



University : Phranakorn Si Ayutthaya Rajabhat University (ARU)
 Country : Thailand
 Web Address : www.aru.ac.th

[2] Energy and Climate Change (EC)

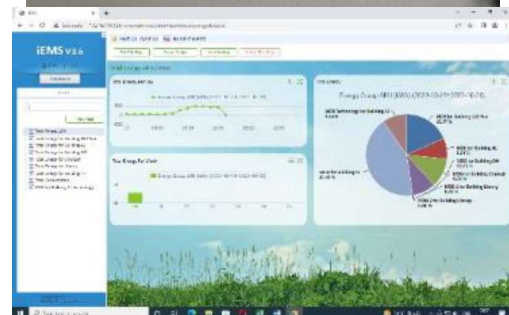
[2.1] Energy Efficient Appliance Usage



A temperature, light, and humidity control system is in place, divided into zones.
 (ARU, Thailand)



Automate Door for Air-Conditioned Building
 (ARU, Thailand)



Realtime Energy Consumption
 (ARU, Thailand)



Air-Conditioned Building
 (ARU, Thailand)

Description:

ARU intends to realize further energy savings by paying close attention to energy management and using high-efficiency appliance, such as LED lighting and an inverter cooling system. The real-time energy consumption monitoring system would monitor the peak of energy usage which is able to be used for the energy reduction program. Each building can assess its own energy consumption and realize its own energy usage.



Number Energy Efficient Appliances

Appliance	Total Number	Total Number Energy Efficient Appliances
LED Lamp	46,000	30,000
Inverter Cooling system	400	182
total	46,400	30,182
	Percentage	65.04