



ENERGY EFFICIENCY

MANAGEMENT APPROACH

GRI 3-3

Kazakhtelecom JSC applies a systematic management approach to energy consumption aimed at reducing energy costs and minimizing environmental impact. The Company is certified under the international standard ISO 50001:2018, confirming the existence of an effective energy management system.

The Company has adopted and implements an Energy Management Policy that provides for energy consumption monitoring, energy efficiency analysis, and the introduction of energy-saving solutions. A documented procedure, "Identification of Energy Types. Baseline Definition. Energy Analysis", has been implemented to maintain an energy register, control equipment parameters, and determine baseline consumption levels.

Energy optimization measures have been implemented at production sites, including installation of LED lighting, automatic lighting sensors, reduction in high-energy-consuming office equipment, and use of emergency power supplies with energy-saving settings.

Key principles of the Energy Management Policy of Kazakhtelecom JSC

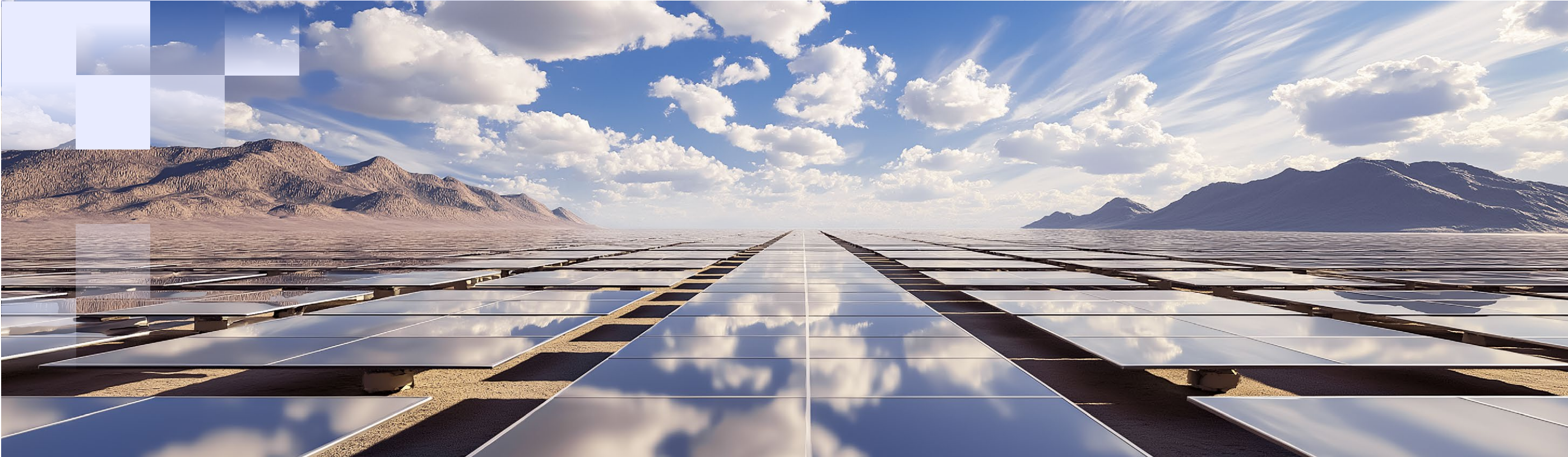
- › Compliance with the legislation of the Republic of Kazakhstan, as well as national and international energy efficiency standards.
- › Commitment to achieving best available technologies in energy-efficient production.
- › Rational use of fuel and energy resources.
- › Transparency and accessibility of information on the Company's energy efficiency.

The Policy applies to the following areas: provision of telecommunication services, procurement of goods, works, and services, and operation of telecommunications networks and infrastructure.

Main Policy directions:

- › Systematic and targeted training of Company employees and raising awareness in energy conservation and efficiency.
- › Timely response to changes in legal requirements and standards and continuous improvement of internal regulatory documents.
- › Inclusion of energy efficiency as a criterion in procurement processes wherever possible.

- › Preference for energy-efficient solutions during modernization of technological and energy equipment.
- › Continuous monitoring of fuel and energy consumption and generation in core and auxiliary production processes.
- › Development of motivation mechanisms to engage employees in energy conservation initiatives.





RESOURCE CONSERVATION AND ENERGY EFFICIENCY IMPROVEMENT

GRI 3-3

Kazakhtelecom JSC prioritizes energy efficiency and the transition to resource-saving technologies as part of its path toward carbon neutrality. The Company implements a range of measures aimed at reducing consumption of imported electric and thermal energy, as well as fuel resources used in operating its own energy generation facilities.

Key initiatives implemented:

- › Replacement of fluorescent lamps with LED lighting in administrative areas
- › Installation of motion/presence sensors for lighting systems
- › Configuration of sleep mode for personal computers and installation of software for automatic shutdown
- › Deduplication and modernization of copper networks to modern fiber-optic technology.

In 2024, Kazakhtelecom JSC conducted an energy audit to improve energy efficiency and resource conservation.

424,563

7.5%

GJ

is the total fuel consumption volume in 2024

In 2024, total fuel consumption amounted to 424,563 GJ, 7.5% lower than in 2023. The primary energy sources were gasoline and diesel fuel. The Company operates autonomous heating systems at 248 facilities, including 107 sites using diesel fuel, 108 using gas heating, and 40 using solid fuels (of which 28 are equipped with electric boilers). No significant increase in fuel consumption was observed in 2024 for either mobile or stationary sources (boiler houses). Notably, there was a sharp reduction in liquefied gas consumption by mobile sources and in firewood consumption by stationary sources.

In 2024, electricity consumption reached 628,276 GJ, a 1.31% increase compared to 2023. The growth was driven by the installation of new commercial and technological servers.

It should be noted that server hardware consumes variable power depending on the workload of processors (CPU), graphics accelerators, and other components.



GRI 302-1

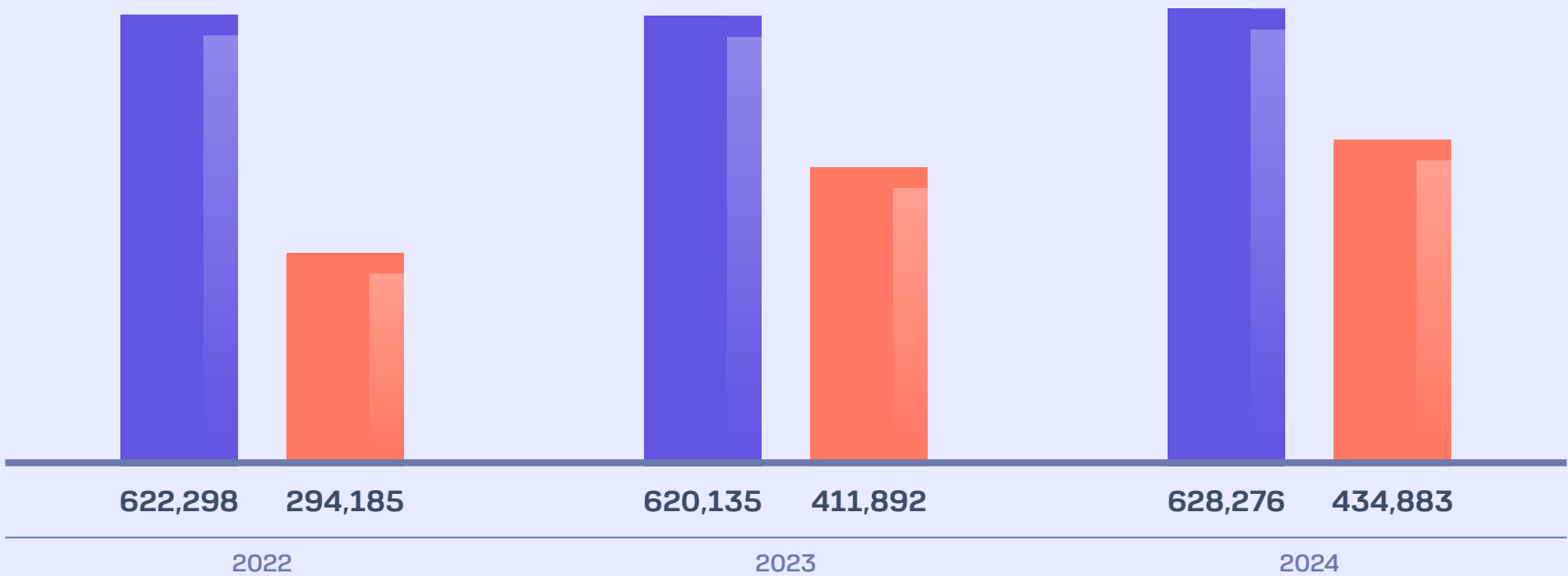
TOTAL FUEL CONSUMPTION, GJ

Indicator	2022	2023	2024	%
Gasoline	180,543	197,783.4	209,710.9	6%
Diesel fuel	67,570	107,904.9	115,707.6	7%
Coal	19,324	21,445.6	22,440.9	4.6%
Natural gas	101,415	108,074.1	71,508.2	(-33.8%)
Liquefied gas (propane) as motor fuel	50,181	23,165.4	5,032.8	(-78%)
Firewood	-	528.2	166.8	(-68.42%)
Total Fuel Consumption	419,035	458,901.7	424,563	

GRI 302-1

Consumption of Thermal and Electric Energy for Internal Technological Needs

- Electric energy
- Thermal energy



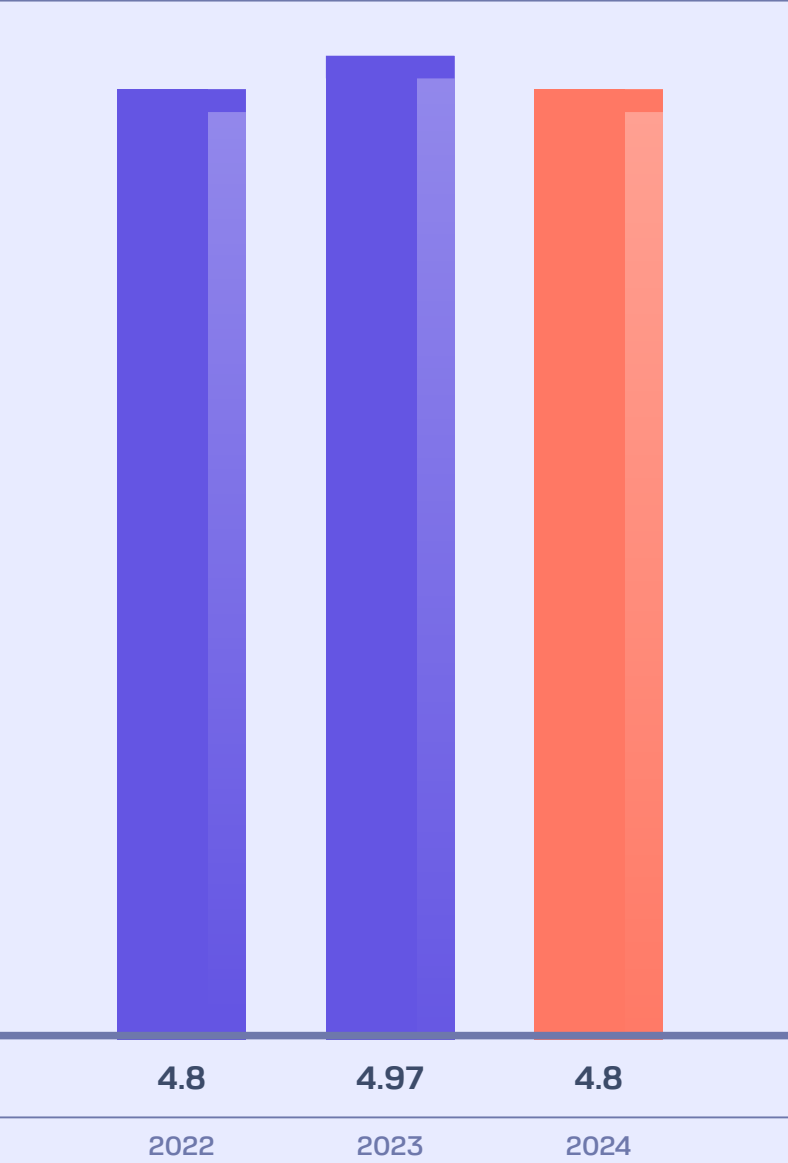


GRI 302-3

ENERGY INTENSITY

Indicator	2022	2023	2024
Total energy consumption, GJ	1,335,517	1,490,401.4	1,487,723
Kazakhtelecom JSC revenue, KZT million	278,111	299,725	309,484
Energy intensity, GJ/KZT million	4.8	4.97	4.8

ENERGY INTENSITY, GJ/KZT million



4.8

GJ/KZT million

Energy intensity in 2024

Plans for 2025 and the Medium Term

In 2025, the Company plans to implement the following energy efficiency measures:

- › Thermal modernization of buildings based on the results of energy audits.



CLIMATE CHANGE MITIGATION

GRI 3-3

Kazakhtelecom JSC regards climate change as one of the key challenges, as well as an important opportunity to transform its business model and enhance resilience. In the context of the global transition to a low-carbon economy, the Company strives to make a meaningful contribution to Kazakhstan’s climate goals and its international commitments under the Paris Agreement.

In 2023, the Company planned a set of initiatives aimed at improving the corporate climate risk management system in line with the TCFD recommendations. A significant portion of these initiatives was implemented in 2024.

The Company continued implementation of its 2022–2032 Low-Carbon Development Program and integrated elements of climate analysis into strategic and investment planning processes. During the reporting period, an in-depth climate analysis was conducted covering the Company’s operations and infrastructure. This included the identification of transition and physical climate risks and the assessment of their potential impact on key business processes in accordance with international TCFD guidance. In 2024, responsibility for managing climate risks was formally assigned to a member of the Management Board.

Development of an adaptation plan for the identified climate risks has been scheduled as one of the priority actions for the medium term.

The full results of the analysis are presented in the “Analytical Report on Climate Risk and Opportunity Assessment” available on the Company’s website: telecom.kz.

Key priorities of our climate strategy:

- › Decarbonization and reduction of greenhouse gas emissions across the Company’s operations and its entire value chain;
- › Alternative energy;
- › Resource conservation and energy efficiency improvements.

