

JPR5-162

JAIPUR VIDYUT VITRAN NIGAM LIMITED
(OFFICE OF THE CHIEF ENGINEER (C&P))


No.JP Discom/CE (C&P)/XEN/C.I/F.4 (210)/Pt.v/D.340 Dt.27.02.04

ORDER

Sub : Prescribing norms for electrification of colonies to be developed by private builders.

Presently colonies are being developed by Jaipur Development Authority/Rajasthan Housing Board and also by private colonizers/builders. It has been reported that different agencies are adopting different norms and practices in the matter of electrification of colonies. In order to prescribe uniform norms for electrification, the matter was put-up in 67th meeting of the Coordination Committee held on 19-2-04. After detailed discussions, following decisions were taken for implementing throughout Jaipur Discom :-

- (1) A load of 5 KW per 1000 Sq. feet of plot area be taken for planning of electrical system.
- (2) Individual distribution transformer capacity of not more than 160 KVA shall be for the District Headquarters and for other locations, the maximum capacity of the distribution transformer for such colonies be limited to 100 KVA.
- (3) Provisions of approximately 50% additional line DPs for creations of new 11/0.4 KV Sub-stations be kept for future expansion. For example in case the builder has proposed 10 Nos. distribution Sub-stations, the colony should have a provision of additional 5 Nos. sub-station DPs so that the house owner(s) may not object for creation of new sub-stations at a later stage.
- (4) Maximum length of each LT feeder shall not be more than 125 Meters.
- (5) The LT feeder be laid with ACSR "Weasel" Conductor and 11 KV line with ACSR "Rabbit conductor" only.


(S.C. Malhotra)
Chief Engineer (C&P)

68