



ENERGY POLICIES AND GUIDELINES OF KHARUPETIA COLLEGE

2022-23





Energy policies and guidelines of Kharupetia College typically focus on promoting energy efficiency, sustainability, and reducing the environmental impact of campus operations. Here are the key elements of energy policy of Kharupetia College.

1. Energy Efficiency Standards

- **Building Design and Retrofitting:** Implement energy-efficient designs in new buildings and retrofit existing structures to meet energy efficiency standards.
- **Energy Management Systems:** Use advanced energy management systems to monitor and optimize energy usage.
- **Appliance Standards:** Ensure that all appliances and equipment meet energy efficiency standards, such as Energy Star ratings.

2. Renewable Energy Integration

- **On-site Renewable Energy:** Install solar panels or other renewable energy sources on campus.
- **Renewable Energy Procurement:** Purchase renewable energy from off-site sources to meet a portion or all of the institution's energy needs.
- **Energy Storage:** Implement energy storage systems to enhance the reliability and efficiency of renewable energy usage.

3. Sustainability Initiatives

- **Carbon Neutrality Goals:** Set goals for achieving carbon neutrality, often with a target year for full implementation.
- **Waste Management:** Implement policies to reduce waste and promote recycling and composting.


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4. Energy Conservation Programs

- **Behavioral Change Campaigns:** Encourage students, faculty, and staff to adopt energy-saving behaviors, such as turning off lights and unplugging devices.
- **Incentive Programs:** Offer incentives for departments or groups that reduce their energy consumption.
- **Seasonal Adjustments:** Implement seasonal energy conservation measures, such as reducing heating or cooling during breaks.

5. Energy Audits and Reporting

- **Regular Energy Audits:** Conduct regular energy audits to identify areas for improvement and track progress.
- **Transparency and Reporting:** Maintain transparency by regularly reporting on energy consumption, costs, and progress toward sustainability goals.

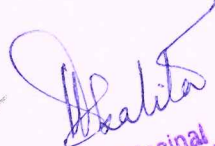
6. Education and Research

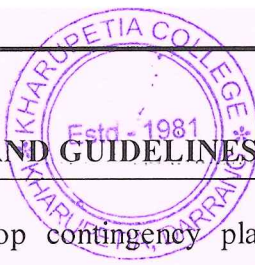
- **Awareness:** Incorporate energy and sustainability topics into the classroom teaching and
- **Research Initiatives:** Support research in energy efficiency, renewable energy technologies, and sustainable practices.
- **Community Engagement:** Engage with the local community on energy conservation and sustainability initiatives.

7. Policy Compliance and Standards

- **Regulatory Compliance:** Ensure that the institution complies with national and local energy regulations and standards.
- **Internal Guidelines:** Develop internal guidelines that align with broader environmental and energy policies, ensuring consistent application across all departments.

8. Emergency Energy Management


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- **Contingency Planning:** Develop contingency plans for energy supply disruptions, including backup power systems.
- **Resilience Building:** Focus on building resilient energy systems that can withstand and recover from emergencies.

9. Financial Planning

- **Budget Allocation:** Allocate sufficient budget for energy efficiency projects, renewable energy installations, and ongoing maintenance.
- **Funding Opportunities:** Explore funding opportunities, such as government grants, partnerships, and incentives, to support energy initiatives.

PRINCIPAL

KHARUPETIA COLLEGE
Darrang, Assam

Principal
Kharupetia College