

## Environment Policy-2017

### **I. Purpose:**

As the country's largest power generator, with its presence across the energy value chain, NTPC recognizes that protecting the environment is essential for sustainable business.

In the context of Environment Policy, the definition of environment covers all the domains of environment – Physical, Chemical, Biological and Socio- economic aspect.

NTPC hereby adopts Environment Policy (2017), superseding its earlier policy document of 1995.

The intent of this policy is to meet environmental expectations and provide actionable guidance, as NTPC strives to foster a culture of excellence and challenges itself for continual improvement.

### **II. Policy Statement:**

“To provide cleaner energy by committing to highest possible levels of performance in environmental compliance, practices and stewardship.”

### **III. Applicability:**

This policy shall apply to all establishments of NTPC, and each employee shall be made a partner in implementing the policy.

### **IV. Principles:**

This policy is based on the following principles:

1. Consideration of Environmental factors right from the stage of planning, design and operation of projects to ensure that principles of conservation and sustainability are adhered to.
2. Impact of NTPC's business on environment can be minimized by adopting best environment management practices and state-of-the-art technology.

#### ***This document contains:***

##### ***I. Purpose***

##### ***II. Policy Statement***

##### ***III. Applicability***

##### ***IV. Principles***

##### ***V. Institutional Framework***

##### ***VI. Policy***

- ***Stewardship***
- ***Compliance & Assurance***
- ***Stakeholder Engagement***
- ***Capacity Building***

##### ***VII. Review***



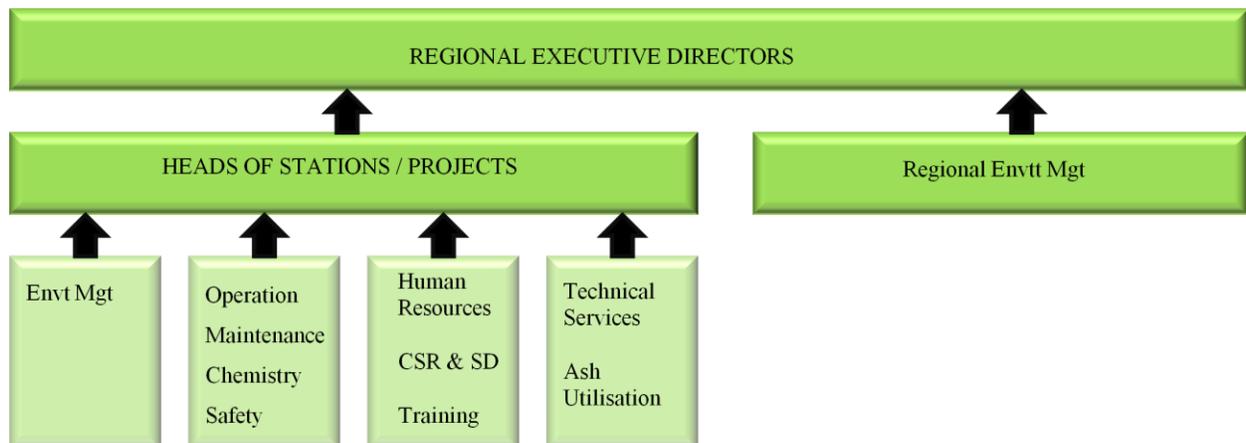
3. NTPC's commitment as a responsible corporate citizen is demonstrated by achieving and setting benchmarks beyond statutory compliances.
4. Innovation by carrying out Research & Developmental activities, coupled with enablers leads to continual improvement.
5. Accepting accountability for all operations and expeditiously respond to any aberration.
6. Continuous monitoring and sharing of environmental indicators with stakeholders ensures NTPC's commitment towards continual improvement in environmental performance.
7. Develop each employee as environmental steward by improving his awareness levels while soliciting his commitment.

## V. Institutional Framework:

Three tier structure for environmental systems implementation:

1. Corporate Level: Functions - Engineering, planning and monitoring
2. Regional Level: Functions – Facilitators to stations & Coordination between Stations & Corporate
3. Stations: Functions - Execution and reporting





Note: These charts do not reflect the organizational structure/reporting arrangement, but serve to identify responsible departments within NTPC.

## VI. Policy:

NTPC shall achieve these objectives by:

### 1. Stewardship:

NTPC shall:

- a. Adopt a pro-active approach, place environmental aspects as one of the prime consideration in decision-making process.
- b. Identify and manage environmental impacts due to business activities, by adopting latest environment management technologies and practices.
- c. Act to manage risks, as identified by Risk Management Committee (RMC)\*, in the form of capacity building and infrastructure strengthening.
- d. Evaluate performance of environment protection equipment, program and practices, with respect to legal provisions and prepare action plans for concerned functional groups.



- e. Ensure efficient and optimal use of resources such as land, water, fuel, construction materials, oils, chemicals etc, especially the non-renewables.
- f. Spearhead waste management by reducing, re-using, recycling, recovering and safe disposal.
- g. Adopt more environment friendly and energy-efficient inputs.
- h. Provide innovative technological solutions to environment related issues.
- i. Benchmark parameters to establish and adopt best practices.
- j. Take up environmentally befitting projects in areas of climate change, renewable energy, conservation and responsible consumption of natural resources under Sustainable Development initiatives.
- k. Adopt principles of green procurement by incorporating appropriate provisions in contracts and procurements.
- l. To formulate and adopt separate Policies for Ash, Rehabilitation & Resettlement, Community Development – Corporate Social Responsibility and Sustainable Development.

\*RMC comprises of members from senior functionaries of management as per provisions of Companies Act 2016.

## 2. **Compliance and Assurance:**

- a. NTPC shall continue to comply with all relevant environmental regulations, standards and other codes of practice, by operating and maintaining the assets within bounds of permits, consents, and licenses.
- b. Risk Management Committee and, shall establish system for reporting environment related parameters, deviations and constraints to management. Environmental risks perceived shall be reviewed through risk management mechanism for appropriate action.
- c. Concerned group shall oversee compliance assurance of operating stations through reviews and appraisals.
- d. All clearances, along with any futuristic requirements shall be accounted for in new establishments and expansions.



### **3. Stakeholder Engagement :**

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

### **4. Capacity Building:**

- a. NTPC shall ensure all employees are made environmentally aware, to enable them to integrate its principles into their activities and decisions.
- b. Environment Management Group shall come up with focused requirements (including skill training and culture building), clearly bringing out the desired objectives, audience and responsibility.

## **VII. Review:**

This policy shall be reviewed at opportune time, but not later than once in three years.

