

Template for Evidence(s)

UI GreenMetric Questionnaire

University : King Mongkut's Institute of Technology Ladkrabang

Country : Thailand

Web Address : <http://www.sustainable.kmitl.ac.th/>

2. Energy and Climate Change (EC)

2.5. Renewable energy sources and their amount of the energy produced (in kilowatt-hour)





Wind turbine generator



Wind energy



Biogas

Description

King Mongkut's Institute of Technology Ladkrabang (KMITL) employs solar photovoltaic (PV) energy as its primary on-campus alternative energy source and is scaling up through a formal Smart Energy Management initiative. The university currently operates 1,124 installed solar panels on rooftops and selected equipment systems. These distributed **PV assets collectively generate approximately 13 MWh/year** that is used to offset grid electricity for campus infrastructure such as water treatment machines and walkway lighting.

For small wind turbine ~ 1.08 kWh/year

For Biogas from food waste ~ 70kWh/ year

Additional evidence link:

<https://sdg.kmitl.ac.th/1610/>