



GOVERNMENT OF KERALA

Abstract

Power Department - Electrical Inspectorate - Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2023 - powers vested in the Government under Regulation 136 - deviation in Regulation 62 and 63 - construction of basement car parking below the overhead electric lines by Sri Aby Alias T Abraham Joseph - conditional permission granted - orders issued.

POWER (A) DEPARTMENT

G.O.(Rt)No.136/2025/POWER Dated, Thiruvananthapuram, 13-07-2025

- Read :
1. Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2023
 2. Application dated 30.09.2024 submitted by Sri Aby Alias T Abraham Joseph
 3. GO(Ms) No.7/2024/Power dated 21.10.2024
 4. Minutes of the meeting held on 27.03.2025 by the three member Committee constituted in connection with permitting deviation in Regulation 62 and 63 of the Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2023
 5. Minutes of the meeting held by Additional Chief Secretary (Power) on 29.05.2025
 6. Letter No. TCK/DB1/LMSDK/2025-26/180 dated 06.05.2025 of the Deputy Chief Engineer, Kerala State Electricity Board Limited, Transmission Circle, Kalamasseri
 7. Letter No. CEI/5751/2024-B4 dated 26.05.2025 & Letter No. CEI/9166/2023-B2 dated 06.06.2025 and 13.06.2025 of Chief Electrical Inspector

ORDER

Sri Aby Alias T Abraham Joseph, vide letter 2nd read above had requested for permission to construct basement car park below the 110 kV overhead line in the land under his possession at Re-Survey No.458/3-5, Block-9, Kakkanad Village, Kanayannur Taluk, Ernakulam. He has stated that there is ample vertical as well as horizontal clearance requirement stipulated as per the Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2023.

(2) As per the Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations 2023, Regulations 62 and 63, no construction work shall be carried out under the existing overhead lines. However, as per Regulation 136, the State Government has the power to allow deviation in the said Regulations. A three-member committee was constituted vide GO(Ms) No.7/2024/Power dated 21.10.2024 to examine the applications related to construction of buildings under such lines. The application submitted by Sri Aby Alias T Abraham Joseph was discussed in the meetings of the Committee held on 20.12.2024, 01.02.2025 and 27.03.2025 and finally forwarded to Government vide letter dated 26.05.2025 read as 7th the paper above.

(3) Additional Chief Secretary (Power) had held a meeting on 29.05.2025 to discuss this matter. In the meeting it was decided that the Chief Electrical Inspector would list out all safety measures to be complied with as per the Regulations and Kerala State Electricity Board Limited would furnish their remarks on the same, on the basis of which the Power Department would take further necessary action.

(4) Consequently, Chief Electrical Inspector has furnished the following safety measures:

- a. The protections required in respect of transmission lines as per Regulation 48 (3) of Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations 2022 and listed in Schedule V shall be provided .
- b. Additional string insulators shall be provided so that the line does not fall down even if it breaks.
- c. Excavation shall not be carried out within 10 metre from tower footing (regulation 67 (3) of Central Electricity Authority (Measures relating to

Safety and Electric Supply Regulations, 2023).

- a. No further construction shall be permitted without the prior approval from Electrical Inspectorate and KSEBL (Regulation 65 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations 2023.

(5) KSEBL has provided the following observations/ suggestions on the matter :

- i. The feeders are provided with Over current, Earth fault, Distance protections etc. as required for the Extra High Tension (EHT) lines.
- ii. To increase the strength of the line and to prevent breakage, double insulators have been provided on both sides of the line.
- iii. The existing towers placed on both sides of the said site are high-rise C type tension towers installed as part of the Metro Phase II project.
- iv. The foundation of the tower is made of concrete piles fixed in the rock.
- v. The line and earth wire are made using new conductors.
- vi. Considering the presence of EHT customers and the practical difficulty of relocating all the towers, the possibility of converting the existing lines to 220kV is remote.

(6) Government have examined the matter in detail and are pleased to accord permission to the Deputy Chief Electrical Inspector, Ernakulam to grant conditional permission to Sri Aby Alias T Abraham Joseph to construct the said the car-park subject to observing the safeguards such as fencing and CCTV along the right-of-way, no excavation shall be permitted within distance of 10 meters from the tower footings, insulation/guarding of the span, and prior vetting of structural and fire-safety drawings by the Deputy Chief Electrical Inspector, Ernakulam. Apart from this, the safety guidelines stipulated by Chief Electrical Inspector and Kerala State Electricity Board Limited which have been mentioned in para (4) and (5) respectively of this Government Order. In addition to the above, the following conditions shall also be strictly adhered to:

1. The Applicant who is granted conditional permission for construction of basement car parking building under the overhead lines shall strictly ensure that the procedures prescribed in Regulation 65 of the

Regulations have been followed and the clearance prescribed in the said Regulation have been maintained.

2. The Car Parking facility shall be limited to the specified use of Car Parking by the inhabitants.
3. An affidavit is to be signed by the applicant stating that the construction of the basement car parking building under the overhead power line is at the sole risk and responsibility of the land owner/person constructing the basement car parking building and if any loss of life or property occurs due to this overhead line during the use of the building, he/she shall not be entitled to any compensation and the electricity distribution company, the owner of the power line, the Electrical Inspectorate Department or the members of the committee constituted as per the Government Order read as 3rd paper above will not be responsible in this regard.
4. Deputy Chief Electrical Inspector, Ernakulam should obtain an undertaking from the Sri. Aby Alias T Abraham Joseph to ensure that the instructions and norms issued by the Government, Local Government Bodies, Electrical Inspectorate Department or the electricity distribution companies from time to time in this regard shall be strictly adhered to.
5. The construction of the building should be strictly as per the approved drawing.
6. Erection of temporary structure, scaffolding etc. shall not infringe the clearance noted in the drawing.
7. Transport of construction and other materials, movement of workers in the vicinity of power line and handling of iron rods, pipes and other similar materials on the top of the building should be done very carefully with efficient supervision and observing necessary safety precautions.
8. Workers engaged for the construction should be made fully aware of the danger involved due to the energized power line near the construction.
9. TV antenna or similar structure should not be erected on the building fouling the statutory clearance from the line.

10. Violation of regulations 63 & 66 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2023 should not be resulted during and after the construction of the building.
11. Any alteration or modification from the approved drawing shall be done only with prior written sanction from Electrical Inspectorate Department.
12. Government/ Electrical Inspectorate Department /electricity distribution companies / members of the committee constituted as per the Government Order read as 3rd paper above will not anyway be responsible for any contingencies occurring due to snapping/ sagging of over head lines and violation of relevant regulations.
13. During or after the construction of building, any modification suggested from Electrical Inspectorate/ electricity distribution companies/ or any other Government Agency under Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2023 shall also be carried out by the owner.
14. Consent from the local authority should be obtained for proposed construction.
15. This conditional permission is subject to disallowance or revision by the State Government as per Regulation 136 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2023.
16. The commencement of construction and its completion should be intimated to the KSEBL / electricity distribution companies office concerned well in advance.
17. Horizontal clearance marked should not be fouled during and after the construction.

(By Order of the Governor)
MIR MOHAMMED ALI I A S
SPECIAL SECRETARY

1. CMD, Kerala State Electricity Board Limited, Thiruvananthapuram
2. Chief Electrical Inspector, Thiruvananthapuram
3. Deputy Chief Electrical Inspector, Ernakulam (Through CEI)

4. Sri Aby Alias T Abraham Joseph, Thamarapallil, No. 55/ Ward 9, Opp. BBC Hall, Chengannur, Kallissery PO, Alappuzha - 689124
5. Principal Accountant General (A&E/ Audit), Thiruvananthapuram
6. Information & Public Relations (Web & New Media) Department
7. Stock File/ Office Copy

Forwarded / By order

Section Officer