GOVERNMENT OF ODISHA
DEPARTMENT OF ENERGY

No. 3521/En., Bhubaneswar Dated 01.5.2013
R&R-10/13

From
Sri P K Jena, IAS,
Commissioner-cum-Secretary to Govt.

To
All the Collectors

Sub: - Guideline for Elephant Corridor and shifting of lines from Govt. Schools & Anganwadi Centre

Sir,

I am directed to say that Govt. is very keen to provide a protective environment to the elephants as lot of concern has been shown by the people for the accidental death of the elephants. To provide space for the safe movement of the elephants without any hazard from the infrastructure of the electrical installations it has become necessary to meticulously plan and execute a standard protocol in the energy system throughout the State in a phased manner.

Since the death of elephant has raised furore, Energy Deptt. contemplates to proactively take steps in consultation with other stakeholders including the Forest & Environment Deptt.

In this regard a letter bearing No. 3740/JWL-G-12/2011 dt. 29.04.2013 issued by Principal Chief Conservator of Forest (Wild Life) and Chief Wild Life Warden, Odisha is also attached with this guideline to provide further clarification regarding the action to be taken in consultation with RCCFs and DFOs.

Added to that, Energy Deptt. is also equally concerned about the safety and security of the children going to the Govt. School & Anganwadi Centres. The children being the citizens in making and also the future of the nation, Energy Deptt. believes that it will not leave any scope for any accident to occur in the premises of the Govt. School because of electrical installations and other ancillary infrastructures relating to energy which have to be shifted outside of the premise for providing a protective, safe, secure ambiance to the children in Anganwadi Centres and Govt. Schools as well.

To translate the plan of action into reality and for Strengthening of infrastructure including lines & substations in the Elephant Corridor and for shifting of lines and transformers from Govt. Schools & Anganwadi premises the following guidelines have been prepared in a consultative mode.

(A) ELEPHANT CORRIDOR
1. Strengthening of lines & substations in the Elephant Corridor will be taken up on priority basis as per the priority list given by the PCCF, Wild Life, Odisha in phased manner.
2. The estimates will be vetted by the Technical committee constituted vide this Deptt. order no 3252/23-04-2013.
3. The parameters for vetting of the estimates are:
a. Interposing of poles with Spikes in all the existing and interposed poles to maintain proper ground clearance.
b. Cupping of poles.
c. Fencing of Sub-station with barbed wire.
d. Conversion of LT bare conductor to AB Cable.
e. The DISCOMs overhead charges towards supervision, Stock & Storage, T & P and Contingency Charges shall be excluded from the Estimates.
f. The estimates should be prepared as per the OERC approved cost.
4. The Technical specification of all the materials will be as per CAPEX programme.
5. The funds will be placed as per the decision of Expenditure Finance Committee (EFC) with reference to Finance Dept. order no1068/ codes-27/2011/F Dated 10-01-2013.

(B) SHIFTING OF LINES & SUB-STATIONS FROM THE GOVERNMENT SCHOOL & ANGANWADI PREMISES:

1. The safety of Govt. Schools & Anganwadi premises only will be the prime concerned.
2. The estimates will be vetted by the Technical committee constituted vide this Deptt. order no 3252/23-04-2013.
3. All the Sub-Stations up to 100 KVA shall be pole mounted. Plinth mounted Sub-Station shall be for 250KVA and above capacity. The plinth of the substation shall be fairly high one which will deter the children from climbing the same.
4. The following parameters have been fixed for vetting of estimates:-
   a. All the LT lines to be converted to AB Cable, where such lines passing through the Government School/Anganwadi premises cannot be shifted on account of technical reasons/non-availability of ROW for such shifting.
   b. All HT lines inside the school & Anganwadi premises must have to be shifted. If there is ROW problem for shifting of the HT lines XLPE insulated HT overhead cables shall be provided. If overhead HT lines are shifted these should be tapped from the nearest cut point of the existing lines outside the school premises and should be drawn by the side of the school premises.
   c. The Sub-Stations located in the boundary wall should preferably be shifted outside such premises and wherever not possible or feasible to be shifted, they shall be properly fenced with barbed wire. If the transformer is shifted from the premises it should be located at a safer place.
   d. In each Sub-Station danger board must be displayed.
   e. The dismantled transformers, conductors, AB Switch with cross arm and insulators should be reused.
   f. The DISCOMs overhead charges for supervision, Stock & Storages, T & P and Contingency Charges shall be excluded from the Estimates. The estimates should be prepared as per the OERC approved cost.
5. The Technical specification of all the materials will be as per CAPEX programme.
6. The priority list of school & Anganwadi Centres may be decided by the District Administration in consultation with DISCOM authorities.
7. The funds will be placed as per the decision of Expenditure Finance Committee (EFC) with reference to Finance Dept. order no1068/ codes-27/2011/F Dated 10-01-2013.
For smooth operation and speedy execution of above projects the following steps may be taken by the DISCOMs for smaller nature of works (e.g. shifting of lines and transformer from Government Schools/Anganwadi premises and small stretch of work in Elephant Corridor) where tendering may not be feasible always:

1. The DISCOMs are to prepare item wise rate contract (for line, substations etc.) as approved by OERC and develop a list of empanelled contractors (selected through an open bidding process) who are willing to execute the above works within such rate contract.

2. As large No. of works are small in nature with less cost involved throughout the State, the DISCOMs may execute the works through enrolled contractors who are willing to execute the works within their rate contract.

3. DISCOMs shall decide whether to execute the works through tender or empaneled contractors within the rate contract according to the cost of the project.

4. There will be provision of 3rd party inspection as in CAPEX programme.

Yours faithfully,

Commissioner-cum-Secretary to Govt.

Memo No. 3522/En., Dated 01.5.2013

Copy forwarded to Principal Secretary to Govt., Forest & Environment Deptt., Odisha/ Commissioner-cum-Secretary to Govt., W & CD Deptt. / Commissioner-cum-Secretary to Govt., School & Mass Education Deptt. for information and necessary action.

Commissioner-cum-Secretary to Govt.

Memo No. 3523/En., Dated 01.5.2013

Copy forwarded to RDC, Southern Division, Berhampur/ Northern Division, Sambalpur/Central Division, Cuttack for information.

Commissioner-cum-Secretary to Govt.

Memo No. 3524/En., Dated 01.5.2013

Copy forwarded to CEO, CESU, Bhubaneswar/MD, WESCO, Burla/ MD, NESCO, Balasore/MD, SOUTHCO, Berhampur/CEO, CSO (WESCO, NESCO & SOUTHCO) for information and necessary action. A letter bearing No. 3740/IWL-G-12/2011 dt. 29.04.2013 issued by Principal Chief Conservator of Forest (Wild Life) and Chief Wild Life Warden, Odisha is attached with this guideline to provide further clarification regarding the action to be taken in consultation with RCCFs and DFOs.

They are requested to follow the above guidelines meticulously.

Commissioner-cum-Secretary to Govt.
Memo No. 3525/En., Dated 01.5.2013
Copy forwarded to PCCF (Wildlife), Bhubaneswar for information and necessary action.

Commissioner-cum-Secretary to Govt.

Memo No. 3526/En., Dated 01.5.2013
Copy forwarded to CE (P)-cum-CEI (G), Bhubaneswar/Sri J Jena, /Sri C.V. Sastry/ Sri B.K. Sisugoswami Technical Consultants of Energy Deptt. for information and necessary action.

Commissioner-cum-Secretary to Govt.

Memo No. 3527/En., Dated 01.5.2013
Copy forwarded to all Officers, Energy Deptt./all DCOs of DISCOMs. / Budget Branch/Guard File (10 copies) for information and necessary action.

Deputy Secretary to Govt.
OFFICE OF THE PRINCIPAL CCF (WILDLIFE) & CHIEF WILDLIFE WARDEN, ODISHA.
5TH FLOOR, B.D.A. APARTMENT, PRAKRUTI BHAWAN, NILAKANTHA NAGAR,
NAYAPALLI, BHUBANESWAR- 751012. Phone: 0674-2564587; Fax: 0674-2565062
Email: odishawildlife@gmail.com, Website: www.odishawildlife.org

No. 2340/1WL-G-12/2011
Bhubaneswar, Dated the 29th April, 2013.

To

The Commissioner-cum-Secretary to Govt. of Odisha,
Energy Department, Bhubaneswar.

Sub:- Improvement of Electricity Transmission Infrastructure in Elephant
movement areas vulnerable habitats and corridors etc.

Sir,

It is learnt that Energy Deptt. has kept some budget provision for
improvement of Electricity Transmission Infrastructure in Elephant movement areas
vulnerable habitats and corridors etc to prevent death of elephants due to
electrocution. For executing above project, the list of Divisions in order of priority is
enclosed herewith. The DFOs have been instructed to show the locations, spots
which are vulnerable for electrocution due to frequent movement of elephants in the
area. It is requested that field officials of Energy Deptt./Power Distribution Companies
may please contact the concerned DFOs and finalise the plan for rectification/improvement of electricity transmission infrastructure or to install some other technical
devices which are appropriate. For better coordination at senior level, the name and
designation of concerned Regional CCFs is also provided in the annexure. List of
other vulnerable Divisions will be sent after further study.

This may kindly be treated as most urgent.

Encl: As above.

Yours faithfully,

Principal Chief Conservator of Forests (WL)
& Chief Wildlife Warden, Odisha

Memo No. 2341 Dt. 29-4-12
Copy forwarded to Principal Secretary to Govt., Forest & Environment Deptt,
Odisha for kind information & necessary action.

Principal Chief Conservator of Forests (WL)
& Chief Wildlife Warden, Odisha

Memo No. 2342 Dt. 29-4-12
Copy forwarded to all RCCFs and DFOs (T) & (WL) for information &
necessary action. They are requested to extend all cooperation to the Energy Department
officials in identification of locations keeping in view the movement of elephants in their
division for improving energy transmission infrastructures.

Principal Chief Conservator of Forests (WL)
& Chief Wildlife Warden, Odisha
<table>
<thead>
<tr>
<th>SI No.</th>
<th>Priority Division</th>
<th>RCCF &amp; Telephone No.</th>
<th>Elephant Corridor (Passing through the Division)</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Keonjhar (T) Divn</td>
<td>Rourakela Circle 0661-2664324</td>
<td>Telkoi-Palalahara, Similipal-Hadgarh-Kuldiha, Karo-Karampada</td>
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<tr>
<td>2</td>
<td>Dhenkanal (T)</td>
<td>Angul Circle 06764-230304</td>
<td>Maulabhanj-Jhiridamali-Anandapur Kehneijena-Anantapur Nuagaon-Baru nei</td>
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<td>3</td>
<td>Bara (WL)</td>
<td>Sambalpur Circle 0663-2548045</td>
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<td>4</td>
<td>Bonai (T)</td>
<td>Rourakela Circle 0661-2664324</td>
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<td>5</td>
<td>Berhmapur (T)</td>
<td>Berhmapur Circle 0680-2281694</td>
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<tr>
<td>6</td>
<td>Ghumsur (North) (T) Divn</td>
<td>Berhmapur Circle</td>
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