

*Don Bosco College, Tura*

# **POLICY on Alternative Sources of Energy**

## **(Version 1.0)**



# **Don Bosco College, Tura**

## **ALTERNATIVE SOURCES OF ENERGY POLICY**

### **Introduction:**

At Don Bosco College, Tura, we are committed to reducing our carbon footprint and promoting sustainable practices. In line with this commitment, we have developed an Alternative Sources of Energy Policy to harness renewable energy, conserve resources, and create an eco-friendly campus. By implementing these measures, we aim to lead by example and inspire our students, faculty, and the community to adopt sustainable practices in their daily lives.

### **Vision:**

Don Bosco College, Tura envisions a sustainable and energy-efficient campus that serves as a model for environmental stewardship, innovation, and responsible energy consumption. We strive to create an eco-friendly environment that inspires students, staff, and the wider community to adopt alternative sources of energy and contribute to a greener future.

### **Mission:**

1. **Promote Renewable Energy:** Our mission is to actively promote and integrate alternative sources of energy, such as solar and wind power, into the college campus. We aim to reduce our reliance on conventional energy sources and transition towards cleaner and more sustainable forms of energy generation.
2. **Energy Efficiency:** We are committed to implementing energy-efficient practices and technologies throughout the college premises. By raising awareness among students, staff, and visitors, we seek to foster a culture of responsible energy consumption, emphasizing the importance of turning off lights and fans when not in use and utilizing energy-efficient appliances and lighting solutions.
3. **Environmental Conservation:** Our mission is to create a campus environment that is in harmony with nature. We strive to promote green landscaping practices, tree plantation, rainwater harvesting, waste management, and recycling initiatives. By actively engaging students and the community, we aim to protect the environment, conserve resources, and mitigate the impacts of climate change.
4. **Research and Innovation:** Don Bosco College is committed to conducting research and innovation in the field of alternative energy sources. We encourage students and faculty to explore and develop new technologies, solutions, and strategies for harnessing renewable energy, improving energy efficiency, and promoting sustainability.
5. **Collaboration and Partnerships:** We actively seek collaborations and partnerships with government agencies, renewable energy providers, and environmental organizations to leverage expertise, resources, and funding opportunities. Through these partnerships, we

aim to enhance our capabilities, share knowledge, and drive collective action towards a greener and more sustainable future.

6. **Education and Awareness:** Our mission is to educate and raise awareness among students, staff, and the wider community about the importance of alternative energy sources, energy conservation, and environmental sustainability. We believe in empowering individuals with knowledge and skills to become agents of change and advocates for a sustainable future.

By pursuing this vision and mission, Don Bosco College, Tura aims to create a transformative impact on campus sustainability, inspire the adoption of alternative energy sources, and contribute to a greener and more sustainable society.

1. **Energy-efficient lighting:** To reduce energy consumption, we have slowly replacing conventional tubelights with energy-efficient LED tubes throughout the college premises. Additionally, traditional light bulbs have been replaced with LED bulbs, which consume significantly less energy and have a longer lifespan. This initiative will contribute to substantial energy savings over time.
2. **Green landscaping:** In an effort to create a greener environment, we are replacing concrete areas with green spaces. Planting grasses and vegetation around the campus not only enhances the aesthetics but also helps in reducing heat island effect and improving air quality. This green landscaping initiative will also provide a natural habitat for local flora and fauna.
3. **Solar panel installation:** We recognize the importance of renewable energy sources, and thus, we are actively collaborating with the Government of Meghalaya to set up solar panels on our College campus. Solar energy is a clean and abundant source of power that can significantly reduce our dependence on conventional electricity. By harnessing solar energy, we aim to power a significant portion of our energy needs sustainably.
4. **Energy conservation awareness:** To promote energy conservation among our students, faculty, and staff, we are actively creating awareness campaigns. We encourage everyone to switch off fans and lights when not in use. By instilling these habits, we can collectively reduce energy waste and contribute to a more sustainable campus.
5. **Rainwater harvesting:** Water conservation is a crucial aspect of sustainability. Therefore, we are implementing rainwater harvesting systems across our campus. These systems will capture and store rainwater, which can be used for irrigation, flushing toilets, and other non-potable purposes. By reducing our reliance on freshwater sources, we can conserve this precious resource.
6. **Promoting sustainable transportation:** To reduce carbon emissions and promote physical fitness, we encourage students to use sustainable modes of transportation. We urge them to walk or cycle to college instead of using two-wheelers or four-wheelers whenever feasible. By adopting this practice, we can contribute to a cleaner and healthier environment.
7. **Tree plantation:** Recognizing the importance of trees in mitigating climate change and improving air quality, we are actively planting trees around the College premises. Trees

provide shade, absorb carbon dioxide, and release oxygen, creating a more sustainable ecosystem. This initiative will enhance biodiversity, create a pleasant environment, and inspire others to engage in tree plantation activities.

8. **Student involvement:** To actively involve our students in sustainability initiatives, we will assign NSS Volunteers and NCC Cadets to participate in tree plantation drives and create awareness about the importance of trees. Through their active engagement, we aim to foster a sense of responsibility and environmental stewardship among the student community.
9. **Waste Management and Recycling:** The College emphasizes proper waste management practices and encourages recycling. Implementing effective waste segregation and recycling programs will reduce waste sent to landfills, conserve resources, and promote a circular economy.

**Conclusion:** Don Bosco College, Tura is dedicated to adopting alternative sources of energy and promoting sustainable practices. By implementing these measures, we aim to reduce our environmental impact, conserve resources, and create a greener campus. We believe that these efforts will inspire our students and the wider community to embrace sustainable practices and contribute to a healthier and more sustainable future.



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