

## TANGEDCO

Office of the  
Director,  
Distribution,  
Chennai-600 002.

**Memo. No. DD/CE/MM/SEMM2/EED/A3/ F.CT/ D 618 /2017 Dt 01.08.2017**

Sub : MM-II – Energy Efficient Level-2 Distribution Transformers -  
Tenders delayed due to court cases - Acceptance of Energy  
Efficient Level-2 Distribution Transformers from willing Consumers  
– instructions issued - reg.

Ref: Note Order Approval of CMD / TANGEDCO Dated 31.07.2017.

Willing consumers can purchase Energy Efficient Level-2 Distribution Transformers with BIS mark and as per TANGEDCO specification from the manufacturers who are having valid BIS license to manufacture the respective capacity of Energy Efficient Level-2 Distribution Transformers.

2.0 The capacities of Energy Efficient Level-2 Distribution Transformers and maximum total losses are as below:  
*as per IS 1180 Part I 2014*

Sl.No	Capacity Efficient Distribution Transformers	Energy Level-2	Maximum total load Losses at 50% load in Watts	Maximum total load in	Maximum total load Losses at 100% load in Watts
1	100KVA/11KV/433V		475		1650
2	250KVA/11KV/433V		980		2930
3	500KVA/11KV/433V		1510		4300
4	100KVA/22KV/433V		499		1733
5	200KVA/22KV/433V		819		2415
6	500KVA/22KV/433V		1586		4515

3.0 Initially the consumer has to give willingness letter to concerned Executive Engineer along with details of the firm from which the Distribution Transformers are to be procured and supplied along with BIS mark. The Executive Engineer has to scrutiny the proposal and to accord the approval for acceptance of Distribution Transformer and the same has to be intimated to the consumer.


4.0 The Energy Efficient Level-2 Distribution Transformers have to be guaranteed for 5 years for satisfactory performance. On receipt of the Energy Efficient Level-2 Distribution Transformer the same has to be tested by the Special Maintenance wing and after accounting through the respective Stores the same has to be erected by the territorial Section officer. Separate seniority has to be maintained based on the date of acceptance of Distribution Transformer. The concerned section officer have to issue the dated acknowledgement to the consumer for having received the Distribution Transformer.

5.0 The rates for the accepted Energy Efficient Level-2 Distribution Transformers are as below:

Sl.No	Capacity of Energy Efficient Level-2 Distribution Transformers	All inclusive price in Rs. Ps
1	100KVA/11KV/433V	2,84,175.84
2	250KVA/11KV/433V	4,26,145.20
3	500KVA/11KV/433V	7,16,260.00
4	100KVA/22KV/433V	3,87,029.93
5	200KVA/22KV/433V	4,79,278.92
6	500KVA/22KV/433V	5,92,596.00

The above rates will be refunded / adjusted in subsequent CC bills of the consumer.

The receipt of the letter may be acknowledged to CE/MM/Chennai-2.

  
Director / Distribution 3/3

To  
The Chief Engineer/ Materials Management, Chennai -2.  
The Residential Audit Officer, TANGEDCO, Chennai-2.  
The Chief Internal Audit Officer, TANGEDCO, Chennai-2.  
The Chief Financial Controller, TANGEDCO, Chennai-2.  
Copy to : Superintending Engineer/ CMD Office, TANGEDCO, Chennai-2.

Copy to : EA to Director/ Distribution / TANGEDCO, Chennai-2.

Copy to : EA to Director/ Finance/ TANGEDCO, Chennai-2.

Copy to : EA to Director/ Generation/ TANGEDCO, Chennai-2.

Copy to : The Secretary, TANGEDCO, Chennai-2.

Copy to : All the Chief Engineers.

Copy to : CE / IT /Chennai-2 for making necessary changes in the LT billing software for making provision for adjustment of Energy Efficient Level-2 Distribution Transformers cost in the CC bills of the consumer concerned and posting in the TANGEDCO website.

Copy to : All the Superintending Engineers/EDCs.

Copy to : The Superintending Engineer / MM-II, Chennai-2.

Copy to : The Tamil Development Cell for Publication in the Gazette.