

Environmental Protection

PJSC Rosseti recognises the need to actively contribute to the preservation of the environment and natural resources and strives to expand practices aimed at protecting and preserving ecosystems in line with the annually growing relevance and significance of environmental issues.

Although Rosseti’s activities do not involve a significant negative environmental impact, the Company pursues a comprehensive approach to identifying, assessing, and preventing environmental risks. One of the relevant tools utilised is the environmental management system, which has been swimmingly used in the Company since 2020. The system applies to the key activities of PJSC Rosseti, i.e., electric power transmission and distribution services, as well as grid connection to main power grids.

In 2023, environmental protection expenditures increased by 17% to RUB 824.5 million. This value includes the following types of expenditures: preservation of water resources and atmospheric air, and environmental protection from the negative impact of waste. However, it does not include payment for negative environmental impact and expenses for the installation of bird diverters (covered separately under the Biodiversity Conservation section).

Violation of environmental legislation and regulatory requirements

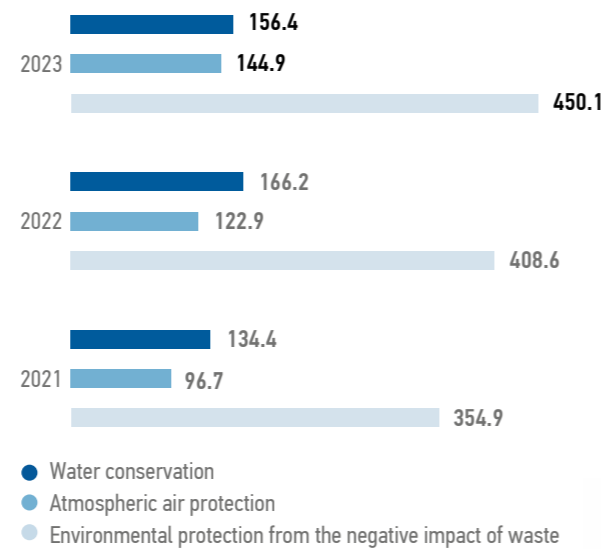
Year	2021	2022	2023
Total amount of fines, RUB (actually paid)	2,800,000	131,500	156,000
Number of issued improvement notices	19	4	14

In 2023, the environmental impact fee totalled RUB 10.4 million, which is 23% less than in 2022. The reduction is due to a decrease in payments for emissions of pollutants into the atmosphere.

In accordance with the Sustainable Development Policy, PJSC Rosseti’s main areas of environmental protection are as follows:

- Atmospheric air protection
- Waste management
- Rational use of water resources
- Rational land use
- Biodiversity conservation

Environmental protection expenditures, RUB mln



- Water conservation
- Atmospheric air protection
- Environmental protection from the negative impact of waste

In 2023, PJSC Rosseti had its environmental management system re-certified. Based on the results of an independent audit by the Russian Register Certification Association, the system was found to comply with the requirements of ISO 14001:2015 and its national analogue, GOST R ISO 14001-2016. The new certificate of compliance was issued for the period until December 2026.

Atmospheric air protection

PJSC Rosseti’s production activities result in emissions of pollutants into the atmosphere. The most significant sources of the Company’s emissions are stationary facilities, such as woodworking and metalworking machines, diesel generator sets, welding stations, and motor vehicles.

PJSC Rosseti regularly conducts inventory surveys of stationary sources of pollutant emissions.

In 2023, gross air pollutant emissions increased by 13%. This is due to the inventory survey at the facilities of JSC Mobile GTES. Also, the above growth accounts for air pollutant emissions from the sources of JSC RES and JSC Electromagistral.

Gross air pollutant emissions, t



The mass of pollutants emitted into the atmosphere is determined in accordance with the methods introduced by the Ministry of Natural Resources of the Russian Federation.

PJSC Rosseti runs continuous industrial monitoring in the field of air protection and implements measures to manage emissions and physical impact. Special attention is paid to the timely upgrade of equipment.

Indicator	2021	2022	2023
Gross emissions of harmful substances into the atmosphere, t, including:	1,381.90	2,249.9	2,599.00
Solid substances	115.10	119.1	300.00
Gaseous and liquid substances, including:	1,266.8	2,130.8	2,299.00
– Sulphur dioxide (SO ₂)	61.3	191.6	167.7
– Carbon oxide (CO)	599.5	850.1	786.5
– Nitrogen oxides (expressed as NO ₂)	244.2	665.7	568.3
– Hydrocarbons (without volatile organic compounds)	7.6	7.3	6.9
– Volatile organic compounds	332.7	390.8	415.7
– Other	21.5	25.2	353.9