

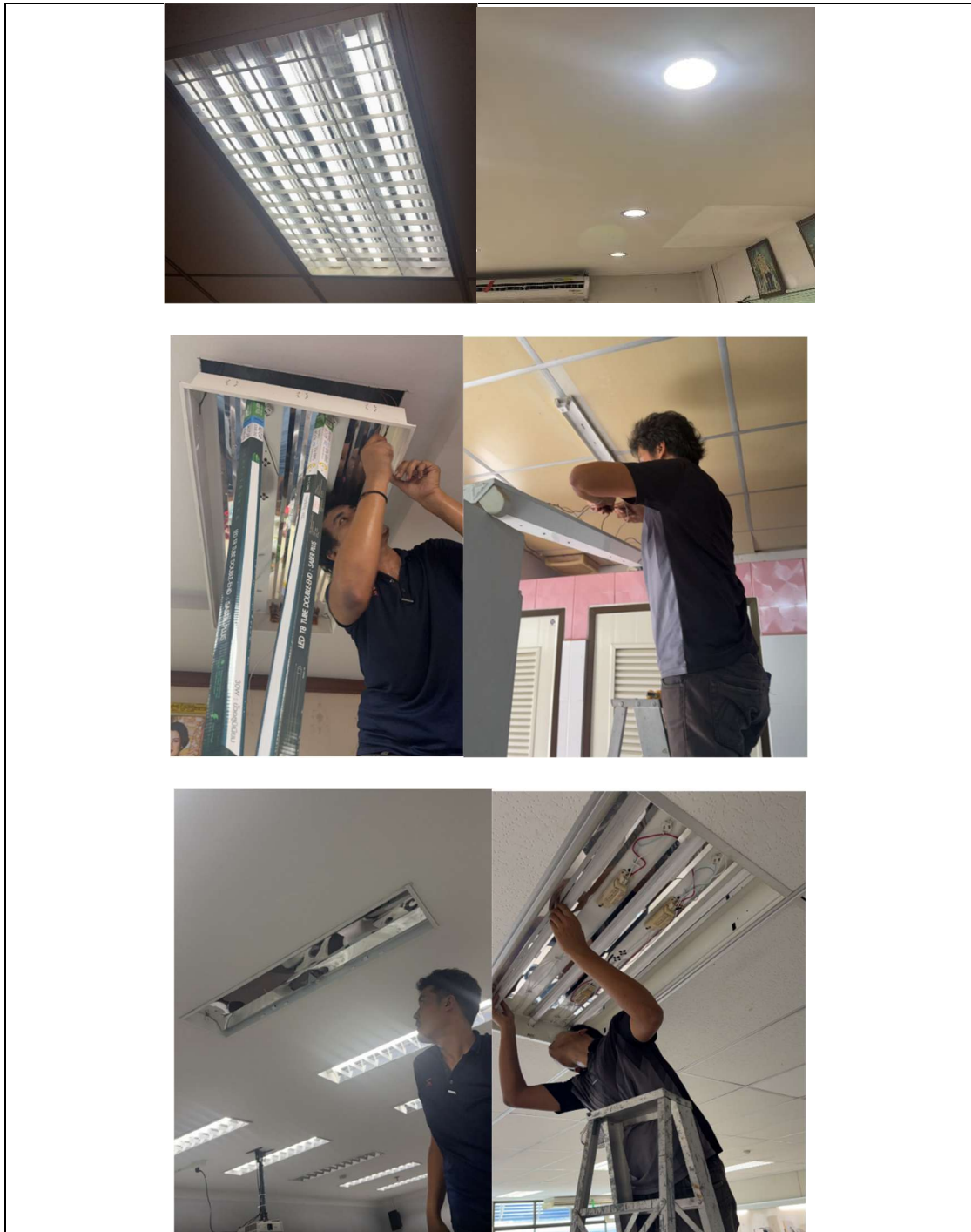


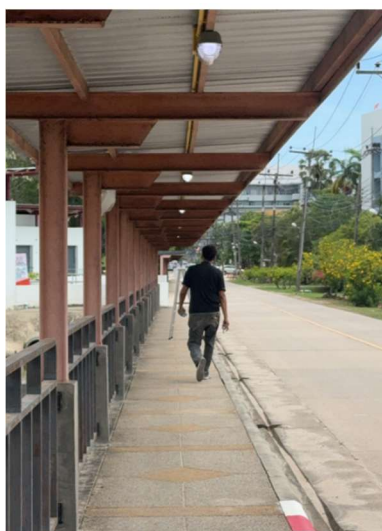
UI GreenMetric Questionnaire

University : SONGKHLA RAJABHAT UNIVERSITY
Country : Thailand
Web Address : www.skru.ac.th

[2] Energy and Climate Change (EC)

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







Switching to energy-efficient light bulbs.



Energy-efficient 4-way air conditioner distributes cool air.





Energy-efficient Inverter air conditioner

Description:

Songkhla Rajabhat University recognizes the paramount importance of energy conservation and is steadfastly committed to promoting energy efficiency, driving the institution toward a sustainable low-carbon future. This initiative aligns with the government's overarching policy to mitigate global warming and reduce national electricity demand.

To achieve this, the university has instituted proactive engineering measures to identify and eliminate energy waste through concrete, high-impact solutions. These include retrofitting existing light fixtures with high-efficiency LED technology, deploying motion sensors for intelligent lighting control in administrative areas, and upgrading to advanced inverter-driven HVAC systems for long-term energy savings. Furthermore, the integration of a Solar Photovoltaic (PV) Rooftop system substantially reduces utility costs, complemented by the transition to Electric Vehicles (EVs) for internal transit to comprehensively optimize our energy footprint.

Item	Description	Energy-efficient		Conventional type	Total	% of Energy-efficient device
1	Air conditioner	Inverter	5 Star			
		200	1,000	300	1,500	80%
2	light bulb	LED		Fluorescent		
		29,618		100	29,718	99.66%
	Average					89.80%