

## 1. Objective

This policy outlines PVJ Power's commitment to implementing environmentally responsible and sustainable practices through effective recycling and reuse of materials involved in transformer manufacturing, testing, packaging, and end-of-life handling.

## 2. Scope

This policy applies to all departments involved in the production, assembly, testing, maintenance, and disposal of transformer systems - covering both Oil Type and Dry Type Transformers.

## 3. Key Recycling Initiatives

### A. Core & Coil Materials

- CRGO Offcuts and scrap sent to certified recyclers.
- Copper/Aluminium Windings stripped and processed.
- Silver Brazing scrap collected for silver reclamation.

### B. Transformer Oil

- Waste oil stored and processed via CPCB-approved recyclers.

### C. Tank & Structural Steel

- Fabrication waste sent to authorized metal scrap vendors.

### D. Insulating Materials

- Densified wood, pressboard, and epoxy scrap properly disposed.
- Silica gel reactivated or disposed as per norms.

## 4. E-Waste Management

Obsolete electronics (WTIs, relays) are handled per India's E-Waste Management Rules, 2016. Only certified recyclers are engaged.

## 5. Packaging Waste

## **PVJ Power Solutions Pvt. Ltd. - Transformer Recycling Policy**

Wooden crates and pallets reused. Corrugated boxes, strapping, and wraps sent to authorized recyclers.

### **6. Extended Producer Responsibility (EPR)**

PVJ accepts back units for dismantling, shares end-of-life guidelines, and maintains annual recycling logs.

### **7. Employee Responsibilities**

All employees must adhere to segregation and recycling protocols using PPE where required.

### **8. Compliance & Documentation**

Monthly waste audits, annual ISO 14001 reports, and recycling vendor certification reviews.

### **9. Review & Revisions**

Policy to be reviewed annually or in response to regulatory changes.