

# ELECTRICITY DELIVERY

## 22.6 bln kWh

of the Company's electricity transmission services (+3.1% vs. 2022)

## 9.49 %

electricity transmission losses in the Company's grids in 2023

## Key indicators

### Results of the Company's production activities for 2021–2023

Indicator	2021	2022	2023	Change 2023/2022 (%)
Delivery to the grid, mln kWh	25,221.7	26,062.3	26,860.4	+3.1%
Electricity delivered from the grid to customers and related territorial grid organisations within the area of balance and operational responsibility, mln kWh	22,719.6	23,582.8	24,312.0	+3.1%
<b>Losses of electricity in transmission:</b>				
mln kWh	2,502.1	2,479.5	2,548.4	+2.8%
%	9.920	9.514	9.488	−0.03 p.p.
<b>Volume of electricity transmission services provided:</b>				
mln kWh	21,004.5	21,947.8	22,624.4	+3.1%
RUB mln	54,526.3	61,452.9	71,207.1	+15.9%

The Company's operations in 2023 resulted in total volume of electricity transmission services of 22,624 million kWh, up 677 million kWh, or 3.1% year-on-year.

## −0.03 p. p.

year-on-year reduction in the relative level of losses. The loss rate for the year was met

In the reporting year, actual electricity losses in the power grids of Rosseti Kuban amounted to 2,548 million kWh, or 9.49% of the delivery to the grid.



Every year, loss reduction actions are taken in order to satisfy the predetermined parameters.



Rosseti Kuban's core business is associated with the delivery and distribution of electricity to customers via 110 kV or below voltage grids. The Company's share in the regional electricity transmission market in 2023 was 77.1% (of the regional required gross revenue).

In 2023, electricity transmission losses in the Company's grids totalled 9.49%, which is 0.39 p.p. lower than the value set by the business plan.

In 2023, the loss reduction efforts had an effect of 42 million kWh.

**OLEG NISHCHUK**

Deputy General Director for Service Sales

## Electricity loss reduction measures

Reducing electricity losses is one of the Company's primary activities.

In the future, the efforts in this area will be continued.

By year-end 2023, the effect of steps taken to reduce electricity transmission losses totalled 42 million kWh (RUB 224 million), including:

- Organisational measures — 37 million kWh (RUB 199 million)
- Technical measures — 6 million kWh (RUB 25 million)

## 42 mln kWh

of electricity worth RUB 224 mln saved in 2023 due to loss reduction measures



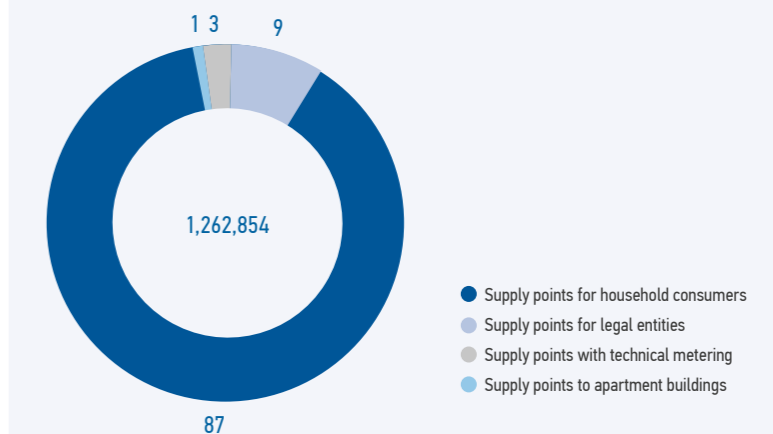
The electricity loss reduction programme was implemented, and the programme's target — level of electricity losses — was achieved.

## Electricity metering

As of the end of the reporting year, there are 1,262,854 power supply points in the Company's area of operations.

Pursuant to Federal Law No. 522-FZ "On Amending Certain Legislative Acts of the Russian Federation in Connection with the Development of Electricity (Capacity) Metering Systems in the Russian Federation" dated 27 December 2018, the Concept for the Development of Smart Metering of Electricity of Rosseti, PJSC in the Retail Markets approved by the decision of the Management Board of Rosseti, PJSC (Minutes No. 885pr/1 dated 26 June 2019), the Company takes measures to develop smart electricity metering by replacing (installing, verifying) metering devices.

### Structure of electricity supply points to the Company's consumers (%)



## Results of the smart metering development programme in 2021–2023, metering points

Indicator	2021	2022	Plan 2023	Actual 2023
<b>Volumes of implementation (introduction, fulfilment) of measures, including:</b>	<b>49,385</b>	<b>45,524</b>	<b>55,893</b>	<b>99,266</b>
Installation/replacement of technical electricity meters	2,646	1,950	0	0
Installation/replacement of commercial electricity meters within the grid connection framework, under the Investment Programme	20,389	27,890	22,589	27,745
Installation/replacement of commercial electricity meters in case of absence or breakdown, or expiry of the calibration interval/service life of meters, under the Investment Programme	6,221	8,386	12,836	14,889
Installation/replacement of commercial electricity meters in case of absence or breakdown, or expiry of the calibration interval / service life of meters, under the Repair Programme	6,848	7,298	9,216	27,210
Installation/replacement of electricity meters under energy service agreements	13,281	0	0	12,183
Verification of fiscal electricity metering devices upon expiry of their verification interval under operating activities	0	0	11,252	17,239