

DAKSHIN HARYANA BIJLI VITRAN NIGAM
Sales Circular No. D-26/2019

From:

CE/Commercial,
DHBVN Hisar

To:

All CEs/SEs/XENs/SDOs/OP,
JEs-I Incharge Sub office in DHBVN.

Memo No. Ch-26/SE/C/R-16/28/2004/F-11

Dated: 10/07/2019

Subject: Approval of Electrification Plan in the colonies / Multi-storied Buildings /Group housing societies developed by HUDA / HSIIDC /Private Colonizers /SEZ - Load norms for Community sites and Nursing Homes in residential plotted colonies.

This is with reference to Sales Circular No. D-16/2017 vide which the revised electrical norms were circulated. In the above mentioned circular, the load norms for the community facilities which are to be mandatorily provided in the townships/residential plotted colonies were not specified along with some other left out issues. Accordingly, the load norms for community sites in residential plotted colonies and clarification on some left out issues are hereby made as under:-

- (a) **Load norm for Plot Size between 2 categories:** - For plot size between two categories say 6.8 Marla which is between 6 Marla & 8 Marla, the ultimate load requirement will be calculated based on norm of next higher. For example for 6.8 Marla size plot, the proportionate load norm based on 8 Marla will be applicable. The load norm in class-A City for 8 Marla plots norm is 16 KW. Therefore for 6.8 Marla plots the load norm would be 13.6 KW and likewise.
- (b) **Commercial Load :-**The existing norms of Commercial load i.e. 16 KW per 100 SQ meter of FAR area would be applied on maximum permissible FAR for commercial area in plotted colony, which at present is 1.75 as per the provision of Haryana Building code. Wherever in a particular case the permissible FAR allowed in lay out plan is more than 1.75 than in that case the actual FAR approved in lay out plan be considered.
- (c) **School Sites:-** The load norms for various school sites in lay out plan is as under:

Sr. No.	Community Site	Plot size	Load [KW]	Demand Factor	Ultimate Load [KW]	Ultimate KVA
1	High School	5 Acre	150	0.5	75	85
2	Primary School	1.0 Acre	30	0.5	15	17
3	Nursery School	0.2 Acre	6	0.5	3	3.5
4	Creche	0.2 Acre	6	0.5	3	3.5

The above load requirement will be applicable for Plots having variation in plot size by +/- 10%. For other sizes of plot, the Load needs to be calculated @ 0.5 KW per 100 SQMM by taking permissible FAR of 1.5 or higher as approved in lay out plan for plot area.

(d) **Community Facilities:-** The norms of similar like Community Facilities is as under :-

Sr. No.	Community Facility	Size of Plot	Load per Plot	Demand Factor	Ultimate Load [KVA] with PF of 0.9
1	ATM	12 SQM	8 KW	0.5	4.45
2	Beauty Parlour	12 SQM	8 KW	0.5	4.45
3	Multi-Purpose Booth	5.00x 5.50 SQM	8 KW	0.5	4.45
4	Milk & Vegetable Booth with toilet facility	5.00 x 5.50 SQM	8 KW	0.5	4.45
5	Sub-Post Office	40 SQM	8 KW	0.5	4.45
6	Religious Building	0.2 Acre	6 KW	0.5	3.35
7	Police Post	1.0 Acre	10 KW	0.5	5.55
8	Electric Sub-station		10 KW	0.5	5.55

(e) The Load Norms for community Sites relating to Health Facilities is as under:-

Sr No	Community Facility	Size of Plot	Load per Plot [KW]	D.F.	Ultimate Load [KVA] with PF of 0.9
1	Health Centre	2.5 Acre	760	0.5	422.22
2	Dispensary / Health Facility	1.25 Acre	380	0.5	211.11
3	Nursing Home	1000 SQM	75	0.5	41.67
4	Clinics	250 SQM	10	0.5	5.55

The above load requirement will be applicable for Plots having variation in plot size by +/- 10%. For any plot in intervening area, the load will be calculated @ 5 KW per 100 SQ meter of FAR with FAR Ratio of 1.5 or higher as approved in lay out plan.

(f) The norms for club and community centres is as under:-


Sr. No.	Type of Community	Plot size	Load [KW]	D.F.	Ultimate Load [KVA] with PF of 0.9
1	Club	2 Acre	200	0.5	100
2	Community centre	2Acre	15 KW	0.5	7.5

Notes:-

- i) For club, the above load requirement will be applicable for Plots having variation in plot size by +/- 10%. For any plot in intervening area, the load will be calculated @ 2.5 KW per 100 SQ meter of FAR with FAR Ratio of 1 or higher as approved in lay out plan.
 - ii) For community centre irrespective of size of plot, the load will taken as 15 KW.
- (g) **Load Norm for communities area of Deen Dayal Affordable Housing Scheme:** - For affordable residential plotted colonies under Deen Dayal Jan Awas Yojna, 2016, the specific communities are not defined and only area for communities is specified, which are normally around half acre to around 1 acre. For such community areas, the load norm would be 15 KW per acre or part thereof.
- (h) **Load norm of Water works, street Light and STP:** - For this the developer will have to submit the approved details of services estimates by HUDA/TCP. In case of non-submission of service estimate, the load calculation will be finalized by concerned SE/OP as per due diligence, which will be considered for approval.
- (i) **Area of undetermined use:** - For the area of undetermined use, no load is to be taken as no usage is defined.

Sales Circular D-16/2017 is amended to this extent only.

The above instructions may be brought to the notice of all concerned for strict and meticulous compliance.


**Superintending Engineer/Commercial,
DHBVN Hisar**