

DAKSHIN HARYANA BIJLI VITRAN NIGAM

Instruction No.- 10/2006/PD&C

From

The Chief Engineer/PD&C,
(Plg. & Design), DHBVN, Hisar.

To

All C.E.s(OP) in DHBVNL.
All S.E.s(OP) in DHBVNL

Memo No.Ch-14/DD-169

Dated : 21.7.2006

Sub : GUIDELINES FOR LAYING THE HVDS SYSTEM.

A ring main concept should be implemented in HVDS for rural areas and urban slums. Where possible HT line can be taken inside the streets also.

1. As far as possible 11 kV overhead lines should be erected. In case it is not possible to erect 11 kV overhead lines, 11 kV XLPE armoured cable should be laid under-ground/on poles
2. The span of the 11 kV lines shall not be more than 40 meters. 9 Mtr. long poles should be utilized for erecting 11 kV lines as far as possible. 11 Mtr. poles can also be utilized.
3. Only three-phase distribution transformer of capacity 5 KVA to 63 KVA is to be utilized as per requirement of load. The transformer with CRGO /Amorphous core is to be installed in the system. All transformers shall have protection device – e.g. MCCBs or oil immersed protection devices.
4. Meter should be installed on the distribution transformer for recording the outgoing energy.
 6. Only 2 to 3 connections shall be released from one transformer
 7. The individual connections shall be released by using 2 core, 3½ core LT PVC armoured cable as per requirement.
 8. The energy meter for recording the individual consumption shall be installed either on the poles or in the pillar box.

Chief Engineer/PD&C,
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1. SPS to M.D., DHBVNL, Hisar for kind information of the M.D. please.
2. SPS to Director /Projects/(OP), DHBVNL, Hisar for kind information of the Directors please..
3. Chief Engineer (MM), DHBVNL, Hisar
4. S.E., Const. Circle, DHBVNL, Hisar.