



46TH INTEGRATED ANNUAL REPORT 2021-22



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

ICOMIT



Integrity
सत्यनिष्ठा



Customer Focus
ग्राहक को प्रधानता



Organisational Pride
संगठन पर गौरव



Mutual Respect and Trust
परस्पर विश्वास एवं आदर



Innovation and Learning
नवप्रवर्तन एवं ज्ञानार्जन



Total Quality and Safety
संपूर्ण गुणवत्ता एवं सुरक्षा



CORPORATE OBJECTIVES

■ BUSINESS PORTFOLIO GROWTH

- To sustain NTPC's position as the leading power generation company in the world.
- To broad base the generation mix with significant proportion of clean energy sources.
- To enable the generation fleet to operate at optimum efficiency while meeting the demand and stability in the grid.
- To diversify into emerging businesses and markets across the power value chain including coal mining, power trading, ancillary services, E-mobility, storage and related adjacencies.
- To establish a strong services brand in domestic and international markets.

■ CUSTOMER FOCUS

- To foster a collaborative style of working with customers, growing to be a preferred brand for supply of quality and reliable power.
- To expand the customer portfolio through profitable diversification into downstream business inter alia E-mobility and direct supply.
- To ensure rapid commercial decision making, using customer specific information, with adequate concern for the interest of the customer.
- To adapt business models and organisation structures to capture value which is progressively shifting towards the customers.

■ AGILE CORPORATION

- To ensure effectiveness in business decisions and responsiveness to changes in the business environment by:
 - o Adopting a portfolio approach to new business development.
 - o Continuous and co-ordinated assessment of the business environment to identify and respond to opportunities and threats.
- To create lean organization and business processes.
- To develop a learning organization having knowledge-based competitive edge in current and future businesses.
- To develop a culture of curiosity and innovation in learning and adopting new technologies, business models and operational philosophies in line with the evolving market and changing customer needs.

■ PERFORMANCE LEADERSHIP

- To continuously strive for innovation in reducing costs, enhancing operational flexibility and in addressing changing customer needs.
- To continuously improve on project execution time and cost in order to sustain long term competitiveness.
- To effectively leverage Information Technology to drive process efficiencies and enable system flexibility in line with the market needs.
- To create capabilities to attain leadership in the new and emerging businesses.
- To embed quality and safety in all systems and processes.
- Support evolution of power markets to meet customer needs through products, platforms, services etc. to

create a win-win opportunity across stakeholders.

- To lead development efforts in the Indian power sector through stakeholder consultation.
- To assist in capacity creation of key stakeholders.

■ HUMAN RESOURCE DEVELOPMENT

- To enhance organizational performance by institutionalizing an objective and open performance management system.
- To align individual and organizational needs and develop business leaders by implementing a career development system.
- To build a lean organization with diverse skills and high ability to adapt to change.
- To build and sustain a learning organization of competent world-class professionals.
- To institutionalize core values and create culture of team-building, ownership, empowerment, equity, innovation and openness which would motivate employees and enable achievement of strategic objectives.

■ FINANCIAL SOUNDNESS

- To maintain and improve the financial soundness of NTPC by prudent management of the financial resources.
- To continuously strive to reduce the cost of capital through prudent management of deployed funds, leveraging opportunities in domestic and international financial markets.
- To promote innovative funding models to support entry into new businesses and sustain long term growth.
- To develop appropriate commercial policies and processes which would ensure remunerative tariffs, balance capital work-in-progress and minimize receivables.

■ SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY

- To deliver business and environmental value through projects which are beneficial for business and larger ecosystem.
- To ensure sustainable power development by ensuring minimal wastage across operations.
- To actively contribute towards societal development.
- To lead the sector in the areas of resettlement and rehabilitation and environment protection including effective ash-utilization, peripheral development and energy conservation practices.

■ RESEARCH & DEVELOPMENT (R&D)

- To undertake R&D initiatives in sync with the overall business portfolio.
- To pioneer the adoption of reliable, efficient and cost-effective technologies by carrying out fundamental and applied research in alternate fuels and technologies.
- To collaborate with leading institutes, technology players and service providers, particularly in the area of power plant construction, generation technology, operations, renewable energy sources, storage, e-mobility etc. that can contribute towards efficiency, reliability and environment friendliness.

REFERENCE INFORMATION

Registered Office

NTPC Bhawan, SCOPE Complex,
7, Institutional Area, Lodhi Road,
New Delhi-110 003
Phone No.: 011-2438 7333
Fax No. . 011-2436 1018
Email: ntpccc@ntpc.co.in
Web site: www.ntpc.co.in
CIN: L40101DL1975GOI007966

Registrar & Share Transfer Agent for Equity Shares

M/s Beetal Financial & Computer Services Pvt. Ltd.,
99, Madangir, Behind Local Shopping Centre,
Near Dada Harsukhdas Mandir, New Delhi - 110 062
Contact person: Shri Punit Mittal or
Shri Ratan Kumar Karna
Phone: 011-29961281 – 83, 26051061 & 26051064
Email: ntpc@beetalfinancial.com

Depositories

National Securities Depository Limited
Central Depository Services (India) Limited

Shares listed at

National Stock Exchange of India Limited
BSE Limited

NTPC's Subsidiary Companies (as on 31.3.2022)

NTPC Vidyut Vyapar Nigam Limited
NTPC Electric Supply Company Limited
Kanti Bijlee Utpadan Nigam Limited
Nabinagar Power Generating Company Limited
Bhartiya Rail Bijlee Company Limited
Patratu Vidyut Utpadan Nigam Limited
NTPC Mining Limited
North Eastern Electric Power Corporation Limited
THDC India Limited
NTPC EDMC Waste Solutions Private Limited
NTPC Renewable Energy Limited
Ratnagiri Gas and Power Private Limited

Company Secretary

Ms. Nandini Sarkar

Auditors

1. M/s. S K Mehta & Co.
2. M/s. S N Dhawan & Co LLP
3. M/s. Varma & Varma
4. M/s. Parakh & Co.
5. M/s. C K Prusty & Associates
6. M/s. B C Jain & Co.
7. M/s. V K Jindal & Co.

Bankers





Save Earth

SUPPORT 'GREEN INITIATIVE'

GREEN INITIATIVE IN THE CORPORATE GOVERNANCE

The Ministry of Corporate Affairs has taken a "Green Initiative in the Corporate Governance" by allowing paperless compliances by the companies and has issued circulars stating that service of notice/ documents including Annual Reports can be send by e-mail to its members. To support this green initiative of the Government in full measure, members who have not registered their e-mail addresses, so far, are requested to register their e-mail address, in respect of electronic holdings with the Depository through their concerned Depository Participants. Members who hold shares in physical form are requested to get their e-mail address registered with Beetal Financial & Computer Services Private Limited, RTA of the Company.

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Annual General Meeting

Date : 30th August, 2022

Time : 10:30 A.M.

Venue/Mode : Video Conferencing ("VC")/ Other Audio-Visual Means ("OAVM")

NTPC, Korba Super Thermal Power Plant





About the REPORT



SCOPE OF THE REPORT

The NTPC Integrated* Annual Report has been prepared in accordance with the <IR> Framework laid down by the International Integrated Reporting Council (IIRC). Also, other frameworks such as GRI Standards "Comprehensive" with EUSS, WEF - Stakeholder Capitalism Metrics, National Guidelines on Responsible Business Conduct (NGRBC), United Nations Sustainable Development Goals (UN SDGs) and the United Nations Global Compact (UNGC) principles has been referenced in the content preparation. The financial and statutory information in this report is in accordance with the requirements of the Companies Act, 2013, Indian Accounting Standards, the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015 and the Secretarial Standards.

BOUNDARY OF THE REPORT

This report covers the business activities of NTPC Limited and its Joint Ventures & Subsidiaries covering electricity generation (Thermal, Renewables, Hydro), Consultancy, Business Development, NETRA and Energy Trading. All stations/ plants considered in current report are located in India and are under operation. The report covers data and information for the period April 1, 2021 to March 31, 2022. There have been considerable changes in the installed capacity of power generation plants during this reporting period. The details have been provided in the manufacturing capital section of this report.

REPORT METHODOLOGY

For collection of data on performance indicators, a uniform approach is

followed across all NTPC stations. Collected data is then processed at individual operating stations in accordance with universally accepted methodologies following approaches of measurement, calculation and analysis. There is no re-statement or significant change in measurement methods applied in this report with respect to the previous report, except if mentioned, wherein applicable. Report content and aspect boundary provided in the report has been reviewed and approved by top management of the company.

ASSURANCE OF THE REPORT

Non-financial information in this report, has been independently assured by M/s KPMG, India. A reasonable assurance was conducted in accordance with ISAE 3000 Standards, covering qualitative and quantitative information.

NTPC appreciates feedback from all stakeholders. For any additional information regarding sustainability report, please reach out to the addresses given below

Headquarter

NTPC Limited
(A Govt. of India Enterprise)
NTPC Bhawan,
Core-7, Scope Complex 7,
Industrial Area, Lodhi Road,
New Delhi-110003

CSO's Office

Engineering Office Complex (EOC)
NTPC Limited
Sector - 24, Noida - 201 301 (U.P.)
Email- sustainability@ntpc.co.in
Phone: (+91) 120 - 2410350,
Fax: (+91) 120 - 2410500

A view of NTPC Ramagundam Super Thermal Power Plant



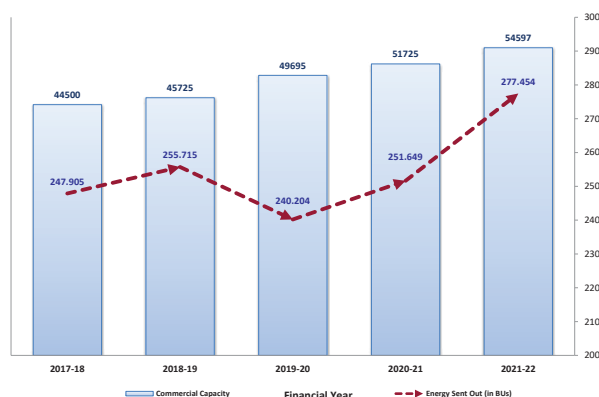


THE YEAR AT A GLANCE

		2021-22	2020-21
Gross Generation	Million Units	299183	270907
Commercial Generation	"	298304	269955
Energy sent out	"	277454	251649
Sale of Energy (including Electricity duty)*	₹ crore	114827	98536
Profit before tax	"	19166	13916
Profit for the year	"	16111	13770
Dividend	"	6933	5531
Retained Profit	"	9178	8238
Total Fixed Assets	"	248763	239887
Net Worth	"	128051	118985
Total non-current borrowings including current maturities	"	164016	160756
Capital Employed	"	189121	174649
Net Cash From Operations	"	35388	27058
Value Added	"	45968	42965
No. of Employees	Number	15786	16798
Value added per employee	₹ crore	2.91	2.56
Debt to Equity	Ratio	1.33	1.46
Debt Service Coverage Ratio (DSCR)	Times	1.97	2.36
Interest Service Coverage Ratio (ISCR)	Times	4.72	4.42
Return on Capital Employed	%	10.85	10.86
Face Value Per share	₹	10.00	10.00
Dividend Per Share	"	7.15	5.65
Book Value Per Share	"	132.06	122.71
Earnings Per Share	"	16.62	13.99

* Including Sale of Energy through trading.

Commercial Capacity & Energy Sent Out



Profit for the Year

