

Energy assets

Nornickel operates its own energy assets, which are managed by the Energy Division and comprise four natural gas fields, three combined heat and power (CHP) plants, two hydropower plants (Ust-Khantayskaya HPP and Kureyskaya HPP), as well as gas pipelines and power lines. Electricity is generated from renewable (hydropower) and non-renewable (natural gas) sources.

Norilskgazprom, part of the Energy Division, produces gas and gas condensate from the Pelyatkinskoye, Yuzhno-Soleninskoye, and Severo-Soleninskoye gas condensate fields, as well as the Messoyakhskoye gas field.

Norilsktransgaz transports natural gas and gas condensate from fields to consumers. The string length of its gas and condensate pipelines totals 1,653 km.

Taimyr Fuel Company is a strategic supplier of light and heavy oil products to the Far North, performing important commercial and social functions, as well as exporting gas condensate to consumers. The company's

operations span vast areas of Russia, including the Norilsk Industrial District, the cities of Krasnoyarsk and Dudinka, the Murmansk Region, and the Zabaykalsky Territory. Taimyr Fuel Company supplies petroleum products to mining, exploration, and transport companies as well as municipal enterprises. Its key consumers are the Norilsk Nickel Group enterprises.

NTEC is an electricity and heat generation, transmission and distribution company. NTEC supplies electricity, heat, and water to Norilsk households, as well as to all industrial and commercial consumers in the Norilsk Industrial District. The local electricity grid is operationally and geographically isolated from the national grid (the Unified Energy System of Russia), which means stricter reliability requirements. NTEC operates five generating facilities: three thermal power plants with a total installed capacity of 1,154 MW and two hydropower plants with a total installed capacity of 1,102 MW. The total installed capacity of all plants is 2,256 MW.

Natural gas production

2,720 MCM

Gas condensate production

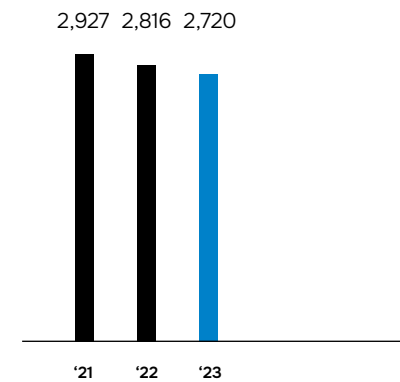
85 KT

Share of renewables across the Group

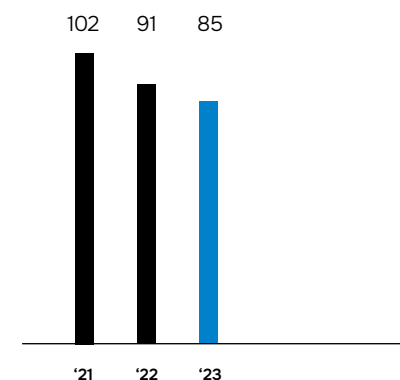
55%

Production volume¹

Natural gas, MCM



Gas condensate, KT



Ust-Khantayskaya and Kureyskaya HPPs are the Company's two renewable electricity generation facilities. In 2023, the share of renewables in total electricity generation stood at 55% for the Group and 58% for the Norilsk Industrial District.

For the Kola and Trans-Baikal Divisions, electricity is purchased in the wholesale electricity and capacity market (WECM). Harjavalta sources electricity from the Finnish electricity market.

The Company's investment programme includes a number of projects to boost the share of hydropower, capture fuel and energy savings, and improve the reliability of energy and gas supplies.

Start of production

1969

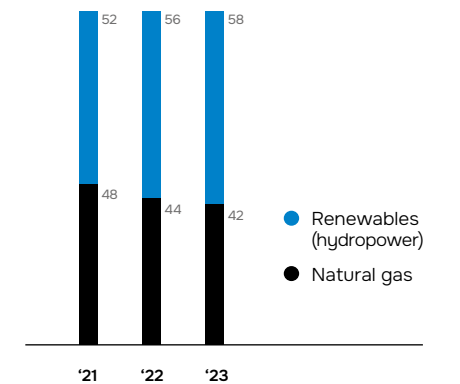
Gas reserves

245.4 BCM

Gas condensate reserves

4,527 KT

Power generation mix in the Norilsk Industrial District in 2023, %



The Company's key projects to improve equipment reliability and energy efficiency and to boost output include:

- ✓ A contractor was selected through a tender process to drill five wells at well pad No. 4 of the Pelyatkinskoye gas condensate field.
- ✓ Construction and installation were completed for a booster compressor station at the Severo-Soleninskoye gas condensate field, with the station now at the equipment setup and pre-commissioning stage.
- ✓ The bulk of construction and installation works was completed as part of retrofitting a gas pipeline's underwater crossing of the Bolshaya Kheta River; stage one of retrofitting the Tukhard-Messoyakha-Yuzhno-Soleninskoye-Severo-Soleninskoye methanol pipeline was completed.
- ✓ The core generating equipment of Unit No. 2 at NTEC's CHPP-2 was installed. The new Unit No. 1 was commissioned.
- ✓ As part of revamping NTEC's emergency diesel fuel tanks, three tanks at CHPP-1 and CHPP-2 were installed, and the installation of a tank at CHPP-3 is nearing completion.
- ✓ As part of a project to upgrade the Norilsk, Kayerkan, and Dudinka tank farms operated by Taimyr Fuel Company, a construction and installation contractor was selected through a tender process for the Norilsk and Kayerkan tank farms.
- ✓ Under the programme to build local treatment facilities, LTF No. 94 was put into operation.

¹ Gas condensate production figures include production losses (carryover with separation gas).