

ACTION TAKEN REPORT AND ACHIEVEMENT OF THE ENERGY AUDIT DONE FOR KALIABOR COLLEGE.

2022-2023

Recommendation mentioned by Auditor for Energy Audit	Action taken	Achievements
A digital energy meter should be installed at solar power generation system to monitor generation of power on a daily basis. Power generated can be monitored with the help of a browser with internet connection.	Incomplete.	Not Achieved
Layers of dirt in the form of dust must be removed regularly on a weekly basis to ensure optimum generation of power.	Regular cleaning of the solar panels is done.	Practiced routinely.
Partial shading of solar panels due to trees should be done away with by trimming the branches of trees to ensure optimum generation of power.	High rise trees near the solar panels are pruned and trimmed as	Practiced routinely.

	and when needed so as to ensure maximum sunlight reaches the panels.	
All 40W tube lamps, CFL, halide and halogen lamps should be replaced by energy efficient LED lamps in phased manner depending on the use value of the lamps.	Completed.	All old bulbs have been replaced with more energy efficient variants.
Unused plugs (6 and 16 amps) should be plugged and isolated from circuit.	Completed.	Achieved
Conventional ceiling fans (75kw) may be replaced by energy efficient 35w BLDC (Brush Less Direct Current) fans in phased manner depending on use of fans.	Partially completed.	Completion under process.
Filters of air conditioners should be cleaned to reduce load on ACs.	Servicing done regularly.	Achieved.

(Dr. Uttam Kumar Baruah)
Principal
Kaliabor College