

The Evidence(s) UI GreenMetric Questionnaire

University : Universitas Sebelas Maret
 Country : Indonesia
 Web Address : <https://uns.ac.id/> web greencampus UNS <http://greencampus.uns.ac.id/>

[2] Energy and Climate Change (EC)

[2.4] Electricity usage per year (in kilo watt hour)

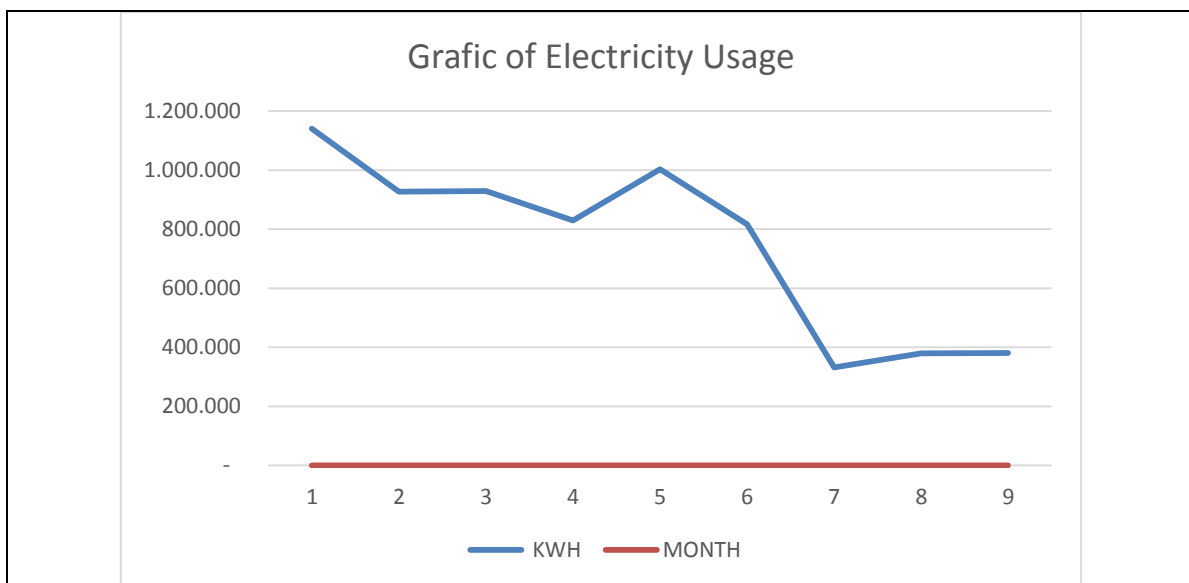


Figure 1. Electricity Consumption (KWH) in January – September 2018

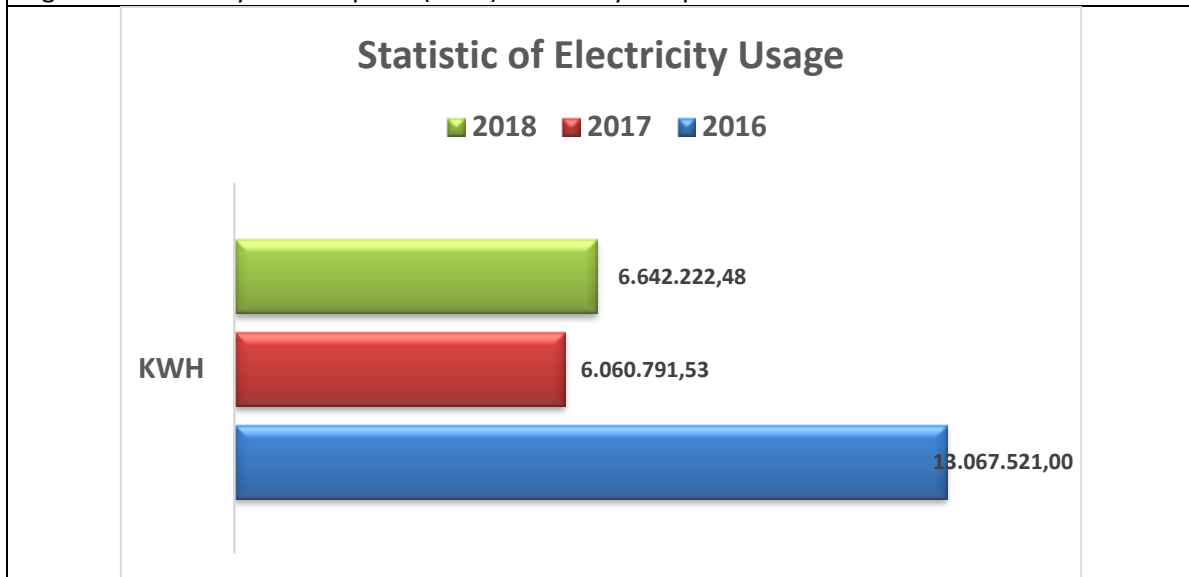


Figure 2. Electricity consumption (kWh) of Universitas Sebelas Maret campus in 2016-2018, Indonesia

Description:

In 2018, Electricity consumption is found to be highest in January, when campus activity is in a peak season from preparation to operation of lecture activities . Whereas the lowest consumption is in July, when campus is in holiday season. Total electricity consumption in 2017 found to be lowest, which was only 6.046,624 KWH. Compare to the year of 2016, the electricity usage in 2018 is lower. This is partly because in 2018, some efforts related to the use energy efficiency appliance usage has been applied, such as LED light, low energy Air Conditioning System, solar cell, etc. Apart of that, some buildings have been designed for energy efficient building with natural ventilation and natural light in the afternoon. Hiowever the electricity usage in 2018 is found to be higher than in 2017. This is partly because of establishment of new study programs, which contribute to enhance some activities and electricity consumption.