GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No. 2009/Elect(G)/150/7/Pt. New Delhi, 03.06.2020

General Managers
All Zonal Railways & Production Units
Chief Administrative Officer (R)/DMW
Director General/RDSO, IRIEEN & NAIR
Directors/Centralized Training Institutes

Sub: **Adoption of Smart Prepaid metering system for all Railway Installations from which Railways has to collect charges for consuming electricity.**

Ref: i) Bd.'s letter no. 2009/Elect(G)/150/7 dt.13.05.09.
ii) Budget Speech of FY 2020-21 by Minister of Finance.
iii) CEA amendment notification dated 23.12.2019.

Power utilities in India have been striving hard to extend best possible support to customers by improving revenue collection efficiency. Meter reading, preparation of bills its distribution and collection of payments takes away a considerable amount of time and efforts for the utility which can be eliminated by the prepayment metering system. Demand side management, improved quality of supply along with high customer satisfaction has resulted in acceptance of the new system by utilities everywhere.

Minister of Finance has urged in his budget speech of FY2020-2021 that all the States and Union Territories should replace conventional energy meters by prepaid smart meters in the next 3 years.

Vide amendment notification dated 23.12.2019, Central Electricity Authority has substituted that:

"(1) (a) all new Interface Meters and Energy Accounting and Audit Meters shall be of static type and shall have automatic remote meter reading facility;

(b) all new Consumer Meters shall be Smart Meters with prepayment feature:

Provided that the existing meters, other than Smart Meters, shall be replaced with Smart Meters with prepayment feature within a time frame as specified by the Central Government."

As a part of energy efficiency program of IR & for proper accounting of energy, directions were issued to Railways, PUs, Workshops, CTIs for adoption of advanced metering systems in all residential quarters and provision of pre-paid meters for vendors at all A1/A category stations vide Board's letter under reference.

Therefore, in view of budget speech of FY2020-2021 by Minister of Finance, benefits of prepaid meters and in compliance to CEA amendment notification dated 23.12.2019, it is advised that all installations (Railway staff quarters, Vendors, Private contractors' offices, restaurants, Union offices etc.) from which Railways has to collect charges for consuming electricity, should be provided with prepaid meters. Further, it is advised that in first phase, all installations should be covered other than Railway staff quarters. Work may be got sanctioned in PH-36 as per requirement.

This issues with the approval of Board ***(Member Traction).***

03/06/2020

(Sudit Garg)
Director Elect. Engg.(Power Supply)

Copy to; PCEEs/All Zonal Railways & PUs -for necessary action please.