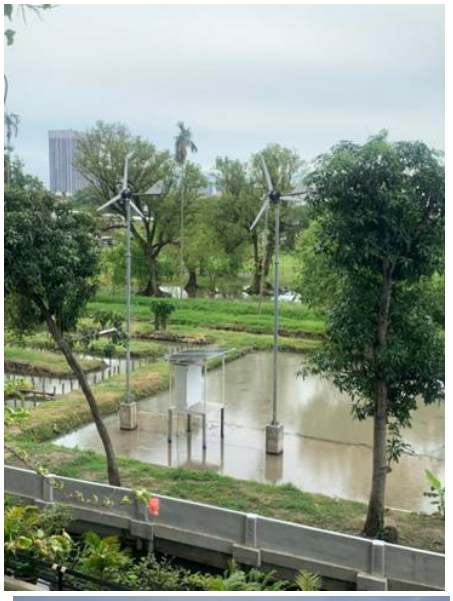
University Rating System (HURS)

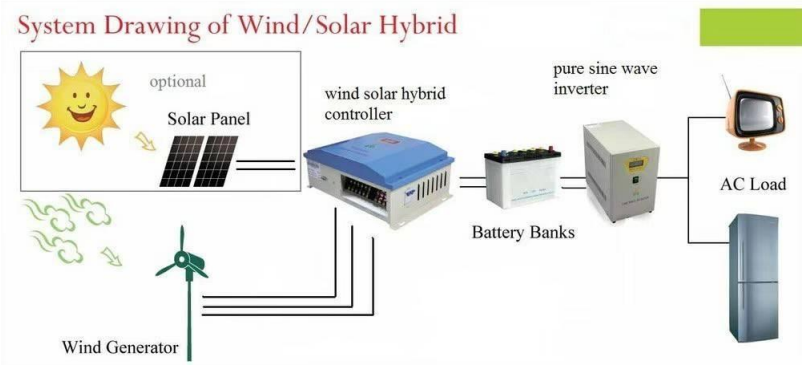
University : Siam University
Country : Thailand
Web Address : http://sustainability.siam.edu

SI 2.4 Advanced Energy Management Systems

[2.4.6] Ratio of renewable energy production divided by total energy usage per year

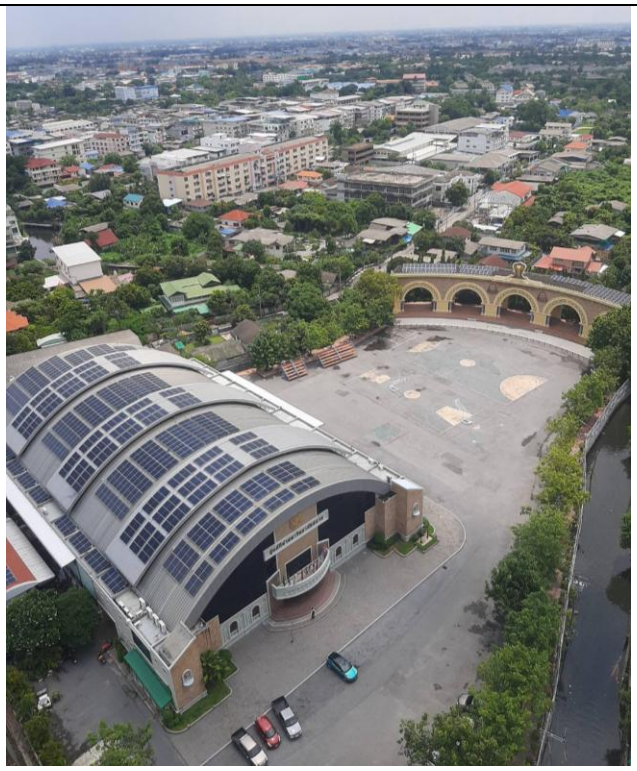






Wind turbine









Solar Roofs (Siam University)

Renewable energy production (Siam University, Thailand)

Description:

No	Renewable Energy	Production (in kW-h)
1	Solar roofs	985,698.00
2	Wind turbine	4622.40
Total		**990,320.40**

990,320.40/3,286,000 (Electricity usage) = 30.14 %

Description

Siam University has started installing renewable energy source such as solar lights in some buildings and pedestrian paths in our campus for years. In 2023, the renewable energy from solar roofs can produce total electric capacity at approximately 985,698kW-h. In addition, we also have installed wind turbine as another renewable energy source, which can produce electricity around 4,622.4 kW-h. Total renewable energy production is 990,320.40kW-h that saving capacity for 30.14 %.