



Energy Efficient Appliance Usage

Average Efficiency Rate

82.12%

APPLIANCE	TOTAL NUMBER	TOTAL NUMBER ENERGY EFFICIENT APPLIANCES	%
LED Lights	2,288	2,288	100
Inverter Air Conditioning Systems	309	309	100
Sensor Faucets	55	40	72.72
Sensor Urinals	43	24	55.81
RFID Lock	183	173	94.5
Magnetic Stripe Orbita	173	173	100
LED Lamp Post	19	19	100
Wireless Microphone	2	2	100
Smoke Detectors	93	75	80
Emergency Lights	50	50	100
		Average Percentage	86.12

WCC ATC Binalonan's adoption of energy-efficient appliances—such as LED lights, inverter air conditioners, and sensor-operated fixtures—demonstrates its proactive approach to reducing energy consumption and promoting sustainable campus operations. With an overall efficiency rate of 86.12%, these initiatives reflect the institution's commitment to environmental stewardship and resource conservation. This effort supports SDG 7 (Affordable and Clean Energy) and SDG 12 (Responsible Consumption and Production) by fostering a culture of efficiency and sustainability within the campus community.