



University : Sri Sri University
Country : India
Web Address : www.srisriuniversity.edu.in

SDG13: CLIMATE ACTION

13.2 Low-carbon energy use

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Total energy used from low-carbon sources



Plate 1. Air sourced water heater and solar plant installation on the roofs of academic buildings



Plate 2. Solar street light



Plate 3. GAIL petroleum natural gas



Description

100% lightings have been replaced with LED (6,000+ LED Lights Installed in the campus)

86 (no.) MH lights are replaced with solar based LED street light (**Plate 2**)

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

75 (no.) BLDC fans have been added

75 Solar Street Lights

IoT-enabled Efficient Appliances

AC added - 41 nos.

Sri Sri University achieved a daily solar generation peak of 2,998 kWh. Annually, this amounts to approximately 35,976 kWh. Notably, the Shruti and Kirti buildings are major contributors, generating about 1,700 kWh and 1,200 kWh per day, respectively. This substantial annual solar capacity reinforces the university's commitment to sustainable energy practices and campus-wide energy efficiency (**Plate 1**).

LPG has been replaced with petroleum natural gas, a more environmentally friendly energy source that aligns with sustainability objectives (**Plate 3**).

Conservation Awareness SSU actively raises awareness among staff and students to prevent energy wastage through the Energy Swaraj training program. This initiative empowers individuals to make energy-efficient choices.

Conclusion

Despite the growth of campus infrastructure, Sri Sri University has effectively controlled its annual energy consumption through strong conservation measures. The university regularly replaces old appliances with energy-efficient models and enforces a mandatory 1.5-hour power cut in academic and administrative buildings during recess. High-energy appliances such as induction cooktops, irons, and speakers are banned in hostels, with shared facilities provided to reduce overall load. SSU also observes global initiatives like Earth Hour to promote awareness of responsible energy use. In line with its low-carbon transition, all hostel, office, and street lights have been replaced with energy-efficient alternatives, while conventional energy sources are steadily being substituted with cleaner, low-carbon options.