



KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Companies Act, 1956)

Office of the Chief Engineer(IT,CR & CAPs)

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No.CEIT/RITU/KFON/PoP/2023-24/

Date:18-01-2024

CIRCULAR

Sub: KFON Project -Interruption of Power Supply to KFON PoPs installed in Substations
- Issuing of Circular -reg

Ref: 1.BO(FTD) No.209/2021 (CEIT/RITU/KFON/PoP/2020-21) dtd 18-3-2021

2.Ltr No:KSITIL/KFON/2023-24/227 dtd 13-12-2023 from KFON Ltd

3.Note No:CEIT/RITU/KFON/PoP/2023-24 dtd 30-12-2023

KFON project aims to establish a robust optical fibre network across the state. As part of this project, KFON has established 375 PoPs at Substations of KSEBL, with 372 of them currently operational. KSEBL as per BO under ref (1) has accorded sanction for effecting metered power supply to KFON PoPs from LT panels at Substations to ensure uninterrupted power supply to PoPs. Any interruption in the power supply to KFON PoPs at these substations more than half an hour leads to network disruptions, which in turn affects the whole OFC network.

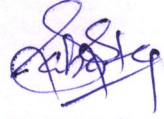
This issue is critical as KFON's provision of internet/ intranet connectivity to 19,578 government offices, including key establishments like hospitals, schools, treasuries, etc. relies on the OFC network from these PoPs. It is to be noted that 579 KSEBL offices have already transitioned to KFON's intranet and internet services, and the decision to disconnect Airtel connections in favor of KFON connectivity has already been made. KFON vide letter cited above reported that disruptions in power supply to these PoPs have significantly impacted KFON activities, affecting their performance. If KFON do not provide reliable connectivity, the sustainability of the network will be compromised.

KSEBL have examined the matter in detail and following instructions are hereby issued to the officers & staff under Transmission & Distribution wings, for ensuring uninterrupted power supply to the KFON PoPs installed at Substations.

1. Explore the possibility of back-feeding the power supply to PoPs during total substation shutdowns which could serve as a contingency measure to maintain uninterrupted power supply to the KFON PoPs installed at Substations.
2. Inform KFON authorities at least 2 days in advance via Phone/ Whatsapp/ Email regarding the scheduled substation shutdowns, so that alternate supply arrangements shall be made by KFON, where back feeding is not feasible. Intimation shall be given to KFON during emergency shutdown also.

I/18043/2024

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SABITHA S
SECRETARY

To
The Officers & Staff in Transmission & Distribution wings.