

ENERGY CONSUMPTION AND ENERGY SAVING

In the reporting year, the Company performed the work on energy saving and energy efficiency improvement according to the following documents:

- Decree of the Government of the Russian Federation No. 161 dated 11 February 2021 "On Establishing Requirements for Regional and Municipal Energy Saving and Energy Efficiency Improvement Programmes"
- Federal Law of the Russian Federation No. 261-FZ dated 23 November 2009 "On Energy Saving and Enhanced Energy Efficiency, as well as Amendments to Certain Legislative Acts of the Russian Federation"
- Decree of the Government of the Russian Federation No. 340 dated 15 May 2010 "On the Procedure for Setting Requirements for Energy Saving and Energy Efficiency Improvement Programmes of Organisations Engaged in Regulated Activities"
- Decree of the Government of the Russian Federation "On Investment Programmes of Electric Power Industry Entities" No. 977 dated 1 December 2009 (as amended)
- Order of REC-PTD KT "On Approval of Requirements for Programmes in the field of Saving Energy and Improving the Energy Efficiency of Organisations Engaged in Regulated Activities in the Krasnodar Territory" No. 5/2011 dated 31 March 2011
- Law of the Krasnodar Territory "On Energy Saving and Energy Efficiency Improvement in the Krasnodar Territory" No. 1912-KZ dated 3 March 2010
- The Energy Saving and Energy Efficiency Improvement Programme of Rosseti Kuban, PJSC for the period 2023–2027 approved by the decision of the Board of Directors dated 29 June 2022 (Minutes No. 482/2022, hereinafter referred to as the Programme).

To make sure that the Programme is implemented as is right and proper, Rosseti Kuban appointed the persons responsible for arranging and monitoring its fulfilment, and established working groups as well.

Performance targets of the Programme

	1		2		3
Reduction of electricity losses in transmission and distribution		Consumption of energy resources for household needs		Number of LED-based lighting devices	

Achievement of the Programme's targets:

Actual losses of electricity during transmission and distribution through the power grids at the end of 2023 amounted to 9.49% against the plan of 9.41% set by the Programme	Consumption of energy resources for household needs at the end of 2023 was 3.78 ths TFOE against the plan of 4.08 ths TFOE	The number of lighting devices using LEDs at the end of 2023 is 89% of the total number of used lighting devices against the plan of 75%
the target was not achieved	the target was achieved	the target was achieved

Indicators for energy consumption and energy savings in 2021–2023

Indicators	UoM	2021	2022	2023	Period
					Change 2023/2022, %
Consumption of energy resources for household needs of administrative and industrial buildings	thousand TFOE	4.16	3.90	3.78	-3.1
	RUB mln	123.75	123.39	120.33	-2.5
Consumption of natural resources for household needs of administrative and industrial buildings	thousand m ³	69.45	68.43	62.19	-9.1
	RUB mln	2.62	2.41	2.40	-0.4
Motor fuel consumption by motor vehicles and special-purpose vehicles	thousand TFOE	8.79	8.81	8.84	0.3
	RUB mln	303.55	327.67	337.24	

Amount of energy resources used by the Company in 2023

Sr. No.	Types of resources	UoM	Plan 2023	Actual 2023	Variation, %
1.	atomic energy	not used			
2.	thermal energy	Gcal	3,120.54	2,956.50	-5.3
		RUB mln	9.72	7.59	-21.9
3.	electric energy	mln kWh	29.17	27.22	-6.7
		RUB mln	130.36	112.11	-14.0
4.	electromagnetic energy	not used			
5.	petroleum	not used			
6.	motor petrol	thousand litres	4,201.28	4,428.33	+5.4
		RUB mln	183.20	188.00	+2.6
7.	diesel fuel	thousand litres	3,130.32	3,105.39	-0.8
		RUB mln	138.20	149.24	-8.0
8.	furnace fuel oil	not used			
9.	natural gas	thousand m ³	116.49	83.50	-28.3
		RUB mln	1.14	0.62	-45.6
10.	coal	not used			
11.	oil shale	not used			
12.	peat	not used			

-5.3%

reduction in heat utilisation

-6.7%

reduction in electricity use vs. 2022