



BARBAHG COLLEGE

Kalag:Nalbari: Assam

REPORT ON ENERGY USAGE 2017-2022

Energy conservation is an important aspect of college campus sustainability and environment friendly perspective. It is linked with carbon footprint of the campus. To follow the energy conservation initiatives Barbahg College has conducted energy audit so that it has acquainted with the pros and cons of energy consumption, expenses, which would help the institution to take future action plan in those perspectives. Energy auditing relates to the conservation and methods to reduce its consumption which is directly related to environmental degradation. The energy audit report of Barbahg College reflects the following rate, ratio and initiative of the college in its energy conservation policy. The reports highlight the following points.

- 1.The Energy Audit has reviewed the analysis of energy consumption from May 2021 to January 2022.
2. The Audit observation reflects building wise and block wise distribution of loads, consumption of D.G, Cooler equipment etc.
- 3.The energy Audit make suggestion regarding the consumption, utilisation and reduction initiatives that the College should have to carried on further.

ACTION TAKEN AS PER THE ENERGY AUDIT COMMITTEE:

As per the recommendation of energy audit Committee, the institution have taken the following policy—

- 1) To monitor the energy related issues, the college authority decided to form an internal energy monitoring committee which will monitor, recommend and keep notice any energy consumption, reduction and improvement related issues.
- 2) The authority has decided to purchase more energy conservation equipment, and to install energy conservation management efforts as mentioned in the Action Taken Policy of Clear and Green Campus initiatives.
3. Barbhag College followed some protocols and code of conduct for the stakeholders of the College to aware and follow the energy conservation initiative, habit and action, such as—
 - a) Switching off the lights and fans when not in use.
 - b) Using of water judiciously
 - c) Use of printers and photocopy machines judiciously
 - d) ACs must be switched off when not in use.
 - e) Installation of Solar Light in the college campus
 - f) Installation of Sensor based bulb in the college campus
 - g) Installation of Power conservation AC.
 - h) Installation of LED bulbs for conservation of energy.
 - i) Water Conservation and reuse initiative had been taken.
 - j) As per the recommendation of the Energy audit Barbhag College tried to bought AC having 5-star rating

Date: 21.08.2022

Place: Kalag



Birinchi
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(Dr. Birinchi Choudhury)