



APSEB ENGINEERS' ASSOCIATION

(Regd. No. 874 of 1975)

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Hyderabad

22-9-2015

To

The Chairman & Managing Director,
AP Transco,
HYDERABAD.

Sir,

Sub: - Patrolling guidelines of EHT lines formulated by SRPC –
Adoption of guidelines in APTransco – regarding.

APSEB Engineers' Association wishes to bring to your kind notice on Letter No. CPS/SP/121/SRPC-GENL/VOL.1/D.NO.18/14 dt. 19.6.2014, where in it was instructed to implement the patrolling of overhead transmission lines formulated by SRPC. Where in, EHT lines were categorized as Most Vulnerable, vulnerable and normal lines as per clause no 3.1 and Patrolling staffs are categorized as Junior, Senior & Executive as per clause no.3.2 of guidelines, which does not exist in APTRANSCO. Clause no. 3.2 of SRPC guidelines is mentioned below.

Sl. No.	Section/ Terrain	Frequency and By		
1	Normal	Quarterly by Junior staff	Six monthly by Senior Engineer	Yearly by Executive
2	Vulnerable	Bi-monthly (Once in two months) by Junior staff	Once in four months by Senior Engineer	Half yearly by Executive
3	Most Vulnerable	Monthly by Junior staff	Quarterly by Senior Engineer	Half yearly by Executive

It is to submit that ADE/Lines & Assistant Engineer / Lines with CBD gang consisting of 8/10 nos. highly skilled contract labour are looking after the following O&M works of EHT Lines in APTransco.

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Regular ground patrolling monthly for most vulnerable lines, bi-monthly for vulnerable lines, quarterly for normal lines including tree cutting & Maintenance works.

1. SP-patrolling of line in case of Tripping.
2. Pre-Manson inspection of lines & rectification.
3. Attending emergencies / break downs.

The protocol for inspection of EHT lines by respective AE/Lines, ADE/Lines, DE(O&M) & SE(OMC) in vogue in APTransco is as follows.

1. AE - 10% of his jurisdiction per month
2. ADE - 5% of his jurisdiction per month.
3. DE - 30 Km + all the SS in the Division every six months.
4. SE - 15 Km + all the SS in the Circle in a year.

The Regular ground patrolling of lines as per monthly targets is being carried out by CBD gang and also patrolling of lines is being carried out by AE, ADE, DE & SE as per the existing protocol guidelines of APTRANSCO. Though there is no clarity regarding cadres mentioned in clause no. 3.2 of SRPC guidelines compared with APTRANSCO cadres i.e SBE, AE, ADE, DE and SE but the spirit of the above guidelines are already being adopted in APTransco.

In the back ground of SRPC guide lines it is opined that sometimes the grid disturbance is due to non-clearance of bushes/jungle, non-trimming of trees with in RoW of transmissions lines periodically. But in APTRANSCO, CBD gang consisting of 8/10 nos. highly skilled contract labour are assisting each Lines Sub-Division, in attending regular ground patrolling as per monthly targets and carrying out the clearing of trees, bushes/jungle, trimming of trees and also patrolling of lines is being carried out by AE, ADE, DE & SE as per the existing protocol guidelines of APTRANSCO.

In view of the above, this Association request the following modification for inspection of EHT lines in proportion to the SRPC guidelines may please be adopted in APTransco for O&M of lines.

Sl. No.	Frequency and By	Section/Terrain		
		Normal line (Per Line)	Vulnerable line (Per Line)	Most Vulnerable line(Per Line)
1	Supervisor or Sub-Engineer with CBD Gang	Quarterly	Bi-Monthly	Monthly
2	Assistant Engineer	Once in six months	Once in four months	Once in quarter
3	Assistant Divisional Engineer	Yearly	Half Yearly	Half yearly
4	Divisional Engineer (O&M)	10 spans / 11 towers in a year	10 spans / 11 towers in a year	10 spans / 11 towers in half yearly
5	Superintending Engineer(OMC)	Check Measurement	Check Measurement	Check Measurement

Thanking you and assuring you of our co-operation at all times.

Yours faithfully,



M.Vedavyasa Rao
Secretary General

Copy Submitted to :

1. Director(Grid , Transmission & Management)