Municipal infrastructure - energy and gas in 2025

16.09.2026

1.1%

Increase in the household consumption of electricity

In 2025 there was an increase in consumption of: electricity in households by 1.1%, heat energy to residential buildings by 7.5% and gas from the network by 5.7%.

Electricity

The number of electricity consumers increased by 1.0% over the year

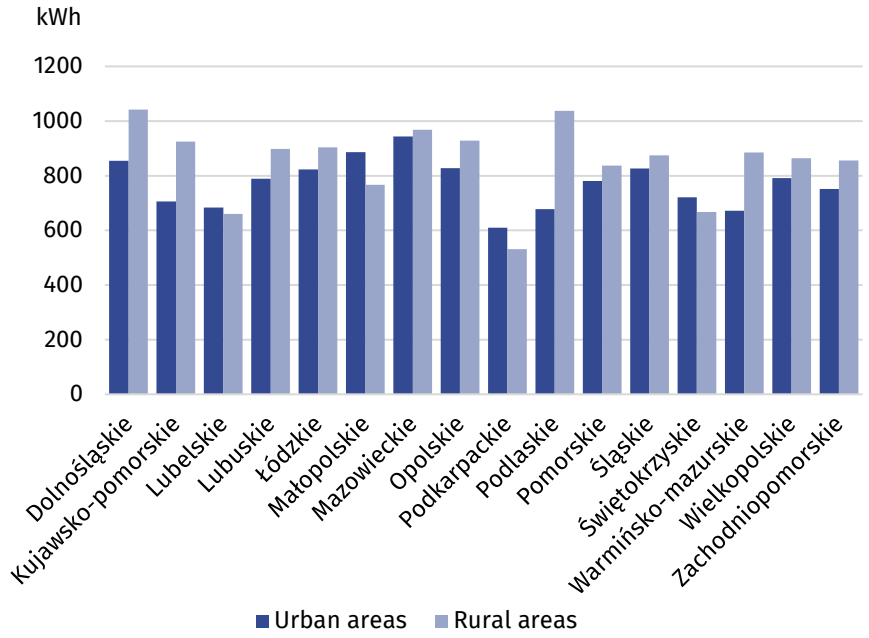
At the end of 2025, household consumption of electricity in Poland amounted to 30,727.6 GWh, and the number of consumers was 16,765 thousands. Compared to the previous year, electricity consumption per 1 consumer (household) in Poland increased by 0.1% and amounted to 1,832.8 kWh, whereas in urban areas – 1,609.5 kWh and in rural areas – 2,277.1 kWh.

Table 1. Consumers and household consumption of electricity

Specification	2024		2025	
	total	2023=100	total	2024=100
Consumers of electricity in thousands [a]	16,596	101.4	16,765	101.0
urban areas	11,036	101.6	11,157	101.1
rural areas	5,561	101.1	5,608	100.9
Consumption of electricity in GWh [b]	30,401.0	102.1	30,727.6	101.1
urban areas	17,783.7	101.6	17,957.7	101.0
rural areas	12,617.3	102.9	12,770.0	101.2
Consumption of electricity per consumer in kWh [b]	1,831.8	100.7	1,832.8	100.1
urban areas	1,611.5	100.0	1,609.5	99.9
rural areas	2,269.1	101.7	2,277.1	100.4
Consumption of electricity per capita in kWh [b]	809.3	102.5	821.5	101.5
urban areas	796.0	102.1	808.4	101.6
rural areas	828.9	103.1	840.8	101.4

a. As of 31 December b. During the year

Chart 1. Household consumption of electricity per capita in 2025



Heat energy

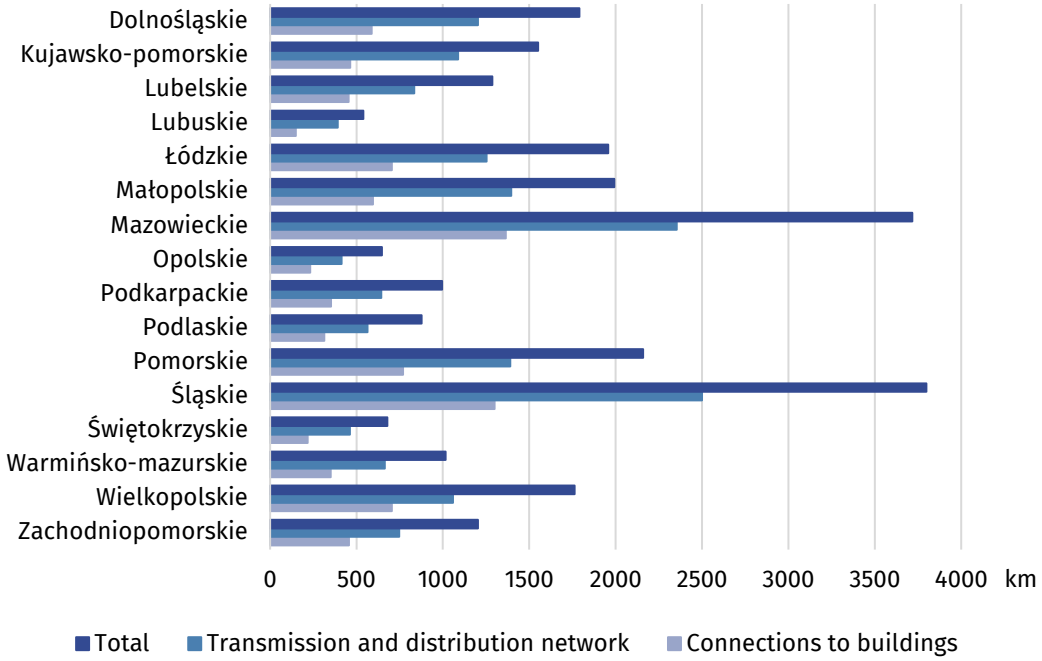
At the end of 2025 the length of the heat supply network amounted to 25,968.7 km, of which 96.2% was located in urban areas. The most significant increase in the length of the heat supply network compared to 2024 was recorded in Śląskie and Zachodniopomorskie voivodships – 1.0% each. The highest density of heat supply network (transmission and distribution) was observed in Śląskie (20.3 km per 100 km^2) and Małopolskie (9.2 km per 100 km^2). As in the previous year, the lowest density was noted in the following voivodships: Warmińsko-Mazurskie (2.7 km per 100 km2), Podlaskie and Lubuskie (2.8 km per 100 km2).

The largest increase in the length of the heat supply network in 2025 was recorded in Śląskie and Zachodniopomorskie, both of which recorded a 1.0% increase compared to 2024

Table 2. Heat supply system infrastructure

Specification	2024		2025	
	total	2023=100	total	2024=100
Heat supply network in km	25,910.1	100.7	25,968.7	100.2
urban areas	24,900.5	100.8	24,974.2	100.3
rural areas	1,009.6	98.4	994.5	98.5
Heat supply network (transmission and distribution) in km	16,923.3	100.8	16,957.2	100.2
urban areas	16,266.8	100.8	16,304.0	100.2
rural areas	656.5	99.0	653.2	99.5
Connections to buildings in km	8,986.8	100.7	9,011.5	100.3
urban areas	8,633.7	100.9	8,670.2	100.4
rural areas	353.1	97.5	341.3	96.7

Chart 2. The length of heat supply network in 2025



In 2025 193.9 PJ of heat energy was sold, of which 152.4 PJ (78.6%) was used for heating purposes in residential buildings.191.3 PJ (98.7%) of heat energy was sold to inhabitants of urban areas, of which 151.1 PJ for heating purposes in residential buildings.

Table 3. Sale of heat energy

Specification	2024		2025	
	total	2023=100	total	2024=100
Sale of heat energy in PJ[a]	180.5	97.9	193.9	107.4
urban areas	178.0	97.9	191.3	107.5
rural areas	2.5	96.2	2.6	102.5
Sale of heat energy for residential buildings in PJ[a]	141.7	97.3	152.4	107.5
urban areas	140.3	97.3	151.1	107.7
rural areas	1.4	93.3	1.3	93.3

a During the year

Gas supply system

As of the end of 2025 gas supply network in Poland reached the length of 178.3 thousand km, while the number of connections to buildings amounted to 3,623.5 thousand pcs. Compared to the previous year, the length of gas supply network increased by 1.7 thousand km (1.0%), whereas the number of connections to buildings – by 67.1 thousand pcs. (1.9%).

Compared to the 2024 the number of connections to buildings increased by 1.9%

The household consumption of gas from gas supply system in 2025 compared to 2024 increased by 5.7%, accompanied by a 1.6% increase in the number of customers. In rural

areas, gas consumption increased (by 6.3%), and the number of recipients also increased (by 4.0%). Similarly, in urban areas gas consumption also increased (by 5.4%), while the number of customers also increased (by 1.1%).

In relation to 2024, household consumption of gas from gas supply system increased by 3,097.5 GWh and amounted 6,406.6 kWh per consumer; of which in rural areas it was 10,589.5 kWh per consumer and 5,478.1 kWh per consumer in urban areas.

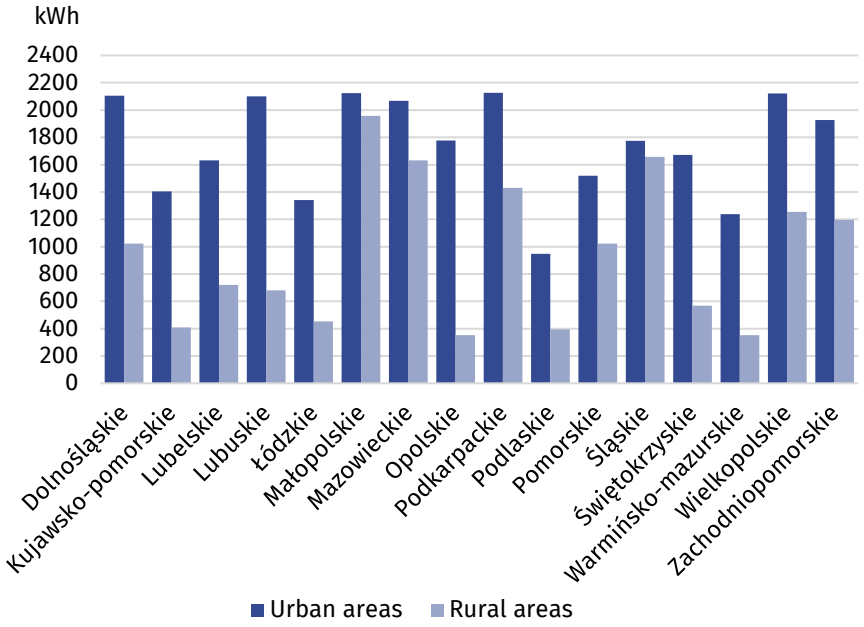
Table 4. Gas supply network consumers and consumption of gas from gas supply system in households

Specification	2024		2025	
	total	2023=100	total	2024=100
Gas supply network in km[a]	176,605.2	101.3	178,295.3	101.0
urban areas	72,907.2	101.2	73,596.3	100.9
rural areas	103,697.9	101.4	104,699.0	101.0
Connections leading to residential and non-residential buildings in thousand pcs [a]	3,556.4	102.3	3,623.5	101.9
urban areas	2,039.3	101.8	2,070.9	101.1
rural areas	1,517.1	102.9	1,552.6	102.3
Consumers of gas supply system in thousands [a]	8,861	99.5	9,005	101.6
urban areas	7,288	98.8	7,369	101.1
rural areas	1,573	102.8	1,636	104.0
Consumption of gas from gas supply system in GWh[b]	54,594.8	100.9	57,692.3	105.7
urban areas	38,292.1	100.7	40,370.1	105.4
rural areas	16,302.7	101.6	17,322.1	106.3
Consumption of gas from gas supply system per capita in kWh[b]	1,453.4	101.3	1,542.5	106.1
urban areas	1,713.9	101.1	1,817.4	106.0
rural areas	1,071.1	101.8	1,140.5	106.5
Consumption of gas from gas supply system per consumer in kWh[b]	6,161.5	101.5	6,406.6	104.0
urban areas	5,254.4	101.9	5,478.1	104.3
rural areas	10,363.6	98.8	10,589.5	102.2

a. As of 31 December b. During the year

Among households, urban residents accounted for 81.8% of all consumers of gas from gas supply system

Chart 3. Household consumption of gas from gas supply system per capita in 2025



Prepared by:
Statistical Office in Rzeszów

Acting Director Andżelika Malinowska
Office: (+48 17) 853 52 10.
(+48 17) 853 52 19

Issued by:
Press Office

Mobile: +48 695 255 032

Phone: +48 22 608 38 04. +48 22 449 41 45.
+48 22 608 30 09

e-mail: obslugaprasowa@stat.gov.pl

stat.gov.pl/en/
@StatPoland
@GlownyUrzadStatystyczny
@gus_stat
@GłównyUrządStatystycznyGUS
@Główny Urząd Statystyczny

Related information

Energy management and gas supply system in Poland in 2024

Housing Economy and Municipal Infrastructure in 2024

Data available in databases

Local Data Bank

Knowledge Databases Municipal and Dwelling Infrastructure

Terms used in official statistics

Energy consumption

Consumers of electric energy in households

Distribution heat network

Transmission heat network

Gas supply network

Gas supply connection

Consumer of gas from gas supply system

Consumption of gas in households