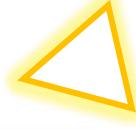
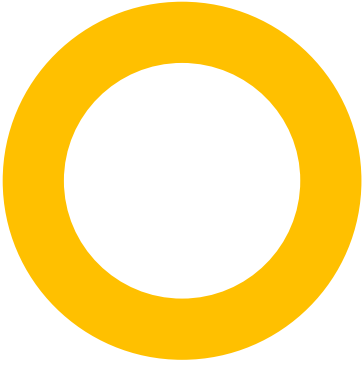


THDCIL-Environment Policy



टीएचडीसी इंडिया लिमिटेड
THDC INDIA LIMITED

Environment Policy-2023

Document No:

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टीएचडीसी उदय
एक नये संकल्प की भोर !

THDC INDIA LIMITED
ENVIRONMENT POLICY
Preamble

Vision

THDCIL strives to become the world's leader in sustainable power generation.

Mission

To achieve the target of a carbon-neutral power generator.

To achieve the highest possible standards in environmental management, minimise ecological footprints and optimise resource utilisation through continual improvement in processes and adopting innovative environment-friendly technologies, stakeholder engagements, and environmental compliances.

To achieve the Sustainable Development goals.

Values

We recognise the importance of environmental stewardship and strive to minimise the impact of our operations on the environment. Therefore, We will:

1. **Comply with legal requirements:** We will establish and follow international best practices and comply with all applicable legal requirements, laws, and regulations related to the environment.
2. **Adopt a proactive approach:** We will adopt a proactive approach to environmental considerations in our decision-making process. We will place environmental aspects as one of the prime considerations in our business decisions.
3. **Innovate and adopt environment-friendly technologies:** We will conduct research and development activities to innovate and adopt environment-friendly technologies that ensure climate resilience in our area of operations.
4. **Conserve resources and reduce waste:** We will strive to conserve resources, reduce waste, and mitigate environmental risks associated with our activities. We will adopt best practices to reduce our environmental footprint.
5. **Continually improve our environmental management systems:** We will review and continually improve our environmental management systems and integrate them into our business processes.
6. **Communicate and empower stakeholders:** We will communicate our environmental policy to all our stakeholders and empower them to attain the goals enshrined in this policy.


11/2/2023
HoD (Social and Environment)

Amardeep
General Manager (S&E)



THDCIL Environment Policy

I. Aim

This document aims to act as a guide to meet environmental expectations while becoming a world leader in sustainable power generation.

II. Policy Statement (Mission)

To become the world's best power firm in environment management

To achieve the target of a carbon-neutral power generator.

To achieve the highest possible standards in environmental management and minimise environmental footprints through continual improvement in processes, adopting innovative environment-friendly technologies, stakeholder engagements, and environmental compliance.

III. Scope of the policy

This policy applies to all units, projects, offices, and stakeholders of THDCIL for compliance and serves as a guide for environmental issues related to THDCIL's current and future needs.

IV. Principles

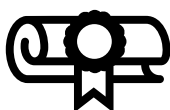
The fundamental principles of environmental management which form the basis of this policy are:

1. **The Precautionary Principle:** Adopt environmentally positive design strategies to anticipate and avoid environmental damage and manage risks of environmental impacts.
2. **The Principle of Responsibility:** Environmental safeguarding is a collective responsibility of all stakeholders.
3. **The Principle of Proportionality:** Strike a balance between economic

development and environmental protection.

4. **The Principle of Participation:** Every stakeholder is required to participate in decision-making and activities that improve and protect the environment.
5. **The Principle of Effectiveness and Efficiency:** Use resources effectively and reduce environmental costs by developing and implementing policies, rules, and procedures to address environmental governance problems.
6. **Polluter Pays Principle:** Reduce or mitigate pollution by putting a cost on pollution, with the polluter paying a fine to bear the environmental cost.

V. Policy



To comply with the National environmental norms as well as to adapt to the changes in the dynamic environment, THDCIL hereby adopts this Environment Policy (2023), superseding the earlier Environment Policy document No.THDC/EP/revision 06 dated 10.06.2020.

The policy also seeks to stimulate partnerships of all the stakeholders, i.e., public agencies, local communities, academic and scientific institutions, the investment community, and international development partners, in harnessing their respective resources and strengths for environmental management.

THDCIL shall foster a culture of excellence and challenge its limitations for perpetual improvement in the field of environmental conservation, Climate-resilient environmental framework, and promotion of circular economy by:

1. Promote excellence through scientific and technical pursuits and stimulate partnerships for collaborative research in environment and management.
2. Spearhead waste management by reducing, reusing, recycling, recovering, safely disposing of waste, and exploring opportunities for the circular economy.
3. Adopt a proactive approach to environmental considerations in decision-making and manage environmental impacts using environment management technologies and practices.
4. Manage risks identified by the Risk Management Committee through capacity building and infrastructure strengthening and evaluate environmental protection performance.
5. Ensure efficient use of resources, especially non-renewables, and carry out activities in an environmentally responsible manner.
6. Adopt environmentally friendly and energy-efficient inputs, provide innovative technological solutions to environmental issues, and develop environmentally beneficial projects under Sustainable Development initiatives.

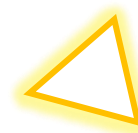
7. Adopt green procurement principles and formulate and adopt separate policies for Ash, Rehabilitation & Resettlement, Community Development, Corporate Social Responsibility, and Sustainable Development.
8. Augment environmental principles in business activities to promote the conservation of critical resources and address climate change issues.
9. Take a proactive and voluntary approach towards reducing greenhouse gas emissions.
10. Collaborate with industrial and academic research institutes for collaborative research in environment and management.

VI. Stakeholder Engagement:



THDCIL shall continue to identify all stakeholders and engage with them at appropriate levels to exchange views on environmental concerns and mitigation measures.

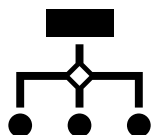
VII. Capacity Building:



1. THDCIL shall ensure its stakeholders are environmentally aware and integrate environmental principles into their activities and decisions.
2. The Corporate Environment Management Group shall develop a skill training and capacity-building framework.
3. THDCIL shall collaborate with prime training institutes in environmental management for Government Organizations, NGOs, Industries, Academia, etc.
4. Establishment of an accredited Environmental laboratory to lead the region in environmental management and carry out research and development activities.
5. THDCIL shall support and conduct structured academic programs on the environment and related other subjects such as biomedical wastes, Municipal solid Wastes management, Hazardous Wastes Management, EIA, Cleaner Production, Environmental Auditing, Environmental Risk Assessment, Air Pollution Monitoring, Control and Modelling, Waste Water Treatment, Environmental Policy Planning and Management, Environmental Sampling, Environmental Legislation, Environment Management System, ISO 14000 and ISO 18000, Environmental Accounting etc. for its the capacity addition and capacity development.

VIII. Institutional Framework

A two-tier structure of Environment Department for environmental systems implementation shall be in placed in the Corporation as:



1. Corporate Environment Group: Comprising of adequately qualified personnel with appropriate hierarchy for ensuring adherence to environment policy and statutory compliances at corporate level.


Main Functions - Planning, engineering, and monitoring all the current and upcoming projects of THDCIL with respect to environmental aspects. Guiding projects on issues referred for seeking advice.

2. Project Environment Group: Comprising of adequately qualified personnel with appropriate hierarchy for ensuring adherence to environment policy and statutory compliances at project level.

Main Functions – Ensuring compliances through respective project execution departments, monitoring environmental parameters, obtain and compile information and sharing with the corporate environment group.

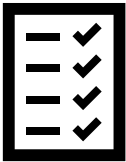
The functions, duties and responsibilities of the Corporate Environment Department shall be as follows:

1. The Corporate Environment Department shall supervise implementation of the Environment Management Plan. Ensure compliance of statutory and regulatory requirements at projects, through respective project environment and execution teams.
2. Review applicable laws and rules, obtain various clearances for projects, and conduct studies on environmental aspects.
3. Review monitoring reports and provide inputs on environmental aspects related to THDCIL projects.
4. Coordinate with external agencies for issues related to the environmental aspects of THDCIL projects.
5. Review policies, bills, proposals, amendments, reports, and issues related to the environment and provide inputs to external agencies.
6. Assess training and manpower needs at appropriate levels for the environmental aspects of THDCIL projects, prepare and assess budget needs, and appraise environmental issues and compliance status to management.
7. Assess and compile recent advances in environmental management and issue standard operating procedures for monitoring and reporting environmental compliances, implementation of environmental management and pollution control measures etc.

The functions, duties and responsibilities of the Project Environment Department shall be as follows: 

1. To act on behalf of the Engineer-in-Charge and Corporate Environment Department to implement the Environmental Management Plan through the execution departments or contractors.
2. To execute all the tasks related to the environment for which THDCIL is responsible and other assigned works.
3. To monitor the EMP works regularly, maintain data and records etc.
4. Provide inputs as required, prepare and share the draft compliance reports for finalisation by the Corporate Environment Department at regular intervals.

IX. Policy Implementation



The policy expects that all the activities under the business operations of the corporation are executed in a sustainable and environmentally friendly manner with minimum environmental footprints.

Following officers shall be independently responsible for the implementation of the environment policy:

S. No.	Officer/Agency	Responsibility
1	Functional Director	Custodian of the policy
2	Head of Corporate Environment (Not below the rank of AGM)	Overall implementation of the policy within the corporation, updating of policy, issuing SoPs, supervision of environmental activities, monitoring of implementation, compliance reporting etc.
3	Head of Project (Not below the rank of AGM)	Overall responsibility of execution of environmental activities at Project level.
4	Head of Project Environment (Not below the rank of DGM)	Supervision and monitoring, issuing directions/clarifications to contractor and execution department for the implementation of activities under the scope of contractors. Execution of environment related activities under the scope of THDCIL.

		<p>9</p> <p>Providing timely inputs and support to corporate environment in the environment related matters.</p>
5	Head of Department (Execution) (Not below the rank of DGM)	<p>Ensure execution/compliance of related environmental activities of their own or through contractors at their respective departments/sites.</p> <p>Supervision and monitoring, issuing directions/clarifications to contractor and concerned executive of the department for implementation of activities under the scope of contractors.</p>
6	Contractor and subcontractor	<p>Comply environment related provisions made in the contract.</p> <p>Comply with the environment policy of THDCIL and directions issues therein.</p> <p>Provide information/inputs as per schedule and as and when required by THDCIL.</p>
7	Head of Contract Department at Corporate and Project	<p>Corporate Contract Department or the Project Contract Department, as the case may be, ensure incorporation of a separate chapter on Environment Management in compliance of the Environment Policy of THDCIL as well as appropriate clauses linking progress of environment related activities and associated payment thereof in consultation with the Head of the Corporate Environment Department as well as concerned Head of the Project.</p> <p>A specific clause for compliance of THDCIL Environment Policy by the contractor be added to the contract.</p>
8	Head of Design or the Department entrusted with the responsibility to initiate/explore/develop a new	<p>Shall communicate to Corporate Environment Department the details of the new project proposed to be developed by THDCIL for screening/scoping of the project w.r.t. environmental aspects as well as</p>

	project/scheme/environment related study	necessary clearances/permissions/preparation of PFR/DPR etc.
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X. Linking with Expenditure

THDCIL's Environment Policy intends to cover all environment related activities to be monitored physically as well as financially for systematic, smooth and time bound compliance.

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Environmental activities are implemented by the Corporate Environment Dept. and respective Project Environment Dept., directly or through the concerned State/Central Govt./authorized agencies in terms of Catchment Area Treatment, Compensatory Afforestation, fisheries, various environmental pollution monitoring, third party progress monitoring, studies, consultancy, biodiversity & pollution abatement related works, trainings etc. In addition, implementation of various environmental activities for biodiversity protection, pollution abatement, occupational health, environmental safeguard etc. are also comes under the scope of the main contractors being part of project/plant packages and being regulatory requirements.

For effective implementation & monitoring of environmental works, all the environment related activities being or to be undertaken by Units/Projects/Departments will be booked in the respective environmental budget head of the Project/Unit/Department for linkage with the environmental policy. Further construction/erection schedule shall also include activities related to environmental components, payment of which shall also be linked in line with the construction schedule. Compliance of the same shall be followed through Head of Project/Corporate Environment Department.

Apart from physical progress, departments engaged in execution of the environmental activities in projects will provide component/item wise expenditure details w.r.t. environmental activities to the respective Project Environment Dept. on quarterly basis (April to June, July to Sept., October to Dec. & January to March) latest by 20th date of the immediately succeeding month of the concerned quarter and the Project Environment Dept. shall submit a comprehensive progress statement to the Corporate Environment Dept. by 25th date of same month itself. Similarly, Units will provide component/item wise statement of environmental activities directly to the Corporate Environment Dept. within the 25th date of the immediately succeeding month of the concerned quarter. The Corporate Environment Department will submit a cumulative consolidated report for the appraisal of the In-Charge Director before last date of the immediately succeeding month.

XI. Policy review cycle

This policy shall be a live document and shall be reviewed in every 02 years or as per company's needs.

