MAHAVITARAN
Maharashtra State Electricity Distribution Co. Ltd.
[A Govt. of Maharashtra Undertaking]
CIN: U40109MH2005SGC153645

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.
Chief Engineer [Testing & Quality Control Cell]
Plot No. G-9, 5th Floor, Prakashgad, Prof. Anant Kanekar Marg,
Bandra (East), Mumbai-400051.
Phone: (O) 9122-26474211 / 26472131, (P) 26473139
E-mail: cetesting2@gmail.com
Website: www.mahadiscom.in

CE / Testing & QC / MSC –I / Circular / No 31470 Date: 29 SEP 2025

Circular

Sub: Implementation of Updated Technical Specifications of Energy Efficiency Level-II (EEL-II) Distribution Transformers and Stoppage of Energy Efficiency Level-I (EEL-I) Distribution Transformers.

Ref: 1) CE/Testing & QC/MSC–I/Circular/12678 dtd.22.04.2025.
2) CE/Testing & QC/MSC–I/Circular/18807 dtd.10.06.2025.

Currently, MSEDCL procures three-phase, 11/0.433 kV & 22/0.433 kV Distribution Transformers of various capacities (16 kVA to 1000 kVA) with Cold Rolled Grain Oriented (CRGO) Core and Energy Efficiency Level-I (Star-1).

A review of technical specifications was conducted at the Corporate Level to minimize distribution losses and improve efficiency. As a result, it has been decided to implement Energy Efficiency Level-II (Star-2) Distribution Transformers with enhanced technical specifications.

Considering the above, MSEDCL had issued circular under reference (1) for implementation of updated technical specifications of Energy Efficiency Level-II Distribution Transformers instead of the existing Energy Efficiency Level-I (EEL-I) Distribution Transformers w.e.f. 01.07.2025. Subsequently, vide circular under reference (2), the implementation date was extended up to 30.09.2025. In continuation with the above said Circulars, Competent Authority has decided to extend the validity of following.

1. **Utilization of Existing EEL-I Transformers:** EEL-I Distribution Transformers shall be utilized only for ongoing orders till 31st December, 2025.
2. **Vendor Approvals & Extensions:** Vendor approvals or extensions shall not be granted for EEL-I Distribution Transformers, except for manufacturers with existing orders before the issuance of Circular under references. Such approvals shall be valid only till 31st December, 2025.

Other guidelines vide Circular under reference remain unchanged.

All concerned departments, field offices, and manufacturers are directed to comply with these guidelines. Any deviation from these instructions shall be viewed seriously.

This Circular is issued with the approval of the Competent Authority.

This Circular is also available on www.mahadiscom.in.

Dr. Manish Wath
Chief Engineer (Testing & QC)
MSEDCL, Mumbai