



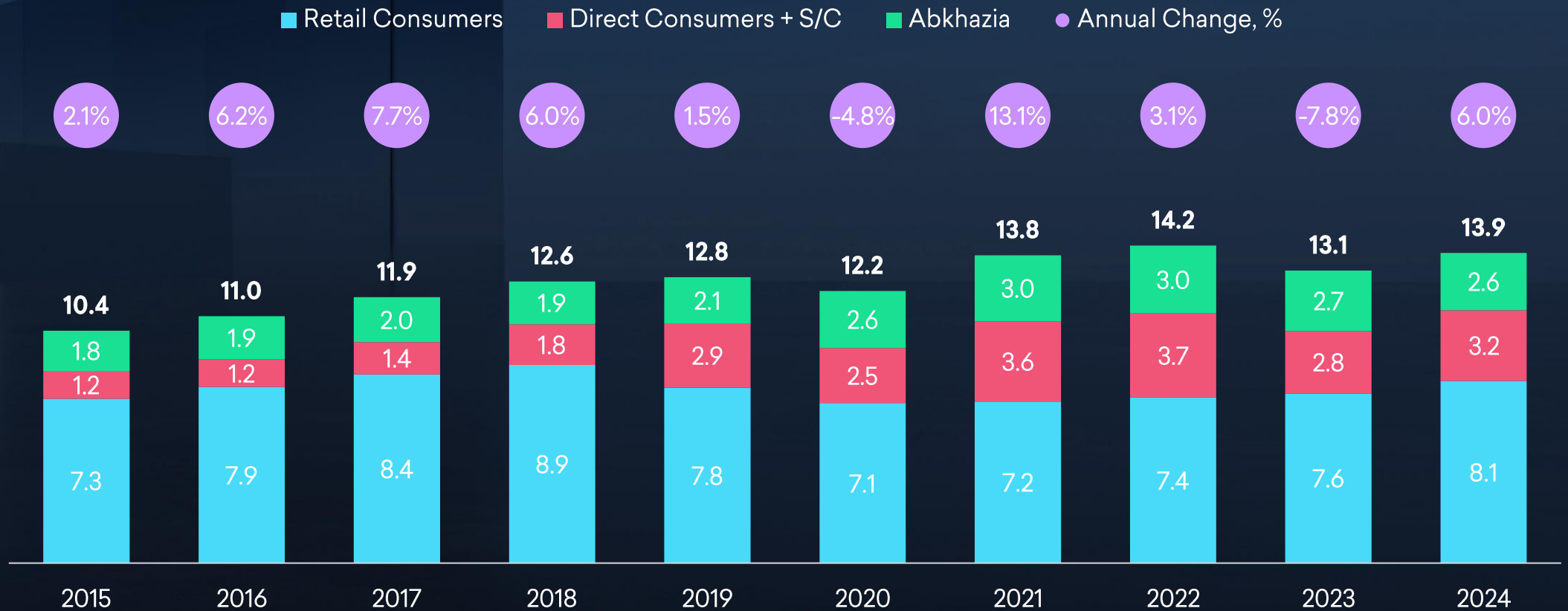
# Electricity Demand Trends

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# After the one-off halt in electricity demand in 2023, consumption reverted to its upward trend in 2024

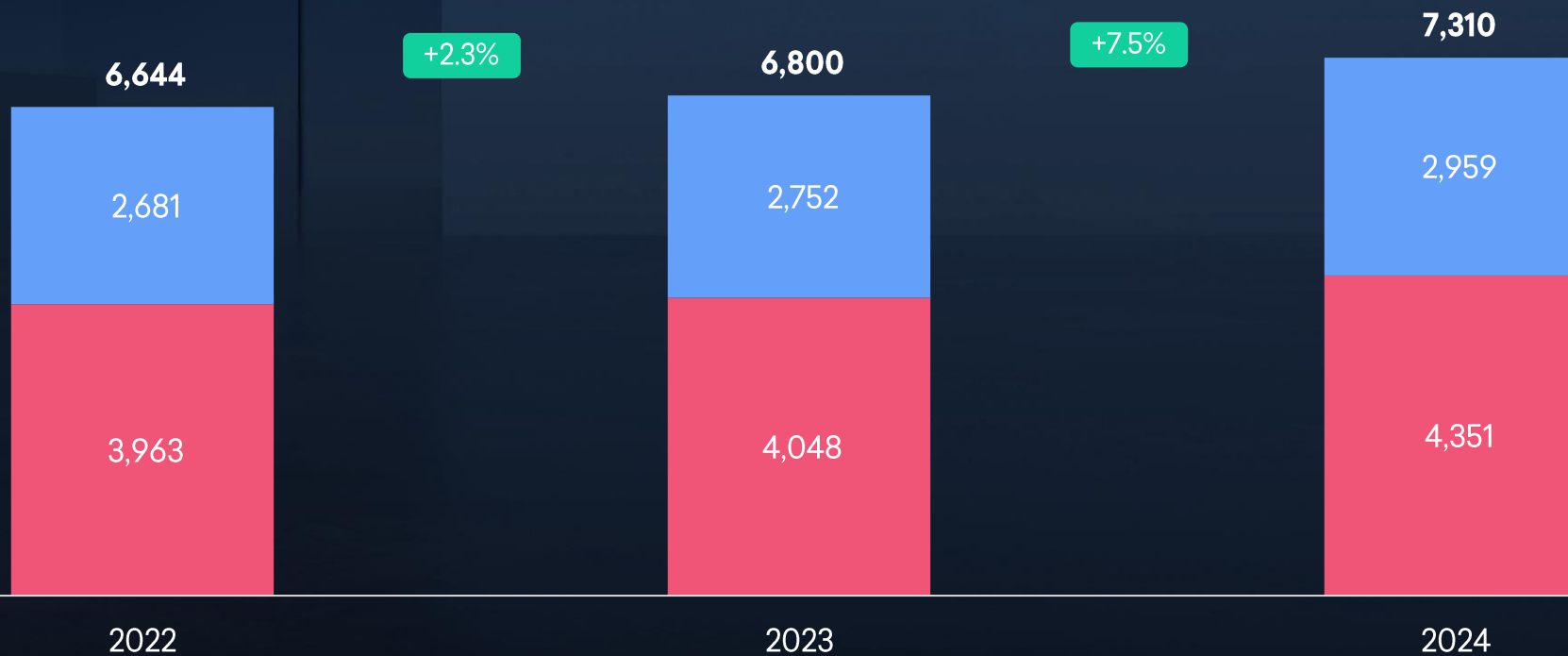
## Electricity consumption by main consumer groups, TWh



# The residential and non-residential segments in the retail segment grew its consumption by 7.5% YoY in 2024

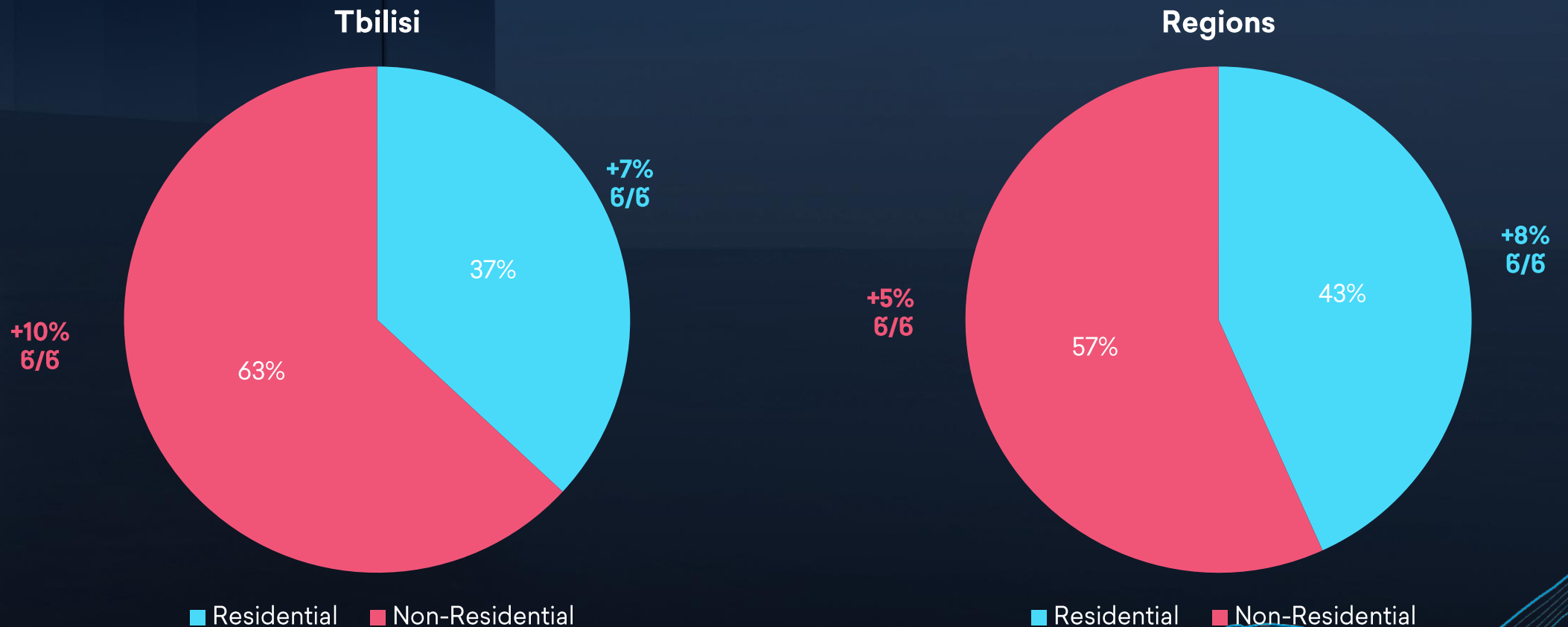
## Electricity consumption breakdown in retail consumers, GWh

■ Non-Residential ■ Residential



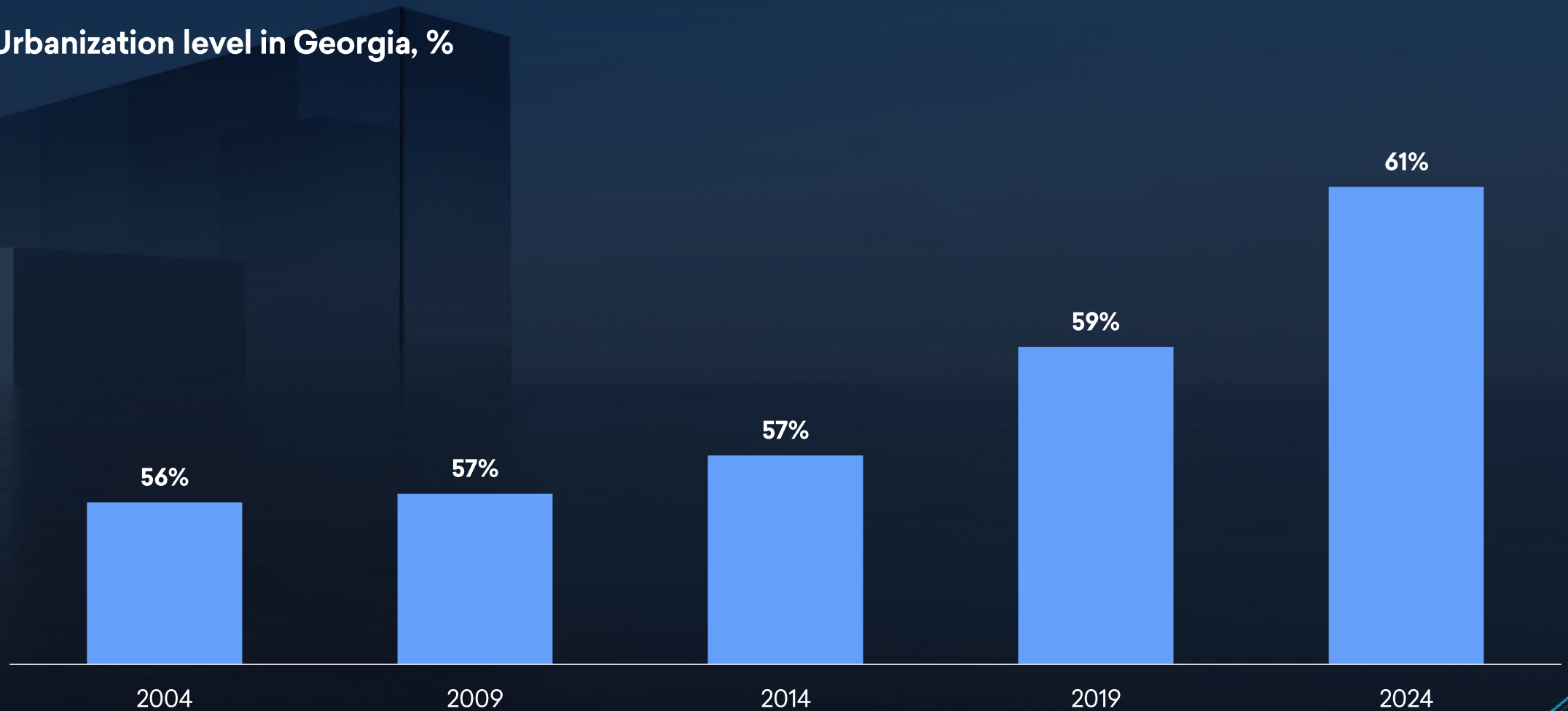
# The growth rates among the segments differed in Tbilisi and the regions, which have reflected in the corresponding shares in 2024

## Electricity consumption breakdown in retail consumers, 2024



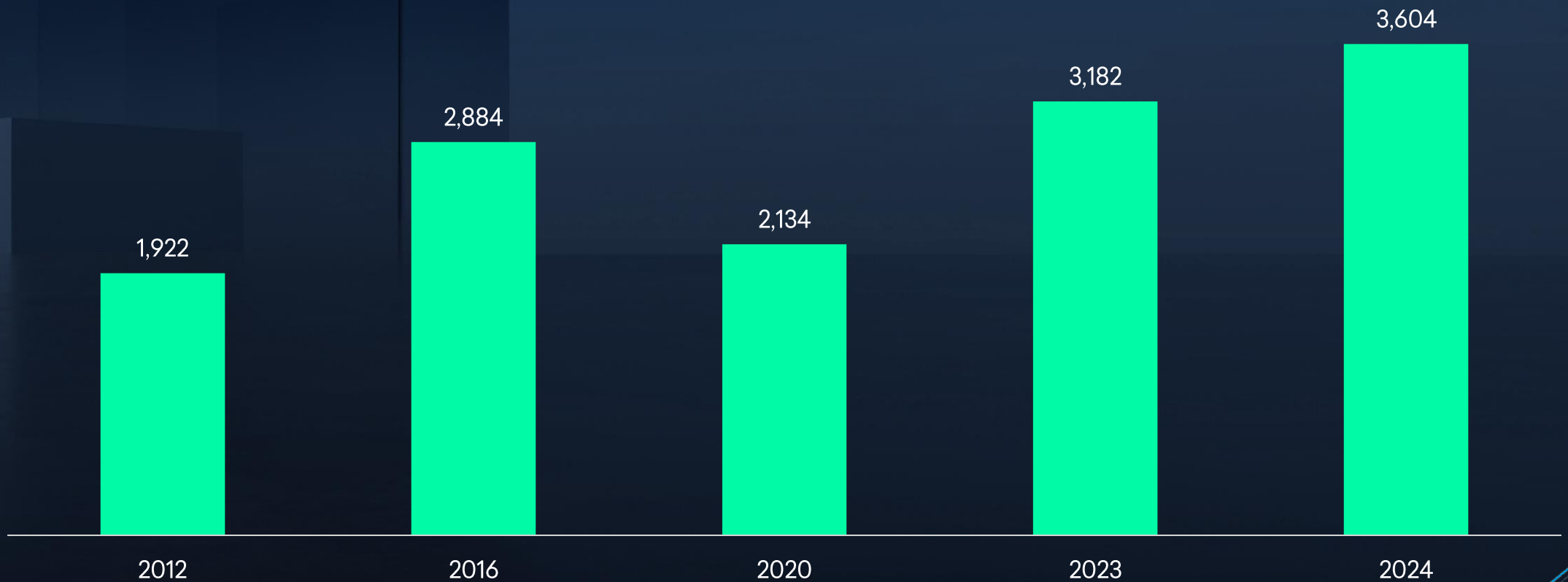
# The growing urbanization level in Georgia is one of the key driving factors for the retail electricity consumption

Urbanization level in Georgia, %



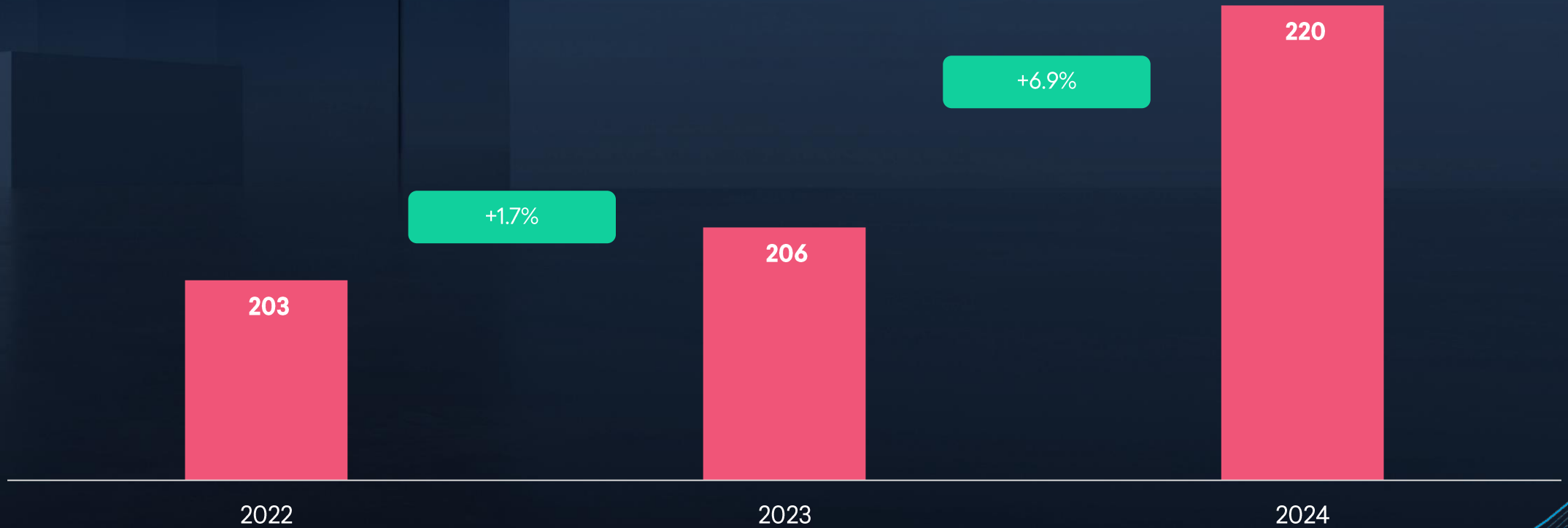
# The growing number of new residential and non-residential buildings in Georgia translates into increased electricity consumption

## Completed construction projects in Georgia, units



# A rising level electrification can be observed in the Georgian households throughout the past three years

Monthly electricity consumption per household, kWh



# The rising level of electrification in household goods is most evident in the shifts observed in air conditioner units in Georgia

Net import of air conditioning units, '000 units

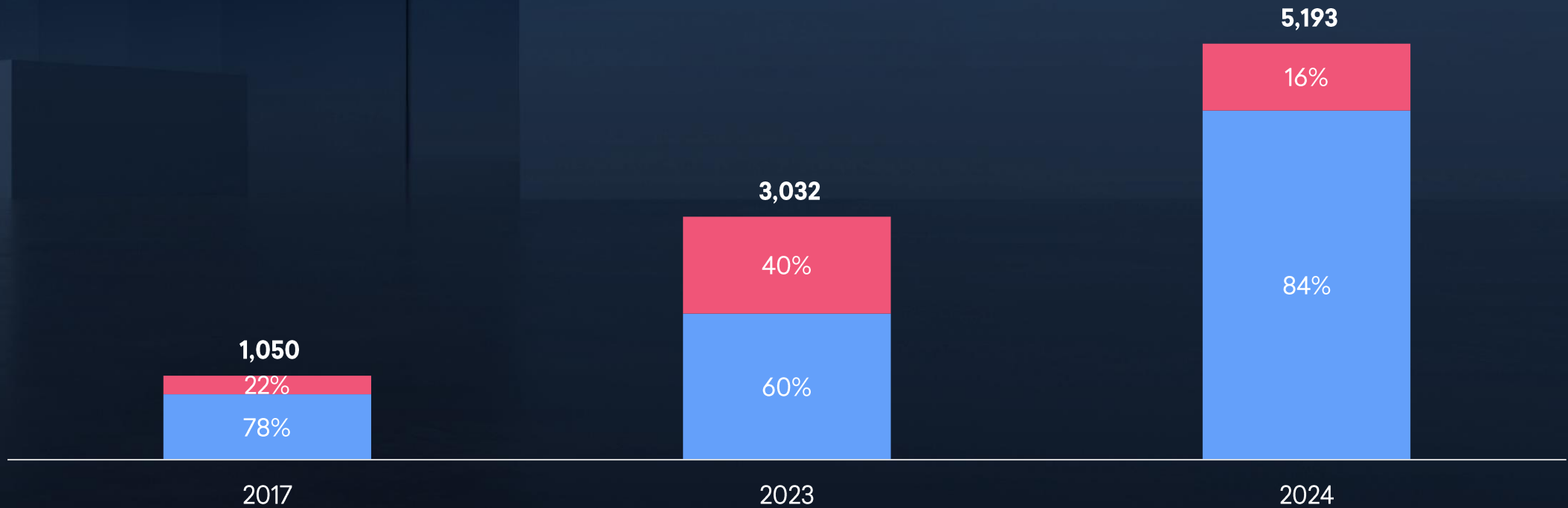




# The rising number of electric vehicles in the Georgian automotive fleet is also a noteworthy indicator when analyzing the electrification of Georgian households

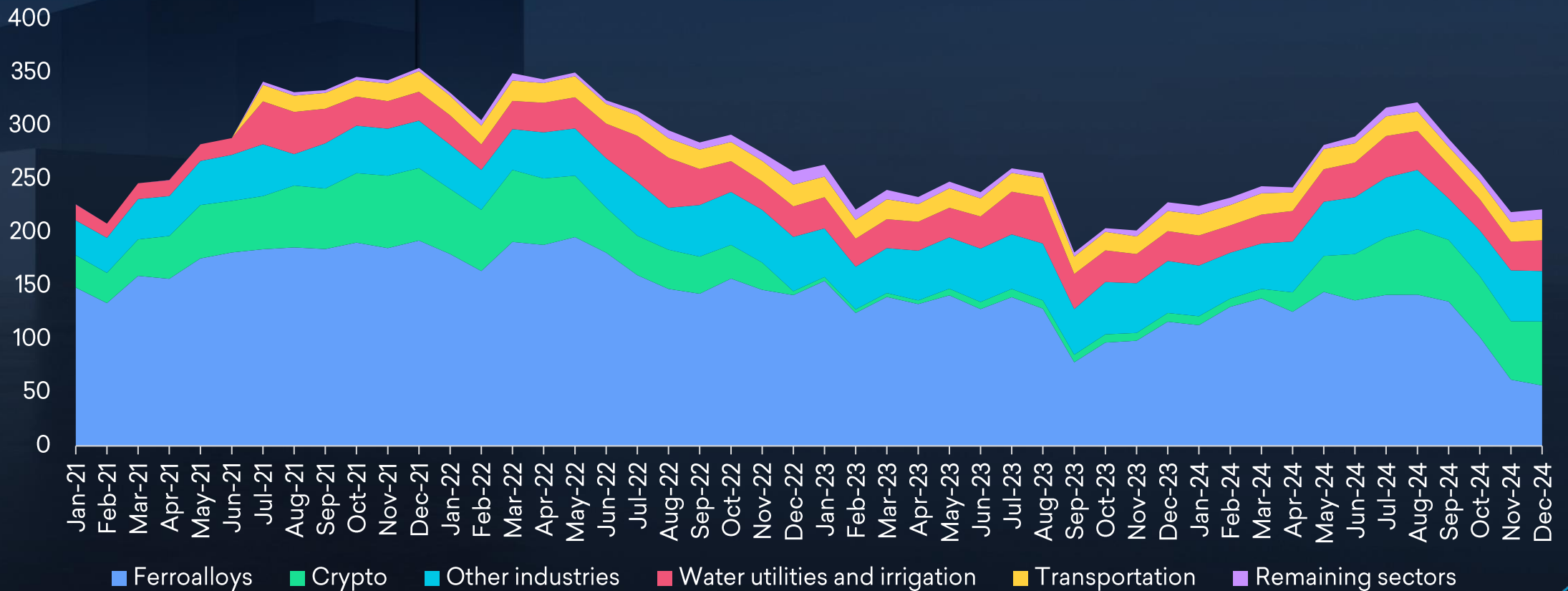
## Net import of EVs and PHEVs, units

■ EV ■ PHEV



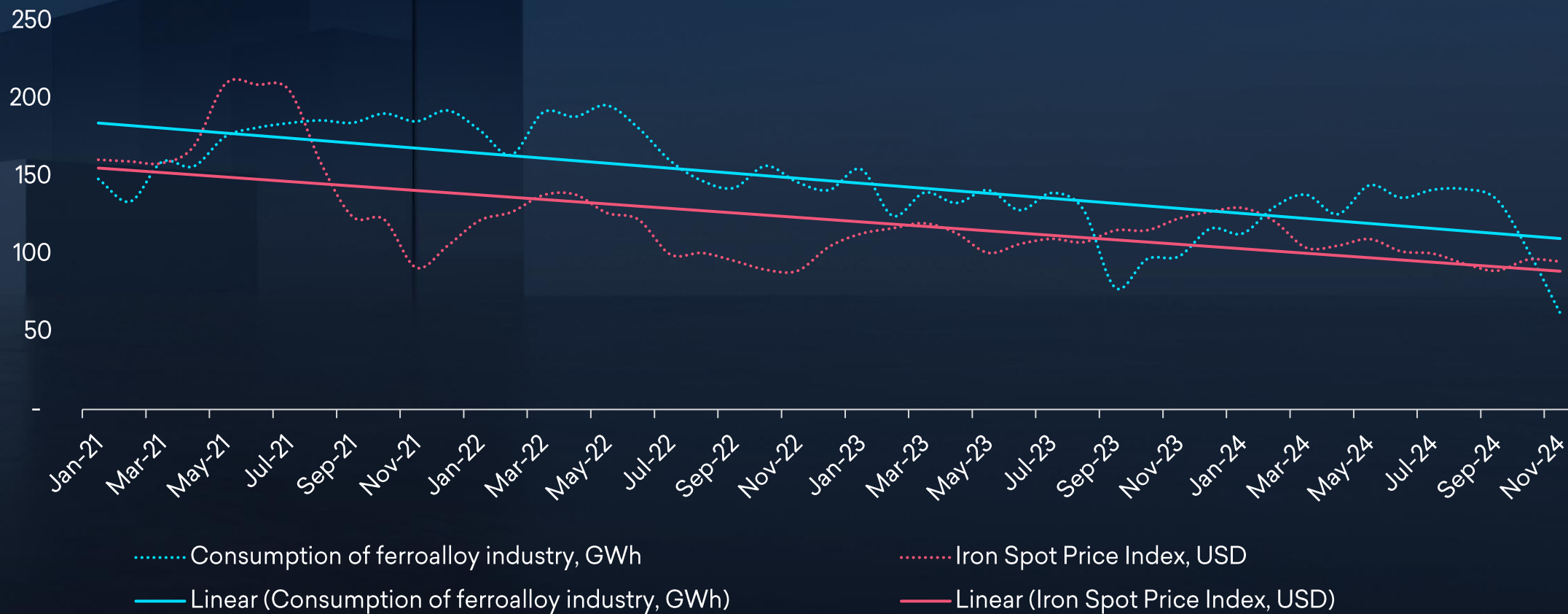
# The Georgian ferroalloys and crypto industries have been responsible for more than half of consumed electricity by direct consumers throughout the past four years

## Electricity consumption of direct consumers by industries, GWh



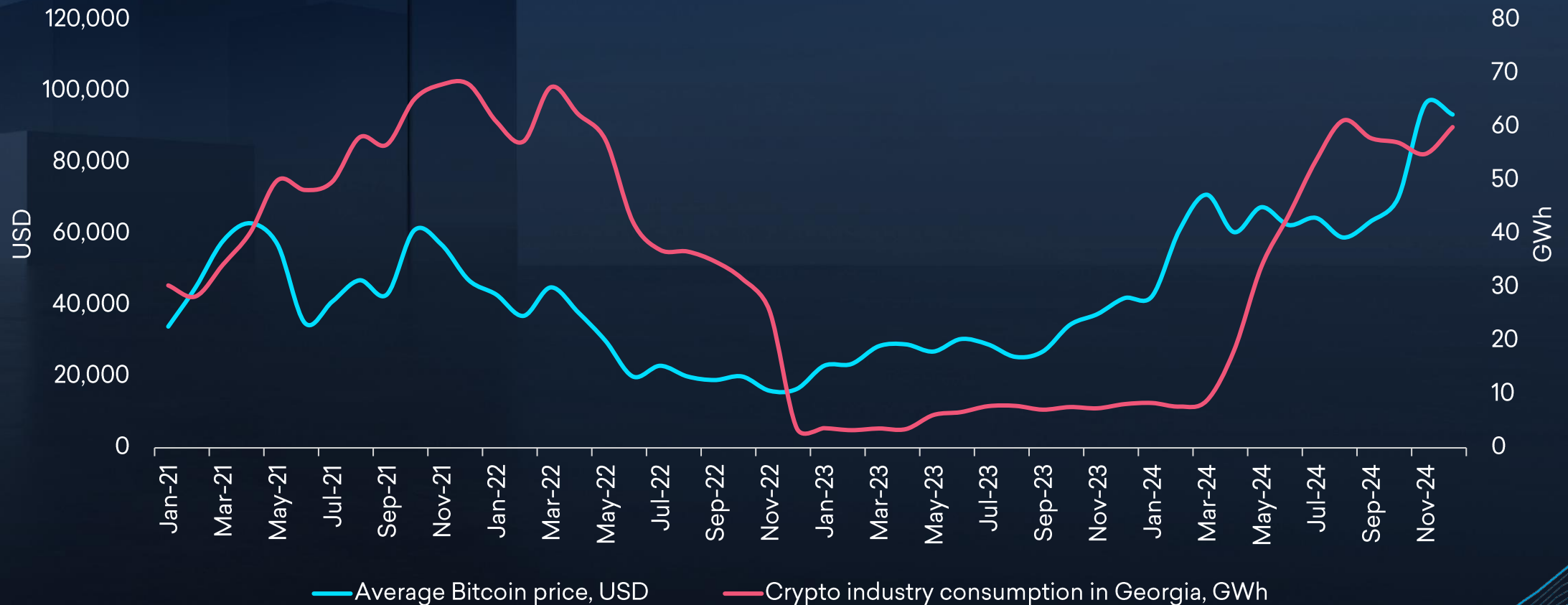
# While individual geopolitical events and decisions have a significant toll on the production level of the Georgian ferroalloys industry, global commodity prices also affect the industry

## Electricity consumption of the ferroalloy industry and iron ore spot price, GWh, USD



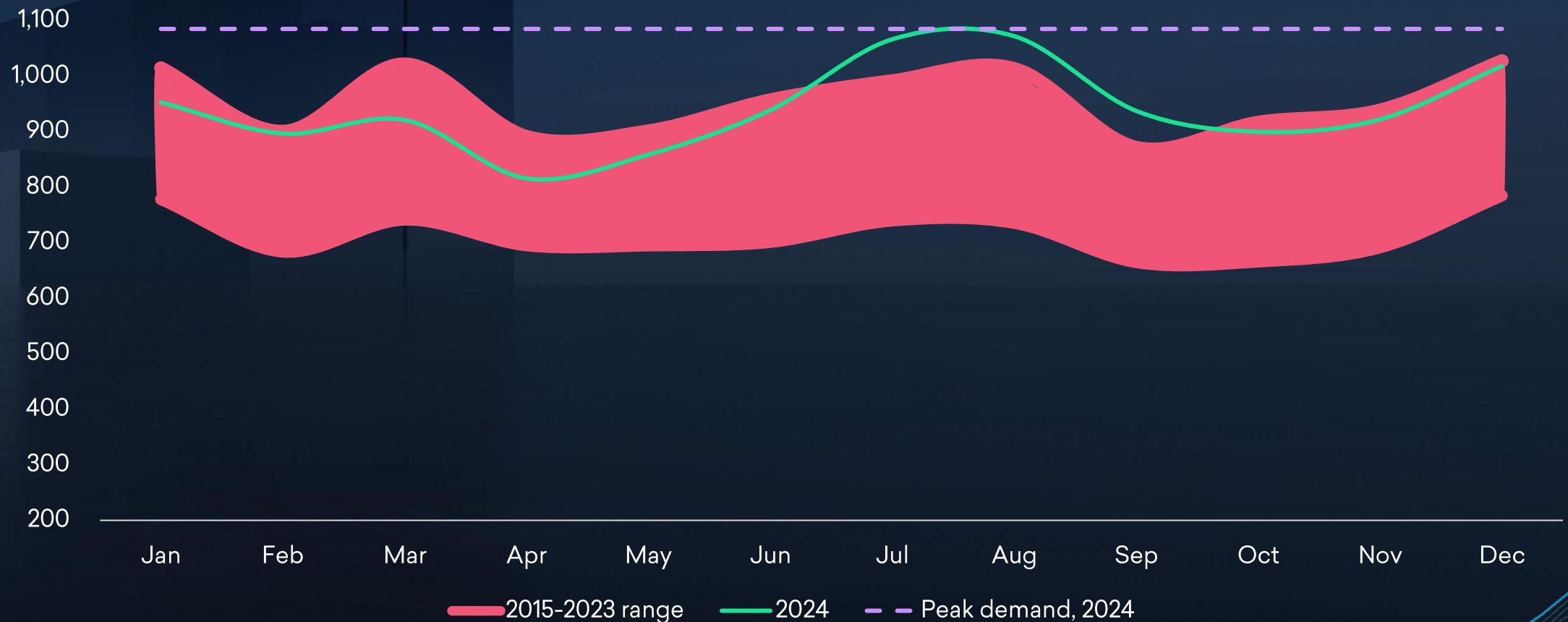
# A high level of correlation can be observed between the electricity consumption of the Georgian crypto industry and Bitcoin price

## Electricity consumption of the crypto industry in Georgia and Bitcoin price, GWh, USD



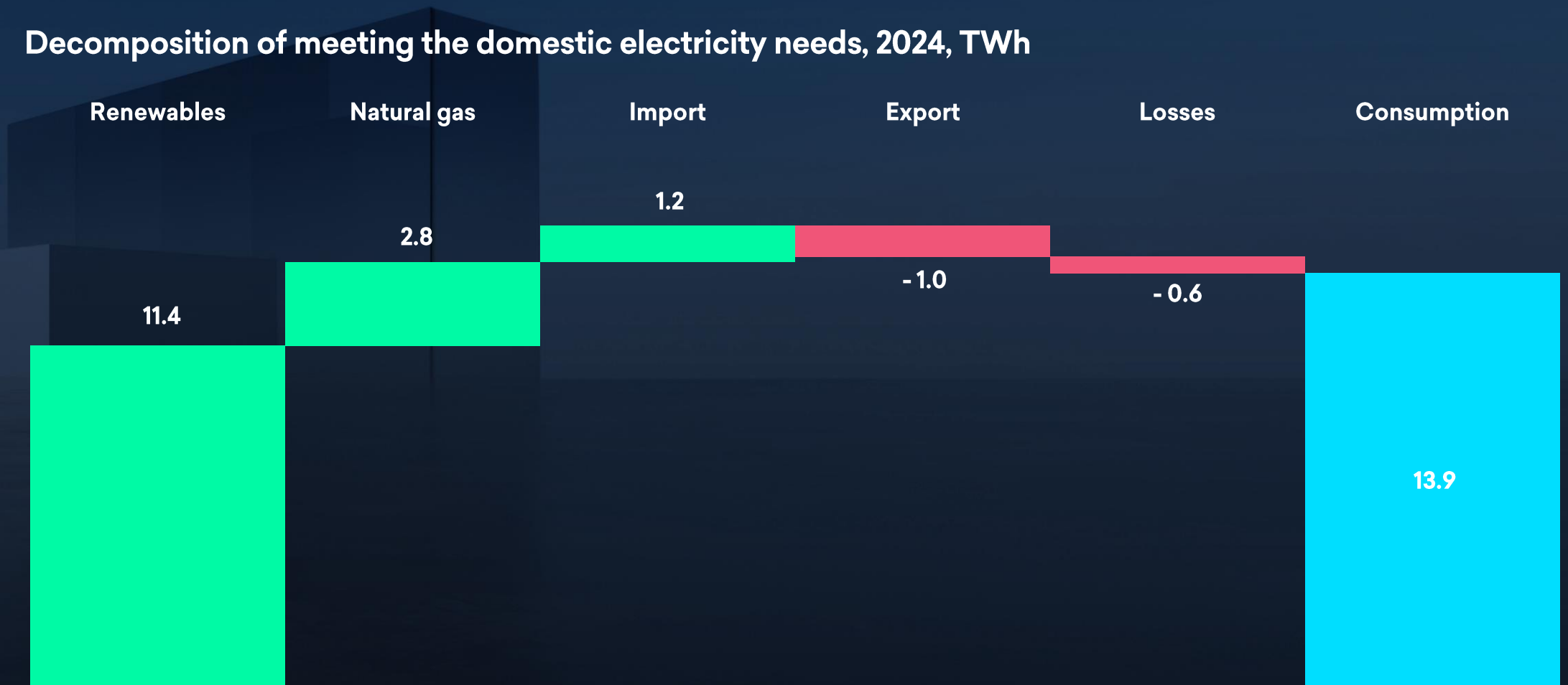
# The peak demand months have shifted from winter months to summer months in the past years

## Monthly electricity consumption\*, GWh



# In 2024, more than a quarter of domestic electricity consumption was met with imported energy sources

## Decomposition of meeting the domestic electricity needs, 2024, TWh



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