

## Investment activities



Implementation of Rosseti Group's Investment Programme is the basis for reliable power supply and an important factor in the growth of Russia's economy.



### Key events of the year

#### Commissioning of new facilities in Moscow, the Amur and Belgorod Regions, and the Krasnodar Territory.

- A 500 kV switching point at Khimkombinat and 29.4 kilometres of transmission PTLs were built in the Far East to supply 301 MW from the grid to the Amur Gas Chemical Complex (a SIBUR company).
- An important project was completed in the Krasnodar Territory: the 110 kV Yasnaya substation, which is required to supply 44.1 MW power to the grid for the Labinskaya solar power plant of the Hevel Group of companies.

- In Moscow, the 220 kV Baskakovo power supply centre was opened after renovation, which provides power supply to the city sectors with a population of more than 1.5 million people.
- The 110 kV Sloboda substation in the Belgorod Region will provide power supply to Yeda Budushchego ('food of the future'), a plant protein-based food production facility (part of EFCO Group).

**Important: the Group traditionally celebrates the Power Engineer Day with the commissioning of a new power grid infrastructure: facilities vary in parameters, but all of them are modern, reliable and highly automated.**

#### Power supply measures for the Eastern Railway Range

The Rosseti Group is implementing a large-scale project to supply power to the Eastern Railway Range. In the last few decades, this is the biggest project pertaining to the power grid complex. At the first stage, more than 2,700 kilometres of 220 to 500 kV PTLs and 3,000 MVA of transformer capacity were commissioned.

The first stage was wrapped up with the construction of the 500 kV Nizhneangarskaya substation in Buryatia — this substation was among the three most powerful power supply centres in the Far East — and the construction of about 470 kilometres of the 500 kV Nizhneangarskaya–Ust-Kut PTL.

**Important: they are included in the Comprehensive Plan for the Modernisation and Expansion of Backbone Infrastructure approved by the Government of the Russian Federation.**

#### Upgrade of the main PTL feeding the fields of PJSC Surgutneftegas

Retrofitting of the 220 kV Polotskaya–Pachetlor PTL in the Khanty-Mansi Autonomous District was completed, boosting the reliability of the facility, which provides power supply to the Bystrinskoye and Severo-Surgutskoye oilfields.

**Important: the facility is involved in the power supply of the Surgut district with a population of over 520,000 people, as well as enterprises of PJSC Surgutneftegas.**

#### Increase in the development capacities of the Lebedinsky Mining and Processing Enterprise

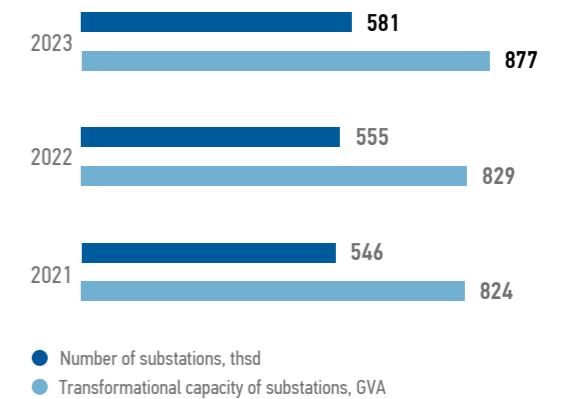
Upgrade of the relay protection and automation systems of three main power supply centres in the Belgorod Region was completed, which allowed increasing by almost 57% the volume of grid connections of the Lebedinsky MPE, one of the leading Russian iron ore producers.

**Important: the new equipment has high operational reliability, does not require constant attendance, and is controlled in an automated mode.**

## Key indicators

### In operation

#### Capacity and number of substations<sup>1</sup>



**345.2 RUB BLN**  
commissioning volume

#### Length of power transmission lines<sup>1</sup>, thsd km



### Investment Programme

#### Volume of commissioning, RUB bln



#### Funding of the Investment Programme, RUB bln



<sup>1</sup> Including leased facilities, as well as third-party outdoor switchgears and cells at substations.