

AJMER VIDYUT VITRAN NIGAM LIMITED
(COMMERCIAL-WING)

No.AVVNL/ CE/(C)/XEN-I/F.57(f)/2009/D. 2636

Dated: 24.08.09

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:

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 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.


 (P.K. Bogawat) 24/8/09
 Chief Engineer(Comml.)

Copy to the following for information and necessary action :-

1. The Director (Finance/ Technical), AVVNL, Ajmer.
2. The Chief Engineer (O&M), AVVNL, Jhunjhunu.
3. The Zonal Chief Engineer (O&M), AVVNL, Udaipur
4. The Secretary (Admm.) AVVNL, Ajmer.
5. The Chief Accounts Officer, (Account /Audit/ Revenue) AVVNL, Ajmer.
6. The Superintending Engineer (O&M), AVVNL, _____ with _____
_____ Nos. of copies for circulating among field officers.
7. The Superintending Engineer (M & P/ Plan/MM/TW), AVVNL, Ajmer/ Udaipur/ Jaipur.
8. The Company Secretary, AVVNL, Ajmer.
9. The Executive Engineer (_____), AVVNL, _____
10. The Sr. Accounts Officer(_____), AVVNL, _____
11. The in Charge of Legal Section AVVNL, Ajmer.
12. The AO(EA & Cash) AVVNL, Ajmer.
13. The Public Relation Officer, AVVNL, Ajmer.
14. The TA to MD, AVVNL, Ajmer.
15. The PA to MD, AVVNL, Ajmer.
16. The P.A. to M.D. Jaipur/ Jodhpur Discom, Jaipur/ Jodhpur.



**Executive Engineer(Comml-I)
AVVNL.Ajmer**