

Procedure for development of KSECBC compliant buildings and maintaining compliance

• Initiation of Construction

The owner of proposed buildings within the scope of Energy Conservation Building Code (ECBC) shall have full obligation and responsibility of carrying out the work on the commissioning of the said building complying with the requirements of Kerala State Energy Conservation Building Code (KSECBC) Rules. Every owner shall utilise the service of the Building Energy efficiency Expert (BEEE)/Certified Energy Auditor -Building (When such cadre will be made available by BEE, Ministry of Power, Govt. of India) for designing and checking for ECBC compliance before submitting the documents for building permits to Local Self Government Institution concerned, with submission of copy of the requisite forms and details related to ECBC compliance to EMC.

The service of BEEEs may be utilised by the building owner of the proposed buildings to design energy efficient buildings, installation of materials and equipments to meet with the requirements of Kerala Energy Conservation (Building Code) Rules 2017 or subsequent amendments in force from time to time.

Along with the application for building permit submitted to the Local Body, for those buildings which falls under the purview of KSECBC the applicant shall submit the following documents.

1. Documents as per Appendix (G) with certification from a Licensed engineer with BEEE certification or counter signed by a BEEE, that the building design is fully compliant with the requirements of Kerala Energy Conservation Building Code Rules-2017
2. Approval forms for KSECBC Appendix K(A), Appendix K(B) and Appendix K(C) of Kerala Municipality Building Rules 2019/ Kerala Panchayat Building Rules 2019 and its amendments

Note:

In case of any discrepancies in the compliance documentation detected subsequently, the same shall be rectified at the risk and cost of the Licensed Engineer with BEEE certification or countersigning BEEE who certified the initial design.

The applicant shall simultaneously submit the following documents to EMC-Kerala, and EMC shall scrutinize the Appendix (G) of Kerala Energy Conservation Building Code Rules 2017 and intimate any non-compliance to the applicant and the Local body within 30 days of receipt.

1. Copy of documents as per Appendix (G), para 16 of the schedule of Kerala Energy Conservation Building Code Rules 2017, submitted to the local body
2. Copy of building permit application form submitted to local body
3. Copies of Appendix K(A), Appendix K(B) and Appendix K(C) of KMBR 2019/ KPBR 2019, submitted to the Local body.
4. KSECBC compliance report and the simulation files (if Whole Building Performance is followed)

- **During construction and at the time of Occupancy**

The proposed building shall be erected as Kerala State Energy Conservation Building Code(KSECBC) compliant. The building owner may seek the support of Building Energy Efficiency Experts to monitor the construction, installation of materials and equipments to meet with the requirements of Kerala Energy Conservation (Building Code) Rules 2017.

After the erection of the building, the building owner shall submit the 'Notice of completion' as per Appendix K(D) of Kerala Municipality Building Rules 2019 / Kerala Panchayat Building Rules 2019 to the concerned Local Self Government Institution and submit a copy of the same to Energy Management Centre- Kerala.

[Buildings with more than 100kW connected loads have to produce ECBC compliance certification before occupancy & Electrical Scheme approval with the Electrical Inspectorate Department.](#)

- **After occupancy**

As per G.O.(Rt) No. 2/2011/P.D. dated 1.1.2011, Energy Audit is mandatory for High Tension/Extra High tension and High Rise Buildings and this audit shall be got done periodically once in every three years and report shall be submitted to Energy Management Centre- Kerala. Energy audit must be done in KSECBC compliant buildings and the reports shall be submitted to EMC periodically as specified in the said order.