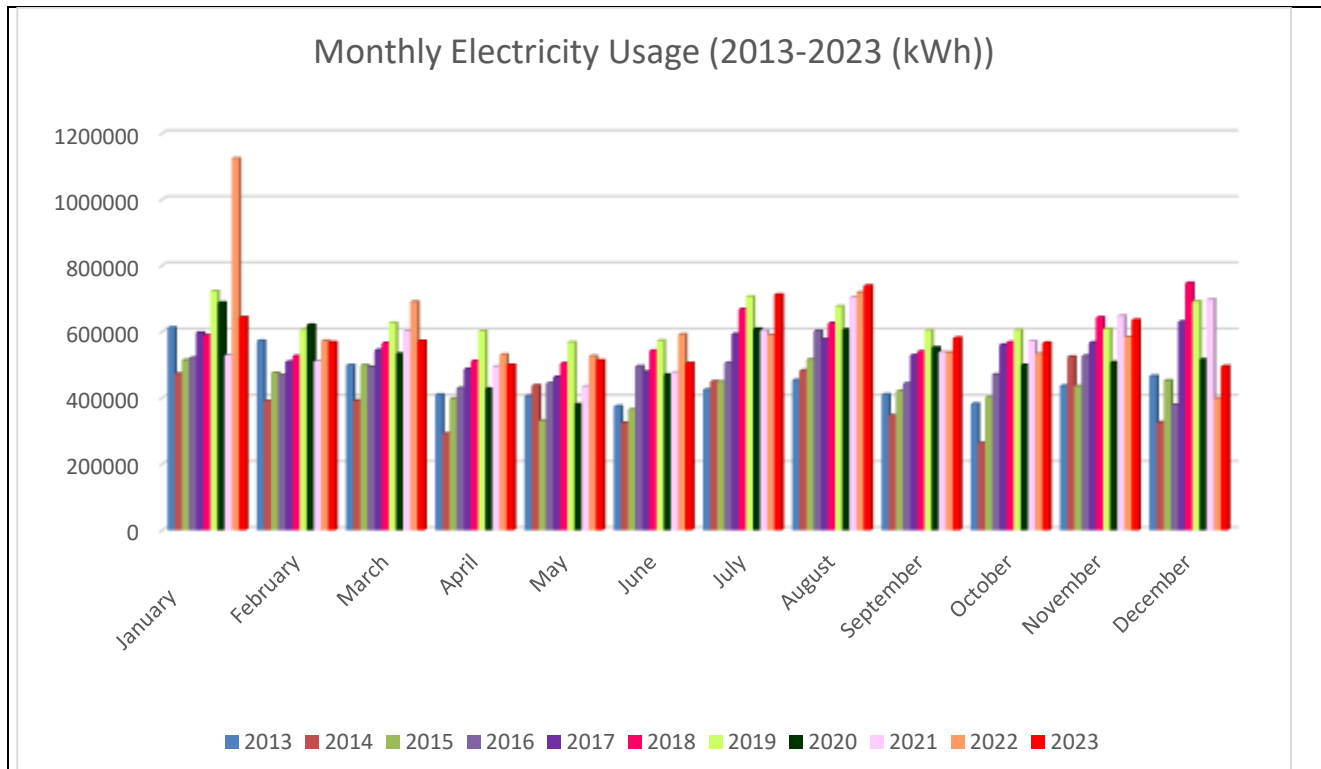


Template for Evidence(s) UI GreenMetric Questionnaire

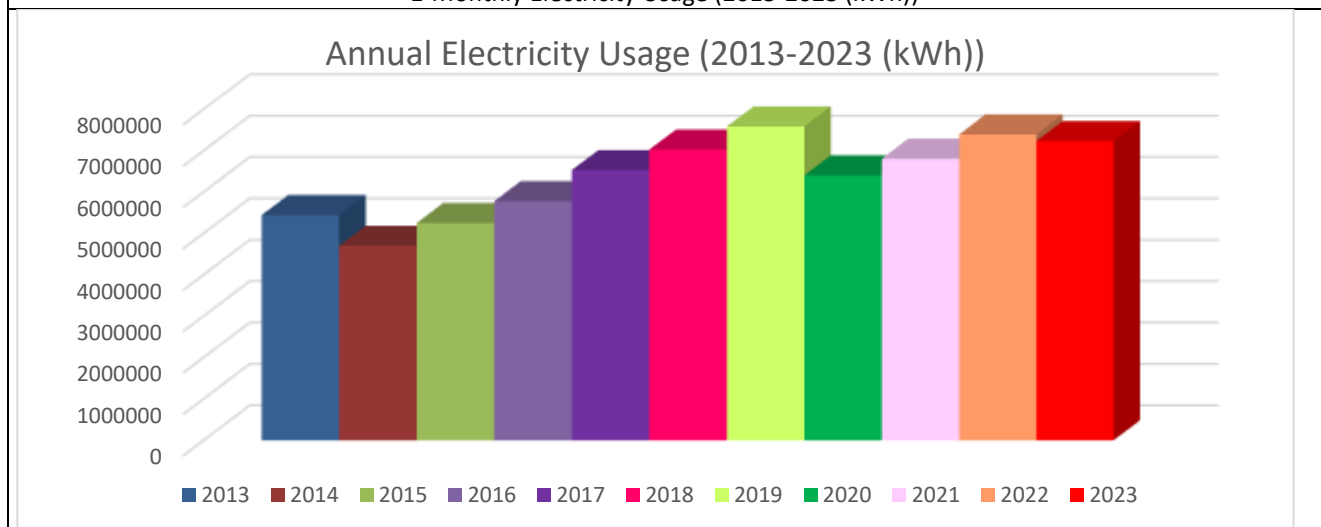
University : Gebze Technical University
Country : Türkiye
Web Address : www.gtu.edu.tr

[2] Energy and Climate Change (EC)

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



1-Monthly Electricity Usage (2013-2023 (kWh))



2-Annual Electricity Usage (2013-2023 (kWh))

Total Electricity Usage 2013-2023 (kWh) (Gebze Technical University, Türkiye)

Description:

The total amount of electricity used at Gebze Technical University in 2023 was 7229796.26 kWh. This electricity usage is used for lighting, heating, cooling the campus, and the use of various electronic equipment and laboratory devices.

- 1) Graph number one shows the 10-year trend of electricity use in the GTU by month. As can be seen from this graph, it can be interpreted that the main reason for the increase in electricity use, especially in winter and summer, is due to heating and cooling systems.
- 2) Figure 2 shows the annual distribution of electricity use at GTU. In this graph, it is interpreted that electricity use has followed an increasing course between 2013 and 2019, and the main reasons for this are the expansion and growth of GTU in terms of staff and students. On the other hand, the reason for the dramatic decrease in 2020 can be interpreted as the closure of the campus to students due to the COVID-19 pandemic.