

Energy consumption within the organisation

Energy consumption within the organization

[GJ / MWh]

	2017	2018
Non-renewable sources	24 023 443	26 731 241
Renewable sources	0	0
Energy purchased	6 371 580	7 075 770
Energy sold	588 758	754 346
Overall energy consumption in the organisation	29 806 266	33 052 666

In 2018, more energy was used because more oil was processed than in 2017.

NON-RENEWABLE SOURCES

[GJ / MWh]

2018	Fuel equivalent for usable energy ¹
Coal	341 186
Natural gas	10 421 045
Diesel oil	419 281
Fuel gas	11 944 740
Residual gas, special gas and reservoir gas	3 530 341
Heavy oil	0
Light fuel oil	49 539
Marine oil	0
LPG	25 110
TOTAL	26 731 241

ENERGY PURCHASED FROM OTHER ENTITIES

[GJ / MWh]

2018	Fuel equivalent for usable energy ¹
Electricity	6 951 326
Heat (including steam and cooling)	124 445
TOTAL	7 075 770

ENERGY SOLD TO OTHER ENTITIES

[GJ / MWh]

2018	Fuel equivalent for usable energy ¹
Electricity	261 600
Steam (water vapor)	277 358
Heat (in water)	215 387
Cooling energy	0
TOTAL	754 346

¹ The fuel equivalent for a selected group of fuels in a given period is the product of the quantity (t or Nm³) of the burned fuel and its calorific value (GJ/t (or Nm³)).

In the case of electricity, the consumption of energy purchased on the market was brought to the fuel equivalent using the average efficiency of generation of the electricity sources in Poland.