

GOVERNMENT OF ODISHA
ENERGY DEPARTMENT

No. 1929 / Bhubaneswar, dt. 13th February, 2020.
- RR-RR-003/19

From

Shri Bishnupada Sethi, IAS
Principal Secretary to Govt.,



To

The Additional Chief Secretary to Govt.,
Rural Development Department, Govt. of Odisha, Bhubaneswar
The Principal Secretary to Govt.,
Water Resources Department, Govt. of Odisha, Bhubaneswar
The Principal Secretary to Govt.,
Panchayat Raj Department, Govt. of Odisha, Bhubaneswar
The Principal Secretary to Govt.,
Housing and Urban Development Department, Govt. of Odisha,
The Commissioner-cum-Secretary to Govt.,
Works Department, Govt. of Odisha, Bhubaneswar .T
The Commissioner-cum-Secretary to Govt., Commerce & Transport
Department, Govt. of Odisha, Bhubaneswar.

Sub: Regarding erection or alteration of buildings, structures, river/ Canal banks and elevation of roads under electrical lines.

Ref.: i) Regulation 63 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulation, 2010.
ii) Letter No. 7777 dt. 27.10.2016 of Dept. of Energy.
iii) Memo No. 1753 dt. 11.02.2020 of Dept. of Energy.

Sir,

I am to bring to your kind notice that many of the electrical accidents in the state involving the general public are found to have taken place due to inadequate ground clearance of electric lines and due to unauthorized construction of roads and building beneath the low voltage/ high voltage lines.

In this connection, it is to bring to your kind attention that roads, canal banks are being developed/ up-graded by Works/ Rural Development/ Panchayati Raj/ Water Resources departments and other organizations by raising the height of roads and canal banks. However, in certain occasions, due to such elevated roads/ river or canal banks the ground clearance of electric lines is decreasing below the minimum standard. During transportation of sugarcane, bamboos and other firm products by tractors or trucks, the vehicles may come in contact with live electric wires. Also, some times the vehicle helpers use wooden stumps to clear the line for which they meet electrical accidents. Such type of problems have also occurred during transportation of construction equipment and materials like Cranes, Rollers and other conducting materials like steels, sheets etc. where it can directly come in contact with live lines.

As per regulation-63 of CEA (Measures Relating to Safety and Electric Supply) Regulation, 2010, *"..Any person who proposes to erect a new building or structure or flood bank or to raise any road level or to carry out any other type of work whether permanent or temporary or to make in or upon any building, or structure or flood bank or road, any permanent or temporary addition or alteration, such person and the contractor whom he employs to carry out the erection, addition or alteration, shall, give intimation in writing of his intention to do so, to the supplier or owner and to the Electrical Inspector and shall furnish therewith a scale drawing showing the proposed building, structure, flood bank, road or any addition or alteration and scaffolding thereof required during the construction"*. In this regard, copy of relevant regulations 58 to 65 of CEA (Measures Relating to Safety and Electric Supply) Regulation, 2010 regarding minimum clearances, is enclosed herewith for your immediate reference. Prescribed minimum ground clearance and clearance from building are also given.

However, if any such construction/ addition/ alteration noticed is not at par with the regulations 58, 60, 61, 64 and 65 of CEA (Measures Relating to Safety and Electric Supply) Regulation, 2010, this may be brought to the notice of supplier/ owner/ electrical inspector in writing for necessary action. In case any construction has been undertaken, diversion can be taken up as per the provision prescribed in the Regulation.

You are therefore requested to circulate the guidelines prescribed in the regulations to the notice of sub-ordinate executing officers and agencies for

ensuring safety of the general public. For any further clarification in this regard, safety officers of concerned DISCOMs and the electrical inspectors can be contacted for necessary guidance and support. In this connection, necessary instruction may please be issued to the executing agencies or supervising authorities under your administrative control for a comprehensive enforcement of statutory safety requirements.

Yours faithfully

Encl.: As above.

Nishikanta Saha
Principal Secretary to Govt.
13-2-2020

Memo No. 1930 /, Dated 13/2/2020.

Copy along with enclosure submitted to CMD, OPTCL, Bhubaneswar for information and necessary action.

Nishikanta Saha
Principal Secretary to Govt.
13-2-2020

Memo No. 1931 /, Dated 13/2/2020.

Copy along with enclosure submitted to Engineer-in-Chief-Cum-Principal Chief Electrical Inspector, Odisha, Bhubaneswar for information and necessary action.

Nishikanta Saha
Principal Secretary to Govt.
13-2-2020

Memo No. 1932 /, Dated 13/2/2020.

Copy along with enclosure to CEO, CESU, Bhubaneswar / Authorized Officer, NESCO, Balasore / Authorized Officer, SOUTHCO, Berhampur / Authorized Officer, WESCO, Sambalpur for information and necessary action.

Nishikanta Saha
Principal Secretary to Govt.
13-2-2020