Evidence(s)

THE-Impact Ranking

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

7.2.4 Plan to Reduce Energy Consumption:

Plate 7.2.4.a Solar based street light **(75 nos)**

Plate 7.2.4.b 8kW Solar panel

Plate 7.2.4.c. Electric control room

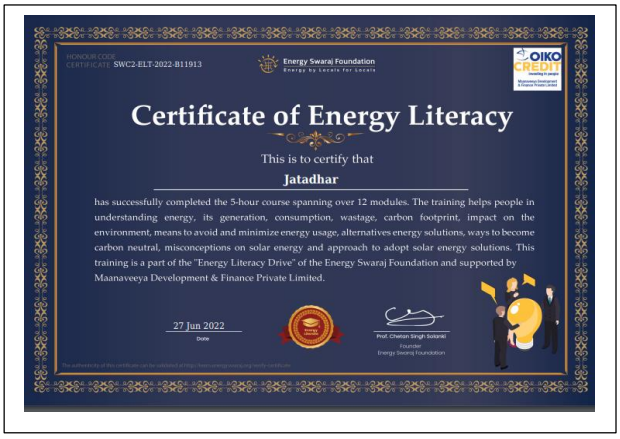

Plate 7.2.4.d. Energy literacy certificate by Energy Swaraj

Evidence(s)

THE-Impact Ranking

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Plate 7.2.4.e. Centralized IOT based Washing Machine

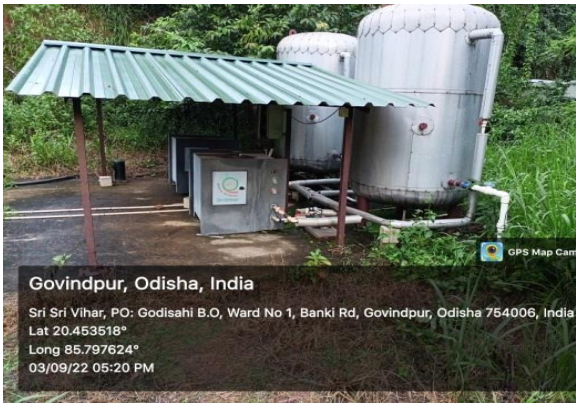

Plate 7.2.4.f. Air soured water heater

Plate 7.2.4.g. Common dishwasher in hostel area

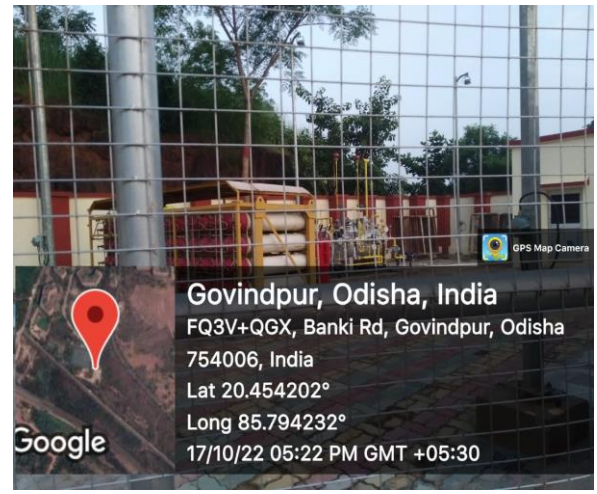

Plate 7.2.4.h. GAIL petroleum natural gas

Description:

1. Each year, SSU selects old, energy and power-consuming, and low-efficiency equipment for replacement, based on the regional needs of the buildings. This saves 10% of electricity annually. We have consistently implemented our annual energy-saving policy since 2020, and have cumulatively saved more than 15% of annual electricity consumption as of 2022. Our annual plans for 2020–2022 are as follows:

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1. All the street lights were replaced by solar based LED panels (75 solar based lights already installed). **(Plate 7.2.4.a)**
2. A 8 kW solar plant was installed in the university campus, which generates approximately 35 units of electricity /day (13000 kW/per year) (**Plate 7.2.4.b**). Also, The campus is provided with 75 solar street lights, which can generate approximately 35 units of electricity/day (13000 units per year) (**Plate 7.2.4.a**).
3. Smart electric control room. (Plate 7.2.4.c)
4. Awareness among the staff and students to stop wasting energy by the Energy Swaraj training program. **(Plate 7.2.4.d)**
5. IOT based washing machine used in all hostels. (**Plate 7.2.4.e.)**
6. Air Sourced Water Heater is used in the hostels. It conserves a valuable amount of energy (approx. 25 units per day in winter season = 3000 units annual **(Plate 7.2.4.f)**
7. Use of automatic dishwashers use less water, for reducing the water pump dependencies. **(Plate 7.2.4.g)**
8. The LPG has been replaced with petroleum natural gas **(Plate 2.10h)**

Few more steps taken by Sri Sri University to reduce energy consumptions are

a. **Restricted use of high energy consuming appliances in student hostels and among the staff rooms.**
b. **Zero Hour observed during 12.30 PM to 2 PM, which saves 2206.845 kWh every day from Shruti & Kirti academic building.**
c. **SSU has signed a MOU with TATA Power to produce 500 kW power from rooftop solar panels (2022-24) and at the end of 2030 SSU has aimed to set-up 2 megawatt rooftop solar panels.**

Evidence(s)

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