



Green Energy Policy

Preamble:

In order to achieve the Sustainable Development Goals (SDGs) for any organization, environmental and energy-harvesting practices are of the utmost importance today. Rapidly rising energy consumption is another element of prominence. Nature Science Foundation Energy Policy adheres to promote renewable energy resources, thereby avoiding the depletion of fossil fuels and making the planet Earth more sustainable. The energy policy defines the process of awareness, and conservation of energy by establishing the best practices, such that energy usage is effectively managed in the organization. The energy policy defines a pool of procedure and methods to be followed such that energy conservation is achieved in the organization. It helps the administrators and make the organization sustainable by reducing the cost on consumption of energy. It also defines the roles and responsibilities of stakeholders involved at all the levels of the organization, as because energy conservation is the responsibility of the whole members of the organization and not lies on an individual.

1. Scope:

In order to provide an eco-friendly and sustainable environment, energy policy applies to all the stakeholders of the organization.

2. Policy Statement

The stakeholders at the Nature Science Foundation are responsible for educating themselves about the organization's energy saving efforts, which are monitored and managed by the institute's energy policy. The following objectives to be met in order to implement the energy conservation in the organization:




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- 2.1 Efficient use of energy to save both time and money.
- 2.2 Use energy-efficient equipment to reduce the amount of energy used.
- 2.3 Employ daylight and natural ventilation to the fullest extent possible.
- 2.4 Encourage use of renewable energy sources.
- 2.5 Purchase and use only high star rated appliances to reduce power consumption.
- 2.6 Switch off the equipment when not in use.
- 2.7 Positively motivate the stakeholders regarding the conservation of energy.
- 2.8 Shift the usage of non-priority loads during non-peak hours.
- 2.9 Ensure proper backup of the supply.
- 2.10 Energy efficiency initiatives in the supply and demand systems are part of the campus's overall energy management.
- 2.11 Sensor-based energy saving is being implemented.
- 2.12 The gradual replacement of existing incandescent bulbs with LED models.

The organization's policy will be reviewed and updated on a regular basis, and its implementation is guaranteed.

3. Effective Measures:

- 3.1 Identify the potential energy conservation measures that can be installed in the organizations.
- 3.2 Evaluate the energy-efficiency of the appliances.
- 3.3 Analyze the electricity consumption through utility bills, and set a benchmark to conserve the energy periodically.
- 3.4 Identify one of the members as an energy manager and train him on the aspects of conserving energy.
- 3.5 All the stakeholders should follow energy policy and focus on energy conservation. .

4. Problem – Solving:

- 4.1 Stakeholders are being educated about the organization's commitment to a sustainable energy campus.
- 4.2 Organizing seminars and workshops to educate people about the need of energy conservation and management.





5. Responsibility:

The Head of the Organization, Department / Division Heads, Deans / Directors, Finance Officers, Senior Managers including Management Representatives are responsible for monitoring the energy conservation measures adopted in the College / University / Industries and maintain the campus, as sustainable in energy. The stakeholders are responsible for the implementation Energy policy in the Organization.

6. Implementation

An eco-friendly environment is created for the organization's stakeholders by implementing the Energy Policy in conjunction with the Nature Science Foundation in Coimbatore, Tamil Nadu, India.



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