

Yearly Data of Water and Energy Consumption

	2018	2019	2020	2021
Number of Users				
Number of Students	1.457	1.959	2.476	2.944
Academic Staff (Research Assistants included)	203	219	243	263
Administrative Staff	130	145	164	173
Other				86
	1.790	2.323	2.883	3.466
Water Consumption (tones)				
Consumption from main supply	20.360	21.210	18.848	11.132
Consumption from wells	N/A	132.955	146.971	125.647
Total volume of water used	48.562	181.901	184.621	148.654
Gray Water (Recycled water usage)	191	247	307	360
Water consumption per person (tones)	27,12	21,07	13,05	4,36
Energy Consumption				
Total Floor Area	33.968	39.010	39.010	42.587
Total Electric Energy Used (kwh)	3.077.135	2.680.484	2.061.158	2.466.097
Total Natural Gas Used (kwh)	1.837.509	2.785.835	2.370.645	3.499.963
Total Energy Used (kwh)	4.914.644	5.466.319	4.431.803	5.966.060
Energy Usage per sqm (kwh/sqm/year)	144,68	140,12	113,60	140,09
Low-Carbon Energy Used (kwh)*	3.963.809	4.638.049	3.794.905	5.204.036

*According to Turkey Electric Energy Demand Projection Report; in 2021, 30.9% of our electricity production is from coal, 33.2% from natural gas, 16.7% from hydraulic energy, 9.4% from wind, 4.2% from the sun, 3% from .2% was obtained from geothermal energy and 2.4% from other sources.

According to this calculation, 69.1% of the electrical energy taken from the grid in Turkey is in the category of "low carbon energy consumption".

For this reason, "Low carbon energy consumption" on the campus was obtained by calculating 69.1% of the total electrical energy consumed on the campus.

Source:

https://enerji.gov.tr/Media/Dizin/EIGM/tr/Raporlar/ENTAP/114176-turkiye_elektrik_enerjisi_talep_projeksiyonu_raporu.pdf