



ENERGY SPECIALIST
ANNUAL REPORT

2023

for Kultúrpark Ltd.

ENERGY SPECIALIST ANNUAL REPORT 2025

Name of the obligated business organisation:

Kultúrpark Ltd.

Energy specialist:

Wenerate Ltd.

Registered office of the obligated business organisation:

1 Fábíán Juli Square, 1095 Budapest

Registered office of the energy specialist:

10 Abonyi Street, 1146 Budapest, HU

Tax number of the obligated business organisation:

27059571-2-43

Tax number of the energy specialist:

27951222-2-42

Energy specialist organisation ID:

ESZSZ-135/2020

Details of the qualified energy specialist professional (natural person) involved in the performance:

Norbert Tamás Zalai,

Energy specialist

Energy specialist registry number: ESZ-164/2019

This report has been prepared on the basis of Act LVII of 2015 on Energy Efficiency and Government Decree 122/2015 (V. 26.) implementing it.

The purpose of the energy specialist service is to develop an energy-conscious approach by monitoring the business organisation's energy use and its improvements aimed at efficient energy use.

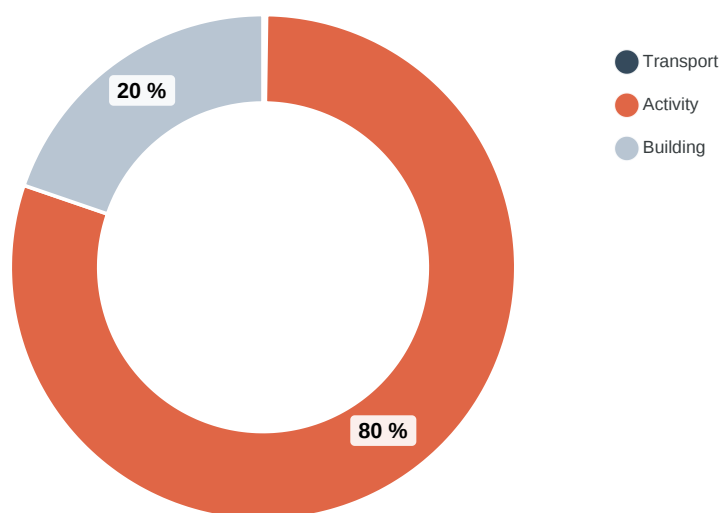
Within this framework, a report is prepared monthly, analysing, among other things, the electricity, natural gas, district heat and other relevant energy carriers used in the course of the activity.

Aggregated annual consumption

The table below shows the consumption (final and primary energy), CO₂ emission and energy cost values for each energy carrier for the given period, aggregated for the entire business organisation.

Energy carrier	Purchased quantity	Final energy [MWh _e /a]	Primary energy [MWh _p /a]	CO ₂ emissions [tCO ₂ eq]	Cost [kHUF]
Electricity [MWh]	1,223.25	1,223.25	3,058.13	430.58	132,242.53
LPG [kg]	80.0	1.11	1.11	0.25	46
Petrol [l]	1,270.0	12.07	12.07	3.02	803
Diesel [l]	280.0	2.79	2.79	0.73	133
Total	-	1,239.22	3,074.1	434.58	133,224.53

Breakdown of consumption by the purpose of energy use, for the following sub-areas:

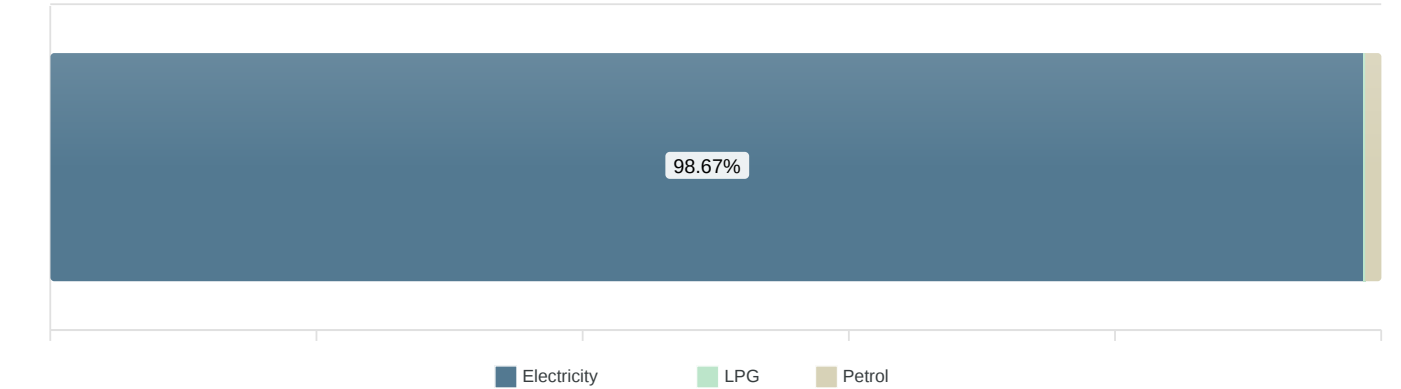


Transport

Energy carrier	Purchased quantity	Final energy [kWh _e /a]	Primary energy [kWh _p /a]	CO ₂ emissions [tCO ₂ eq]	Cost [kHUF]
Diesel	280.0 [l]	2,786.0	2,786.0	0.73	133
Total	-	2,786	2,786	0.73	133

Activity

Energy carrier	Purchased quantity	Final energy [MWh _e /a]	Primary energy [MWh _p /a]	CO ₂ emissions [tCO ₂ eq]	Cost [kHUF]
Electricity	978.6 [MWh]	978.6	2,446.5	344.47	105,794.02
LPG	80.0 [kg]	1.11	1.11	0.25	46
Petrol	1,270.0 [l]	12.07	12.07	3.02	803
Total	-	991.78	2,459.68	347.74	106,643.02



Building

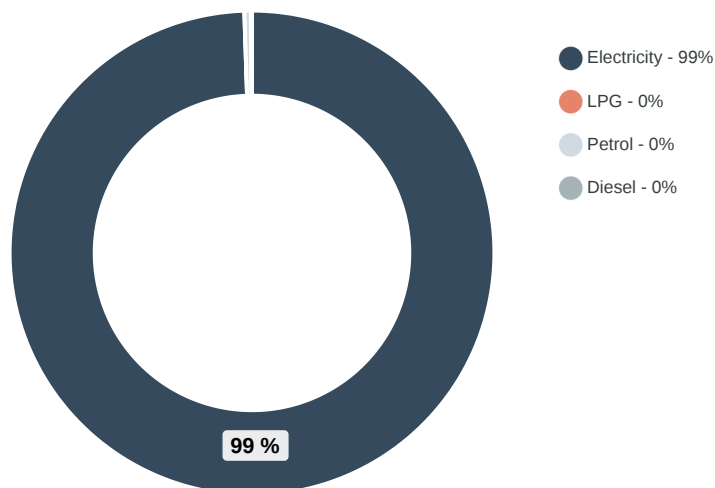
Energy carrier	Purchased quantity	Final energy [MWh _e /a]	Primary energy [MWh _p /a]	CO ₂ emissions [tCO ₂ eq]	Cost [kHUF]
Electricity	244.65 [MWh]	244.65	611.63	86.12	26,448.51
Total	-	244.65	611.63	86.12	26,448.51

Primary energy consumption - by energy carrier

The chart below shows the final energy consumption of recent years.

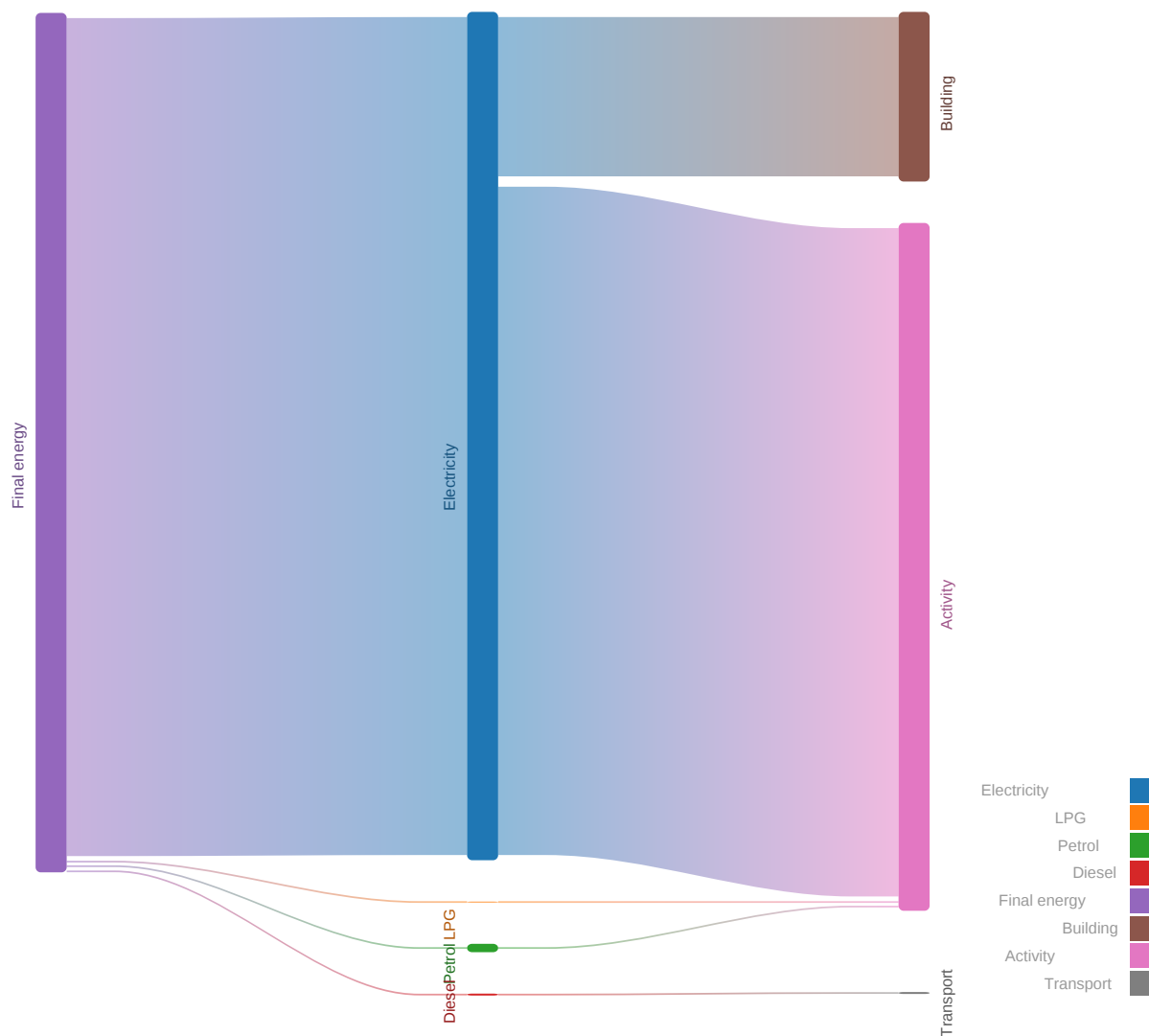


In the given year, final energy consumption by energy carrier was distributed as follows.



Energy flows

The Sankey diagram below shows final energy consumption broken down by purpose of use (Transport, Activity, Building) and by energy carrier, illustrating their share of total consumption and their proportion to one another.

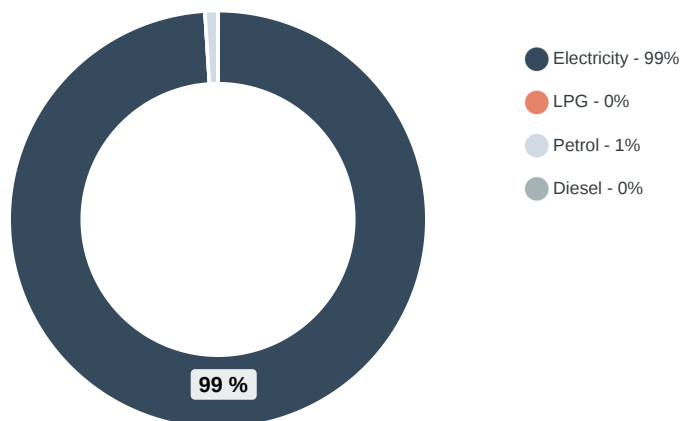


Cost distribution by energy carrier

Total:

133,224.53 kWh

The chart below shows the annual cost distribution in percentage terms.



Energy consumption - relative to the reference year

Primary energy use

Total:

3.07 GWh

Total deviation from the reference year:

+3.07 GWh

The chart below shows the primary energy use of recent years.

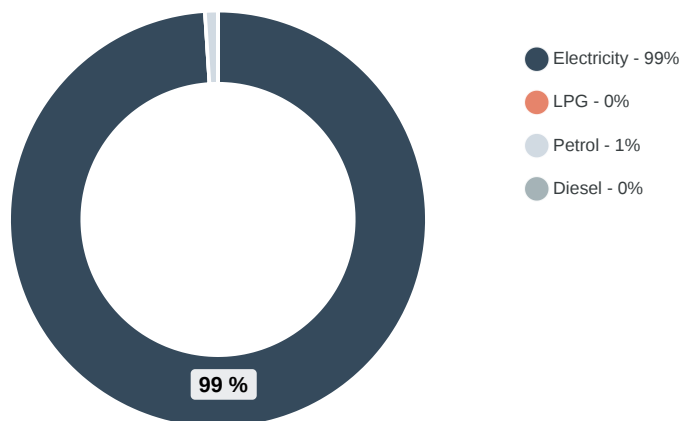


Carbon dioxide

Overview:

434.59 t

The chart below shows the distribution of annual CO₂ emissions in percentage terms.



Constants applied

In aggregating energy use, the following conversion factors were applied, on the basis of Annex 6 of Government Decree 122/2015 (V. 26.) implementing the Energy Efficiency Act, Government Decree 410/2012 (XII. 28.), and the MEKH_ENHAT_VALLALAT form.

Purchased quantity	Primary energy conversion factor	Emission factor [gCO ₂ eq/kWh]
1 kWh electricity	2.5	308
1 Nmm ³ natural gas (at 15 °C)	1	201.96
1 l petrol	1	250.2
1 l diesel	1	263.7
1 kg coke	1	345.96
1 mm ³ gases of mining origin used for energy purposes	1	201.96

Energy specialist activities

This annual energy specialist report and the recommendations it contains are prepared in line with the climate protection goals of the European Union, the National Building Energy Strategy, Hungary's National Energy Efficiency Action Plan, Hungary's Renewable Energy Utilisation Action Plan and the National Climate Change Strategy.

Recommendations on the use of energy efficiency and renewable-energy-based systems were selected in line with the objectives of cost-effectiveness, reducing primary energy consumption, reducing pollutant emissions, and increasing renewable energy capacity.

Date: Budapest, 2026-05-06