

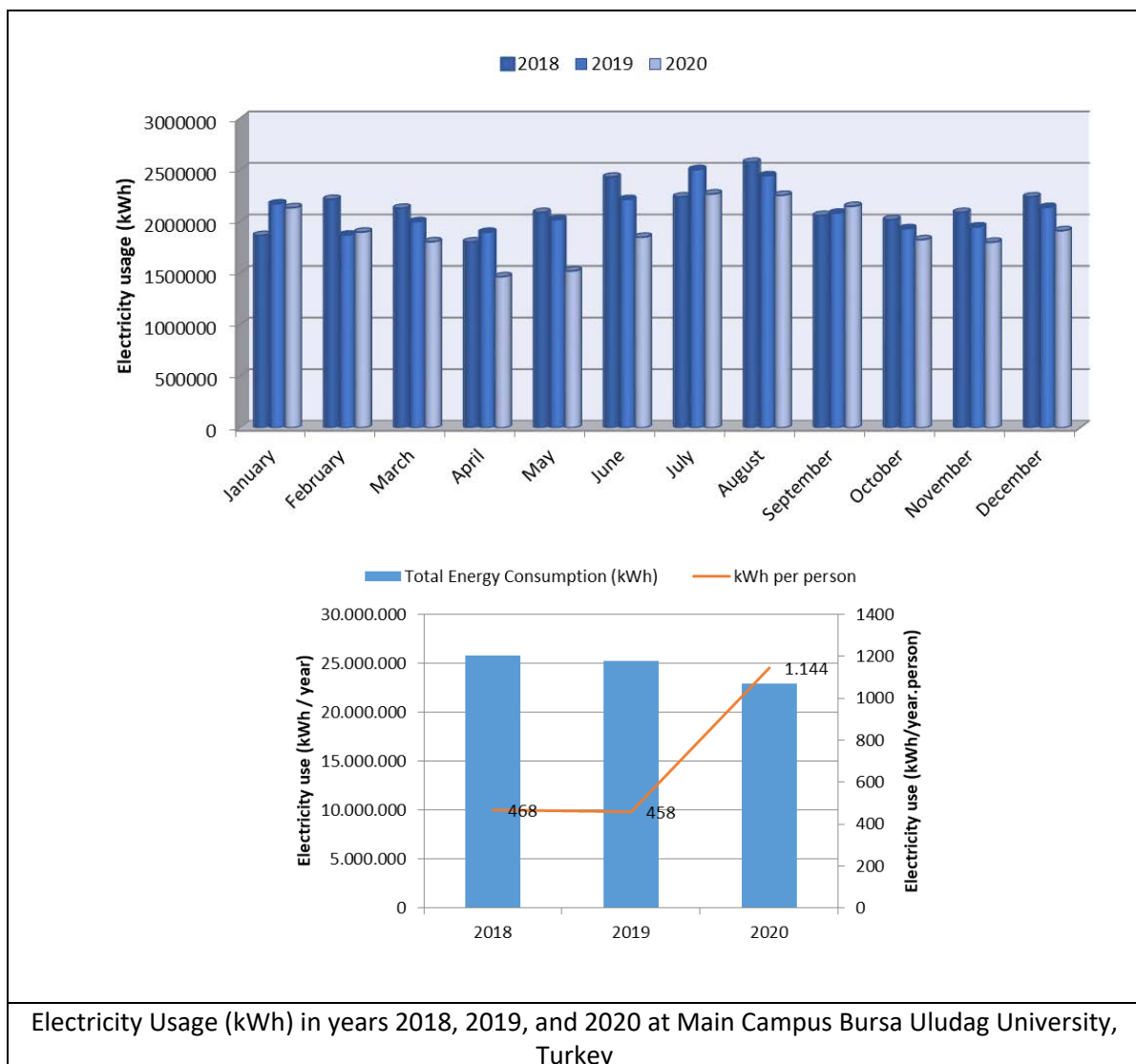


Template for Evidence(s) UI GreenMetric Questionnaire

University : Bursa Uludag University
Country :Turkey
Web Address : <http://www.uludag.edu.tr/english/default>
Web Address for Sustainability Office: <https://uludag.edu.tr/sustainability>

[2] Energy and Climate Change (EC)

[2.6] Electricity Usage per Year (in Kilowatt hour)



Electricity Usage (kWh) in years 2018, 2019, and 2020 at Main Campus Bursa Uludag University, Turkey

Description:

The total electricity usages at Bursa Uludag University Campus in 2018, 2019, 2020 were 25 749 389 kWh, 25 211 475 kWh, and 22 871 532 kWh, respectively. On the main campus area of Bursa Uludag University, electricity is used for lighting, cooling, and laboratory appliances.



The campus population is 55 065, including students and staff. The pandemic circumstances were valid after March of 2020 in Turkey. It is estimated that the campus population was around 20000 during the COVID 19 pandemic. However, electricity usage at the campus was not much affected by these circumstances, as will be seen from the figure. Electricity usage per person was calculated considering the estimated campus population during the pandemic as follows:

The total electricity usage divided by total campus population (kWh per person) is calculated as follows:

$$22\,871\,532 \text{ kWh} / 20000 = 1144 \text{ kWh/person}$$

However, this value was 458 kWh/person in the previous year, which reflects the average electricity usage per person at the campus under normal circumstances (without the COVID-19 pandemic, for example).