

F. No. 1-16/93PT (Vol.III)
Government of India
Ministry of Environment, Forest and Climate Change
National Tiger Conservation Authority

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Dated: 20.12.2017

To,
The Chief Wildlife Warden(s),
All Tiger Range States

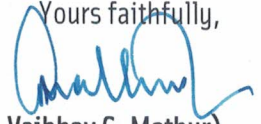
Sub: Advisory to emergent situation of tiger and sympatric species mortality due to electrocution –
reg.

Sir,

Please find enclosed herewith an advisory to deal with the emergent situation of tiger and sympatric species mortality due to electrocution. In this context, I am directed to request you to comply with suggested actions and take action as appropriate, in the matter.

Encl: As above.

Yours faithfully,



(Dr. Vaibhav C. Mathur)

Assistant Inspector General (NTCA)

Copy for information & necessary action:

1. The Field Director(s), All Tiger Reserve.
2. The IGFs/AIGs, Regional Office, NTCA, Nagur, Bangalore and Guwahati.

Title: Advisory to prevent tiger and sympatric species mortality due to electrocution

Subject: To deal with the emergent situation of tiger and sympatric species mortality due to electrocution

Reference: Generic guidelines for preparation of Security Plan for tiger reserves

Purpose: To ensure that dispersing tigers do not fall victim to electrocution in human dominated landscapes

Suggested Actions:

Field level:

- Identification of threat posed by villages based on (i) their distance from Protected Area, (ii) Habitat quality available and (iii) Proportion of forested area in a villages
- Mapping of transmission lines and electric stations/sub stations should be carried out and identify officials manning them. (Maps may be prepared using open source data like Open Street map, Google layers etc., if required)
- Analysis of cropping patterns and land tenure dynamics of tigers to assess when tiger movement shall be intense outside Protected Areas
- Constitution of joint teams comprising Forest officials, Electricity Department officials and members of PRIs/NGOs
- Special patrolling by aforesaid teams along transmission lines in buffer and corridor areas wearing appropriate safety gear
- Instituting a reward system to encourage people to report illegal power fences in operation
- Evolve a mechanism to separate electricity supply for household and agriculture use so as to shut down agriculture supply line during sensitive periods (Dusk to Dawn)
- Installation of sensitive circuit breakers to pin location of electrocution
- Promotion of solar powered fencing around agricultural fields
- Special emphasis for surveying electricity connections to agricultural pumps and similar equipment. Further, an undertaking should be taken from the end user by the agricultural pump/equipment provider and the Electricity Department that the pump/equipment shall be used for legitimate purposes only, failing which confiscation and /or termination of connection shall be carried out.
- Explore possibility of stone wall fencing which shall restrict ungulate movement but are permeable to wild carnivores
- Timely payment of compensation for crop and/ or livestock damage
- Penal action as deterrent for future in form of temporary/permanent disconnection of electricity besides action in accordance with provisions of the Wildlife (Protection) Act, 1972, besides other prevalent Acts of the Electricity Department.

Administrative level

- Periodic meetings between Forest and Electricity Department, frequency of which may be decided based on sensitivity of seasons, to share information on tripping and action taken in this regard by respective Departments
- Zone wise nodal officials of Departments concerned, should be identified to communicate on a regular basis
- Mass awareness programmes to be organized using extension media, local press clubs, radio and television stations by Departments concerned
- Steps be taken to promote and facilitate crop and livestock insurance schemes
- Possibility of insulating transmission lines, besides routing cables underground should explored in all sensitive areas in discussion with the electricity department