



UI GreenMetric Questionnaire

University : Kamphaeng Phet Rajabhat University
 Country : Thailand
 Web Address : www.kpru.ac.th

[2] Energy and Climate Change (EC) [2.1] Energy Efficient Appliances Usage



Energy efficient appliances

Description:

Kamphaeng Phet Rajabhat University recognizes the importance of energy conservation, which promotes efficient energy use, leading to sustainable energy savings and alignment with government policies. This is achieved by encouraging the use of energy-efficient, high-performance electrical appliances to address global warming and reduce the nation's electricity consumption. Energy conservation efforts are made when unnecessary energy loss is identified. For example, by replacing fluorescent bulbs with energy-saving LED lights, installing motion sensor switches in office rooms to reduce lighting energy usage, upgrading to high-efficiency inverter air conditioning systems for long-term energy savings, and implementing solar panel electricity generation systems to cut electricity costs. The university also uses electric vehicles for internal transportation, further reducing energy consumption.

Appliance	Total Number	Total number energy Efficient appliances	Percentage (%)
Air conditioning unit	2,501		
- Inverter type		625	24.99%
- Energy-saving label with a rating of No. 5		1,876	75.01%
LED light bulbs	34,512	26,698	77.35%
Electric fan with an energy-saving label with a rating of No. 5"	562	534	95.01%
Computer monitor Energy Star	384	194	50.52%
EV (Electric Vehicle)	18		
- Electric motorcycle (EV Bike)		9	50.00%
- Electric mini car with a 2-seater capacity (EV Car)		6	33.33%
- Electric car with a 4-seater capacity (MG EV Car)		1	5.55%
- (EV Golf Car)		2	11.11%
		Average Percentage (%)	46.99%