



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR  
ANANTHAPURAMU- 515 002 (A.P) INDIA**

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**JNTUA ENERGY CONSERVATION POLICY**

**POLICY STATEMENT**

JNTUA being a premier Institution of technology, strives to shoulder the responsibility of conserving the energy by adopting initiatives to harness the alternative sources of energy there by contributing to the overall environmental improvement and sustainability.

**STRATEGIES:**

1. To explore the possibility of generating solar energy.
2. To adopt appliances that consume less conventional electrical energy in the campus, in the offices of the University as well as in the student hostels.
3. To conduct Energy audits from time to time to know the efficiency of the measures adopted.

**IMPLEMENTATION:**

1. Solar energy is harnessed by installing solar panels on various buildings of the University, constituent Units and the University is generating a solar power capacity of 1472KWP( JNTUA-472 KWP, JNTUACE-Pulivendula: 500 KWP & JNTUACE-Kalikiri: 500 KWP). Which can be taken as saving of conventional electrical energy an average of 45 % of total demand and connection to grid 419726302.6 KWh (2020-21) and 794205KWh (2021-22). The University is paying an average amount of Rs. 3.72 per unit to the agency which is almost 46% less price than APSDCL tariff if Rs. 7.95 per unit. Hence environmentally utilization of conventional energy resources at lower side and also economically came down of 46% lower tariff when compare to without solar energy utilization.

2. In order to fulfill the objective of minimizing the use of conventional electrical energy, LED lights are installed for street lighting in the campus of JNTUA and its constituent units. Similarly LED lights are being used in the various administrative units of the University, class rooms, departments and hostels.
3. Energy Audits have been conducted by third party agencies and have certified that the University is adopting energy conservation measures satisfactorily. The University has also obtained ISO 50001:2011 Certification for implementation of Energy saving practices from 28.02.2022 to 28.02.2023. Further, the University got ISO 50001:2018 certification recently valid for the period 10.08.2023 to 09.08.2024.

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**