



## KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956) CIN :U40100KL2011SGC027424  
Reg. Office: Vydyuthi Bhavanam, Pattom, Thiruvananthapuram – 695 004, Kerala.  
Phone: (O) +91 471 2514554 (CUG) +91 944 600 8137  
E-mail: safety@kseb.in; website: www.kseb.in.

### ABSTRACT

Budget for the period from FY 22-23 to FY 26-27 under safety wing- Inter departmental coordination - Orders issued.

### CORPORATE OFFICE (Safety)

**B.O (FTD). No 161 /2023 (CSC/AE2/FTD /2022-23) Tvp, dated 31. 03.2023.**

- Read: 1) Note No: CSC/ AEE1 /2022-23/156 dated 29.09.2022 of the Chief Safety Commissioner to the Deputy Chief Engineer (TRAC).
- 2) Note No. CSC/ AE1 /2022-23 /173 dated 21.10.2022 of the Director (Transmission, System Operation, Planning & Safety) (Agenda No: 41/10/22)
- 3) Note No. DIRECT- AE1 /2022/8796[1] (1) dated 19.02.2023 of the Director (Distribution, IT & SCM).
- 4) Supplementary Note No. CSC/ AE2 /2022-23 /309 dated 16.03.2023 of the Director (Transmission, System Operation, Planning & Safety (Agenda No. 51/03/23)

### ORDER

The main objective of safety wing in KSEB Ltd is to maintain a persistent and systematic safety culture in the organization by reducing the accidents to zero level. Various activities are being carried out for strengthening the message of "Safety First" in the minds of all field staff of KSEB Ltd. Safety kit containing 14 safety equipments in a carry bag is being issued to all linemen in distribution wing, which is a major step in changing the safety culture in KSEB Ltd. Many training programs on First aid, usage of Personal Protective Equipments and Safety awareness classes to Board Staff and Contract Workers in Division/Subdivision level are being conducted as per CEA safety Regulations 2011.

The major proposals for improving the safety culture of employees and adopting new technologies for reducing the number of accidents from KSEB Ltd installations are listed below. It is proposed that the execution part of budget may be accomplished by the concerned departments.

**Installation of LT spacers:** To avoid accidents to public due to conductor snapping, it is decided to provide spacers on war footing basis as a special drive in prioritized locations. Targets have been fixed for all Electrical Circles with the aim of completion of installation



of 23 Lakh spacers in LT lines during the six month period from October 2021 to March 2022. Also installations of spacers have to be continued as the 2<sup>nd</sup> phase for the remaining areas also, from April 2022 till 100% completion is achieved. The financial commitment towards this is calculated as Rupees 27.15 Crore. An amount of Rupees 10.20 Crores is to be provided under safety wing for the above. Total spacers to be installed for the financial years from April 2022 to March 2026 is 3.2 Crore approximately and financial commitment towards this is calculated as Rs.368 Crore. An amount of Rupees 19.55 Crores is to be provided under safety wing for the financial year 2022-23 and Rupees 44.55 Crores for each of the financial years 2023-24,2024-25,2025-26.

**Providing safety kit to all line staff in Distribution wing:** KSEBL is issuing safety kit containing 14 safety equipments such as gloves, helmet, Safety belt, safety shoes, rain coat, jacket, L.T tester, L.T Earth rod etc to every lineman in distribution wing by accounting it through HRIS. The objective is to ensure the usage of personal protective equipments as per Regulation 19 of CEA Safety regulation 2010, by all line staff in Electrical section offices. Safety kits are to be provided to all line staff in Electrical section offices and around 14,000 numbers of kits are required. Torn out and damaged items in the safety kit have to be replaced as and when required for ensuring safety. Expenditure for this is estimated as Rs.3 Cr every year.

**MIDEA:** KSEBL has accorded sanction for establishing a new unit named MIDEA (Manufacturing unit for Innovative Devices, Equipment and Accessories) for driving innovations within KSEBL, manufacturing useful devices to enhance workplace safety, for assessing whether concepts from outside the KSEBL hold potential for the utility etc. In the initial phase, MIDEA will be manufacturing ACSR Detector, AB switch Flags, Special Line shorting Clips, Earth spikes, Voltage Detector B-Alert, Special type ladders etc. Rs.50 Lakh is to be provided for 2021-22 and a total of R\$.5Cr for 2022-27.

**Innovative Pilot Projects on Safety:** Several innovative safety proposals are being received from KSEBL staff as well as external agencies offering electrical safety to human as well as animals by isolating electric supply effectively in case of faults, tripping and alert systems to avoid accidents due to conductor snapping etc and also for loss reduction and ensuring safety to Board Installations. An amount of Rs.5 Lakh is to be provided for the Revised Plan for the year 2021-22. An amount of Rs.20 Lakh per annum is anticipated for the pilot implementation of such proposals/projects if seen valid, on scrutiny by MIDEA.

**Safety awareness:** An expenditure of Rs. 5 Lakh every annum is to be provided for imparting electrical safety awareness to public through various means such as conducting awareness programmes, issuing safety booklets, brochures etc every year.

**Purchase of Safety Vest:** An expenditure of Rs.1.1 Crore every annum is to be provided for procuring safety vests for the use of distribution field Staff (both workmen and Officers up to the level of Executive Engineer) every year.

**Miscellaneous Safety Works:** An expenditure of Rupees 0.1 Crore is to be provided for the revised plan for the financial year 2021-22 and each of the financial years 2022-23,2023-24, 2024-25,2025-26 for Miscellaneous Safety Works. An expenditure of Rupees 1 Crore is to be provided under the financial year 2026-27.



Total budget provision proposed for the financial year from 2022-23 to 2026-27 is Rs. 181.35 Crore. Also, it was proposed to create a separate account for safety, to facilitate the accounting of expenditure towards safety related activities in the ARR to be filed before KSERC, thereby recovering the expenditure through energy charges.

The Director (Transmission &SO, Planning, & Safety) as per note read 2<sup>nd</sup> above placed the matter before the Full Time Directors for a decision.

The Full Time Directors meeting held on 26.10.2022 (Agenda No: 41/10/22) resolved to accord in principal approval of the safety budget for an amount of Rs 181.35 Cr as follows.

Sl. No	Particulars	Amount (Rs. in Cr)					
		FY-23	FY-24	FY-25	FY-26	FY-27	TOTAL
1.	Providing LT Spacers	19.55	44.55	44.55	44.55	NIL	153.2
2.	Safety Innovative Proposals	0.2	0.2	0.2	0.2	0.2	1.0
3.	Public Awareness Programmes on Safety	0.05	0.05	0.05	0.05	0.05	0.25
4.	Purchase of Safety Kit	3	3	3	3	3	15
5.	Safety Project MIDEA	1	1	1	1	1	5
6.	Purchase of Safety Vests	1.1	1.1	1.1	1.1	1.1	5.5
7.	Miscellaneous Safety Works	0.1	0.1	0.1	0.1	1.0	1.4
	<b>TOTAL</b>	<b>25.00</b>	<b>50.00</b>	<b>50.00</b>	<b>50.00</b>	<b>6.35</b>	<b>181.35</b>

Also resolved to work out the details of component and projected requirement. It is further resolved to include the same in the RDSS supplementary proposal.

Insertion of spacers along with new line construction come under the scope of system improvement work and distribution wing already included these works in RDSS. Insertion of spacers in the existing line which comes under the preview of safety wing does not contribute any loss reduction, and hence does not come under the scope of RDSS.

The Director (Dist, IT & SCM) as per note read 3<sup>rd</sup> above furnished the details of component and projected requirement for total number of LT spacers for Distribution wing and the allocation of safety wing.

The Director (Transmission &SO, Planning & Safety) placed the details, as per note read 4<sup>th</sup> above before the Full Time Directors and the report of Director (Transmission &SO, Planning & Safety) was noted.

Orders are issued accordingly.

By Order of Full Time Directors

Sd/-

**LEKHA.G**  
Company Secretary

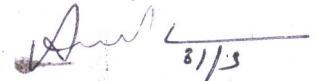
To

1. Chief Safety Commissioner.
2. Chief Engineers, Distribution (South, Central, North, North Malabar).
3. Chief Engineer, Transmission (South, North).
4. Chief Engineer, Generation.
5. Chief Engineer (SCM).
6. Chief Engineer (IT, CR & CAPS).
7. Financial Advisor.
8. Deputy Chief Engineer (Planning).
9. Chief Public Relations Officer.

Copy to.

1. The Legal Advisor & Disciplinary Enquiry Officer.
2. The TA to Chairman & Managing Director/ Director (Distribution, IT& SCM) / (Transmission & System Operation, Planning, Safety,) / (Generation- Electrical) / (Generation-Civil) / (Soura, REES, Sports & Welfare).
3. The PA to Director (Finance) / Senior CA to Secretary (Administration) / Company Secretary.
4. Fair Copy Superintendent/ Stock File.

Forwarded by order



Assistant Engineer