



एनटीपीसी लिमिटेड
(भारत सरकार का उद्यम)
NTPC Limited
(A Govt. of India Enterprise)

केन्द्रीय कार्यालय/Corporate Centre

Ref. No.: 01:SEC:LA:1

Dated: 07.08.2025

General Manager Department of Corporate Services BSE Limited Floor 25, Phiroze Jeejeebhoy Towers, Dalal Street, Mumbai-400 001 Scrip Code: 532555	Manager Listing Department National Stock Exchange of India Limited "Exchange Plaza", Bandra-Kurla Complex, Bandra (E), Mumbai -400 051 Scrip Code: NTPC
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ISIN: INE733E01010

Sub.: Business Responsibility and Sustainability Reporting

Dear Sir/Madam,

Pursuant to Regulation 34(2)(f) of Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, we are submitting herewith the Business Responsibility and Sustainability Report for Financial Year 2024-25, which also forms part of the Integrated Annual Report for Financial Year 2024-25, submitted to the Exchanges vide letter dated 7th August 2025.

This is for your information and records.

Thanking you,

Yours faithfully,

(Ritu Arora)
Company Secretary &
Compliance Officer

पंजीकृत ऑफिस : एनटीपीसी भवन, स्कोप काम्पलेक्स, 7, इंस्टीट्यूशनल एरिया, लोधी रोड, नई दिल्ली-110003
सीआईएन : L40101DL1975GOI007966 | टेलीफोन : 011-24387333 | फैक्स : 011-24361018 | ntpccc@ntpc.co.in | www.ntpc.co.in
Registered Office : NTPC Bhawan, SCOPE Complex, 7, Institutional Area, Lodi Road, New Delhi-110003
CIN : L40101DL1975GOI007966 | Tel : 011-24387333 | Fax : 011-24361018 | ntpccc@ntpc.co.in | www.ntpc.co.in

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Business Responsibility & Sustainability Report

SECTION A: GENERAL DISCLOSURES

I. Details of the listed entity

1. Corporate Identity Number (CIN) of the Listed Entity:	L40101DL1975GOI007966
2. Name of the Listed Entity:	NTPC LIMITED
3. Year of incorporation:	1975
4. Registered office address:	NTPC Bhawan, SCOPE Complex, 7, Institutional Area, Lodi Road, New Delhi-110 003
5. Corporate address:	NTPC Bhawan, SCOPE Complex, 7, Institutional Area, Lodi Road, New Delhi-110 003
6. E-mail:	sustainability@ntpc.co.in
7. Telephone:	011-24367333
8. Website:	https://www.ntpc.co.in/
9. Financial year for which reporting is being done:	2024-25
10. Name of the Stock Exchange(s) where shares are listed:	NSE and BSE
Paid-up Capital:	₹ 9,696.67 Crore
12. Name and contact details (telephone, email address) of the person who may be contacted in case of any queries on the BRSR report:	Ms. Ritu Arora (Company Secretary & compliance officer). Phone: 011-24360959 Email: csntpc@ntpc.co.in
13. Reporting boundary - are the disclosures under this report made on a standalone basis (i.e. only for the entity) or on a consolidated basis (i.e. for the entity and all the entities which form a part of its consolidated financial statements, taken together):	Standalone
14. Name of Assessment/ assurance provider	Bureau veritas
15. Type of Assessment/ assurance obtained	Reasonable

II. Products/services

16. Details of business activities (accounting for 90% of the turnover):

S. No.	Description of Main Activity	Description of Business Activity	% of Turnover of the entity
1	Generation of Electricity	Power Generation	97.62

17. Products/Services sold by the entity (accounting for 90% of the entity's Turnover):

S. No.	Product/Service	NIC Code	% of total Turnover contributed
1	Power Generation from - Coal	35102	92.83
2	Power Generation from - Gas	35103	3.89
3	Power Generation from - Hydro	35101	0.72
4	Power Generation from - Solar	35105	0.18
5	Power Generation from - Wind	35106	0

Operations

18. Number of locations where plants and/or operations/offices of the entity are situated:

Location	Number of plants	Number of offices	Total
National	34	10	44
International	0	0	0

19. Markets served by the entity:

a. Number of locations

Locations	Number
National (No. of States)	34 (States & UT)
International (No. of Countries)	0

b. What is the contribution of exports as a percentage of the total turnover of the entity?

0 %

c. A brief on types of customers:

NTPC supplies electricity to various bulk customers located throughout the country. Our customers include:

- State-owned Electricity Utilities like State Electricity Distribution Companies, SEB Holding Companies, State Power Departments
- Indian Railways
- Private distribution companies

Employees

20. Details as at the end of Financial Year: -

1. Employees and workers (including differently abled):

S. No.	Particulars	Total (A)	Male		Female	
			No. (B)	% (B / A)	No. (C)	% (C / A)
EMPLOYEES						
1	Permanent (D)	12,295	11,416	92.85%	879	7.15%
2	Other than Permanent Employees (E)	1,626	1,450	89.18%	176	10.82%
3	Total employees (D + E)	13,921	12,866	92.42%	1,055	7.58%
WORKERS						
4	Permanent (F)	4,351	4,013	92.23%	338	7.77%
5	Other than Permanent Employees (G)	1,24,647	1,22,345	98.15%	2,302	1.85%
6	Total workers (F + G)	1,28,998	1,26,358	97.95%	2,640	2.05%

2. Differently abled Employees and workers: -

S. No.	Particulars	Total (A)	Male		Female	
			No. (B)	% (B / A)	No. (C)	% (C / A)
DIFFERENTLY ABLED EMPLOYEES						
1	Permanent (D)	249	234	93.98%	15	6.02%
2	Other than Permanent (E)	18	18	100.00%	0	0.00%
3	Total differently abled employees (D + E)	267	252	94.38%	15	5.62%

S. No.	Particulars	Total (A)	Male		Female	
			No. (B)	% (B / A)	No. (C)	% (C / A)
DIFFERENTLY ABLED WORKERS						
4	Permanent (F)	274	236	86.13%	38	13.87%
5	Other than permanent (G)	610	592	97.05%	18	2.95%
6	Total differently abled workers (F + G)	884	828	93.67%	56	6.33%

21. Participation/Inclusion/Representation of women

Particulars	Total (A)	No. and percentage of Females	
		No. (B)	% (B / A)
Board of Directors	8*	0	0
Key Management Personnel	21*	1	4.76%

*-as on 31.03.2025

22. Turnover Rate for permanent employees and workers

(Disclose trends for the past 3 years)

Particulars	FY 2024-25 (Turnover rate in current FY)			FY 2023-24 (Turnover rate in previous FY)			FY 2022-23 (Turnover rate in the year prior to the previous FY)		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Permanent Employees	6.03%	6.14%	6.03%	7.00%	6.06%	6.55%	6.55%	7.67%	6.44%
Permanent Workers	10.09%	14.20%	10.41%	10.53%	11.54%	10.64%	8.56%	9.09%	6.41%

Holding, Subsidiary and Associate Companies (including joint ventures)

23. (a) Names of holding / subsidiary / associate companies / joint ventures –

S. No.	Name of the holding/subsidiary/associate companies/joint ventures (A)	Indicate whether holding/ Subsidiary/ Associate/ Joint Venture	% of shares held by listed entity	Does the entity indicated at column A, participate in the Business Responsibility initiatives of the listed entity? (Yes/No)
1	NTPC Electric Supply Company Ltd.	Subsidiary	100%	YES
2	NTPC Vidyut Vyapar Nigam Ltd. (NVVN)	Subsidiary	100%	YES
3	Bhartiya Rail Bijlee Company Ltd. (BRBCL)	Subsidiary	74%	YES
4	Patratu Vidyut Utpadan Nigam Ltd.	Subsidiary	74%	YES
5	NTPC Mining Ltd.	Subsidiary	100%	YES
6	THDC India Ltd.	Subsidiary	74.49%	YES
7	North-Eastern Electric Power Corporation Ltd. (NEEPCO)	Subsidiary	100%	YES
8	NTPC EDMC Waste Solutions Pvt. Ltd.	Subsidiary	74%	YES

S. No.	Name of the holding/subsidiary/associate companies/joint ventures (A)	Indicate whether holding/ Subsidiary/ Associate/ Joint Venture	% of shares held by listed entity	Does the entity indicated at column A, participate in the Business Responsibility initiatives of the listed entity? (Yes/No)
9	NTPC Parmanu Urja Nigam Ltd.	Subsidiary	100%	YES
10	NTPC Green Energy Ltd.	Subsidiary	89.01%	YES
11	Ratnagiri Gas & Power Private Ltd.	Subsidiary	86.49%	YES
12	Utility Powertech Ltd.	Joint Venture	50	YES
13	NTPC-GE Power Services Pvt. Ltd.	Joint Venture	50	YES
14	NTPC-SAIL Power Co. Ltd.	Joint Venture	50	YES
15	NTPC Tamil Nadu Energy Co. Ltd.	Joint Venture	50	YES
16	Aravali Power Company Pvt. Ltd.	Joint Venture	50	YES
17	Meja Urja Nigam Pvt. Ltd.	Joint Venture	50	YES
18	NTPC-BHEL Power Project Pvt. Ltd.	Joint Venture	50	YES
19	National High Power Test Laboratory Pvt. Ltd.	Joint Venture	12.5	YES
20	Transformers and Electricals Kerala Ltd.	Joint Venture	44.6	YES
21	Energy Efficiency Services Ltd.	Joint Venture	39.25	YES
22	CIL NTPC Urja Pvt. Ltd.	Joint Venture	50	YES
23	Anushakti Vidyut Nigam Ltd.	Joint Venture	49	YES
24	Hindustan Urvarak and Rasayan Ltd.	Joint Venture	29.67	YES
25	Jhabua Power Limited	Joint Venture	50	YES
26	Trincomalee Power Company Ltd.	Joint Venture	50	Not Applicable
27	Bangladesh India Friendship Power Company Ltd. (BIFPCL)	Joint Venture	50	Not Applicable

For a list of NTPC's Joint Ventures and Subsidiaries, please refer to: <https://ntpc.co.in/business-development/joint-ventures-and-subsidiaries-various-sectors>

CSR Details

24. (i) Whether CSR is applicable as per section 135 of Companies Act, 2013: YES

(ii) Turnover (in Rs.) (NTPC Standalone): 1,68,244.06 crore

(iii) Net worth (in Rs.) (NTPC standalone): 1,61,640.55 crore

Transparency and Disclosures Compliances

25. Complaints/Grievances on any of the principles (Principles 1 to 9) under the National Guidelines on Responsible Business Conduct:

Stakeholder group from whom complaint is received	Grievance Redressal Mechanism in Place (Yes/No)	FY 2024-25 Current Financial Year			FY 2023-24 Previous Financial Year		
		(If yes, then provide web-link for grievance redress policy)	Number of complaints filed during the year	Number of complaints pending resolution at close of the year	Remarks	Number of complaints filed during the year	Number of complaints pending resolution at close of the year
Communities	Yes	112	10	<ul style="list-style-type: none"> Infrastructure development Quality of life Employment opportunities Land acquisition and R&R issues Increased community involvement 	98	15	<ul style="list-style-type: none"> Infrastructure development Quality of life Employment opportunities Land acquisition and R&R issues Increased community involvement
Investors (other than shareholders)	Yes	650	0	Complaints related to non-receipt, and revalidation of warrants. Some cases w.r.t. transmission and transfer of securities were also put up. No issues were raised in case of privately placed Bonds.	976	0	<ul style="list-style-type: none"> Improving Rol Climate change & business sustainability Risk and governance compliance Increased disclosure on Environment, Social and Governance (ESG) aspects
Shareholders	Yes	799	0	Complaints related to non-receipt of warrants, revalidation of warrants. Non receipt of annual Report, ECS intimation and other miscellaneous queries.	880	0	<ul style="list-style-type: none"> Complaints relate to non-receipt, and revalidation of warrants. Cases wrt transmission and transfer of securities.

Stakeholder group from whom complaint is received	Grievance Redressal Mechanism in Place (Yes/No)	FY 2024-25 Current Financial Year			FY 2023-24 Previous Financial Year		
		(If yes, then provide web-link for grievance redress policy)	Number of complaints filed during the year	Number of complaints pending resolution at close of the year	Remarks	Number of complaints filed during the year	Number of complaints pending resolution at close of the year
Employees and workers	Yes	5	0	<ul style="list-style-type: none"> Professional growth Work life balance Health, safety and security Timely resolution of grievances Transparent appraisal and promotion cycle 	8	1	One grievance has recently gone under appeal.
Customers	Yes	18	0	<ul style="list-style-type: none"> Resolving commercial issues Resolving technical issues 	22	0	<ul style="list-style-type: none"> Resolving commercial issues Resolving technical issues
Value Chain Partners	Yes	33	0	<ul style="list-style-type: none"> Transparent dealings Timely payments Fair opportunities Sustainable supply chain 	33	0	<ul style="list-style-type: none"> Transparent dealings Timely payments Fair opportunities Sustainable supply chain
Other (please specify)		0	0		0	0	

Policy: <https://ntpc.co.in/sites/default/files/policy-documents/Complaint-Handling-Policy.pdf>

26. Overview of the entity's material responsible business conduct issues

Please indicate material responsible business conduct and sustainability issues pertaining to environmental and social matters that present a risk or an opportunity to your business, rationale for identifying the same, approach to adapt or mitigate the risk along-with its financial implications, as per the following format.

S. No.	Material issue identified	Indicate whether risk or opportunity (R/O)	Rationale for identifying the risk / opportunity	In case of risk, approach to adapt or mitigate	Financial implications of the risk or opportunity (Indicate positive or negative implications)
1	Climate Change	Both	<p>Increased focus on energy transition associated with climate change has opened many avenues for energy sector players in terms of energy diversification such as RE, energy storage and ancillary services. Also, influx of more variable renewable energy in the grid would require greater support of flexible operation from the coal stations.</p> <p>Climate change is posing both physical and transition risks to all business entities including NTPC. The risks associated with the increase in sea levels, water stress situations, increased heat waves, erratic rainfall and frequent natural disasters may impact the business.</p> <p>Rising climate change concerns and threats may bring future policy and regulatory risks in terms of carbon tax and cess.</p>	<p>NTPC is diversifying its business portfolio in RE, Green Hydrogen, Power Trading, Consultancy and doing flexibilization of its coal fleet.</p> <p>As part of NTPC's preparedness against climate change related situations our power plants and infrastructure are designed to withstand cyclones and floods while our cooling systems are designed to withstand the increase in temperatures brought forth by climate change.</p> <p>To de-risk its business from transition risk, NTPC is making substantial progress towards decarbonization of energy through increasing penetration of renewables in its portfolio.</p>	Positive
2	Water Security	Risk	<p>Water is an essential resource for the NTPC, and hence water scarcity can significantly impact the operations of NTPC.</p>	<p>The proactive measures for water conservation include process improvements and technology adoption in all possible manners. Some of the key measures being adopted at power generating stations are:</p> <ul style="list-style-type: none"> Optimisation of cycles of concentration (COC) Implementation of ZLD systems to reduce freshwater consumption Adoption of Air-Cooled Condenser (ACC) based cooling in water stressed locations etc. and planning to adopt the same at all future projects excluding only where technically not feasible. Dry Ash Evacuation System (DAES) & High Concentration Slurry Discharge (HCSD) technology to minimize use of water in Ash handling. 	Negative

S. No.	Material issue identified	Indicate whether risk or opportunity (R/O)	Rationale for identifying the risk / opportunity	In case of risk, approach to adapt or mitigate	Financial implications of the risk or opportunity (Indicate positive or negative implications)
3	Safety or Hazard Risk	Risk	With a large workforce involved in both operating stations as well as projects under construction, safety of people and property remains a potential risk.	To embed safety in all systems and processes, Safety policy has been revised and "SAP integrated Safety Framework" has been implemented across the organization to mitigate risks and eliminate hazards.	Negative
4	Digitalization	Opportunity	The dynamic business landscape is being driven through Digitalization. In this highly competitive era, digitalization is enabling faster decision making, reducing costs through automation and rendering long term competitive advantage.	NTPC is in the process of procuring an ESG digitization SaaS platform to strengthen its sustainability governance by enabling accurate, real-time tracking and reporting of ESG metrics, in line with evolving regulatory requirements and global best practices.	Positive

SECTION B: MANAGEMENT AND PROCESS DISCLOSURES

This section is aimed at helping businesses demonstrate the structures, policies and processes put in place towards adopting the NGRBC Principles and Core Elements.

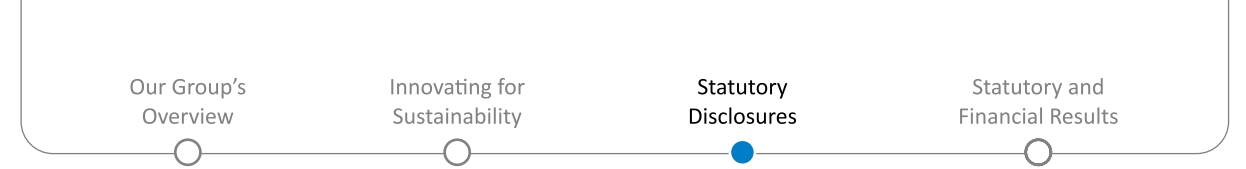
Disclosure Questions	P1	P2	P3	P4	P5	P6	P7	P8	P9
Policy and management processes									
	Businesses should conduct and govern themselves with integrity, and in a manner that is Ethical, Transparent and Accountable.	Businesses should provide goods and services in a manner that is sustainable and safe	Businesses should respect and promote the well-being of all employees, including those in their value chains	Businesses should respect the interests of and be responsive to all its stakeholders	Businesses should respect and promote human rights	Businesses should respect and make efforts to protect and restore the environment	Businesses, when engaging in influencing public and regulatory policy, should do so in a manner that is responsible and transparent.	Businesses should promote inclusive growth and equitable development	Businesses should engage with and provide value to their consumers in a responsible manner
1. a. Whether your entity's policy/policies cover each principle and its core elements of the NGRBCs. (Yes/No)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b. Has the policy been approved by the Board? (Yes/No)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Disclosure Questions	P1	P2	P3	P4	P5	P6	P7	P8	P9
c. Web Link of the Policies, if available	A, B, C, D, E, F, G, H, I, J, K	L, M, N	N, O, P, Q, R, S, T, U, V, W, X, Y, Z	AA, AB, B, C, K	AC, D, O, X	AD, AE, AF, AG, AH, AI, AJ, AK, L	While there is no specific policy with this title, the principles of responsible advocacy are implicitly covered in F, H	AB, M, O, X	While not addressed by a specific policy, providing value to consumers is an implicit goal of NTPC's operations. Relevant points covered in K, L

Policies specific to the principles are:

- A. Code for prevention of Insider Trading in the securities of NTPC — (P1)
- B. Policy for determination of materiality of events or information for disclosure — (P1, P4)
- C. Dividend Distribution Policy of NTPC Limited — (P1, P4)
- D. Whistle Blower Policy — (P1, P5)
- E. Policy on Materiality of Related Party Transactions and on dealing with Related Party Transactions — (P1)
- F. Anti Bribery and Anti Corruption Policy (ABAC) Policy 2023 — (P1, P7)
- G. Fraud Prevention Policy 2007 — (P1)
- H. Code of Conduct for Board Members and Senior Management Personnel — (P1, P7)
- I. CDA rules 2023 — (P1)
- J. Policy for Debarment from Business Dealings — (P1)
- K. Complaint Handling Policy — (P1, P4, P9)
- L. ESG Policy 2024 — (P2, P6, P9)
- M. Sustainable Supply Chain Policy — (P2, P8)
- N. Safety Policy 2022 — (P2, P3)
- O. NTPC Diversity, Equity & Inclusion (DEI) Policy — (P3, P5, P8)
- P. Service Rules 2019 — (P3)
- Q. Recruitment Policy 2020 — (P3)
- R. Promotion Policy Workmen 2014 — (P3)
- S. Promotion Policy Supervisors 2014 — (P3)
- T. Promotion Policy Executives 2021 — (P3)
- U. Policy on HIV-AIDS at Workplace 2019 — (P3)
- V. Placement and Transfer Policy 2021 — (P3)
- W. Job Rotation Policy 2019 — (P3)
- X. Equal Opportunity Policy 2019 — (P3, P5, P8)
- Y. Career Development and Succession Planning Policy 2019 — (P3)
- Z. Training Policy For Directors — (P3)
- AA. Policy for determining Material Subsidiaries — (P4)
- AB. NTPC Policy for CSR 2022— (P4, P8)
- AC. Human Rights Policy 2019 — (P5)
- AD. Waste Management Policy 2022 — (P6)
- AE. Water Policy 2022 — (P6)
- AF. Rainwater Harvesting Policy 2018 — (P6)
- AG. Environment Policy — (P6)
- AH. Integrated Plastic Management Policy 2019 — (P6)
- AI. E-Waste Policy 2014 — (P6)
- AJ. Biodiversity Policy 2018 — (P6)
- AK. Ash Policy 2015 — (P6)

All policies relevant to external stakeholders are available on NTPC's website link: <https://www.ntpc.co.in/sustainability/policies>



Disclosure Questions	P1	P2	P3	P4	P5	P6	P7	P8	P9
2. Whether the entity has translated the policy into procedures. (Yes / No)	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No
3. Do the enlisted policies extend to your value chain partners? (Yes/No)	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No
4. Name of the national and international codes / certifications / labels / standards (e.g. Forest Stewardship Council, Fairtrade, Rainforest Alliance, Trustee standards (e.g. SA 8000, OHSAS, ISO, BIS) adopted by your entity and mapped to each principle.	SEBI LODR requirement	ISO 9001 OSHAS 18001	ISO 45001 OSHAS 18001	Schedule II part D SEBI regulation 2015	Companies Act 2013, Schedule II part D SEBI regulation 2015	ISO 14001, ISO 50001 OHSAS 18001	SEBI LODR requirement	Com-panies Act 2013	SDGs
5. Specific commitments, goals and targets set by the entity with defined timelines, if any.	Zero cases of adverse business ethics	At NTPC, we are committed to reduce our fatality rate to zero	At NTPC, we are committed to reduce our fatality rate to zero	NA	We are committed to ensuring no human rights violation throughout our supply chain	We are committed to reduce our energy intensity by 12% by 2032, as well as reduce our specific water consumption by 34.38% by 2032. We are also planning to plant 47 million tree saplings by 2032 from 2012 baseline			We are targeting to increase the number of cumulative beneficiaries of our community development projects to 18 million people by 2032
6. Performance of the entity against the specific commitments, goals and targets along-with reasons in case the same are not met.	1 case in FY 24-25	4 fatalities reported in FY 24-25	4 fatalities reported in FY 24-25			4.88 % reduction in Net energy intensity and 40 million trees planted.			16.3 million people reached so far

Governance, leadership and oversight

- 7. Statement by director responsible for the business responsibility report, highlighting ESG related challenges, targets and achievements (listed entity has flexibility regarding the placement of this disclosure)

The statement of CMD can be found at the page no 18 of our Integrated Annual Report 2024-25.

Disclosure Questions	P1	P2	P3	P4	P5	P6	P7	P8	P9
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8. Details of the highest authority responsible for implementation and oversight of the Business Responsibility Policy (ies).	DIN Number	00307037							
	Name	Gurdeep Singh							
	Designation	Chairman & Managing director							
	Telephone No	011-24360044							
	Email ID	cmd@ntpc.co.in							

9. Does the entity have a specified Committee of the Board / Director responsible for decision making on sustainability related issues? (Yes / No). If yes, provide details.	Yes, we have the Board level Corporate Social Responsibility and Sustainability Committee along with Risk Management Committee. In addition, we also have a management level committee, named ESG and Climate Change Committee that operate under the purview of Director (Operations). The detailed structure can be found at https://www.ntpc.co.in/sustainability/governance								
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10. Details of Review of NGRBCs by the Company:

Subject for Review	Indicate whether review was undertaken by Director / Committee of the Board/Any other Committee									Frequency (Annually/ Half yearly/ Quarterly/ Any other – please specify)								
	P 1	P 2	P 3	P 4	P 5	P 6	P 7	P 8	P 9	P 1	P 2	P 3	P 4	P 5	P 6	P 7	P 8	P 9
Performance against above policies and follow up action	Yes																	
Compliance with statutory requirements of relevance to the principles, and rectification of any non-compliances	Yes									Quarterly/ as & when required.								
11. Has the entity carried out independent assessment/ evaluation of the working of its policies by an external agency? (Yes/No). If yes, provide name of the agency.	P 1	P 2	P 3	P 4	P 5	P 6	P 7	P 8	P 9	Yes, NTPC has undertaken Reasonable assurance of its Integrated Annual Report / BRSR as per the GRI standards by M/s Bureau Veritas. This includes reviewing of policies and procedures. The Details of the same can be found at page no: 337								

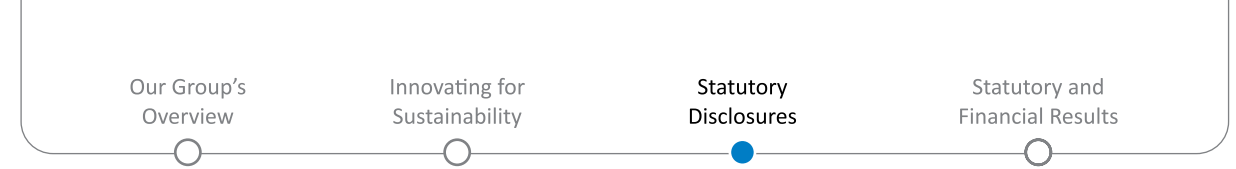
12. If answer to question (1) above is “No” i.e. not all Principles are covered by a policy, reasons to be stated:

The question is not applicable to NTPC as all the NGRBC principles are covered under our policies.

SECTION C: PRINCIPLE WISE PERFORMANCE DISCLOSURE

This section is aimed at helping entities demonstrate their performance in integrating the Principles and Core Elements with key processes and decisions. The information sought is categorized as “Essential” and “Leadership”. While the essential indicators are expected to be disclosed by every entity that is mandated to file this report, the leadership indicators may be voluntarily disclosed by entities which aspire to progress to a higher level in their quest to be socially, environmentally, and ethically responsible

PRINCIPLE 1 Businesses should conduct and govern themselves with integrity, and in a manner that is Ethical, Transparent and Accountable.



Essential Indicators

1. Percentage coverage by training and awareness programs on any of the principles during the financial year:

Segment	Total number of training and awareness programs held	Topics / principles covered under the training and its impact	% age of persons in respective category covered by the awareness programs
Board of Directors	1	P3	12.50 %
Key Managerial Personnel	9	P1 to P7	28.57%
Employees other than BoD and KMPs	3521	P1, P3, P6, P8	89.87 %
Workers**	1077	P1, P3, P6, P8	85.15 %

** Other than Permanent Workers Excluded

2. Details of fines / penalties /punishment / award / compounding fees / settlement amount paid in proceedings (by the entity or by directors / KMPs) with regulators/ law enforcement agencies / judicial institutions, in the financial year, in the following format (Note: the entity shall make disclosures on the basis of materiality as specified in Regulation 30 of SEBI (Listing Obligations and Disclosure Obligations) Regulations, 2015 and as disclosed on the entity's website):

Monetary					
Particulars	NGRBC Principle	Name of the regulatory / enforcement agencies / judicial institutions	Amount (in INR)	Brief of the Case	Has an appeal been preferred? (Yes/No)
Penalty/Fine	NA	Deputy Commissioner BEGUMPET	₹20,000	Unreconciled ITC- Paid the whole demand	No
	NA	Deputy Commissioner, Sector-8 Gautam Budha Nagar	₹89,094	Mismatch in outward liability as per GSTR-9 and GSTR-9C	No
	NA	Deputy Commissioner BEGUMPET	₹1,29,131	difference in tax liability as per GSTR1 with GSTR3B, ITC reversal for common credit, ITC reversal for blocked credit u/s 17(5) and difference in ITC pre and post filing of the GSTR9. Proportionate reversal of ITC at SR HQ in respect of proportion of cost of SR HQ transferred to Ramagundam	No
Settlement	NIL	NIL	NIL	NIL	NIL
Compounding Fee	NIL	NIL	NIL	NIL	NIL
Non-Monetary					
Imprisonment	NIL	NIL	NIL	NIL	NIL
Punishment	NIL	NIL	NIL	NIL	NIL

3. Of the instances disclosed in Question 2 above, details of the Appeal/ Revision preferred in cases where monetary or non-monetary action has been appealed.

No instances were reported in question 2 above, hence not applicable.

4. Does the entity have an anti-corruption or anti-bribery policy? If yes, provide details in brief and if available, provide a web-link to the policy.

Yes, NTPC has an Anti-Bribery and Anti-Corruption (ABAC) policy in place to ensure its business is conducted in accordance with the highest ethical standards. The same can be accessed through https://www.ntpc.co.in/sites/default/files/policy-documents/NTPC-ABAC-Policy-2023_0.pdf

5. Number of Directors/KMPs/employees/workers against whom disciplinary action was taken by any law enforcement agency for the charges of bribery/ corruption:

Particulars	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
Directors	0	0
KMPs	0	0
Employees	1	0
Workers	0	0

6. Details of complaints with regard to conflict of interest:

Particulars	FY 2024-25 (Current Financial Year)		FY 2023-24 (Previous Financial Year)	
	Number	Remarks	Number	Remarks
Number of complaints received in relation to issues of Conflict of Interest of the Directors	0	NA	0	NA
Number of complaints received in relation to issues of Conflict of Interest of the KMP's	0	NA	0	NA

7. Provide details of any corrective action taken or underway on issues related to fines / penalties / action taken by regulators/ law enforcement agencies/ judicial institutions, on cases of corruption and conflicts of interest.

Yes, the Company has a well-defined "Code of Conduct for Board Members and Senior Management Personnel" in place for Board Members and Senior Management Personnel (SMP). As per the code, all Directors/KMPs make disclosures regarding all material, financial and commercial transactions where they or any of their relatives have personal interest that may have a potential conflict with the interest of the company at large. A confirmation on compliance with the Code of Conduct by all the Senior Management Personnel is made in the Corporate Governance Report forming part of the Annual Report. The Code of Conduct can be accessed at - <https://ntpc.co.in/sustainability/policies>

8. Number of days of accounts payables ((Accounts payable *365) / Cost of goods/services procured) in the following format:

Particulars	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
Number of days of accounts payables	30.19	30.62

9. Open-ness of business provide details of concentration of purchases and sales with trading houses, dealers, and related parties along-with loans and advances & investments, with related parties, in the following format:

Parameter	Metrics	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
Concentration of Purchases	a. Purchases from trading houses as % of total purchases	0	0
	b. Number of trading houses where purchases are made from	0	0
	c. Purchases from top 10 trading houses as % of total purchases from trading houses	0	0
Concentration of Sales	a. Sales to dealers / distributors as % of total sales	91.26 %	95.92%
	b. Number of dealers / distributors to whom sales are made	71	71
	c. Sales to top 10 dealers / distributors as % of total sales to dealers / distributors	64.64 %	64.11 %
Share of RPTs in	a. Purchases (Purchases with related parties / Total Purchases)	0.78%	0.88%
	b. Sales (Sales to related parties / Total Sales)	1.45%	1.65%
	c. Loans & advances (Loans & advances given to related parties / Total loans & advances)	9.39%	11.04%
	d. Investments (Investments in related parties / Total Investments made)	99.43%	99.32%

Leadership Indicators

- Awareness programs conducted for value chain partners on any of the principles during the financial year:
During FY 24-25, we have conducted 32 capacity building workshops through various Vendor Development Programs.
- Does the entity have processes in place to avoid/ manage conflict of interests involving members of the Board? (Yes/ No) If yes, provide details of the same.
Yes, NTPC has a robust system in place to avoid/ manage conflict of interests involving members of the Board.

PRINCIPLE 2 Businesses should provide goods and services in a manner that is sustainable and safe.

Essential Indicators

1. Percentage of R&D and capital expenditure (capex) investments in specific technologies to improve the environmental and social impacts of product and processes to total R&D and capex investments made by the entity, respectively.

Particulars	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)	Details of Improvements in environmental and social impacts
R&D	75.27 %	86.30 %	Green Hydrogen, CCU, Ash, Waste to Energy etc.
Capex	38.77 %	28.96 %	FGD, RE, Hydro, Energy Conservation

2. a. Does the entity have procedures in place for sustainable sourcing?

No, sustainability is not a criterion for sourcing as of now. But almost all our procurement happens from big PSUs / MNCs who are ESG compliant and disclose their sustainability performances in public domain.

b. If yes, what percentage of inputs were sourced sustainably?

Not Available

3. Describe the processes in place to safely reclaim your products for reusing, recycling, and disposing at the end of life, for (a) Plastics (including packaging) (b) E-waste (c) Hazardous waste and (d) other waste.

NTPC's business is generation of electricity, and the only physical by-product of significance is fly ash. NTPC does not manufacture or market any consumer products having plastic packaging, electronic goods, or similar items typically associated with end-of-life product waste.

1. Electricity is NTPC's principal product and is a service consumed instantaneously at the point of use. As such, it does not result in any reclaimable or residual waste that would require end-of-life processing or disposal.

2. Fly ash, a by-product of coal-based power generation, is the only tangible output for which end-of-life handling is relevant. NTPC has in place robust processes for ash management and its productive utilisation in several avenues like:

- o Cement and construction industries,
- o Road and embankment construction,
- o Fly ash brick manufacturing, ash based products, mine filling etc.

Detailed disclosures on ash handling are available in **Manufactured Capital section** of the Annual Report outlining initiatives and utilisation practices and providing quantitative data and disposal mechanisms.

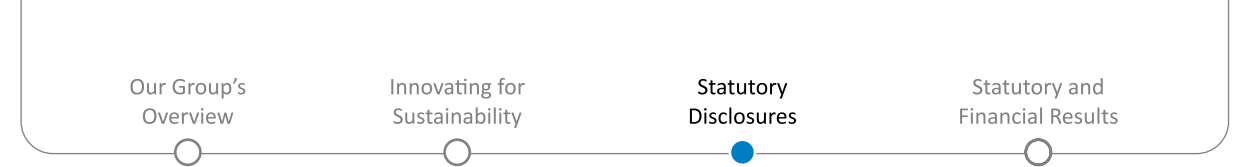
Though, NTPC has also disclosed practices for the safe handling of **e-waste, hazardous waste, and other operational waste**, these are not our product, but waste generated from auxiliary processes. These details are also included in the Natural Capital and other BRSR sections.

4. Whether Extended Producer Responsibility (EPR) is applicable to the entity's activities (Yes / No). If yes, whether the waste collection plan is in line with the Extended Producer Responsibility (EPR) plan submitted to Pollution Control Boards? If not, provide steps taken to address the same.

EPR is applicable to NTPC specifically under the 'Importer' category as defined by the Plastic Waste Management (PWM) Rules. This applies when we import any products that include plastic packaging.

NTPC does not fall under the EPR categories of 'Producer,' 'Brand Owner,' or 'Plastic Waste Processor.'

Waste collection & disposal plan is followed as per CPCB Guidelines.



Leadership Indicators

1. Has the entity conducted Life Cycle Perspective / Assessments (LCA) for any of its products (for manufacturing industry) or for its services (for service industry)? If yes, provide details in the following format?

Presently, NTPC is conducting LCA study of thermal electricity generation at NTPC Sipat.

2. If there are any significant social or environmental concerns and/or risks arising from production or disposal of your products / services, as identified in the Life Cycle Perspective / Assessments (LCA) or through any other means, briefly describe the same along-with action taken to mitigate the same.

NA.

3. Percentage of recycled or reused input material to total material (by value) used in production (for manufacturing industry) or providing services (for service industry).

Indicate input material	Recycled or re-used input material to total material	
	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
Waste Water	38%	25%

4. Of the products and packaging reclaimed at end of life of products, amount (in metric tons) reused, recycled, and safely disposed, as per the following format:

Particulars	FY 2024-25 (Current Financial Year)			FY 2023-24 (Previous Financial Year)		
	Re-used	Recycled	Safely Disposed	Re-used	Recycled	Safely Disposed
Plastics (including packaging)	0.25	166.27	356.63	5	85.58	282.98
E-Waste	0.00	74.61	0.00	0	43.71	787.7
Hazardous waste	0	3445.54	1646.45	0	1262.97	1666.79
Other Waste	540.95	35048.56	9199.47	13300.38	27468.00	88178.25

5. Reclaimed products and their packaging materials (as percentage of products sold) for each product category.

There is no scope for reclaiming packaging materials in Energy generation business.

PRINCIPLE 3 Businesses should respect and promote the well-being of all employees, including those in their value chains

Essential Indicators

1. a. Details of measures for the well-being of employees:

Category	% of employees covered by										
	Total (A)	Health Insurance		Accident Insurance		Maternity Benefits		Paternity Benefits		Day care facilities	
		Number (B)	% (C/A)	Number (C)	% (C/A)	Number (D)	% (D/A)	Number (E)	% (E/A)	Number (F)	% (F/A)
Permanent Employees											
Male	11416	11416	100.00%	11416	100.00%			11416	100.00%	11416	100.00%
Female	879	879	100.00%	879	100.00%	879	100.00%			879	100.00%
Total	12295	12295	100.00%	12295	100.00%	879	7.15%	11416	92.85%	12295	100.00%

Category	% of employees covered by										
	Total (A)	Health Insurance		Accident Insurance		Maternity Benefits		Paternity Benefits		Day care facilities	
		Number (B)	% (C/A)	Number (C)	% (C/A)	Number (D)	% (D/A)	Number (E)	% (E/A)	Number (F)	% (F/A)
Other than Permanent Employees											
Male	1,450	1450	100.00%	1450	100.00%			0	0.00%	1450	100.00%
Female	176	176	100.00%	176	100.00%	0	0.00%			176	100.00%
Total	1626	1626	100.00%	1626	100.00%	0	0.00%	0	0.00%	1626	100.00%

b. Details of measures for the well-being of workers:

Category	% of workers covered by										
	Total (A)	Health Insurance		Accident Insurance		Maternity Benefits		Paternity Benefits		Day care facilities	
		Number (B)	% (C/A)	Number (C)	% (C/A)	Number (D)	% (D/A)	Number (E)	% (E/A)	Number (F)	% (F/A)
Permanent Workers											
Male	4,013	4013	100.00%	4013	100.00%			4013	100.00%	4013	100.00%
Female	338	338	100.00%	338	100.00%	338	100.00%			338	100.00%
Total	4351	4351	100.00%	4351	100.00%	338	7.77%	4013	92.23%	4351	100.00%
Other than Permanent Workers											
Male	1,22,345	122345	100.00%	122345	100.00%			0	0.00%	0	0.00%
Female	2,302	2302	100.00%	2302	100.00%	0	0.00%			0	0.00%
Total	124647	124647	100.00%	124647	100.00%	0	0.00%	0	0.00%	0	0.00%

c. Spending on measures towards well-being of employees and workers (including permanent and other than permanent) in the following format –

Particulars	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
Cost incurred on wellbeing measures as a % of total revenue of the company	3.28%	3.42%

2. Details of retirement benefits, for Current FY and Previous Financial Year.

Benefits	FY 2024-25 (Current Financial Year)			FY 2023-24 (Previous Financial Year)		
	No. of employees covered as a % of total employees	No. of workers covered as a % of total workers	Deducted and deposited with the authority (Y/N/N. A)	No. of employees covered as a % of total employees	No. of workers covered as a % of total workers	Deducted and deposited with the authority (Y/N/N.A.)
PF	100%	100%	Y	100%	100%	Y
Gratuity	100%	0%	Y	100%	0%	Y

Benefits	FY 2024-25 (Current Financial Year)			FY 2023-24 (Previous Financial Year)		
	No. of employees covered as a % of total employees	No. of workers covered as a % of total workers	Deducted and deposited with the authority (Y/N/N. A)	No. of employees covered as a % of total employees	No. of workers covered as a % of total workers	Deducted and deposited with the authority (Y/N/N.A.)
ESI	100%	69%	Locations where ESI is not applicable and for workers earning monthly wage over Rs. 21,000, benefits of Employee Compensation Act, 1923 are extended	100%	72%	Y
Others-please specify	NA	NA	NA	NA	NA	NA

3. Accessibility of workplaces

Are the premises / offices of the entity accessible to differently abled employees and workers, as per the requirements of the Rights of Persons with Disabilities Act, 2016? If not, whether any steps are being taken by the entity in this regard.

YES, all our offices are accessible to differently abled employees and workers, as per the requirements of the Rights of Persons with Disabilities Act, 2016.

4. Does the entity have an equal opportunity policy as per the Rights of Persons with Disabilities Act, 2016? If so, provide a web-link to the policy.

YES, our equal opportunity policy can be found at https://www.ntpc.co.in/sites/default/files/policy-documents/Equal_Opportunity_Policy%202019.pdf

5. Return to work and Retention rates of permanent employees and workers that took parental leave.

Gender	Permanent employees		Permanent workers	
	Return to work rate	Retention rate	Return to work rate	Retention rate
Male	100 %	100 %	100 %	100 %
Female	100 %	100 %	100 %	100 %
Total	100 %	100 %	100 %	100 %

6. Is there a mechanism available to receive and redress grievances for the following categories of employees and worker? If yes, give details of the mechanism in brief.

Category	Yes/No (If yes, then give details of the mechanism in brief)
Permanent Workers	Yes, for addressing the grievances of employees, NTPC has a time bound Grievance Redressal Mechanism for all employees at each project. The employee grievances are also captured through different forums like participative forums, communication meetings, employee organizational climate survey etc.
Other than Permanent Workers	
Permanent Employees	
Other than Permanent Employees	

7. Membership of employees and worker in association(s) or Unions recognized by the listed entity:

Category	FY 2024-25 (Current Financial Year)			FY 2023-24 (Previous Financial Year)		
	Total employees/ workers in respective category (A)	No. of employees/ workers in respective category, who are part of associations(s) or Union (B)	% (B/A)	Total employees/ workers in respective category (C)	No. of employees/ workers in respective category, who are part of association(s) or Union (D)	% (D/C)
Total Permanent Employees	12295	8350	67.91%	11429	8004	70.03%
Male	11416	7854	68.80%	10604	7543	71.13%
Female	879	496	56.43%	825	461	55.88%
Total Permanent Workers	4351	4351	100.00%	4931	4931	100.00%
Male	4013	4013	100.00%	4541	4541	100.00%
Female	338	338	100.00%	390	390	100.00%

8. Details of training given to employees and workers:

Category	FY 2024-25 (Current Financial Year)					FY 2023-24 (Previous Financial Year)				
	Total (A)	On Health and safety measures		On Skill upgradation		Total (D)	On Health and safety measures		On Skill upgradation	
		No.(B)	% (B/A)	No.(C)	% (C / A)		No.(E)	% (E / D)	No. (F)	% (F / D)
Employees										
Male	12,866	4,468	34.73%	1933	15.02%	12258	3019	24.63%	263	2.15%
Female	1,055	278	26.35%	184	17.44%	974	182	18.69%	63	6.47%
Total	13,921	4,746	34.09%	2,117	15.21%	13232	3201	24.19%	326	2.46%
Workers										
Male	4,013	1498	37.33%	316	7.87%	4541	1514	33.34%	113	2.49%
Female	338	146	43.20%	19	5.62%	390	151	38.72%	7	1.79%
Total	4,351	1,644	37.78%	335	7.70%	4931	1665	33.77%	120	2.43%

9. Details of performance and career development reviews of employees and worker:

Category	FY 2024-25 (Current Financial Year)			FY 2023-24 (Previous Financial Year)		
	Total (A)	No. (B)	% (B / A)	Total (C)	No. (D)	% (D / C)
Employees						
Male	12,866	12,866	100%	12258	12258	100.00%
Female	1,055	1,055	100%	974	974	100.00%
Total	13,921	13,921	100%	13232	13232	100.00%
Workers						
Male	4,013	4,013	100%	4541	4541	100.00%
Female	338	338	100%	390	390	100.00%
Total	4,351	4,351	100%	4931	4931	100.00%

10. Health and safety management system:

a. Whether an occupational health and safety management system has been implemented by the entity? **(Yes/ No)**. If yes, the coverage of such system?

Yes, we have established a robust health and safety management system that covers all aspects including compliance with legal & regulatory provisions and other health and safety requirements. Our system broadly covers Safety Policy and objectives, safety risk management, safety assurance and safety promotions. Our safety policy, safety framework, safety rules, statutory documents, safety manual and Technical Compliance Documents (Directives and Guidance notes) provide guidance, instructions, checklists, and procedures to ensure compliance to system requirements.

b. What are the processes used to identify work-related hazards and assess risks on a routine and non-routine basis by the entity?

In accordance with our safety policy principles, we conduct HIRA (Hazard identification and risk assessment) for routine and non-routine activities at our plant / project locations as per standard procedure and risk matrix. We conduct JSA (Job Safety Analysis) for all routine and non-routine jobs and ensure that control measures are implemented before start of the work and are maintained during the period of the work. The hierarchy of risk control measures followed in NTPC are elimination of hazards, substitution of hazard, engineering controls, administrative controls and PPEs in respective order.

c. Whether you have processes for workers to report the work-related hazards and to remove themselves from such risks.

Yes. Workers are sensitized specifically during induction training, regarding their right and responsibility to report unsafe or dangerous situations. Workers are allowed to report any work related hazard anonymously also. NTPC has launched "Suraksha" app for reporting work-related hazards and incidents. It is regularly updated for user experience and new features. Employees use this app extensively for reporting hazards and incidents.

d. Do the employees / workers of the entity have access to non-occupational medical and healthcare services?

Yes, NTPC prioritizes employee health, safety, and well-being through various measures. Our NTPC hospitals provide round-the-clock medical care for employees and their dependents. We have partnerships with over 250 specialized hospitals in 25 cities for specialized treatments. Power plants are equipped with ambulances featuring Advanced / Basic Life Support systems for emergencies.

For all notified areas, our workers are covered under ESI (employee state insurance) scheme as per eligibility and they are provided access to health care services from nearby ESI hospitals and ESI tied up hospitals free of cost.

11. Details of safety related incidents, in the following format: -

Safety Incident/Number	Category	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
Lost Time Injury Frequency Rate (LTIFR) (per one million-person hours worked)	Employees	0.091	0.094
	Workers	0.097	0.086
Total recordable work-related injuries	Employees	3	5
	Workers	29	29
No. of fatalities	Employees	0	0
	Workers	4	4
High consequence work-related injury or ill-health (excluding fatalities)	Employees	0	0
	Workers	0	0

12. Describe the measures taken by the entity to ensure a safe and healthy workplace.

NTPC has a robust safety policy confirming our utmost commitment to ensure workplace safety. NTPC has put in place an elaborate Safety Framework which contains guidance to the various functions and roles inside the organization. It contains a set of expectations that ensure that all efforts are aligned with the overall policy and objectives of NTPC. NTPC implemented SAP integration of safety framework in all stations. NTPC has developed 23 standard safety training modules for capacity building of workers according to their potential exposure conditions during actual work. NTPC has developed 25 safety audiobooks containing stories of different accidents which are played among the workers for development of correct risk perception & improving behavior-based safety. NTPC has a strong permit system to ensure safety in our operational plants and it is based on our electrical and mechanical safety rules. NTPC has developed and implemented internal procedures for 14 safety management related processes (Technical Compliance documents). Before starting a job, a Job Safety Analysis (JSA) is performed to identify hazards and mitigation measures. The area engineer or supervisor delivers toolbox talks (TBT) to workers, highlighting the hazards involved in the task & safety measures to be taken as per the JSA. Periodic mass pep talks on general safety topics are conducted to create awareness and reinforce safety practices among workers. The adherence level to safety systems of our operations is regularly assessed through internal and external safety audits. NTPC has developed Suraksha mobile applications for real time reporting of unsafe acts / conditions, injuries etc. The trainings, mass peptalks and tool-box talks are also updated on a real time basis through the Suraksha application. All are archived automatically through SAP ERP and closure actions on unsafe acts/ conditions are also ensured through SAP notification. NTPC has developed a centralized safety dashboard and safety portal for making of all relevant statistics and information on safety available to the employees.

13. Number of Complaints on the following made by employees and workers:

Parameter	FY 2024-25 (Current Financial Year)			FY 2023-24 (Previous Financial Year)		
	Filed during the year	Pending resolution at the end of year	Remarks	Filed during the year	Pending resolution at the end of year	Remarks
Working Conditions	0	0	NA	0	0	NA
Health & Safety	0	0	NA	0	0	NA

NTPC has a pro-active reporting culture for all unsafe conditions and acts. NTPC promotes reporting of the same by one and all. The Suraksha Mobile application is extensively used by the employees to report any unsafe conditions/unsafe acts observed instantly on real-time basis. Apart from that, we have several forums where reporting / feedback from workers and employees regarding safety practices or working conditions are encouraged. This proactive culture of reporting has helped NTPC in reducing the complaints of employees and workers to zero.

14. Assessments for the year:

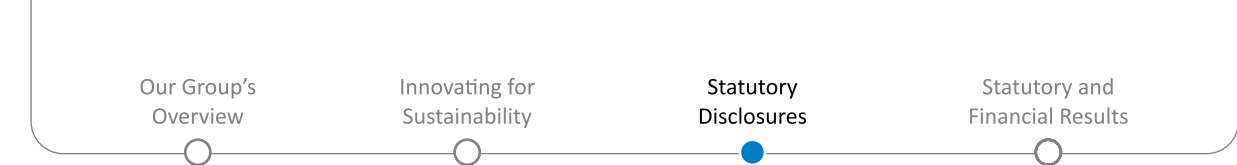
	% of your plants and offices that were assessed (by entity or statutory authorities or third parties)
Health and safety practices	100 % of all our plants (except offices)
Working Conditions	100 % of all our plants (except offices)

*All our offices are OHSHA/ ISO certified

100 % of our plants are assessed by third parties (by external auditors and / or statutory authorities) for working conditions and Health & safety practices. Our offices (Regional office, Corp offices, Inspection offices etc.) are not covered in such assessments

15. Provide details of any corrective action taken or underway to address safety-related incidents (if any) and on significant risks / concerns arising from assessments of health & safety practices and working conditions.

Significant risks are identified during conducting HIRA and works are taken up only when the risks are mitigated up to an



acceptable level by applying control measures. All incidents are investigated as per our procedure and corrective actions are taken as per recommendation of enquiries done. This is a part of our safety system.

Leadership Indicators

1. Does the entity extend any life insurance or any compensatory package in the event of death of:

- (A) Employees: Yes
- (B) Workers: Yes

2. Provide the measures undertaken by the entity to ensure that statutory dues have been deducted and deposited by the value chain partners.

We collect TDS from all our vendors to ensure the submission of the applicable taxes. In addition to this, we also have clauses in our GCC to ensure that all the statutory dues and fines are collected as applicable.

3. Provide the number of employees / workers having suffered high consequence work-related injury / ill-health / fatalities (as reported in Q11 of Essential Indicators above), who have been rehabilitated and placed in suitable employment or whose family members have been placed in suitable employment:

Category	Total no. of affected employees/ workers		No. of employees/workers that are rehabilitated and placed in suitable employment or whose family members have been placed in suitable Employment	
	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
Employees	0	0	0	0
Workers	4	4	4	4

4. Does the entity provide transition assistance programs to facilitate continued employability and the management of career endings resulting from retirement or termination of employment? (Yes/ No)

YES, for more details refer to the human capital chapter at page 106.

5. Details on assessment of value chain partners:

	% of value chain partners (by value of business done with such partners) that were assessed
Health and safety practices	100 % (within our plant boundary)
Working Conditions	100 % (within our plant boundary)

* We have sustainability sourcing policies as well as sections in our GCC to ensure all our suppliers have relevant ISO and OHSAS certification

NTPC has a formal process of conducting contractor safety assessment for all the contractors working in NTPC operational plant premises. This is done extensively at all plants. However, we are in a process to digitize contractors' safety assessments through PRADIP (NTPC e-office system) to ensure mapping of safety performance of all such agencies.

6. Provide details of any corrective actions taken or underway to address significant risks / concerns arising from assessments of health and safety practices and working conditions of value chain partners.

For addressing significant risk, HIRA is conducted, and control measures are implemented as per risk control hierarchy in all activities inside NTPC premises. This includes activities of value chain partners inside our stations. HIRA is reviewed on an annual basis (or if required earlier) to understand whether any significant risk is left to be addressed or are adequately controlled. This is a continuous process.

Our agencies / contractors' workers are continuously trained for awareness about the hazards and their mitigation measures. In case of an unsafe practice on the part of an agency is observed then appropriate corrective actions are initiated as per contractual provision.

PRINCIPLE 4: Businesses should respect the interests of and be responsive to all its stakeholders

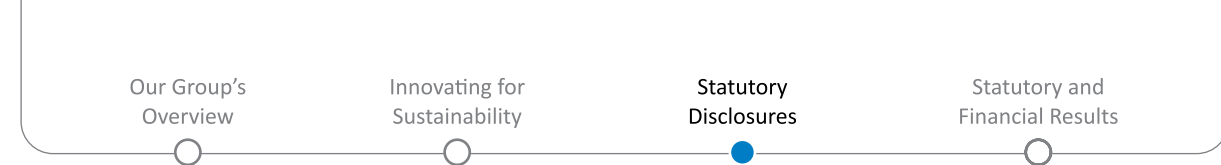
Essential Indicators

1. Describe the processes for identifying key stakeholder groups of the entity.

Stakeholder engagement is a continuous process, encompassing interactions at various management levels and through diverse communication channels. To ensure the identification of key stakeholders, the NTPC has devised a detailed stakeholder engagement framework, as well as undertake stakeholder and materiality assessment exercise at a regular frequency. Our detailed methodology for stakeholder identification can be found at: <https://www.ntpc.co.in/sustainability/stakeholder-management>.

2. List stakeholder groups identified as key for your entity and the frequency of engagement with each stakeholder group.

Stakeholder group	Whether identified as Vulnerable & Marginalized Group (Yes/no)	Channel of Communication (Email, SMS, Newspaper, Pamphlets, Advertisement, Community meetings, Notice board, website, others)	Frequency of engagement (Annually/ Half yearly/ Quarterly/ other-please specify)	Purpose and scope of engagement including key topics and concerns raised during such engagement
Government of India	No	<ul style="list-style-type: none"> Secretary level review Meeting with MoP, MoEF&CC, MoC, DPE, Parliamentary committees, CEA, NITI AAYOG etc. Letters / Emails 	<ul style="list-style-type: none"> Quarterly Need based 	<ul style="list-style-type: none"> 24x7 affordable power to all Maximizing infrastructure utilization Social development Mitigation of Climate Change & Environment conservation Promote Govt. schemes (viz. Make in India, Skill India, Swachh Bharat Mission, etc.)
Regulators	No	<ul style="list-style-type: none"> Public hearing Statutory audits & inspection Meeting for clearances, Consents and compliances 	<ul style="list-style-type: none"> Need based As per statutory provisions 	<ul style="list-style-type: none"> Optimum electricity tariff Compliance with changing business environment
Communities & NGO	Yes	<ul style="list-style-type: none"> Public hearings Village Development Advisory Committee (VDAC) Public information centers Project-based stakeholder meets 	<ul style="list-style-type: none"> Need based Annually 	<ul style="list-style-type: none"> Infrastructure development Quality of life Employment opportunities Land acquisition and R&R issues Increased community involvement



Stakeholder group	Whether identified as Vulnerable & Marginalized Group (Yes/no)	Channel of Communication (Email, SMS, Newspaper, Pamphlets, Advertisement, Community meetings, Notice board, website, others)	Frequency of engagement (Annually/ Half yearly/ Quarterly/ other-please specify)	Purpose and scope of engagement including key topics and concerns raised during such engagement
Investors & Lenders	No	<ul style="list-style-type: none"> Analyst and investors meeting Annual general meeting Review meets with bankers (Domestic and Foreign) 	<ul style="list-style-type: none"> Quarterly Annual Regular 	<ul style="list-style-type: none"> Improving Return on Investment Responses to Climate Change & Business sustainability Risk and governance compliance Increased disclosure on Environment, Social and Governance (ESG) aspects
Employees	No	<ul style="list-style-type: none"> Participative forums Communication meetings Employee surveys Intranet and website Trainings and workshops Internal magazines 	<ul style="list-style-type: none"> Defined frequency of concerned Fora Need based 	<ul style="list-style-type: none"> Professional growth Work life balance Health, safety and security Timely resolution of grievances Transparent appraisal and promotion cycle
Customers	No	<ul style="list-style-type: none"> Regional customer meets Regional power committees (RPCs) Commercial meetings / interactions Technical coordination committee Operation coordination committee Business partner meet Customer support services 	<ul style="list-style-type: none"> Monthly Quarterly Yearly Need based 	<ul style="list-style-type: none"> Resolving commercial issues Resolving technical issues
Suppliers	Yes, some of companies' suppliers belong to marginalized group	<ul style="list-style-type: none"> Pre-bid conference Suppliers meet, Vendor enlisting NTPC website 	<ul style="list-style-type: none"> Before tendering Need based 	<ul style="list-style-type: none"> Transparent dealings Timely payments Fair opportunities Sustainable Supply Chain
Media	No	<ul style="list-style-type: none"> Press releases Press conferences 	<ul style="list-style-type: none"> Need based Event based 	<ul style="list-style-type: none"> Information sharing Increased transparency

Leadership Indicators

1. Provide the processes for consultation between stakeholders and the Board on economic, environmental, and social topics or if consultation is delegated, how is feedback from such consultations provided to the Board.

Yes, we have the Board level Corporate Social Responsibility and Sustainability Committee along with Risk Management Committee. The concerned committees meet regularly with CSO and take reviews of all ESG related issues. The different processes for consultation are defined in Principle 4 Essential Indicators question number 2.

2. Whether stakeholder consultation is used to support the identification and management of environmental, and social topics (Yes / No). If so, provide details of instances as to how the inputs received from stakeholders on these topics were incorporated into policies and activities of the entity.

NTPC recognizes the importance of conducting stakeholder consultation and hence conducts a materiality assessment, which form a core component of our Integrated Annual Report and enable us to gain understanding of the relative importance of specific environmental, social, and economic issues and their potential impact on value creation. We have adopted a structured methodology for conducting stakeholder consultation assessment using a dedicated materiality survey at a regular interval (3 to 4 years), in which we engage both internal and external stakeholders. The details of which can be found at: <https://ntpc.co.in/sustainability/materiality-analysis>

3. Provide details of instances of engagement with, and actions taken to, address the concerns of vulnerable/marginalized stakeholder groups.

The details can be found on our website at <https://www.ntpc.co.in/sustainability/stakeholder-management>.

PRINCIPLE 5 Businesses should respect and promote human rights

Essential Indicators

1. Employees and workers who have been provided training on human rights issues and policy(ies) of the entity, in the following format:

Category	FY 2024-25 (Current Financial Year)			FY 2023-24 (Previous Financial Year)		
	Total (A)	No. of employees / workers covered (B)	% (B/A)	Total (C)	No. of employees / workers covered (D)	% (D/C)
Employees						
Permanent	12,295	1398	11.37%	11429	923	8.08%
Other than Permanent	1,626	70	4.31%	1803	240	13.31%
Total Employees	13,921	1,468	10.55%	13232	1163	8.79%
Workers						
Permanent	4,351	568	13.05%	4931	442	8.96%
Other than Permanent	124647	0	0.00%	111769	0	0.00%
Total Workers	128998	568	0.44%	116700	442	0.38%

2. Details of minimum wages paid to employees and workers, in the following format:

Category	FY 2024-25 (Current Financial Year)				FY 2023-24 (Previous Financial Year)					
	Total (A)	Equal to Minimum Wage		More than Minimum Wage		Total (D)	Equal to Minimum Wage		More than Minimum Wage	
		No. (B)	% (B/A)	No. (C)	% (C/A)		No. (E)	% (E/D)	No. (F)	% (F/D)
Employees										
Permanent	12,295	0	0.00%	12295	100.00%	11429	0	0.00%	11429	100.00%
Male	11,416	0	0.00%	11,416	100.00%	10604	0	0.00%	10604	100.00%
Female	879	0	0.00%	879	100.00%	825	0	0.00%	825	100.00%
Other than Permanent	1,626	0	0.00%	1626	100.00%	1803	0	0.00%	1803	100.00%
Male	1,450	0	0.00%	1,450	100.00%	1654	0	0.00%	1654	100.00%
Female	176	0	0.00%	176	100.00%	149	0	0.00%	149	100.00%
Workers										
Permanent	4,351	0	0.00%	4351	100.00%	4931	0	0.00%	4931	100.00%
Male	4,013	0	0.00%	4,013	100.00%	4541	0	0.00%	4541	100.00%
Female	338	0	0.00%	338	100.00%	390	0	0.00%	390	100.00%
Other than Permanent	1,24,647	0	0.00%	124647	100.00%	111769	0	0.00%	111769	100.00%
Male	1,22,345	0	0.00%	1,22,345	100.00%	109704	0	0.00%	109704	100.00%
Female	2,302	0	0.00%	2,302	100.00%	2065	0	0.00%	2065	100.00%

3. Details of remuneration/salary/wages, in the following format:

a. Median remuneration / wages:

Category	Male		Female	
	Number	Median Remuneration / salary / wages of respective category	Number	Median Remuneration / salary / wages of respective category
Board of Directors (BoD)*	10	₹95,17,069	1	₹13,40,000
Key Managerial Personnel**	20	₹1,02,08,346	1	₹52,34,049
Employees other than BoD and KMP	12846	₹4235273	1054	₹3791309
Workers	4013	₹2090547	338	₹2230890

*- Excluding govt nominee director(s).

** - All functional directors are part of KMP as well. This data is for the entire financial year.

b. Gross wages paid to females as % of total wages paid by the entity, in the following format:

Category	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
Gross wages paid to females as % of total wages	6.64 %	6.60%

4. Do you have a focal point (Individual/ Committee) responsible for addressing human rights impacts or issues caused or contributed to by the business?

Yes, the Director (HR) is responsible for addressing human rights impacts or issues caused or contributed to by the business.

5. Describe the internal mechanisms in place to redress grievances related to human rights issues.

NTPC has established robust internal mechanisms to address grievances related to human rights and decent labour practices. A formal Grievance Redressal Procedure is implemented across all NTPC units and governed by policies backed by statutory provisions. This system is enabled through an online portal, allowing employees and stakeholders to raise concerns in a transparent, structured, and fair manner. The procedure covers issues such as workplace dignity, discrimination, harassment, forced or child labour, and violation of equal opportunity norms. Internal Committees—including PoSH Committees and Redressal Committees—are responsible for investigating and resolving reported issues.

To reinforce human rights compliance, NTPC includes human rights clauses in all significant investment agreements and requires contractors, suppliers, and partners to adhere to its Code of Conduct. The policy mandates regular monitoring by Corporate HR, while compliance at the plant and regional levels is overseen by the respective heads. Additionally, awareness and sensitization training is conducted for employees and contractor personnel to uphold NTPC’s commitment to dignity, equality, and non-discrimination.

6. Number of Complaints on the following made by employees and workers:

Particulars	FY 2024-25 (Current Financial Year)			FY 2023-24 (Previous Financial Year)		
	Filed during the year	Pending resolution at the end of year	Remarks	Filed during the year	Pending resolution at the end of year	Remarks
Sexual Harassment	1	0	No action was recommended by the internal committee	1	0	1 case pertaining to FY 2022-23 was resolved in FY 2023-24.
Discrimination at workplace	0	0		0	0	
Child Labour	0	0		0	0	
Forced Labour/ Involuntary Labour	0	0		0	0	
Wages	0	0		0	0	
Other human rights related issues	0	0				

7. Complaints filed under the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013, in the following format:

Particulars	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
Total complaints reported under Sexual harassment on of women at workplace (prevention, prohibition and redressal) act, 2013 (posh)	1	1
Complaints on POSH as a % of Female employees / workers	0.03%	0.03%
Complaints on posh upheld	0	2

8. Mechanisms to prevent adverse consequences to the complainant in discrimination and harassment cases.

NTPC has formed the Internal Complaints Committees at our operational locations where complaints against sexual harassment can be registered, furthermore we have a dedicated complaint handling policy to safeguard the complainant. The link to our policy can be found at <https://www.ntpc.co.in/sites/default/files/policy-documents/Complaint-Handling-Policy.pdf>

9. Do human rights requirements form part of your business agreements and contracts?

Yes.

10. Assessments for the year:

	% of your plants and offices that were assessed (by entity or statutory authorities or third parties)
Child Labour	100%
Forced / Involuntary Labour	100%
Sexual Harassment	100%
Discrimination at workplace	100%
Wages	100%
Other-Please specify	100%

11. Provide details of any corrective actions taken or underway to address significant risks / concerns arising from the assessments at Question 9 above.

Appropriate action has been taken against the contractors / agencies who have been found guilty in such cases.

Leadership Indicators

1. Details of a business process being modified / introduced as a result of addressing human rights grievances/ complaints.

NTPC has implemented an in-house solution called ‘Contractors’ Labour Information Management System’ (CLIMS). This system has been implemented to streamline labour management processes, ensure the physical and social welfare of workers, comply with statutory requirements, and provide real-time information on the availability of workers. The system digitizes record-keeping, guaranteeing accurate disbursement of wages and other benefits to laborers deployed at your Company’s plants.

2. Details of the scope and coverage of any Human rights due diligence conducted.

100%

3. Is the premise/office of the entity accessible to differently abled visitors, as per the requirements of the Rights of Persons with Disabilities Act, 2016?

YES

4. Details on assessment of value chain partners :

	% of value chain partners (by value of business done with such partners) that were assessments *
Child Labour	100%
Forced/Involuntary Labour	100%
Sexual Harassment	100%
Discrimination at workplace	100%
Wages	100%
Other-Please specify	100%

* - Only for the value chain partners working in NTPC boundary

5. Provide details of any corrective actions taken or underway to address significant risks / concerns arising from the assessments at Question 4 above.

Appropriate action has been taken against the contractors / agencies who have been found guilty in such cases.

PRINCIPLE 6: Businesses should respect and make efforts to protect and restore the environment

Essential Indicators

1. Details of total energy consumption (in Joules or multiples) and energy intensity, in the following format:

Parameter	FY 2024-25 (Current Financial Year) (TJ)	FY 2023-24 (Previous Financial Year) (TJ)
From Renewable Sources		
Total Electricity Consumption (A)	26.13	0.00
Total Fuel Consumption (B)	5978.37	1098.64
Energy Consumption Through Other Sources (C)	0.00	0.00
Total Energy Consumed from Renewable Sources (A+B+C)	6004.50	1098.64
From Non-Renewable Sources		
Total Electricity Consumption (D)	321.77	309.90
Total Fuel Consumption (E)	3602308.19	3484425.78
Energy Consumption Through Other Sources (F)	0.00	0.00
Total Energy Consumed from Non-Renewable Sources (D+E+F)	3602629.96	3484735.68
Total Energy Consumed (A+B+C+D+E+F)	3608634.46	3485834.32
Energy Intensity Per Rupee of Turnover (Total Energy Consumed / Revenue From Operations) (TJ/Rs.)	0.0000021223	0.0000021036
Energy Intensity Per Rupee of Turnover Adjusted for Purchasing Power Parity (PPP) (Total Energy Consumed / Revenue from Operations Adjusted For PPP) (TJ/USD)	0.000043845884	0.000043460578
Energy Intensity in Terms of Physical Output (TJ/GWh)	9.67917242	9.63728341

Parameter	FY 2024-25 (Current Financial Year) (TJ)	FY 2023-24 (Previous Financial Year) (TJ)
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Energy Intensity (Optional) – The Relevant Metric May Be Selected by The Entity

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y/N) If yes, name of the external agency.

Yes, reasonable assurance has been conducted by M/s Bureau Veritas.

2. Does the entity have any sites / facilities identified as designated consumers (DCs) under the Performance, Achieve and Trade (PAT) Scheme of the Government of India? (Y/N) If yes, disclose whether targets set under the PAT scheme have been achieved. In case targets have not been achieved, provide the remedial action taken, if any.

After PAT cycle-III, NTPC has a stock of 228,725 ESCerts including balance from previous PAT cycle I & II. Measurement and verification under PAT cycle-IV & V has been completed in March 2022. Two NTPC stations, one under each cycle, have earned ESCerts however, the notification for the same is still awaited.

For us, Energy Conservation is not merely a cost reduction measure, but also an integral part of sustainable consumption strategy to conserve national energy resources. In this regard, adoption of higher capacity units has improved overall efficiency, leading to reduction in coal consumption per unit of generation. We are supplementing these efforts with co-firing of agro-residues and through implementation of Energy Efficiency Management System.

3. Provide details of the following disclosures related to water, in the following format:

Parameter	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
Water withdrawal by source (in kilolitres)		
(i) Surface water	6124488701.08	5952380275.83
(ii) Groundwater*	447613.00	0.00
(iii) Third party water		455000.00
(iv) Seawater / desalinated water	77767674.00	80670000.00
(v) Rainwater	2637651.80	2007800.00
Total volume of water withdrawal (in kilolitres) (i + ii + iii + iv + v)	6205341639.88	6035513075.83
Total volume of water consumption (in kilolitres)	1044120245.69	969882950.19
Water intensity per rupee of turnover (Water consumed / turnover) (Ltr/Rs)	0.61	0.59
Water intensity per rupee of turnover adjusted for Purchasing Power Parity (PPP) (Total water consumption / Revenue from operations adjusted for PPP) (Ltr/ \$)	12.69	12.09
Water intensity in terms of physical output (Ltr/ kWh)	2.80	2.68
Water intensity (optional) – the relevant metric may be selected by the entity		

*Ground water is used in township for domestic purpose with approval of Central Ground Water Board.

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y/N)
If yes, name of the external agency. Yes, assurance has been carried out by M/S BUREAU VERITAS.

4. Provide the following details related to water discharged:

Parameter	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
Water Discharge by Destination and Level of Treatment (In Kiloliters)		
(I) To Surface Water	5,07,22,06,690	4,88,92,88,342
- No Treatment*	5,07,22,06,690	4,88,92,88,342
- With Treatment – Primary & secondary treatment		
(ii) To Groundwater		
- No Treatment		
- With Treatment – Please Specify Level of Treatment		
(iii) To Seawater	4,62,19,411	7,98,47,166
- No Treatment	4,62,19,411	7,98,47,166
- With Treatment – Please Specify Level of Treatment		
(iv) Sent to Third Parties		
- No Treatment		
- With Treatment – Please Specify Level of Treatment		
(v) Others		
- No Treatment		
- With Treatment – Please Specify Level of Treatment		
Total water discharged (in kilolitres)	5,11,84,26,101	4,96,91,35,508

*Corresponding water is not effluent but fresh water only coming from discharge of cooling water in open cycle TPPs, without adverse change in water quality.

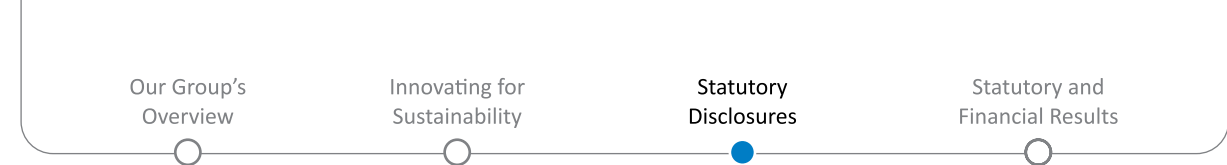
5. Has the entity implemented a mechanism for Zero Liquid Discharge? If yes, provide details of its coverage and implementation.

Yes. ZLD plants are the plants where effluent is not discharged from the main plant boundary. Majority of thermal power plants of NTPC are ZLD compliant.

6. Please provide details of air emissions (other than GHG emissions) by the entity, in the following format:

Parameter	Please specify unit	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
NOx	Metric tonnes	621791.00	599314.72
SOx	Metric tonnes	1605071.00	1642839.65
Particulate matter (PM)	Metric tonnes	83599.00	90282.78
Persistent organic pollutants (POP)	Metric tonnes	0.00	0.00
Volatile organic compounds (VOC)	Metric tonnes	0.00	0.00
Hazardous air pollutants (HAP) (Mercury)	Metric tonnes	8.66	7.76
Others –	Metric tonnes		

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y/N)
If yes, name of the external agency.



Yes, reasonable assurance is being carried out by M/S BUREAU VERITAS

7. Provide details of greenhouse gas emissions (Scope 1 and Scope 2 emissions) & its intensity, in the following format:

Parameter	Unit	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
Total Scope 1 emissions (Break-up of the GHG into CO2, CH4, N2O, HFCs, PFCs, SF6, NF3, if available)	Tonnes of CO2 equivalent	32,69,59,946.44	31,38,49,119.37
Total Scope 2 emissions (Break-up of the GHG into CO2, CH4, N2O, HFCs, PFCs, SF6, NF3, if available)	Tonnes of CO2 equivalent	64,979.66	62,582.58
Total Scope 1 and Scope 2 emissions per rupee of Turnover (Total Scope 1 and Scope 2 GHG emissions / Revenue from operations)	Tonnes of CO2 equivalent /Rs	0.00019	0.00019
Total Scope 1 and Scope 2 emission intensity per rupee of turnover adjusted for Purchasing Power Parity (PPP) (Total Scope 1 and Scope 2 GHG emissions / Revenue from operations adjusted for PPP)	Tonnes of CO2 equivalent /USD	0.00397	0.00391
Total Scope 1 and Scope 2 emission intensity in terms of physical output	gCO2/kwh	877.15	867.87
Total Scope 1 and Scope 2 emission intensity (optional)			
– the relevant metric may be selected by the entity			

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y/N)
If yes, name of the external agency:

Yes, reasonable assurance has been carried out by Bureau Veritas.

8. Does the entity have any project related to reducing Green House Gas emission? If yes, then provide details.

Yes, NTPC has implemented several flagship initiatives focused on reducing greenhouse gas (GHG) emissions, as part of its long-term decarbonization strategy and commitment to India's climate goals. One of our key technology upgrades is the deployment of supercritical and ultra-supercritical thermal technologies, which offer approximately 8% higher efficiency and 8% lower CO₂ emissions compared to conventional subcritical plants. These upgrades also result in ~2% fuel savings per unit of electricity generated.

At the forefront of innovation, NTPC has commissioned India's first carbon capture and utilization (CCU) project at Vindhyachal Super Thermal Power Station. This pilot plant captures CO₂ from flue gas and converts it into sodium bicarbonate, creating a model for circular carbon economy in thermal operations.

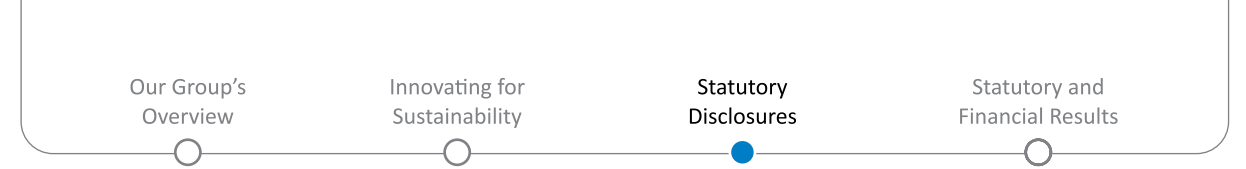
We have also scaled up biomass co-firing in thermal units to displace a portion of coal with agri-residue pellets, which helps mitigate open field burning and reduce fossil fuel-based emissions. This initiative addresses both climate and air pollution concerns, and NTPC has issued tenders and signed long-term agreements for regular biomass pellet supply across multiple stations.

In support of India's National Green Hydrogen Mission, NTPC has launched several green hydrogen pilot projects, including the production of green hydrogen using solar power at NTPC Kawas, and its use for blending in natural gas pipelines and as fuel for hydrogen fuel cell buses in Leh. These initiatives will help in deep decarbonization of hard-to-abate sectors and reduce NTPC's dependence on fossil fuels.

Additionally, NTPC has planted over 40 million trees and continues its annual target of 1 million new saplings, contributing to natural carbon sequestration. With a rapidly growing renewable portfolio and ongoing investments in energy storage, waste-to-energy, and carbon-neutral fuels, NTPC continues to lead the transition towards a low-carbon, sustainable energy future.

9. Provide details related to waste management by the entity, in the following format:

Parameter	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
Total Waste generated (in metric tons)		
Plastic waste (A)	330.58	348.26
E-waste (B)	159.03	846.57
Bio-medical waste (C)	16.67	211
Construction and demolition waste (D)	6444.72	90258.26
Battery waste (E)	174.22	1609.63
Radioactive waste (F)	0.00	0.00
Other Hazardous waste. Please specify, if any (spent resin, used lube oil, containers of hazardous waste, insulation waste, FO sludge). (G)	7049.25	4101.05
Other Non-hazardous waste generated (H). Please specify, if any. (ferrous, non-ferrous, municipal solid waste-biodegradable, municipal solid waste – non degradable) (Break-up by composition i.e. by materials relevant to the sector)	46119.72	37179.34
Total (A+B + C + D + E + F + G + H)	60294.19	134553.75
Waste intensity per rupee of turnover (Total waste generated / Revenue from operations) (Ton/ Rs.)	0.0000000355	0.0000000812
Waste intensity per rupee of turnover adjusted for Purchasing Power Parity (PPP) (Total waste generated / Revenue from operations adjusted for PPP) (Ton/ \$)	0.000000732591	0.000001677585
Waste intensity in terms of physical output (Ton/ kWh)	0.0000001617	0.000000372
For each category of waste generated, total waste recovered through recycling, re-using or other recovery operations (in metric tonnes)		
Hazardous Waste		
(i) Recycled	3445.54	1262.97
(ii) Re-used	0.00	0.00
(iii) Other recovery operations	2.86	4.28
Total	3448.40	1267.25
Non-Hazardous Waste		
(i) Recycled	34803.78	25048.25



Parameter	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
(ii) Re-used	300.00	227.76
(iii) Other recovery operations	841.07	1227.99
Total	35944.85	26503.99
Other Waste		
(i) Recycled	485.66	2549.03
(ii) Re-used	241.20	12785.76
(iii) Other recovery operations	0.00	798.07
Total	726.86	16132.86
For each category of waste generated, total waste disposed by nature of disposal method (in metric tonnes)		
Category of waste		
Hazardous Waste		
(i) Incineration	302.06	178.13
(ii) Landfilling	1184.95	1362.13
(iii) Other disposal operations	156.58	122.25
Total	1643.59	1662.51
Non-Hazardous Waste		
(i) Incineration	130.73	71.00
(ii) Landfilling	0.00	3570.38
(iii) Other disposal operations	2530.76	6773.88
Total	2661.49	10415.26
Other Waste		
(i) Incineration	14.50	204.49
(ii) Landfilling	2494.04	56157.46
(iii) Other disposal operations	3465.00	20445.66
Total	5973.54	76807.62

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y/N)
If yes, name of the external agency.

Yes, reasonable assurance has been conducted by Bureau Veritas.

10. Briefly describe the waste management practices adopted in your establishments. Describe the strategy adopted by your company to reduce usage of hazardous and toxic chemicals in your products and processes and the practices adopted to manage such wastes.

We are dedicated for handling and disposing of all waste generated on our premises in an environmentally friendly, socially responsible, and commercially viable manner. Our primary goal is to maximize resource utilization, minimizing the waste that must be disposed of. We ensure full compliance with rules and regulatory requirements. Managing hazardous and non-hazardous waste generated by our power plants is governed by regulations and NTPC Waste Management Guideline. We have a dedicated Waste Management Policy. Furthermore, we have successfully eliminated Polychlorinated Biphenyl (PCBs) from our operation in an effort to reduce hazardous waste generation.

11. If the entity has operations/offices in/around ecologically sensitive areas (such as national parks, wildlife sanctuaries, biosphere reserves, wetlands, biodiversity hotspots, forests, coastal regulation zones etc.) where environmental approvals / clearances are required, please specify details in the following format:

S. No.	Location of operations/offices	Type of operations	Whether the conditions of environmental approval / clearance are being complied with? (Y/N)
1.	Bongaigaon	Power Generator	Yes, conditions of EC are compiled. However, some of the components are falling within the eco sensitive zone of the nearby Chakrashila Wildlife Sanctuary which was notified later. Accordingly, wildlife clearance for the same is under process.
2.	Kahalgaon	Power Generator	Yes, conditions of EC are compiled. However, in view of the declaration of Vikramshila Wildlife Sanctuary after commissioning of Stage – I and changes in regulations afterward, wildlife clearance is required and the same is under process.
3.	Tapovan Vishnugad	Power Generation- Under Erection	Yes, conditions of EC are compiled. The project and its components are outside eco sensitive zone of Nanda Devi Biosphere Reserve. Hence wildlife clearance is not required.
4.	Korba	Power Generator	Yes, conditions of EC are compiled. However, the EC for additional ash dyke (yet to be completed) stipulates the requirement of wildlife clearance. Accordingly, wildlife clearance is under process.
5.	Koldam	Power Generator	Yes, conditions of EC are compiled.
6.	Unchahar	Power Generation	Yes, conditions of EC are compiled. The project is located in Raebareilly district of U.P. in vicinity of the Eco-sensitive Zone of Samaspur Bird Sanctuary.

12. Details of environmental impact assessments of projects undertaken by the entity based on applicable laws, in the current financial year:

Details of Environmental Impact Assessment undertaken in the Financial Year 2024-25 are as follows.

Name and brief details of project	EIA Notification No.	Date	Whether conducted by independent External agency (Yes / No)	Results communicated in public domain (Yes / No)	Relevant Web link
Sipat STPP Stage-III (1x800MW)	S.O.1533 (E)	14.09.2006	Yes	Yes	Website of SPCB & MoEF&CC
Darlipalli STPP Stage -II (1x800MW)	S.O.1533 (E)	14.09.2006	Yes	Yes	Website of SPCB
Meja STPP Stage-II (3x800MW)	S.O.1533 (E)	14.09.2006	Yes	Yes	Website of SPCB & MoEF&CC
Telangana STPP Phase-II (3x800MW)	S.O.1533 (E)	14.09.2006	Yes	Yes	Website of SPCB & MoEF&CC
Nabinagar STPP Stage -II (3x800MW)	S.O.1533 (E)	14.09.2006	Yes	Yes	Website of SPCB & MoEF&CC
Gadarwara STPP Stage -II (2x800MW)	S.O.1533 (E)	14.09.2006	Yes	Yes	Website of SPCB & MoEF&CC

13. Is the entity compliant with the applicable environmental law/ regulations/ guidelines in India, such as the Water (Prevention and Control of Pollution) Act, Air (Prevention and Control of Pollution) Act, Environment protection act and rules thereunder (Y/N). If not, provide details of all such non-compliances, in the following format:

Yes, NTPC is compliant with the applicable environmental law/ regulations/ guidelines in India.

Leadership Indicators

1. Water withdrawal, consumption and discharge in areas of water stress (in kiloliters):

For each facility / plant located in areas of water stress, provide the following information:

Name of the area: BARAUNI, BARH, KORBA, RAMAGUNDAM, Lara, Sipat, Kawas, RG CCCP Kayamkulam, Jhanor Gandhar, Khargone, Telangana, GADARWARA, MOUDA, Solapur, TANDA, NCPS- Dadri Coal & Gas, AURAIYA, FARIDABAD, KANTI, UNCHAHAR, ANTA

Nature of operations: Power Generation

Water withdrawal, consumption and discharge in the following format:

Parameter	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
Water withdrawal by source (in kilolitres)		
(i) Surface water	864143871.38	673558172.5
(ii) Groundwater	447613.00	
(iii) Third party water		
(iv) Seawater	0.00	
(v) Rainwater	1684624.80	1877800
Total volume of water withdrawal (in kilolitres)	866276109.18	675435972.47
Total volume of water consumption (in kilolitres)	509671370.66	413543060.96
Water intensity per rupee of turnover (Water consumed / turnover)	0.2997	0.2496
Water intensity (optional) – the relevant metric may be selected by the entity	2.68	2.69
Water discharge by destination and level of treatment (in kilolitres)		
(i) Into Surface water	348723087.12	171099200.37
- No treatment	348723087.12	170828342.37
- With treatment –Primary & secondary treatment		270858.00
(ii) Into Groundwater	0	0
- No treatment		
- With treatment – please specify level of treatment		

Parameter	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
(iii) Into Seawater		
- No treatment		
- With treatment – please specify level of treatment		
(iv) Sent to third parties		
- No treatment		
- With treatment – please specify level of treatment		
(v) Others		
- No treatment		
- With treatment–please specify level of treatment		
Total water discharged (in kilolitres)	348723087.12	171099200.37

2. Please provide details of total Scope 3 emissions & its intensity, in the following format:

Parameter	Unit	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
Total Scope 3 emissions (Break-up of the GHG into CO ₂ , CH ₄ , N ₂ O, HFCs, PFCs, SF ₆ , NF ₃ , if available)	Metric tonnes of CO ₂ equivalent	1973049.636	2239555.868
Total Scope 3 emissions per rupee of turnover	Metric tonnes of CO ₂ / (₹)	0.0	0.0
Total Scope 3 emission intensity (optional) – the relevant metric may be selected by the entity	gCO ₂ /kWh	5.29	6.19

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y/N)
If yes, name of the external agency.

Yes, reasonable assurance has been conducted by Bureau Veritas.

3. With respect to the ecologically sensitive areas reported at Question 11 of Essential Indicators above, provide details of significant direct & indirect impact of the entity on biodiversity in such areas along-with prevention and remediation activities.

All the power projects of NTPC have been provided with state-of-the-art pollution control and environmental management system. Further, the activities of projects do not have any significant impact on the local biodiversity.

S. No.	Location of operations/offices	Details of studies undertaken in this regard, if any.	Implementation status of recommendations of such studies, if any	Implementation status of recommendations of such studies, if any
1.	Bongaigaon	At present no such studies have been undertaken at NTPC Bongaigaon.	Not Applicable	Not Applicable
2.	Kahalgaon	The following studies have been undertaken in relation to biodiversity and ecological assessment. <ul style="list-style-type: none"> “River Dolphin Population Trends, Spatial Distribution and Human Impacts” – A focused study on the Gangetic dolphin population in the vicinity of the power station. Prepared by T. M. Bhagalpur University in 2017. “Biodiversity Assessment Report of NTPC Kahalgaon Super Thermal Power Station, Bhagalpur, Bihar” – Project Report No. 2023CB06, prepared by TERI in July 2025. <p>These studies have provided valuable insights into the ecological sensitivity of the area, especially concerning aquatic fauna and terrestrial biodiversity.</p>	Greenbelt development strengthened around ash dyke, plant boundary, and along neighbouring region using native species.	<ul style="list-style-type: none"> Ash dyke stabilization and ecological reclamation using Kass grass and shrub species (Tamarix dioica, Vetiveria zizanioides) to prevent soil erosion. Fly ash handling improved through increased dry ash collection and utilization in cement and construction sectors. Air, water, and soil quality monitoring conducted routinely. Awareness and sensitization campaigns conducted with nearby communities/villages to promote biodiversity-friendly practices
3.	Korba	Studies of organisms in the Benthic Zone of Hasdeo River & Impact of proposed Ash Dyke on Riparian Vegetation and Community in the River Basin	No specific recommendation was proposed.	Regular water monitoring is being done at specified locations .
4.	Koldam	No such study undertaken.	Not Applicable	Not Applicable
5.	Unchahar	(A) Ground water hydrology study-2023 conducted by IIT Roorkee, (B) Radioactivity Assessment Study -2024 by BRIT Navi Mumbai	A. Ground water hydrology study 2023 - Recommend Regular monitoring of surface water systems and groundwater systems is required to assess the status of water bodies, including river waters and groundwater, in the study area during project operation. -Being implemented.	B. Radioactivity Assessment Study -2024 - No significant rise from the background radiation level was observed at the coal and fly ash storage yards. The radioactivity assessment study should be conducted as per the regulatory requirements to avoid the potential radiation hazard.

4. If the entity has undertaken any specific initiatives or used innovative technology or solutions to improve resource efficiency, or reduce impact due to emissions / effluent discharge / waste generated, please provide details of the same as well as outcome of such initiatives, as per the following format:

Information on this topic can be found in the Integrated Annual Report under Natural Capital, or on the NTPC website.

5. Does the entity have a business continuity and disaster management plan? Give details in 100 words / web link.

Our corporate plan 2032 is our business continuity plan. Same can be referred from the below link: <https://ntpc.co.in/diversified-growth>

All NTPC plants have respective Disaster Management plan in place. Also, the NTPC Disaster Management Cell formulates policies and action plans, collaborating with regional offices and stations.

6. Disclose any significant adverse impact to the environment, arising from the value chain of the entity. What mitigation or adaptation measures have been taken by the entity in this regard.

NTPC recognizes the potential for significant adverse environmental impacts arising from its value chain, particularly in areas such as emissions, waste management, and resource consumption. To mitigate these impacts, NTPC has implemented a comprehensive environmental management system that includes rigorous monitoring and reporting of emissions, adoption of cleaner technologies, and promotion of sustainable practices among its suppliers and contractors. Specific measures include the use of high-efficiency equipment to reduce emissions, waste recycling programs, and the enforcement of stringent environmental standards for all value chain partners. Additionally, NTPC is actively investing in renewable energy projects and energy efficiency initiatives to reduce its overall carbon footprint. Through these efforts, NTPC is committed to minimizing its environmental impact and fostering sustainability across its value chain.

7. Percentage of value chain partners (by value of business done with such partners) that were assessed for environmental impacts.

No separate engagements/ assessment were done for value chain partners for environmental impacts.

8. How many Green Credits have been generated or procured:

- a) By the listed entity: Zero. The green credits will be issued after 2 years, NTPC has participated for afforestation on 25 degraded land parcels in FY 2024-25.
- b) By the top ten (in terms of value of purchases and sales, respectively) value chain partners: Not Available

PRINCIPLE 7 Businesses, when engaging in influencing public and regulatory policy, should do so in a manner that is responsible and transparent

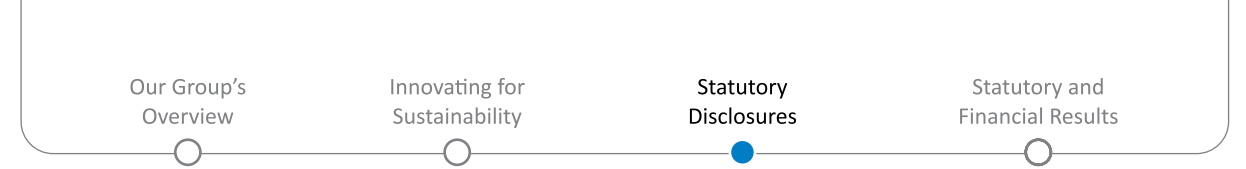
Essential Indicators

1. a. Number of affiliations with trade and industry chambers/ associations.

25

b. List the top 10 trade and industry chambers/ associations (determined based on the total members of such body) the entity is a member of/ affiliated to.

S. No.	Name of the trade and industry chambers/associations	Reach of trade and industry chambers / associations (State / National)
1.	Federation of Indian Chambers of Commerce and Industry (FICCI)	National
2.	Confederation of Indian Industry (CII)	National
3.	Indian Chamber of Commerce (ICC)	National
4.	The Associated Chambers of Commerce & Industry of India (ASSOCHAM)	National



S. No.	Name of the trade and industry chambers/associations	Reach of trade and industry chambers / associations (State / National)
5.	Central Board of Irrigation & Power (CBIP)	National
6.	World Energy Council (WEC) India	National
7.	SOUTH ASIA FORUM FOR INFRASTRUCTURE	National
8.	NATIONAL SAFETY COUNCIL	National
9.	S&P GLOBAL INC	National
10.	QUALITY COUNCIL OF INDIA	National

2. Provide details of corrective action taken or underway on any issues related to anti- competitive conduct by the entity, based on adverse orders from regulatory authorities.

No action taken as there was no case of issues related to anti-competition during the FY 2024-25.

Leadership Indicators

1. Details of public policy positions advocated by the entity:

Not applicable.

PRINCIPLE 8 Businesses should promote inclusive growth and equitable development.

Essential Indicators

1. Details of Social Impact Assessments (SIA) of projects undertaken by the entity based on applicable laws, in the current financial year.

No SIA done during FY 2024-25, as there was no land acquisition done for NTPC project by District administration.

2. Provide information on project(s) for which ongoing Rehabilitation and Resettlement (R&R) is being undertaken by your entity, in the following format:

S. No.	Name of Project for which R&R is ongoing	State	District	No. of Project Affected Families (PAFs)	% of PAFs covered by R&R / paid	Amounts paid to PAFs in the FY (In INR)
1	North Karanpura Super Thermal Power Plant	Jharkhand	Chatra	2963	100%/97.13%	₹32,52,582.40
				2963	100%/46.37%	₹9,30,22,222.00
2	Tanda Super Thermal Power Station	Uttar Pradesh	Ambedkar Nagar	1143	100%/86%	₹1,62,10,000.00
				1238	100%/72%	₹3,42,00,000.00
3	Kanti Super Thermal Power Station	Bihar	Muzaffarpur	288	100 %/100%	₹0.00
				174	100 %/83%	₹0.00
4	Khargone Super Thermal Power Plant	Madhya Pradesh	Khargone	1575	100%/100%	₹ 0.00
5	Lara Super Thermal Power Station	Chhattisgarh	Raigarh	2449	100%/100%	₹ 0.00
6	Nabinagar Super Thermal Power Station	Bihar	Aurangabad	3000	100%/56%	₹5,09,00,000.00
7	Rammam Hydro Power Project	West Bengal	Darjeeling	363	100%/100%	₹0.00
8	Darlipali Super Thermal Power Project	Odisha	Sundargarh	397	100%/100%	₹0.00

3. Describe the mechanisms to receive and redress grievances of the community.

In order to facilitate resolution of grievances in transparent and time bound manner, NTPC has developed an interactive grievance redressal mechanism which can be accessed through our website at: <https://www.ntpc.co.in/grievance>

In addition to this, a Grievance Redressal Officer is also nominated for at all Projects / stations / Regions. Grievances are also received through RTI, which are answered in a time-bound manner. Issues and grievance related to Land acquisition, properties and compensation are redressed through Dist. Administration, the Tehsildar, the Land Acquisition Officer and/or an official nominated by District Collector. Further, any issue pertaining to the PAPs of community are redressed through VDAC (Village Development Advisory Committee), in the consultative manner.

4. Percentage of input material (inputs to total inputs by value) sourced from suppliers:

Location	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
Directly sourced from MSME(s)/ small producers	47.68 %	51.64%
Directly from within India	96.24%	86.84%

5. Job creation in smaller towns – Disclose wages paid to persons employed (including employees or workers employed on a permanent or non-permanent / on contract basis) in the following locations, as % of total wage cost

Location	FY 2024-25 (Current Financial Year)	FY 2023-24 (Previous Financial Year)
Rural	47.80	46.86
Semi-urban	30.21	31.04
Urban	11.60	11.41
Metropolitan	10.38	10.70

Leadership Indicators

1. Provide details of actions taken to mitigate any negative social impacts identified in the Social Impact Assessments (Reference: Question 1 of Essential Indicators above):

No SIA done during FY 2024-25, as there is land acquisition done by District administration for NTPC project.

2. Provide the following information on CSR projects undertaken by your entity in designated aspirational districts as identified by government bodies: -

S. No.	State	Aspirational District	Amount spent (In INR)
1	Andhra Pradesh	Vishakhapatnam	9841192
2	Assam	Dhubri	1000000
3	Bihar	Aurangabad	61249822
4	Bihar	Banka	783410
5	Bihar	Begusarai	175486
6	Bihar	Khagaria	2306772
7	Bihar	Muzaffarpur	16850958
8	Chhattisgarh	Korba	80845851

S. No.	State	Aspirational District	Amount spent (In INR)
9	Jharkhand	Chatra	5224
10	Jharkhand	Godda	7713922
11	Jharkhand	Hazaribagh	21500
12	Jharkhand	Ranchi	6015662
13	Jharkhand	Sahibganj	8428810
14	Madhya Pradesh	Singrauli	180198604
15	Maharashtra	Gadchiroli	3201000
16	Odisha	Dhenkanal	557937
17	Odisha	Kalahandi	2451516
18	Rajasthan	Baran	9143460
19	Uttar Pradesh	Fatehpur	2805000
20	Uttar Pradesh	Siddarth Nagar	20677360
21	Uttar Pradesh	Sonbhadra	107827107
22	Uttar Pradesh	Shravasti	12964896
23	Uttarakhand	Haridwar	242800000

3. (a) Do you have a preferential procurement policy where you give preference to purchase from suppliers comprising marginalized / vulnerable groups? (Yes/No)

Yes, NTPC is governed by The Government of India's Public Procurement rules.

As per the Public Procurement Policy for MSEs Amendment Order dated November 9, 2018, every Central Ministry, Department, and PSU is required to set an annual target of 25% procurement from the MSE sector. Within this target, 4% should be earmarked for procurement from MSEs owned by SC/ST individuals and 3% for those owned by women. However, according to a letter from the DC (MSME) dated August 31, 2021, NTPC's target has been revised to a minimum of 40% procurement from MSE vendors, considering the exemptions.

(b) From which marginalized /vulnerable groups do you procure?

NTPC has procurement targets for marginalized communities of 4% from MSEs owned by Scheduled Castes or the Scheduled Tribes and 3% owned by Women entrepreneurs for the Goods and Services procured.

(c) What percentage of total procurement (by value) does it constitute?

MSME: 47.68 %, SC/ST: 0.28 %, Women entrepreneurs: 3.17 %

4. Details of the benefits derived and shared from the intellectual properties owned or acquired by your entity (in the current financial year), based on traditional knowledge:

Data consolidation is still in progress.

5. Details of corrective actions taken or underway, based on any adverse order in intellectual property related disputes wherein usage of traditional knowledge is involved.

Not Applicable.

6. Details of beneficiaries of CSR Projects:

S. No.	CSR Project	No. of persons benefitted from CSR Projects	% of beneficiaries from vulnerable and marginalized groups
1	Health	769103	~ 89.40%
2	Education	207577	~100.00%
3	Sanitation	227970	~ 88.96%
4	Water	181497	~ 95.00%
5	Rural Development	112688	~ 93.83%
6	Vocational Training & Women Empowerment	69998	~ 91.57%
7	PCP, Art & Culture, Sports & Others	235772	~ 88.86%
Grand Total		1804605	

* * NTPC CSR interventions are taken primarily in the vicinity of its Stations / Projects with an objective to improve the quality of life of the community as a whole. Majority of the beneficiaries includes the under privileged, marginalized, vulnerable and backward section of the society. The above figures are based on the CSR activities undertaken for which either the beneficiary categorization is available or from other secondary sources viz. information available in public domain.

PRINCIPLE 9 Businesses should engage with and provide value to their consumers in a responsible manner

Essential Indicators

1. Describe the mechanisms in place to receive and respond to consumer complaints and feedback.

We have an elaborate system of Customer Relationship Management (CRM), through which we reach out to our customers to collect their valuable feedback/ experiences/ expectations using regular structured interactions including support services and training. In addition to this, we also have a grievance portal on our website, through which customers can share their grievances. The link for the same is <https://www.ntpc.co.in/grievance>

2. Turnover of products and services as a percentage of turnover from all products/service that carry information about:

Parameter	As a percentage to total turnover
Environmental and social parameters relevant to the product Safe and responsible usage	Not Applicable
Recycling and/or safe disposal	Not Applicable

3. Number of consumer complaints in respect of the following:

Particulars	FY 2024-25 (Current Financial Year)		Remarks	FY 2023-24 (Previous Financial Year)		Remarks
	Received during the year	Pending resolution at end of year		Received during the year	Pending resolution at end of year	
Data privacy	NIL	NIL	NIL	NIL	NIL	NIL
Advertising	NIL	NIL	NIL	NIL	NIL	NIL

Particulars	FY 2024-25 (Current Financial Year)		Remarks	FY 2023-24 (Previous Financial Year)		Remarks
	Received during the year	Pending resolution at end of year		Received during the year	Pending resolution at end of year	
Cyber-security	NIL	NIL	NIL	NIL	NIL	NIL
Delivery of essential services	NIL	NIL	NIL	NIL	NIL	NIL
Restrictive Trade Practices	NIL	NIL	NIL	NIL	NIL	NIL
Unfair Trade Practices	NIL	NIL	NIL	NIL	NIL	NIL

- NTPC is a B2B (Business-to-Business) and B2G (Business-to-Government) entity. It does not collect or process consumer-level personal data like retail companies, banks, or e-commerce platforms do.
- NTPC does not engage in mass advertising or consumer marketing. Its communications are largely corporate, regulatory, or recruitment-related — not promotional to end consumers.
- While NTPC has robust cybersecurity protocols, it is not a consumer-facing digital service provider. So, cyber incidents involving consumer complaints are highly unlikely.
- NTPC is a regulated entity operating in the power generation sector under government oversight and does not control market access in a way that affects retail consumers.

4. Details of instances of product recalls on account of safety issues:

Particulars	Number	Reasons for recall
Voluntary recalls	NA	NA
Forced recalls	NA	NA

5. Does the entity have a framework/policy on cybersecurity and risks related to data privacy? (Yes/No) If available, provide a web-link of the policy.

YES, our cyber security policy is available at <https://www.ntpc.co.in/sites/default/files/policy-documents/CCIT-IMS-PLCY-CSP.pdf>

6. Provide details of any corrective actions taken or underway on issues relating to advertising, and delivery of essential services; cyber security and data privacy of customers; re-occurrence of instances of product recalls; penalty / action taken by regulatory authorities on safety of products / services.

No action was taken since no significant issues relating to advertising, and delivery of essential services; cyber security and data privacy of customers; re-occurrence of instances of product recalls; penalty / action taken by regulatory authorities on safety of products / services was identified.

7. Provide the following information relating to data breaches:

- Number of instances of data breaches = 0
- Percentage of data breaches involving personally identifiable information of customers = 0
- Impact, if any, of the data breaches

Leadership Indicators

1. Channels / platforms where information on products and services of the entity can be accessed (provide web link, if available).

The information of our products and services can be found at our website <https://www.ntpc.co.in/about-us>

2. Steps taken to inform and educate consumers about safe and responsible usage of products and/or services.

We offer customer support in various areas, including health and safety through workshops and seminars, with safety instructions displayed in local languages.

3. Mechanisms in place to inform consumers of any risk of disruption/discontinuation of essential services.

NTPC works closely in coordination with Regional Power Committee (RPC) and Load Dispatch Centers (NLDC, RLDCs, and SLDCs) to avoid such incidents and take appropriate interventions to restore essential services.

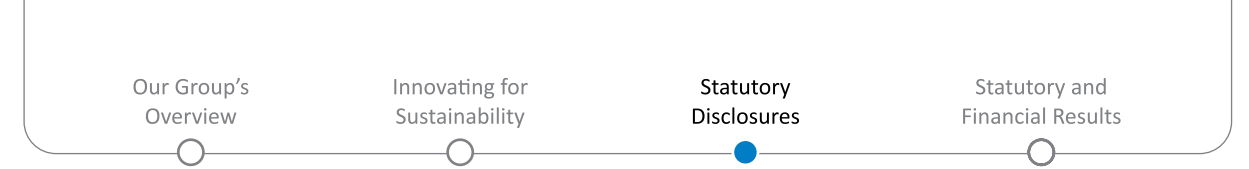
4. Does the entity display product information on the product over and above what is mandated as per local laws? (Yes/No/Not Applicable) If yes, provide details in brief. Did your entity carry out any survey with regard to consumer satisfaction relating to the major products/services of the entity, significant locations of operation of the entity or the entity as a whole? (Yes/No)

Not Applicable.

5. Provide the following information relating to data breaches:

- (a) Number of instances of data breaches along-with impact: Zero*
- (b) Percentage of data breaches involving personally identifiable information of customers: Zero*

* Pertaining to Customers



Independent Assurance Statement

Independent Assurance Statement NTPC Limited's Business Responsibility and Sustainability Report Core

Introduction and Objective of Work

BUREAU VERITAS has been engaged by NTPC Limited (hereinafter abbreviated as "NTPC") to conduct an independent assurance of the Business Responsibility and Sustainability Report Core (hereinafter abbreviated as "BRSR Core"), consisting of the Key Performance Indicators (KPIs) under Environment, Social and Governance (ESG) attributes, which are mentioned in Annexure I, as prescribed under the Securities and Exchange Board of India (SEBI) Circular dated 12th July, 2023.

Intended User

The assurance statement is made solely for "NTPC and its stakeholders" as per the governing contractual terms and conditions of the assurance engagement contract between "NTPC" and "Bureau Veritas". To the extent that the law permits, we owe no responsibility and do not accept any liability to any party other than "NTPC" for the work we have performed for this assurance report, or our conclusions stated in the paragraph below.

Reporting Criteria

Reporting Framework based on BRSR Core, Business Responsibility and Sustainability Report as per Annexure 1 of the SEBI circular (SEBI/HO/CFD/CFD-SEC-2/P/CIR/2023/122 dated July 12, 2023) and SEBI/HO/CFD/CFD-PoD-1/P/CIR/2024/177 dated December 20, 2024, for BRSR Core KPIs.

The reported information of BRSR core based on following nine ESG attributes:

1. Green-house gas (GHG) footprint
2. Water footprint
3. Energy footprint
4. Embracing circularity - details related to waste management by the entity
5. Enhancing Employee Wellbeing and Safety
6. Enabling Gender Diversity in Business
7. Enabling Inclusive Development
8. Fairness in Engaging with Customers and Suppliers
9. Open-ness of business

Assurance Standards Used

Bureau Veritas conducted reasonable assurance of BRSR Core in accordance with the requirements of the International Federation of Accountants (IFAC) International Standard on Assurance Engagement (ISAE) 3000 (Revised) with Reasonable Assurance. Under this standard, Bureau Veritas has reviewed the information presented in the report against the characteristics of relevance, completeness, materiality, reliability, neutrality, and understandability.

Scope and Boundary of Assurance

- Checking that the data and information included in the BRSR Core (sub-set of BRSR), consisting of a set of Key Performance Indicators (KPIs) / metrics under 9 ESG attributes for the reporting period from 01.04.2024 to 31.03.2025 was fairly presented without material misrepresentation.
- Appropriateness and robustness of underlying reporting systems and processes, used to collect, analyse, and review the information reported.

Type of Assurance (level): Reasonable

The Methodology Adopted for Assurance

Bureau Veritas conducted a sustainability assurance process for NTPC’s BRSR core disclosures for April 1, 2024, to March 31, 2025, following SEBI’s BRSR guidelines. Our procedures, tailored to the provided data and associated risks, included:

- Assessing report preparation against BRSR Core parameters.
- Evaluating assumptions, data estimation, and systems for accuracy and adherence to materiality, inclusivity, and responsiveness principles.
- Verifying quantification and analysis processes through site visits and discussions with corporate and operational personnel.
- Reviewing stakeholder engagement, materiality assessments, and data compilation processes at corporate and plant levels.
- Auditing claims and data streams for accuracy in collection, transcription, and aggregation.
- Evaluating ESG policies, practices, and GHG emissions calculations for reliability and fairness.
- Ensuring no misrepresentation of disclosures through review of evidence and backup data.
- Discussed data presented in the report and the associated backup data with concerned personnel at NTPC Headquarters Corporate Level and plant sites including, Mouda, Kayamkulam, Kahalgaon, and Koldam.

Limitations and Exclusions

The assurance is limited to the above-mentioned scope of work and excludes the information relating to:

- Data related to the Company’s financial performance disclosures.
- Activities and practices followed outside the defined assurance period stated herein above.
- Positional statements, expressions of opinion, belief, aim, or future intention by “NTPC” and statements of future commitment.
- The assurance does not extend to the activities and operations of “NTPC” outside of the scope and geographical boundaries mentioned in the report as well as the operations undertaken by any other entity that may be associated with or have a business relationship with “NTPC”.
- Compliance with any Environmental, Social, and legal issues related to the regulatory authority.
- Any of the statements related to company aspects or reputation.

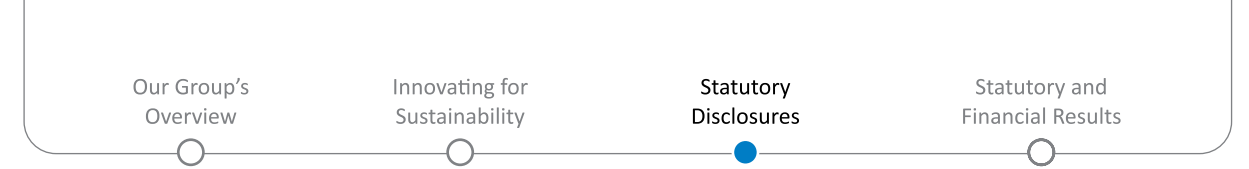
Conclusion

Bureau Veritas conducted a comprehensive review of NTPC’s BRSR core disclosures for the period April 1, 2024, to March 31, 2025, as presented in its Report. Based on the procedures performed, evidence obtained, and information and explanations provided by management, and subject to the inherent limitations outlined in the Report, in our opinion, NTPC’s BRSR core disclosures are, in all material respects, prepared in accordance with the Securities and Exchange Board of India’s (SEBI) BRSR guidelines.

As part of our independent reasonable assurance engagement, we rigorously evaluated the robustness and appropriateness of the underlying reporting systems and processes used to collect, analyse, and validate the reported information. Our assessment confirms that these systems are effectively designed and implemented to ensure alignment with SEBI’s BRSR framework, supporting the accuracy, reliability, and completeness of the disclosures.

Responsibilities

NTPC is completely responsible for the report contents, identification of material topics, and data reporting structure. The selection of reporting criteria, reporting period, reporting boundary, monitoring, and measurement of data, preparation, and presentation of information for the report are the sole responsibility of the management of “NTPC”. Bureau Veritas (BV) was not involved in the drafting or preparation of the report and any other backup data for the reporting period. The responsibility



of BV was to provide reasonable independent assurance for the sustainability of non-financial disclosures as described in the scope of assurance.

The said assessment is properly based on the assumption that the data and information provided in the report are proper and without any discrepancy. Bureau Veritas shall not be held liable or responsible for any type of decision a person or entity would make based on this assurance statement. While reading the assurance statement, stakeholders shall recognize and accept the limitations and scope as mentioned above.

Uncertainty

The reliability of assurance is subject to uncertainty(ies) that is inherent in the assurance process. Uncertainties stem from limitations in quantification models used, assumptions, or data conversion factors used or may be present in the estimation of data used to arrive at results. Our conclusions with respect to this assurance are naturally subject to any inherent uncertainty(ies) involved in the assurance process.

Statement of Independence, Impartiality, and Competence

Bureau Veritas is an independent professional services company that specializes in Quality, Health, Safety, Social, and Environmental Management with almost 190 years of history in providing independent assurance services. Bureau Veritas has implemented a Code of Ethics across the business to maintain high ethical standards among staff in their day-to-day business activities. We are particularly vigilant in the prevention of conflicts of interest.

No member of the assurance team has a business relationship with “NTPC”, its Directors, Managers, or officials beyond that required of this assignment. We have conducted this verification independently and there has been no conflict of interest.

Competence

The assurance team has extensive experience in conducting assurance over environmental, social, ethical, and health & safety information, systems and processes an excellent understanding of Bureau Veritas standard methodology for the Assurance of Sustainability Reports.

Restriction on use of Our Report

Our Reasonable assurance report has been prepared and addressed to the Board of Directors of the Company at the request of the company solely to assist the company in reporting on the Company’s Sustainability performance and activities. Accordingly, we accept no liability to anyone, other than the Company. Our deliverables should not be used for any other purpose or by any person other than the addressees of our deliverables. The Firm neither accepts nor assumes any duty of care or liability for any other purpose or to any other party to whom our deliverables are shown or into whose hands it may come without our prior consent in writing.

Sd/-
Amit Kumar
Lead Assurer
 Bureau Veritas (India) Private Limited

Noida, India
 Date: 29 July 2025

Sd/-
Munji Rama Mohan Rao
Technical Reviewer
 Bureau Veritas (India) Private Limited

Hyderabad, India
 Date: 29 July 2025