



# Evidence(s)

## THE-Impact Ranking



**HEI: TRIDENT ACADEMY OF TECHNOLOGY**

**COUNTRY: INDIA**

**WEBSITE: <https://tat.ac.in/activities/>**

**SDG 7: AFFORDABLE AND CLEAN ENERGY**

### 7.3.1 Energy Usage per sqm (A)

Parameter	Value	Unit
<b>Total electricity consumption (July 24 - June 25)</b>	12,34,870	kWh
<b>Energy Equivalent</b>	4445.532	GJ
<b>Building Area (Trident College)</b>	20,234.30	m <sup>2</sup> (Square meters)
<b>Electricity Consumption per Square Meter</b>	0.21	GJ/m <sup>2</sup>
<b>Definition</b>	Floor area of Trident College's buildings	m <sup>2</sup> (Square meters)

- Total electricity consumption from July 24- June 25 is 12,34,870kWh = 4445.532GJ
- Building area of Trident college buildings (square meters): 20234.3
- Electricity consumption per square meter in 2024 = 4445.532/20234.3 =0.261 GJ/m2
- Definition: Floor area of Trident college's buildings (Sq. mts)

### Description

The total electricity consumption for the period from July 2024 to June 2025 is 12,34,870kWh, which is equivalent to 4445.532GJ. The floor area of the Trident Academy of Technology buildings is 20,234.3 square meters. Therefore, the electricity consumption per square meter for the year 2024 is calculated by dividing the total energy usage (4445.532GJ) by the building area (20,234.3 m<sup>2</sup>), resulting in an energy usage of 0.261 GJ per square meter. The floor area refers to the total area of the buildings at Trident College, measured in square meters.