

19<sup>th</sup> December, 2016

**Important Instructions to all Distribution Transformer manufacturers and permittee:**

This is with reference to the amendment notification, S.O. No. 4062 (E) for Distribution Transformer dated 16<sup>th</sup> December, 2016. Amendments in the star rating programs as follows:

**Table 2 (Effective from 1<sup>st</sup> January, 2017 onwards)**

Standard Losses in watts up to 11 KV Class (For ratings below 200 kVA & for 200 kVA)										
Rating (kVA)	Star 1		Star 2		Star 3		Star 4		Star 5	
	50 Per cent. Load	100 Per cent. Load	50 Per cent. Load	100 Per cent. Load	50 Per cent. Load	100 Per cent. Load	50 Per cent. Load	100 Per cent. Load	50 Per cent. Load	100 Per cent. Load
16	135	440	120	400	108	364	97	331	87	301
25	190	635	175	595	158	541	142	493	128	448
63	340	1140	300	1050	270	956	243	870	219	791
100	475	1650	435	1500	392	1365	352	1242	317	1130
160	670	1950	570	1700	513	1547	462	1408	416	1281
200	780	2300	670	2100	603	1911	543	1739	488	1582

**Table 3 (Effective from 1<sup>st</sup> January, 2017 onwards)**

Standard losses in watts up to 11 KV Class (For ratings above 200 kVA)											
Rating (kVA)	Per Cent. Impedance	Star 1		Star 2		Star 3		Star 4		Star 5	
		50 Per Cent. Load	100 Per Cent. Load	50 Per Cent. Load	100 Per Cent. Load	50 Per Cent. Load	100 Per Cent. Load	50 Per Cent. Load	100 Per Cent. Load	50 Per Cent. Load	100 Per Cent. Load
250	4.5	980	2930	920	2700	864	2488	811	2293	761	2113
315	4.5	1025	3100	955	2750	890	2440	829	2164	772	1920
400	4.5	1225	3450	1150	3330	1080	3214	1013	3102	951	2994
500	4.5	1510	4300	1430	4100	1354	3909	1282	3727	1215	3554

स्वहित एवं राष्ट्रहित में ऊर्जा बचाएँ Save Energy for Benefit of Self and Nation

चौथा तल, सेवा भवन, आर० के० पुरम, नई दिल्ली-110 066 वेबसाइट/Website : www.beeindia.in

4th Floor, Sewa Bhawan, R.K. Puram, New Delhi-110 066 टेली/Tel.: 26179699 (5 Lines) फैक्स/Fax : 91 (11) 26178352

630	4.5	1860	5300	1745	4850	1637	4438	1536	4061	1441	3717
1000	5	2790	7700	2620	7000	2460	6364	2310	5785	2170	5259
1250	5	3300	9200	3220	8400	3142	7670	3066	7003	2991	6394
1600	6.25	4200	11800	3970	11300	3753	10821	3547	1036 3	3353	9924
2000	6.25	5050	15000	4790	14100	4543	13254	4309	1245 9	4088	11711
2500	6.25	6150	18500	5900	17500	5660	16554	5430	1565 9	5209	14813”

Manufacturers/permittee should consider the following for getting star rating approvals:

1. Manufacturers/Permittee are allowed to renew their existing models as per table 2 w.e.f 22<sup>nd</sup> December, 2016.
2. All the existing models will be valid till 31<sup>st</sup> December 2016 and after this, these models will be made expired automatically by BEE.
3. Manufacturers/Permittee are allowed to register their fresh models as per table 2 & table 3 w.e.f 22<sup>nd</sup> December, 2016.

Read the following instructions carefully for those manufacturers who wish to continue the existing model.

#### **A. Renewal of Existing Model:**

If the existing model is continued to comply with revised star level, then the following shall apply:

1. A renewal option (i.e., from table 1 to table 2) will be available on manufacturers/permittee's web portal from 22<sup>nd</sup> December, 2016. If any of the permittee willing to continue their existing model, a declaration on company letter head (with stamp & sign of authorised signatory) needs to be submitted to the Bureau Along with Renewal fee of five hundred rupees. (Renewal fee may be paid through Online Banking or Demand Draft).
2. **After verification, approval letter will be send to permittee for the renewed model with revised star level and it will directly appear in Search & Compare page of BEE star label website (<http://www.beestarlabel.com/Home/Searchcompare>).**

#### **Cases in which continuation is applicable:**

**Case 1:** A 100 KVA distribution transformer with Brand name.....DEF.....and model no. ...ABC/x/y/z..... is registered with BEE as per existing table 1 (valid up to 31<sup>st</sup> December,2016) and its Total Losses (at 50% loading- 435 W & at 100% loading- 1500 W ) i.e. **5 star as per existing table.**



So after revision, for the same brand & model with the Total Losses (at 50% loading- 435 W & at 100% loading- 1500 W) i.e. **2 star as per revised table** (Table 2).

**Case 2:** A 100 KVA distribution transformer with Brand name.....DEF.....and model no. ...ABC/x/y/z..... is registered with BEE as per existing table 1 (valid up to 31<sup>st</sup> December,2016) and its Total Losses (at 50% loading- 317 W & at 100% loading- 1130 W ) i.e. **5 star as per existing table**.

So after revision, for the same brand & model with the Total Losses (at 50% loading- 317 W & at 100% loading- 1130 W) i.e. **5 star as per revised table** (Table 2).

**In both the cases, old test reports would be applicable and BEE would consider the old test report for granting renewal approvals. Declaration is applicable even for Case 2, if there is no technical modification in order to comply with revised energy performance standards (i.e. table 2).**

#### **B. How to apply:**

**Renewal:** All these expired models will appear in manufacturer's portal and in order to renew the model, the following link (marked in red colour) needs to be clicked. Where renewal form will be generated. The link (marked in red colour) would directly appear in manufacturer's portal w.e.f 22<sup>nd</sup> December, 2016.

Renewal



**Saurabh Diddi**  
**(Energy Economist)**  
**19<sup>th</sup> December, 2016**

For further queries write to: [helpdesk@beenet.in](mailto:helpdesk@beenet.in) , [mkhiriya@beenet.in](mailto:mkhiriya@beenet.in)