



# Evidence(s)

## THE-Impact Ranking



University : Sri Sri University  
Country : India  
Web Address : [www.srisriuniversity.edu.in](http://www.srisriuniversity.edu.in)

### SDG13: CLIMATE ACTION

#### 13.2 Low-Carbon Energy Use: 13.2.2 Total carbon energy use Total energy used Consumption of energy

Electricity consumption and energy efficiency initiatives for the period of June 2023 to July 2024 by University

1. **Electricity Consumption:**
  - Total units consumed: **2,797,200 units**
2. **Solar Power Generation:**
  - Highest recorded generation per day: **2,998 units**
  - Total solar power generated:
    - **Shruti Building:** 1,700 units
    - **Kirti Building:** 1,200 units
3. **Installations During 2023-2024:**
  - **Air Conditioners:** 590 units
  - **LED Bulbs:**
    - 10W Bulbs: 370 units
    - 10W Tubes: 2,147 units
    - 20W Tubes: 3,657 units
  - **BLDC Fans:** 472 units

#### Description

100% lightings have been replaced with LED.

10W Bulbs: 370 units

10W Tubes: 2,147 units

20W Tubes: 3,657 units

86 (no.) MH lights are replaced with Led street light

78 (no.) MH high mast lights are replaced with Led high mast

161 Solar LED Light

472 (no.) BLDC fans have been added

AC added - 590 nos.



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**Total energy used:** units consumed: **2,797,200 units**

**Total energy used from low carbon sources: approx. 35976 units per year**

**Total energy conserved due to replacement = 62720 Unit per year**

The annual energy consumption in the university campus is not increasing with such a pace as infrastructure facilities. University uses various measures to conserve the energy. For instance, use of energy efficient appliances, replacement of old appliance, and mandatory power cut in the academic and administrative buildings for one and half hours in recess time. On the other hand conventional energy sources are being replaced with low carbon sources.

To reduce total energy use, high energy consuming appliances like induction cooktop, iron, speakers, etc. are banned in hostel premises and common facilities are provided which decreases the energy consumption per year. Important international events like “Earth hour” are also observed every year which aware students about the low consumption of energy in campus. The university has replaced all lights of hostels and offices, and streets with the low carbon source