

# **Energy Policy**

of

Lakireddy Bali Reddy College of Engineering

(Autonomous)

Mylavaram – 521 230



**Preamble:**

Environment-friendliness and energy harvesting are of prime interest today which are the key factors in achieving Sustainable Development Goals (SDGs) for any organization. Keeping these factors in specifying energy policy of Lakireddy Bali Reddy College of Engineering (Autonomous), we presume that it is in accordance with the prescriptions of National Institution for Transforming India (NITI) Aayog with reference to support for renewable energy resources.

Another factor of significance is rapidly and dynamically increasing energy demand. Since conventional sources cannot meet this requirement easily, LBRCE has incorporated establishment of alternate energy sources in the form of Solar PV generation.

LBRCE energy policy also has taken an efficient energy management and conservation through good established procedures specified in its policy.

**Statement**

The Energy policy of LBRCE monitor, conserve and manage the energy needs of the campus with the growth in the energy demands of the institute; It is the responsibility of the institute in Creating awareness among the students and staff about the energy conservation measures. Maintain the efficiently utilize the Electrical Energy with maximum utilization of Renewable PV Power Generating system and Optimal consumption of lighting load with the proper energy conservation measures in the campus. Also maintain green energy campus with utilization of energy management system.

The following objectives will lead to the implementation of LBRCE Energy policy

**Objectives:**

- Improvement in Energy efficiency to reduce Energy consumption and cost.
- Minimize the energy consumption by use of energy efficient equipment. and maximize use of day light and natural ventilation.

**Action Plan:**

- Conduct of External Energy Audit once in a year and internal energy audit once in six months.
- Maintain the Energy needs of the campus with back-up power supply system for supplying uninterrupted energy demands.
- Establishment of energy efficient utilization measures in the supply, demand systems as part of energy management of the campus.
- Implementation of Sensor-based energy conservation.
- Replacement of the existing conventional lighting with the LED lamps in phased manner.
- Expansion of Solar PV System in Phased manner.
- Create awareness among the students and staff in Energy conservation and management by conducting training programs.
- Encourage faculty members to obtain Energy Audit certification.
- Provide experts to industry and other organizations in the area of energy management by offering Energy Audit Services.

The Institute shall continuously review and update the approved policy and is committed to its implementation.