

Date: 01.04.2023

CERTIFICATE OF ENERGY AUDIT

(Certificate no.: TS / Energy Audit / 22-23/ 001/ Kharupetia College)

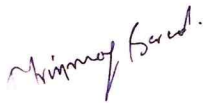
This is to certify that we had conducted **Electrical Energy & Safety Audit** of **Kharupetia College, Kharupetia, Assam** on **21 March, 2023** (as per the Work Order of the Office of the Principal, Kharupetia College, dated 13.03.2023)

The audit observations and findings reveal that there are scopes for improving the safety and economy in the existing electrical power sourcing and distribution arrangement at the college campus:

- There is scope for significant reduction in the monthly electricity bills by lowering the Electricity Supply Contract Demand in accordance with the actual requirement.
- A defective solar panel should be repaired/replaced urgently to utilize full installed capacity of the rooftop solar plant. Currently one of the two arrays of solar plant is lying disconnected.
- Some other tweaking in the electricity distribution arrangement are necessary to optimize the energy utilization at the college campus.
- Some major safety weakness/discrepancies were observed in the power distribution arrangement and earthing arrangement which need immediate rectification.

The observed weaknesses and suggested remedial/improvement measures are elaborated in our submitted **"Electrical Energy & Safety Audit Report."**

The electrical energy utilization at the audited installation (Kharupetia College) may be considered fully safe and economical after implementing the suggested rectification and improvement measures.



(Mrinmoy Boruah)

Chief Energy Auditor

BEE Energy Auditor Regn no. EA-3511