ELECTRICITY TRANSMISSION

> The core business of Rosseti Kuban JSC is the transmission and distribution of electricity to consumers via power grids with a voltage of 110 kV and below. The Company's share in the regional electricity transmission market in 2024 was 78.2% (of the regional required gross revenue).
>
> In 2024, electricity losses during transmission in the Company's grids stood at 9.33% (down 0.52 p.p. below the target set in the business plan). In 2024, the loss reduction efforts had an effect of 38 million kWh.
>
> **Oleg Nischuk**
> Deputy General Director for Sale of Services

KEY INDICATORS

Results of the Company's production activities for 2022–2024

Indicator	2022	2023	2024	Δ 2024/2023 (%)
Delivery to the Company's grid (million kWh)	26,062.30	26,860.40	28,492.99	+6.08
Electricity delivered from the grid to customers and related TGOs within the area of balance and operational responsibility (million kWh)	23,582.80	24,312.0	25,834.22	+6.26
Losses of electricity in transmission:				
• million kWh	2,479.50	2,548.40	2,658.78	+4.33
• %	9.514	9.488	9.331	–0.16 p.p.
Volume of electricity transmission services provided:				
• million kWh	21,947.80	22,624.40	24,192.30	+6.9
• RUB million	61,452.90	71,207.10	80,126.40	+12.5

Based on the Company's performance in 2024, the volume of electricity transmission services provided amounted to

24,192 MILLION KWH,

up 1,568 million kWh year-on-year

↑6.9%

Actual electricity losses in the power grids of Rosseti Kuban JSC for the reporting year amounted to 2,659 million kWh (9.331% of the delivery to the grid). In 2024, the relative loss ratio was reduced by 0.16 p.p compared to 2023. The loss ratio target for the year was achieved.

One of its primary objectives is to reduce electricity losses.

Based on the year-end 2024 results, the effect of steps taken to reduce electricity transmission losses totalled 38 million kWh (RUB 210 million), including through:

- Organisational measures — 32 million kWh (RUB 184 million)
- Technical measures — 6 million kWh (RUB 26 million)

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

The measures of the electricity loss reduction programme were implemented, and the target indicator of this programme, i.e., the level of electricity losses, was achieved.

ELECTRICITY METERING

As at the end of the reporting year, there were 1,291,073 delivery points in the Company's area of operations, including:

- 118,928 delivery points to legal entities
- 1,127,592 delivery points to household consumers
- 10,897 delivery points to apartment buildings
- 33,656 delivery points with automatic metering

Under Federal Law No. 522-FZ dated 27 December 2018 'On Amendments to Certain Legislative Acts of the Russian Federation in Connection with the Development of Electricity (Power) Metering Systems in the Russian Federation,' the Company takes measures to develop smart electricity metering by replacing (installing, calibrating) metering devices.

In the Company's area of operations, there are

1,291,073

DELIVERY POINTS

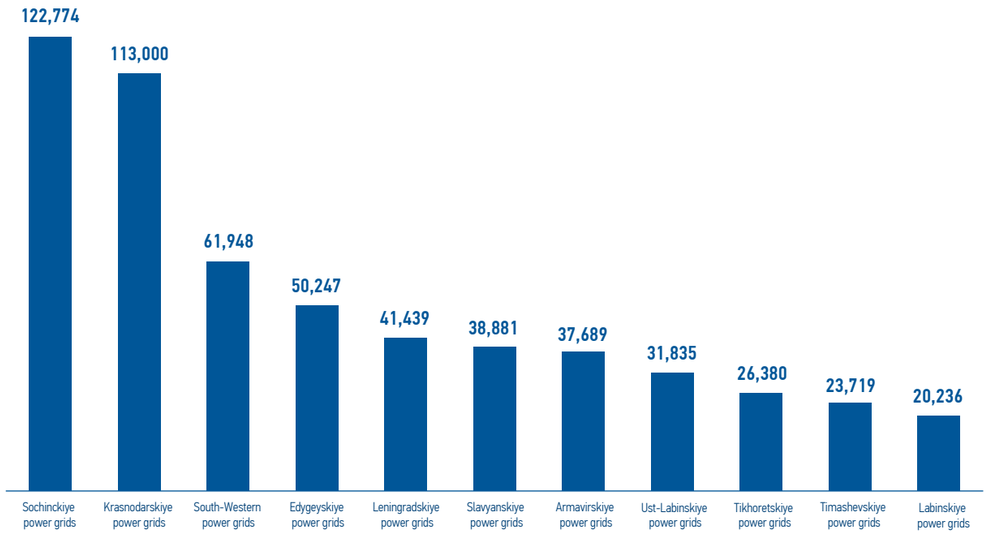
Development of smart electricity metering in 2022–2024 (number of metering points)

Indicator	2022	2023	2024 target	2024 actual
Scope of completion (introduction, implementation) of measures	45,524	99,266	83,194	136,259
Including:				
• Installation/replacement of technical electricity meters	1,950	0	0	0
• Installation/replacement of fiscal electricity meters within the grid connection framework under the Investment Programme	27,890	27,745	28,016	30,662
• Installation/replacement of fiscal electricity meters in case of absence, breakdown, or expiry of the calibration interval/service life of meters, under the Investment Programme	8,386	14,889	4,983	5,567
• Installation/replacement of fiscal electricity meters in case of absence, breakdown, or expiry of the calibration interval / service life of meters, within the scope of operational activities	7,298	27,210	39,188	52,315
• Installation/replacement of electricity meters under energy service agreements	0	12,183	0	38,498
• Calibration of fiscal electricity metering devices upon expiry of their calibration interval within the scope of operational activities	0	17,239	11,007	9,217

The cost of replacing (installing, recalibrating) electricity meters amounted to RUB 2,525.68 million, excluding VAT.

As of the end of the reporting year, the number of electricity meters with remote data collection was 568,148 (44.5% of the total number of delivery points). In 2024, 114,575 electricity meters were automated.

Total number of automated metering devices with remote data collection as of 31 December 2024 by branches of Rosseti Kuban JSC
(units)



In 2025, it is planned to keep rolling out smart electricity metering by replacing (installing, recalibrating) electricity meters that are missing, broken, past their calibration interval, or past their service life, as well as in cases of grid connection pursuant to the requirements of Federal Law No. 522-FZ dated 27 December 2018 'On Amendments to Certain Legislative Acts of the Russian Federation in Connection with the Development of Electricity (Power) Metering Systems in the Russian Federation'.

GRID CONNECTION

In 2024, the planned targets for the grid connection procedure were achieved and exceeded. The demand for grid connections has continued to be quite strong. On average, at least 40,000 applications are filed per year. The Company concluded over 36,000 grid connection contracts with a total capacity of over 865 MW, and 37,000 contracts were executed for a connected capacity of 772 MW.

The average time required for grid connection was 108 days, which is significantly lower than the standard time limits established by current legislation for grid organisations. The average time for reviewing an application and sending an offer to conclude a grid connection contract does not exceed seven days.

The Company supervises the implementation of the grid connection procedure at all stages and levels.

Given the positive developments in cooperation between utility providers, regional and local authorities, Rosseti Kuban will strive to continuously improve key performance indicators, thereby strengthening its image as a customer-oriented company.

Alexander Chepusov
Deputy General Director
for Development and Grid Connection

The Company's main objectives regarding grid connection for the near future are as follows:

- to provide high-quality service to applicants
- to ensure the availability of the power supply infrastructure in terms of grid connection for consumers
- to develop the power grid system.

Another important goal for Rosseti Kuban is to eliminate power grid restrictions.

These measures will enable the grid connection of new consumers and provide existing consumers with high-quality and reliable power supply.