



## UI GreenMetric

University : Karunya Institute of Technology and Sciences  
Country : India  
Web Address : www.karunya.edu

### [2] Energy and Climate Change (EC)

#### [2.8] ratio of renewable energy production divided by total energy usage per year



Example of Roof and water heater Solar Panels

#### Description:

- 1) 115kW Solar Power Plant = 1,89,402 kWh [March'2022 to April'2023]
- 2) 85,600 LPD Solar water heating system = 15,81,833 kWh

No	Renewable Energy	Production (in kWh)
1	115 kW Solar Power plant	1,89,402
2	85,600 LPD Solar water heating system	15,81,833
	<b>Total</b>	<b>17,71,235</b>

Ratio = 17,71,235 kWh/ 73,00,623 kWh = 0.24%

For additional information, please click the following link:

[www.karunya.edu/iqac/Rankings/UIGreenMetric/Energy & Climate Change/2.8 Additional.pdf](http://www.karunya.edu/iqac/Rankings/UIGreenMetric/Energy & Climate Change/2.8 Additional.pdf)