



Comml. AJ- 608

AJMER VIDYUT VITRAN NIGAM LIMITED

(Commercial Deptt.) (Website-www.avvnl.com)

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ORDER


Sub : Prescribing norms for electrification of Private Industrial Area being developed by private developers.

Norms were prescribed for electrification of Private Industrial Area being developed by the private developers vide order No. 5191 dated 07.10.2014 (Comml-Aj 559). Various suggestions/comments are being received from the field officers/developers regarding problems being faced in implementation of the above order. The issue was discussed in 67th DCF meeting held on 02.11.2015 and 68th DCF meeting held on dated 16.03.2016 and according to the decision taken in the DCF meetings following revised norms are prescribed for electrification of private Industrial Areas.

1. The electrification of private industrial area shall be done at least on 33 KV or higher supply voltage as per estimated designed demand which shall be calculated as follows :-
10 KW load per thousand Squire feet of plot area for industrial plots shall be considered and 50% of the sum of the load so worked out of all the plots in the industrial area shall be taken as estimated designed demand. For converting KW to KVA, 0.9 PF shall be considered.
2. The technical sanction for electrification of private industrial area to be developed by the builder/developer for estimated designed demand shall be issued by the authority competent to sanction that connected load/demand.
3. For electrification of private industrial area, dedicated 33 KV line from nearest technically feasible 220 KV/132 KV/33 KV Grid sub-station or 33/11KV sub-station shall be laid at the cost of the developer up to the 33 KV sub-station in the proposed industrial area. The 33 KV line shall be charged initially on 11 KV supply voltage up to the recorded maximum demand of 1500 KVA of the Industrial Area at Nigam's Grid Sub Station. When the recorded maximum demand of the industrial area exceeds 1500 KVA, the supply of the industrial area shall be catered from the 33/11 KV sub-station constructed in the industrial area by the developer and power transformer of suitable capacity shall be provided by Nigam at developer's cost.
4. All internal sub-transmission and distribution network shall be developed by the developer at his cost. Developer shall provide double pole structure between each two plots to provide distribution transformer/connection to the prospective consumers i.e. total number of DPs will be 50% of the total number of industrial plots.

5. The 33/11 KV sub-station along with civil works will be constructed by the developer in the proposed industrial area initially irrespective of designed demand even less than 1500 KVA for which land measuring 1500 Sq.meter shall be provided by the developer free of cost to the Nigam.
6. If the estimated design demand of the industrial area is more than 15000 KVA then additional land measuring 5000 Sq.meter shall be provided by the developer free of cost to the Nigam for construction of 132 KV GSS.
7. The estimated cost against installation of power transformer will be recovered from the developer prior to commencement of electrification works and the same shall be provided by the Nigam as per the requirement. The cost of distribution transformers for LT Industrial Consumers shall not be charged initially at the time of preparation of electrification scheme. However, the distribution transformer will be installed by the Nigam as and when required and the cost of the same shall be born by the developer/applicant.
8. In case of private industrial areas developed prior to 12th Jan 2012 and the developer left without electrification of the industrial area, in such cases the connection to the prospective consumers in the industrial area shall be released by charging the pro rata cost of electrification of the industrial area as per the estimated designed demand. The land for 33/11 KV S/S for the industrial area shall be made available by the applicants in the nearby area from district collector or from any third party and cost of land including civil works, 33KV line and 33/11KV S/S, sub-transmission and distribution network shall be charged from the applicant on pro rata basis. For calculation of pro rata cost the remaining industrial plot area having no industrial connection shall be considered.

By order



(B. M. Bhamu)
Chief Engineer (Comm.)