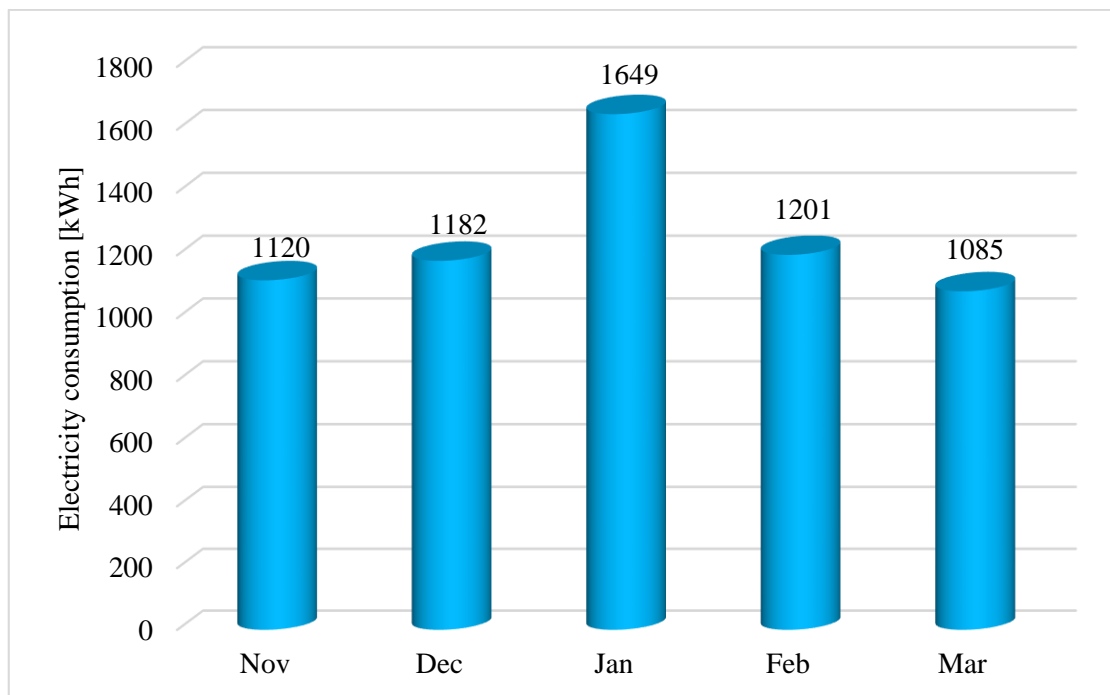


**Heater electricity consumption report**

Boiler “Vulkan 3F – 15 kW” is installed in September 2018 in test house, which is used as reference for boiler electricity consumption. The house mean surface is 100 m<sup>2</sup> and has 4 users. Also, test house is stationed in urban area of Kragujevac. Heating started in November 2018 and is terminated in March 2019.

Note that temperature of 22 to 24°C was maintained during nights and days throughout weekends and more than 90% of working days. Boiler shutting down was quite rare, considering that there were children in the house and it is the only way of heating it.

Therefore, data as shown in graph below is obtained.



Note that electricity consumption is highest in January, which is the coldest month of the year. In January 2019 average outside temperature ranged from -1.9 to 0°C. Whereas in other months, the average outside temperature is higher, as shown in the table below.

Month of the year	Average temperature range [°C]
November, 2018	6.1 – 8
December, 2018	2.1 – 4
January, 2019	-1.9 – 0
February, 2019	0.1 – 2
March, 2019	6.1 – 8

Temperature ranges are taken from monthly newsletters, created by the Republic Hydrometeorological Institute of Serbia.