Template for Evidence(s)
UI GreenMetric Questionnaire

University : Kanchanaburi Rajabhat University
Country : Kanchanaburi
Web Address : https://green.kru.ac.th/ , https://www.kru.ac.th/

[2] Energy and Climate Change (EC)

[2.1] Energy Efficient Appliances Usage (EC.1)



Example of Energy Efficient Appliances Usage: Use of LED lighting and lamps with light detection (Kanchanaburi Rajabhat University)



Example of Energy Efficient Appliances Usage: (Kanchanaburi Rajabhat University)

Description:

The use of energy-saving equipment to replace traditional systems has been implemented by switching to LED lighting and high-efficiency inverter air conditioners for energy conservation. For nighttime street lighting, solar-powered LED lights are used with automatic on/off control through photo switches. In addition, the library is equipped with automatic switching devices for energy management.

Example:

The total number of LED light bulbs installed is 8,034, as follows:

The Faculty of Management Science building has a total of 1,369 LED light bulbs.

Office of Academic Services and Graduate Studies building has a total of LED light bulbs 923 bulbs.

Office of Academic Resources and Information Technology (Library) building has a total of LED light bulbs 442 bulbs.

Building 9 has a total of LED light bulbs 840 bulbs.

Faculty of Education (new building) has a total of LED light bulbs 326 bulbs.

Faculty of Education has a total of LED light bulbs 186 bulbs.

Office of Supply Department building has a total LED light bulbs 65 bulbs.

Building 7 has a total LED light bulbs 224 bulbs.

Faculty of Humanities and Social Sciences has a total LED light bulbs 1599 bulbs.

Faculty of Industrial Technology building (old building) has a total LED light bulbs 302 bulbs.

Faculty of Industrial Technology building (Yello-Grey building) has a total LED light bulbs 125 bulbs.

Faculty of Industrial Technology Practical Training Building has a total LED light bulbs 407 bulbs.

The total number of energy-efficient LED spotlights installed is 94 bulbs, as follows:

Faculty of Management Science building has a total of 13 LED spotlights.

Office of Academic Services and Graduate Studies building has a total of 5 LED spotlights.

Office of Academic Resources and Information Technology (Library) building has a total of 25 LED spotlights.

Faculty of Education (new building) has a total of 6 LED spotlights.

Faculty of Education (old building) has a total of 1 LED spotlights.

Office of Supply Department building has a total of 1 LED spotlights.

Building 7 has total of 6 LED spotlights.

Fluorescent-Type Spotlights

The Faculty of Management Science building has a total of 4 fluorescent spotlights.

The Faculty of Industrial Technology building has a total of 1 spotlight.

A total of 139 outdoor lighting units are installed around the university, as follows:

Solar-powered lights has a total of 116 units.

Fluorescent spotlights has a total of 23 units.

Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):