



No. JdVVNL/MD/CE(HQ)/SE(RA&C)/JU/2020-21/D. 1190 Dt. 22.10.2020

ORDER

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

The Central Electricity Authority has prescribed the minimum ground clearance of the lowest conductor of overhead lines in Sub-regulation 58 of CEA (Measures relating to Safety and Electric Supply) Regulation-2010 which is 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 Electricity line	Minimum Ground clearance
i	For lines of voltage not exceeding 650 V	5.8 meters (19 Ft.)
ii	For lines of voltage exceeding 650 V but not exceeding 33 kV	6.1 meters (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 Electricity line	Minimum Ground clearance
i	For lines of voltage not exceeding 650 V	5.5 meters (18 Ft.)
ii	For lines of voltage exceeding 650 V but not exceeding 33 kV	5.8 meters (19 Ft.)

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

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 Electricity line	Minimum Ground clearance
i	For lines of voltage upto and including 11,000 Volts, if bare	4.6 meters (15 Ft.)
ii	For lines of voltage upto and including 11,000 Volts, if insulated	4.0 meters (13 Ft.)
iii	For lines of voltage exceeding 11,000 Volts, but not exceeding 33 kV	5.2 meters (17 Ft.)
iv	For lines of voltage exceeding 33 kV	5.2 meters plus 0.30 meter for every additional 33 kV 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 clearances 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,


SUPERINTENDING ENGINEER (RA&C)
JODHPUR DISCOM, JODHPUR

Copy submitted/ forwarded to the following for information and necessary action:

- 1) The Director (Finance / Technical), Jodhpur Discom, Jodhpur.
- 2) The Zonal Chief Engineer (O&M-JDZ/ BMR/ BKZ), Jodhpur Discom, Jodhpur/ Barmer/Bikaner.
- 3) The Addl. Chief Engineer(S&T-CSS/ MM/IT&M&P), Jodhpur Discom, Jodhpur.
- 4) The Chief Accounts Officer(B&R/IA), Jodhpur Discom, Jodhpur.
- 5) The T.A. to Chairman, Discoms, Vidhyut Bhawan, Jaipur, for kind perusal of the Hon'ble Chairman.
- 6) The T.A. to Managing Director, Jodhpur Discom/Jaipur Discom/Ajmer Discom, Jodhpur /Jaipur/ Ajmer, for kind perusal of the Hon'ble MD.
- 7) The Company Secretary, Jodhpur Discom, Jodhpur.
- 8) The Superintending Engineer (CC / DC / O&M / BFL / PP&M / TW / M&P/ MM&C/ Vig.), Jodhpur Discom, Jodhpur / Pali / Barmer / Sirohi / Jalore / Jaisalmer / Bikaner / Hanumangarh / Sriganganagar / Churu/ Jaipur.
- 9) The Superintending Engineer(IT), Jodhpur Discom. Jodhpur for putting up the order on the website of Discom.
- 10) M/s Bikaner Electricity Supply Company, IInd Floor, 3-K-9, Pavanpuri, Bikaner(Raj). 334001 for circulating amongst officers under your control.
- 11) The P. S. to Hon'ble Energy Minister, Secretariat, GoR, Jaipur.
- 12) The P.S. to Secretary (Energy), Govt. of Rajasthan, Jaipur.
- 13) The TA to Electricity Ombudsman, Vidhyut Viniyamak Bhawan, Sahakar Marg, Near State Motor Garage, Jaipur, for kind perusal of Ombudsman.
- 14) The Addl. S. P. (Vigilance), Jodhpur Discom, Jodhpur. With spare copies for distribution amongst vigilance officers.
- 15) The Sr. Accounts Officer/Accounts Officer (O&M-CC / DC / Audit/ Rev), Jodhpur Discom, Jodhpur / Bikaner.
- 16) The Executive Engineer (O&M/ DD/ CTL/ A-B-C-Zone/ City-I-II/ Legal/ IA / Training/ Vigilance), Jodhpur Discom,..... **for circulating amongst all the AENs/JENs/ARO under your control.**
- 17) The Public Relation Officer, Jodhpur Discom, Jodhpur.
- 18)


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