



E-WASTE MANAGEMENT POLICY

Purpose

Tata Power is aligned to the Tata Code of Conduct, and in the production and sale of our products and services, strives for Environmental Sustainability and to comply with all applicable laws and regulations. Furthermore, Tata Power seeks to prevent the wasteful use of natural resources and is committed to improving the environment, across dimensions like the emission of greenhouse gases, consumption of water and energy, and the management of waste and hazardous materials. Tata Power is committed to offsetting the impact of climate change in its activities.

In this context, the E-Waste Management Policy has been designed covering the entire power value chain from Generation to Distribution of Electricity to the end consumer. The intent of this policy is to meet environmental expectations and provide actionable guidance, as Tata Power strives to foster a culture of excellence.

Scope

This policy shall apply to all establishments of Tata Power (including JVs and Subsidiaries) across the value chain of Manufacturing of Solar Cells and Modules, Generation (Thermal, Hydro, Waste Heat Recovery, Solar, Wind, Complex, & Hybrid), Transmission, Distribution, and Energy based solutions. Each employee shall be a responsible partner in implementing the policy.

Objectives of E-Waste Management Policy

- Comply with all applicable local (Central & State) rules and regulations regarding the management of E-Waste in adherence with the Commitment Document of E-Waste (Management) Policy.
- In the absence of specific rules, regulations, or legislation on the subject in any other country of operation, Tata Power shall follow the Indian Rules & Regulations regarding management of E-Waste.
- Manage & handle E-Waste in accordance with the compliance criteria and the procedure laid down in the E-Waste (Management & Handling) Rules under the Environment Protection Act, 2022 and the E-Waste (Management) Amendment Rules, 2023 & 2024. Obtain EPR Registration and comply with EPR guidelines as mentioned in the E-Waste Rules 2022, 2023 & 2024.
- Educate and sensitize employees on the importance of proper management of E-Waste and the risks & hazards associated with their improper disposal. Explore the possibility of extending usable life of items for internal and external use to minimize E-Waste generation.
- Communicate this policy and inculcate environmental consciousness amongst all of Tata Power's stakeholders.
- Periodically review this policy for applicability, relevance and effectiveness and congruence with the continuously evolving business environment but not later than once in three years.

Date:

1st Aug '25

Dr. Praveer Sinha
CEO & Managing Director



**E-Waste Management Policy
Commitment Document**

By

Corporate Environment & Climate Change Department

The Tata Power Company Limited

April 2025



**E Waste Management Policy -
Commitment Document**

CE-01/ ALL/ IP/24-05/04

Rev. 5

Date: 15.04.2025

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I. Purpose:

Tata Power is aligned to the Tata Code of Conduct, and in the production and sale of our products and services, strives for Environmental Sustainability and to comply with all applicable laws and regulations. Furthermore, Tata Power seeks to prevent the wasteful use of natural resources and is committed to improving the environment, across dimensions like the emission of greenhouse gases, consumption of water and energy, and the management of waste and hazardous materials. Tata Power is committed to offsetting the impact of climate change in its activities.

In this context, the E-Waste Management Policy has been designed covering the entire power value chain from Generation to Distribution of Electricity to the end consumer. The intent of this policy is to meet environmental expectations and provide actionable guidance, as Tata Power strives to foster a culture of excellence.

The previous version of the E-Waste Policy was in line with the E-Waste (Management) Rules, 2016, which have now been superseded by the E-Waste (Management) Rules, 2022, including their amendment in 2023 & 2024. With these amendments, an Extended Producer Responsibility (EPR) framework has been introduced which has resulted in an increase in the responsible entities (Manufacturer, Producer, Refurbisher, Recycler). The entities outlined in the rules need to undergo certification as directed in order to offer end-to-end services.

Tata Power's new E-Waste Policy places emphasis on the selection of compliant vendors in order to satisfactorily meet the responsibilities enlisted for Tata Power in the new rules. To meet current requirements of the E-Waste Rules, 2022 and its amendments in 2023 & 2024, Tata Power is required to follow the guidelines laid down as defined in the E-Waste Rules.

II. Applicability:

This policy shall apply to all establishments of Tata Power (including JVs and Subsidiaries) across the value chain of Manufacturing of Solar Cells and Modules, Generation (Thermal, Hydro, Waste Heat Recovery, Solar, Wind, Complex, & Hybrid), Transmission, Distribution, and Energy based solutions. Each employee shall be a responsible partner in implementing the policy.

III. Commitment Principles

Tata Power's E-Waste Management Policy is based on following Commitment Principles

i. Global Frameworks:

United Nations Sustainable Development Goals (UNSDG): Our commitment is aligned with all UNSDGs relevant for waste Management with focus on:

- a. SDG 12 (Responsible production and consumption)** - to ensure sustainable consumption and production patterns.

We align with Target 12.5: "By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse"

ii. National Framework:

Compliance with applicable regulations as outlined under:

- a. Manage & Handle E Waste** generated in accordance with the compliance criteria and the procedure laid down in E-waste (Management & Handling) Rules under the Environment Protection Act 2022 and the E-Waste (Management) Amendment Rules, 2023 & 2024.
- b. Obtain EPR Registration** as applicable while complying with EPR guidelines as mentioned under the E-Waste Rules 2022, 2023 & 2024.

In the absence of specific rules, regulations, or legislation on the subject in any other country of operation, Tata Power shall follow the Indian rules and regulations regarding the management of E-Waste.

IV. Governance Framework

Tata Power has a robust governance structure in place to benchmark, implement, and align with E-Waste Management practices. The Board and Leadership Team provide oversight of the E-Waste Management Policy implementation and stay well-informed about related risks and opportunities to guide decision-making.

The effective execution of the policy is ensured by Divisional Environment Representatives in collaboration with the Corporate Environment & Climate Change team.

The organization's commitment to E-Waste Management is thoroughly embedded in its decision-making processes and actively supported by all operational and functional units. Progress is tracked through governance mechanisms such as Business Reviews (Integrated Review Management System - IRMS), incorporation into the Annual Business Plan (ABP), Risk Mapping (Enterprise Risk Management - ERM), and linkage of Key Result Areas (KRAs) within the Performance Management System (PMS).

The Corporate Environment & Climate Change department lends support and the necessary technical know-how for implementing and monitoring E-Waste Management initiatives, with assistance from environmental officers positioned throughout the various business entities.

V. Roles & Responsibility:

Effective Implementation of this E-Waste Management Policy depends on employees across organizational levels and departments taking responsibility for various tasks. For successful

implementation, roles and responsibilities are defined for Corporate Environment & Climate Change function and operating divisions as well.

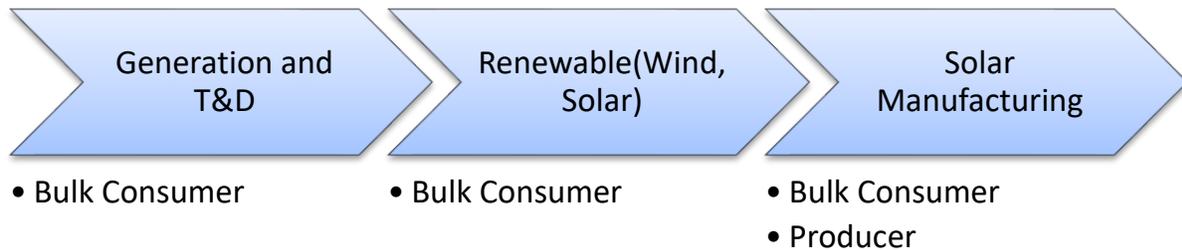
Corporate Environment & Climate Change

- To define Organization targets and objectives of E-Waste Management.
- To formulate roadmaps for achievement of Organization targets.
- To oversee overall alignment with applicable National and International Frameworks.

Individual Operating Plants:

- Implementation of Action Plans across individual locations
- Formulation of division specific implementation plan for deployment of Strategic Targets
- Inclusion & Monthly review of KPI & SDM Projects in the Balanced Score Card of each division as mentioned in the Annual Strategy targets

➤ **E-Waste Management Duties Cluster-wise:**



| <u>Sr. No.</u> | <u>Generation Cluster and T&D Cluster (Bulk consumer)</u> | <u>Renewables (Bulk Consumer & Producer)</u> |
|----------------|---|--|
| 1. | <p>Storage of E-Waste</p> <ul style="list-style-type: none"> • Ensure that end-of-life electrical and electronic equipment are not mixed with other waste. • Store E-Waste in designated area that is secure and does not pose a risk to the environment. <p>This includes ensuring that the storage area is protected from unauthorized access and that the e-waste is kept in a way that prevents any leakage or release of hazardous substances</p> <ul style="list-style-type: none"> • Do not store E-Waste more than 180 days | |
| 2. | <p>Channelization of E-Waste:</p> <ul style="list-style-type: none"> • Ensure that E-Waste generated is handed over only to registered refurbishes, or recyclers. • Maintain relevant documents of registered refurbisher or recycler (Consent & authorization) | |

| | |
|-----|---|
| 3. | <p>Documentation: Keep detailed records of all E-Waste transactions and ensure they are readily available for inspection.</p> |
| | Need to register on online portal of CPCB |
| 4. | Implementing and obtaining targets under EPR targets listed under E-Waste Management Rules 2022 & 2023 |
| 5. | Storage of solar panel waste up to 2034-35 |
| 6. | File annual returns in the laid down form on the portal on or before the end of the year to which the return relates up to year 2034-35 |
| 7. | Putting inventory of solar panels / modules / cells distinctly on portal |
| 8. | Complying with standard operating procedures laid down by CPCB |
| 9. | Fulfilling EPR regime like obtaining EPR certificate |
| 10. | Provide details of constituents of the equipment and their components or consumables or parts or spares along with a declaration of conformance to the reduction of hazardous substances provisions in the product user documentation |
| 11. | Reporting accident if happened during transportation of e-waste by the producer, refurbisher, transporter, dismantler, or recycler, as the case may be |
| 12. | Environmental compensation to be submitted if obligations are not fulfilled |

VI. Policy

- Comply with all applicable local (Central & State) rules and regulations regarding the management of E- Waste in adherence with the Commitment & Compliance Document of E-Waste (Management) Policy.
- In the absence of specific rules, regulations, or legislation on the subject in any other country of operation, Tata Power shall follow the Indian Rules and Regulations regarding Management of E-Waste.
- Manage & handle E-Waste in accordance with the compliance criteria and the procedure laid down in the E-Waste (Management & Handling) Rules under the Environment Protection Act, 2022 and the E-Waste (Management) Amendment Rules, 2023 & 2024. Obtain EPR Registration and comply with EPR guidelines as mentioned in the E-Waste Rules 2022, 2023 & 2024.
- Educate and sensitize employees on the importance of proper management of E-Waste and the risks & hazards associated with their improper disposal. Explore the possibility of extending usable life of items for internal and external use to minimize E-Waste generation.
- Communicate this policy and inculcate environmental consciousness amongst all of Tata Power's stakeholders.
- Periodically review this policy for applicability, relevance and effectiveness and congruence with the continuously evolving business environment but not later than once in three years.
- This policy is applicable to all establishments of Tata Power (including Subsidiaries, JVs etc.) and employees.

VII. Review:

Company commits to support and implement this E Waste Management Policy. This policy shall be reviewed at opportune time, but not later than once in three years.