



AJMER VIDYUT VITRAN NIGAM LIMITED

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

Corporate Identification Number (CIN)-U40109RJ2000SGC016482

Regd. Off. Vidyut Bhawan, Panchsheel Nagar, Makadwali Road, Ajmer 305004

Tel No -0145 2644501 , Fax 01452644502, E-mail-cecommercialavvnl@yahoo.co.in

No. AVVNL/ ACE(H.Q.)/SE(Comml)/XEN(C-II) /F. 1498/2020-21/D

Dt. 27-10-20

ORDER

Sub:- Regarding ground clearance of the lowest conductor of overhead lines.

The Central Electricity Authority have prescribed the minimum ground clearance of the lowest conductor of overhead lines in Sub-regulation 58 of CEA (Measures relating to Safty and Electric supply) Regulation-2010 which are as under:-

1) Line erected across a street:-

No conductor of an overhead line, including service lines, erected across a street shall at any part thereof be at a height of less than:-

S. No.	Voltage of Electric line	Minimum Ground clearance
1	For lines of voltage not exceeding 650 V	5.8 meters (19 Ft.)
2	For lines of voltage exceeding 650 V but not exceeding 33KV	6.1 meter (20 Ft.)

2) Line erected along a street:-

No conductor of an overhead line, including service lines, erected along any street shall at any part thereof be at a height of less than:-

S. No.	Voltage of Electric line	Minimum Ground clearance
1	For lines of voltage not exceeding 650 V	5.5 meters (18 Ft.)
2	For lines of voltage exceeding 650 V but not exceeding 33KV	5.8 meter (19 Ft.)

Provided that for lines exceeding 33KV, the minimum clearance along or across any street shall not be less than 6.1 meters.

HL

3) Line erected elsewhere than along or across any street :-

No conductor of an overhead line, including service lines, erected elsewhere than along or across any street shall be at a height of less than:-

S. No.	Voltage of Electric line	Minimum Ground clearance
1	For lines of voltage upto and including 11000 volts , if barenot exceeding 650 V	4.6 meters (15 Ft.)
2	For lines of voltage upto and including 11000 Volts, if insulated.	4.0 meter (13 Ft.)
3	For lines of voltage exceeding 11,000 Volts, but not exceeding 33KV	5.2 meters (17 Ft)
4	For lines of voltage exceeding 33KV	5.2 meters plus 0.30 meter for every additional 33KV or part thereof.

It has been observed that either the overhead electric lines are not erected as per provisions of CEA Safety regulations or due to uplifting of road level / sagging of lines, minimum ground clearance is not maintained and such lines may prove hazardous to human life & property.

To avoid any accident due to less ground clearance of electric lines, all the field officers are directed to identify such high risk points through Feeder In- charge and expedite the work for maintaining proper ground clearance.

All concerned are directed to make strict compliance of above directions.

By Order,


(N.S. Sahwal)

Addl.Chief Engineer (HQ)