

It is considered the perfect location for city travellers: the Hotel LENAS DONAU at Wagramer Straße 52 in Vienna´s 22nd district. This facility´s average electricity consumption is around 18.500 kWh per month.

Key data:

Number of rooms: 189 with 367 beds
 Installed BEPIPE system: 150 kW
 Date of installation: The beginning of June 2022

Result:

In the observation period from June to August 2022, around **12% of electricity** was saved each month compared to 2019.

The method:

Electricity consumption is measured every five minutes for a month to determine the so-called baseline, resulting in 288 data records per day. The first measurement in the LENAS DONAU hotel took place in May 2022. The result: 17.151 kWh. Compared to the consumption of the year 2019, the deviation was 1.94 %.

To be able to assess the relevance of the values in terms of their comparability, the following parameters were taken into account in addition to electricity consumption:

- Number of occupied rooms
- Number of guests present in the house
- Weather data

Period of measurement:

Mai 2022: Operation without BEPIPE
 June 2022: Installation of BEPIPE, the warm-up phase
 July 2022: BEPIPE IS IN OPERATION

Month	Consumption kWh			Capacity utilisation Persons in 1.000		Weather in C°	
	2019	2022	Deviation in %	2019	2022	2019	2022
Mai	17.491	17.151	1.94	261	219	13.59	18.58
Juni	23.279	18.361	21.13	275	226	24.66	22.46
Juli	22.384	19.655	12.19	265	238	23.07	23.15
August	23.239	19.032	18.10	270	243	23.40	23.20