



Balagarh Bijoy Krishna Mahavidyalaya

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College Energy Usage Policy

Introduction

The College is committed to promoting sustainable practices and reducing its environmental impact. This Energy Usage Policy aims to guide the College community in reducing energy consumption, improving energy efficiency, and promoting the use of renewable energy sources.

Purpose

The purpose of this policy is to:

- Reduce energy consumption and improve energy efficiency across the College.
- Promote the use of renewable energy sources.
- Increase awareness and encourage responsible energy usage among students, faculty, and staff.
- Contribute to the College's sustainability goals and reduce greenhouse gas emissions.

Scope

This policy applies to all students, faculty, staff, and visitors of the College, as well as all buildings, facilities, and equipment owned or operated by the College.


Policy Statements

1. Energy Efficiency and Conservation

1.1. Building Design and Renovations

- All new buildings and major renovations must comply with energy efficiency standards and incorporate sustainable design principles.
- Energy-efficient lighting, heating, ventilation, and air conditioning (HVAC) systems must be used.

1.2. Lighting


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- Use energy-efficient lighting, such as LED bulbs, in all buildings and outdoor areas.
- Implement automatic lighting controls, such as occupancy sensors and daylight harvesting systems, to reduce unnecessary lighting.

1.3. Heating, Ventilation, and Air Conditioning (HVAC)

- Maintain HVAC systems regularly to ensure optimal performance and energy efficiency.
- Set temperature controls to recommended energy-saving settings and encourage the use of natural ventilation when possible.

1.4. Equipment and Appliances

- Purchase energy-efficient appliances and office equipment that meet or exceed ENERGY STAR standards.
- Encourage the use of power-saving settings and the practice of turning off equipment when not in use.

2. Renewable Energy

2.1. Energy Sources

- Invest in renewable energy sources, such as solar panels and wind turbines, to generate a portion of the College's energy needs.
- Explore opportunities for purchasing green energy from external suppliers.

2.2. Energy Storage and Management

- Implement energy storage solutions to optimize the use of renewable energy.
- Utilize energy management systems to monitor and control energy usage in real-time.

3. Awareness and Education

3.1. Training and Awareness Programs

- Conduct regular training and awareness programs for students, faculty, and staff on energy conservation practices and the importance of sustainability.
- Promote energy-saving tips and guidelines through various communication channels.

3.2. Student and Staff Engagement

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- Encourage student and staff involvement in energy conservation initiatives and sustainability projects.
- Establish an Energy Conservation Committee to oversee the implementation of this policy and monitor progress.

4. Monitoring and Reporting

4.1. Energy Audits and Assessments

- Conduct regular energy audits to identify areas for improvement and track energy usage.
- Perform periodic assessments of energy consumption patterns and implement corrective measures as needed.

4.2. Reporting and Accountability

- Develop an annual energy report to summarize energy usage, conservation efforts, and achievements.
- Set measurable targets for energy reduction and track progress towards these goals.

Responsibilities

- **Facilities Management:** Responsible for implementing energy-efficient practices in building operations and maintenance.
- **Sustainability Office:** Oversees the College's sustainability initiatives and ensures compliance with this policy.
- **Energy Conservation Committee:** Monitors the implementation of the policy, conducts energy audits, and promotes energy conservation awareness.
- **All College Members:** Expected to adhere to this policy, practice energy conservation, and participate in sustainability initiatives.


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