

JAIPUR VIDYUT VITRAN NIGAM LIMITED

Office of the Chief Engineer (Comml.)

Vidhyut Bhawan, Jan Path, Jaipur

Website

NO.JPD/CE(C)/C.I/F.4(388)/D. 1673

Dt. 30.7.09

ORDER

Sub: Reviewing the norms for allowing maximum numbers of connections from single phase transformers of capacity 5/10/16/25 KVA.

Very high failure rate of single phase distribution transformer is a matter of great concern for Discoms. Although, stringent measures for curbing the tendency on the part of consumer to run single phase motors of higher capacity in an unauthorized manner from Domestic Light connection are in the process of formulation, need for adopting other means for checking failure of Distribution Transformer was badly felt.

To move ahead in this direction the norms for allowing maximum number of such connections from single phase transformers were discussed in the meeting of Discom Coordination Forum held on 22.7.09. Thereafter, following decisions were taken with regard to fix the norms for maximum number of connections on the single phase Distribution Transformer capacitywise:-

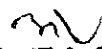
- 1) For different ratings of single phase Distribution Transformer, maximum number of connections are fixed as under:

Responsible Engineer (IT & CRP)

D. No. 1977 dated 30.7.09

XEN(IT/CRP-1/CRP-1) Sect Estt PA

K.T.O.


S.E. (IT & CRP)

Distribution Transformer.	Maximum No. of connections.
25 KVA	25 Nos.
16 KVA	15 Nos.
10 KVA	8 Nos.
5 KVA	4 Nos.

- 2) The 5 KVA single phase Distribution Transformer should be installed only in the scattered area(s) of the villages where one or two connections exist.
- 3) The existing single phase 5 KVA Distribution Transformer where the number of connections are more than 5, the same be replaced by 10 KVA single phase Distribution Transformer to avoid future failure of Transformer in future.
- 4) As far as possible, instead of 5 KVA single phase Distribution Transformer, 10 KVA single phase transformer be installed.

In order to install the single phase distribution transformer correctly to avoid failure in future due to negligence in installation and commissioning, a revised Job Order prescribing a check list is being prepared and the same would be circulated to the field officers after its finalization.

The field officers are advised to follow instructions as above with immediate effect.

N.M. Sareen
30.7.2009

(N.M.Sareen)
Chief Engineer (Comml.)

N.M. Sareen