



KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Corporate Identity Number (CIN) : U40109KA1999SGC025521

Regd. Office of the Company : Corporate Office, Kaveri Bhavan, K.G. Road, Bengaluru-560 009

KPTCL/B9/39308/16-17

Encl: K ECBC 2018 (Code & Rules).

Date :

3 FEB 2021

The Chief Engineer (Ele)

Transmission Zones,

KPTCL,

Bengaluru/Mysuru/Tumakuru/Hassan/Bagalkote/Kalaburagi.

Sir,

Sub:- Karnataka Energy Conservation Building Code (KECBC) 2018 – regarding adoption in KPTCL.

- Ref:-**
1. KPTCL/B9/39308/16-17 dated 20/01/2017
 2. Notification No. EN/171/VSC/2018 dated 25/11/2019 issued by Energy Department, GOK.
 3. KPTCL/B9/39308/16-17 dated 17/02/2020.
 4. KREDL/EE&EC/09/F103/2020-2020/65 dated 04/01/2021.

The Karnataka Energy Conservation Building Code (ECBC)-2014 was notified in the gazette on 27/11/2014 by the Government of Karnataka and came into effect in the State, from the date of notification. Due to the current market scenario and advance technologies, the said code was updated and K ECBC (Code) 2018 and K ECBC Rules 2018 were published by the Government in the notification dated 25/11/2019 and the same was published in the Karnataka gazette on 28/05/2020.

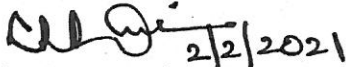
The code is applicable to all buildings or building complexes that have a connected load of 100kW or greater, or contract demand of 120kVA or greater and are intended to be used for commercial purposes. The updated version has 3 levels of compliance namely.

- ECBC Mandatory level, which set a minimum Energy Efficient requirements.
- ECBC+ Voluntary and advancement levels that go beyond the minimum requirements in building technology to further.
- Super ECBC reduce energy consumption and promote low- carbon growth

The Managing Director, KREDL in the letter cited under reference (4) has stated that adoption in ECBC 2018 lowers the building energy requirement without affecting the function, comfort, health or productivity of the occupants and lead to about 30 to 50% energy savings in the commercial buildings which in addition results in CO₂ reduction. Further, the list of building energy efficient materials (Electrical and Civil) has been included in the PWD Schedule of Rates for inclusion in estimates and also for promoting construction of energy efficient /ECBC compliant buildings.

In the Corporate circular dated 17/02/2020, directions have been issued to adopt mandatory requirements of K ECBC 2018 in all KPTCL buildings to be taken up for construction. Further, it is directed that in respect of ongoing buildings the relevant provision of K ECBC 2018 shall be adopted wherever feasible and practicable, duly considering the contractual obligations. The copy of the K ECBC 2018 Annexure I and II have been published in KPTCL website for reference and implementation.

The copy of the K ECBC (Code)-2018 and K ECBC (Rules) -2018 are enclosed herewith for reference and for adoption.


2/2/2021
General Manager (Tech)
KPTCL, Bengaluru.

Copy to:

1. The Chief Engineer (Ele), (P&C), (T&P), (TA &QC), (RT & R&D), KPTCL, Kaveri Bhavan, Bengaluru.
2. The Chief Engineer (Ele), SLDC, A.R. Circle, KPTCL, Bengaluru
3. All Superintending Engineers (Ele), KPTCL.
4. The Superintending Engineer (Civil), KPTCL, Kaveri Bhavan, Bengaluru.
5. The Superintending Engineer (Ele), (IT), KPTCL, Kaveri Bhavan, Bengaluru, with a request to publish the same in KPTCL website.
6. All Executive Engineers (Ele) / (Civil), KPTCL.
7. SPS to Managing Director/ Director (Transmission)/ Director (Finance)/ Director (A & HR), KPTCL, Kaveri Bhavan, Bengaluru.