

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

No. B28(a)/39946/2013-14



Corporate Office
Kaveri Bhavan,
Bengaluru – 560 009.

9 MAR 2015

CIRCULAR

Sub: Prevention of Electrical Accidents due to conductors snapping etc., and Safety Measures.

Ref: KERC e-mail dated: 11.09.2014.

The number of electrical accidents occurred in KPTCL and all ESCOMs in the State of Karnataka, during FY-14 has increased drastically by 25% when compared to FY-13. Further, during FY-14, the number of fatal accidents to Human beings has increased by 17% and number of fatal accidents to animals has increased by 48%.

The drastic increase in Electrical Accidents in KPTCL & all ESCOMs in the State of Karnataka is due to Snapping of Conductor, accidental contact with live wires, accidental energization of poles, groundwires, guardwires and guys, public ignorance, fall from ladder, Tower & supports, induction, un-authorized energization of fence, defects in consumer premises and un-authorized meddling of Company properties and others.

KERC has analyzed the Electrical Accidents in KPTCL and ESCOMs for the years FY-12-13 and FY-13-14 and has suggested the following recommendations to prevent Electrical Accidents.

1. Adopting the best construction practices at the time of Line/Transformers erection.
2. Routine maintenance on Overhead Lines/Transformers and carrying out the prescribed Maintenance Schedules and rectifying the defects observed.

3. Providing effective protection for automatic switching off of power supply.

EE (IT)	<input checked="" type="checkbox"/>
EE (MS)	
DCA (TD)	
SEE (M)	

16/3/15

ACE-2
AB
16/3/2014

The percentage accidents happening due to various causes is enclosed. All the Chief Engineer Electricity, Transmission Zones have to create public awareness on accidents caused due to accidental contact with live wires and ignorance on the party/public as these percentages are large among accidents analysed.

More accidents are happening due to accidental contact with live wires and ignorance on the part of public. As such, Public awareness is the need of the hour.

The Chief Engineer Electricity, Transmission Zones may send draft advertisements to the Deputy General Manager(Tech). so that a common awareness programme across the State can be issued.

These instructions shall be strictly adhered to and action to be taken in 7 days.

Sudha 9/3/15
Deputy General Manager (Tech.)
KPTCL

To,

1. All the Chief Engineers Electy., Transmission Zones, KPTCL.
2. The Chief Engineer Electricity (TA&QC), Electrical Safety Officer, KPTCL.
3. All the Superintending Engineers (EI), Works/Maintenance/W&M Circles, KPTCL.
4. All the Executive Engineers (EI), Major Works Divisions, KPTCL.
5. All the Executive Engineers (EI), TL&SS Divisions, KPTCL.
6. PS to MD/D(Transmission)/D(Finance) of KPTCL, Kaveri Bhavan, Bangalore.
7. PS to MD/D(T) of all ESCOMs.

Copy to:

- ✓ The Superintending Engineer (EI), IT & MIS with a request to arrange to upload this circular on the KPTCL website for view of the officers of KPTCL.