

**GOVERNMENT OF INDIA / भारत सरकार**  
**MINISTRY OF RAILWAYS / रेल मंत्रालय**  
**(RAILWAY BOARD / रेलवे बोर्ड)**

No.2006/Elect (G)/180/11pt1 (EON-3325965)

New Delhi, Dated 11.12.2024

**General Manager**  
**RCF, Kapurthala**

**PCMEs,**  
**All Zonal Railways**

**Sub: Electrical maintenance of LVPH coaches.**

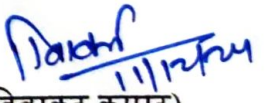
Ref: Discussion during unusual meeting on 20.11.2024 in Railway Board.

Apropos above, to streamline the electrical maintenance of LVPH and to enhance the reliability and operational requirements of LVPH, the following should be followed:

1. Base depot should be allotted to ensure timely maintenance of schedules of LVPH coaches
2. To ensure timely liquidation of maintenance schedules of LVPH coaches, they should ideally be returned to the base depots after every trip, but no later than 1-month, so that the intermediate schedules (D2, D3) can be done on time and maintenance reliability improves.
3. Nominated base depot should keep sufficient number of spares of batteries, ZS coupler, light fittings and other equipment's for proper maintenance of LVPH coaches.
4. Charging of battery of LVPH coaches before each loading, en-route and after each unloading should be ensured.
5. Maintenance of all electrical equipment's should be as per CAMTECH maintenance manual.
6. As of now 70AH capacity VRLA battery has been provided in LVPH, which may be increased to 120AH for taking care of deep discharge of batteries.
7. RCF is advised to provide 120AH battery in LVPH and issue a scheme for retrofitment of existing LVPH coaches as well and to provide it in new LVPH coaches.
8. RCF is also advised to fit axle driven generator of sufficient capacity in the LVPH for charging of batteries in a LVPH as POC.
9. Bangalore division of SWR has been nominated to develop Solar power system for LVPH for charging of batteries under innovation. Same needs to be completed by December 2024.

All Zonal Railways are advised to take necessary action for the reliability improvement of LVPH coaches.

This has the approval of Board (MTRS).

  
(दिवाकर कुमार)

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