generating 24% with 17% Installed Capacity

Leading Energy Transition

Plan to have 60 GW Renewable Capacity by 2032  
Work/MOUs on 24 GW UMREPPs in various stages

Clear Growth Visibility

More than 16 GW capacity under construction  
To become 130 GW Company by 2032

O&M and PM Excellence

4,032 MW Commercial Capacity Addition in FY22  
Maintaining consistent double-digit lead over All India PLF

Highest ever profit/realization

Posted highest ever profit of ₹ 16,111 crore in FY22  
Highest ever realization of ₹ 1.16 Lakh crore

Leapfrogging on ESG Front

ESG Strategy with clearly defined KPIs and targets  
Developing Net Zero Roadmap for NTPC with Niti Aayog



# NTPC - Moving towards next orbit of Profit & Growth



Huge Capacity Addition Lined up

To add more than 15 GW capacity in next 3 years and more than 60 GW in next 10 years

Leading Energy Transition

Substantial share of GOI targets of 500 GW non-fossil capacity & 5 MMT green hydrogen production by 2030

Emission Reduction

To complete FGD implementation in entire operational and under construction capacity in next 3 years

C&I Consumer Market

Company is actively engaging to tie up Commercial & Industrial (C&I) consumers

Thermal ordering

Considering to award 2x660 MW project at Talcher (TTPS)

Captive Coal Production

14 MMT in FY22 and growth of more than 60% in Q1 FY23 with ultimate mining capacity of 71 MMT



# Key Performance Highlights - Setting new records



	FY 2021-22	FY 2020-21
Regulated Equity	₹ 70,890 crore	₹ 66,338 crore
Realization	₹ 116,148 crore	₹ 100,950 crore
Profit	₹ 16,111 crore	₹ 13,770 crore
Group Profit	₹ 16,960 crore	₹ 14,969 crore
Group COD	4,032 MW	3,824 MW
Group Generation	360 BU's	314 BU's

