



## **KERALA STATE ELECTRICITY BOARD LTD.**

(Incorporated under the Companies Act, 1956)

Reg. Office: Vidyuthi Bhavanam, Pattom  
Thiruvananthapuram-695004

Email: [ceit@kseb.in](mailto:ceit@kseb.in)

Phone: 91(471) 251 4610, 4274, 4624

Website: [www.kseb.in](http://www.kseb.in) CIN: U40100KL2011SGC027424

---

### **ABSTRACT**

KFON Project – Providing Power Supply to KFON PoPs from the LT Panels at Substations – Sanctioned - Orders issued.

---

### **CORPORATE OFFICE (IT&CR)**

B.O.(FTD) No.209/2021 (CE-IT/RITU/KFON/PoP/2020-21) TVPM. Dated 18.03.2021

- Read:**
1. BO (FTD) No.818/2019(CE-IT&CR/ RITU/KFON/2019-20/) dated 04.11.2019.
  2. Office Order (D(D, IT & HRM)) No. 171/2021 (CE-IT/RITU/ KFON/PoP/2020-21) dated 05.02.2021.
  3. E-mail and letter dated 20.02.2021 of the Project Head, KFON.
  4. Note No: CE-IT/RITU/KFON/PoP/2020-21/517 dated 03.03.2021 of the Chief Engineer (IT, CR & CAPs) (Agenda Item No: 18/3/21)

### **ORDER**

KFON (Kerala Fibre Optic Network) project, is progressing at a fast pace. As part of the project, a pre-fabricated PoP (Point of Presence) shelter, housing communication equipment of KFON, are being installed at the premises of 376 KSEBL Substations.

KSEBL, as per order read as 1<sup>st</sup> above, accorded sanction to extend power supply from auxiliary transformer of substations for providing uninterrupted power supply to the PoPs which is essential for KFON network subject to the collection of applicable charges and tariff. KSEBL also authorized the Deputy Chief Engineer, Transmission Circles to make necessary arrangement for providing uninterrupted power supply to the Pops from auxiliary supply of substations and also authorized the Deputy Chief Engineer, Electrical Circles to provide metered power supply to PoPs on behalf of KSITIL as per the prevailing rules and regulations in force of KSEBL.

As per office order read as 2<sup>nd</sup> above, sanction was accorded to accept fees for new service connection and to accept electricity charges of 376 PoP locations as part of KFON project, through the Corporate Service Center (CSC) at Centralized Customer Care Center. So far payment of application fees of over 40 PoPs are already done and connection is effected from respective section offices of KSEBL.

The Project Head, KFON as per letter read as 3<sup>rd</sup> above, has requested to extend the LT Power Supply to KFON PoPs from LT Panels of respective substations for ensuring uninterrupted power supply, since Core PoPs are extremely sensitive to temperature

variations. Presently, the supply to PoPs is from auxiliary transformer. In case of shutdown of auxiliary transformer (for routine maintenance works etc), if the supply to PoP is disconnected for more than half an hour, that PoP will eventually shut down, causing subsequent shutdown of a part of KFON Network. The total load of each Core PoP is 30 kW and that of each Aggregate PoP is 10.2 kW. In substation LT Panel, alternate supply is available and effecting metered connection from the LT panel (similar to communication room) will ensure uninterrupted power supply to the PoPs.

The matter was placed before the Full Time Directors as per the Note read as 4<sup>th</sup> above, of the Chief Engineer (IT, CR& CAPs).

Having considered the matter in detail, the Full Time Directors, in the meeting held on 09.03.2021, resolved to accord sanction for effecting metered power supply to KFON PoPs from the LT Panels at Substations (similar to communication room) to ensure uninterrupted power supply to PoPs.

Orders issued accordingly.

**By Order of the Full Time Directors**

**SD/-**

**LEKHA. G**

**COMPANY SECRETARY(i/c)**

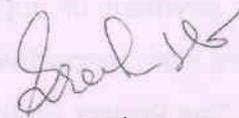
To

1. The Chief Engineer (IT, CR& CAPs).
2. The Chief Engineer, Distribution (North, North-Malabar, Central, South).
3. The Chief Engineer (Transmission- North/South).

Copy to:

1. The Chief Engineer (Transmission- System Operation).
2. The Deputy Chief Engineers, All Electrical Circles
3. The Deputy Chief Engineers, All Transmission Circles
4. The T.A. to Chairman & Managing Director/Director (D, IT&HRM)/ Director (T&SO) / Director (G-E&SCM)/ Director (G-C)/Director (Planning & Safety).
5. The P.A. to Director (Finance)/ Senior CA to Secretary (Admn.), Company Secretary.
6. The Financial Adviser/ Chief Internal Auditor.
7. The Fair Copy Superintendent/ Library/ Stock File.

Forwarded / By Order



Assistant Engineer