

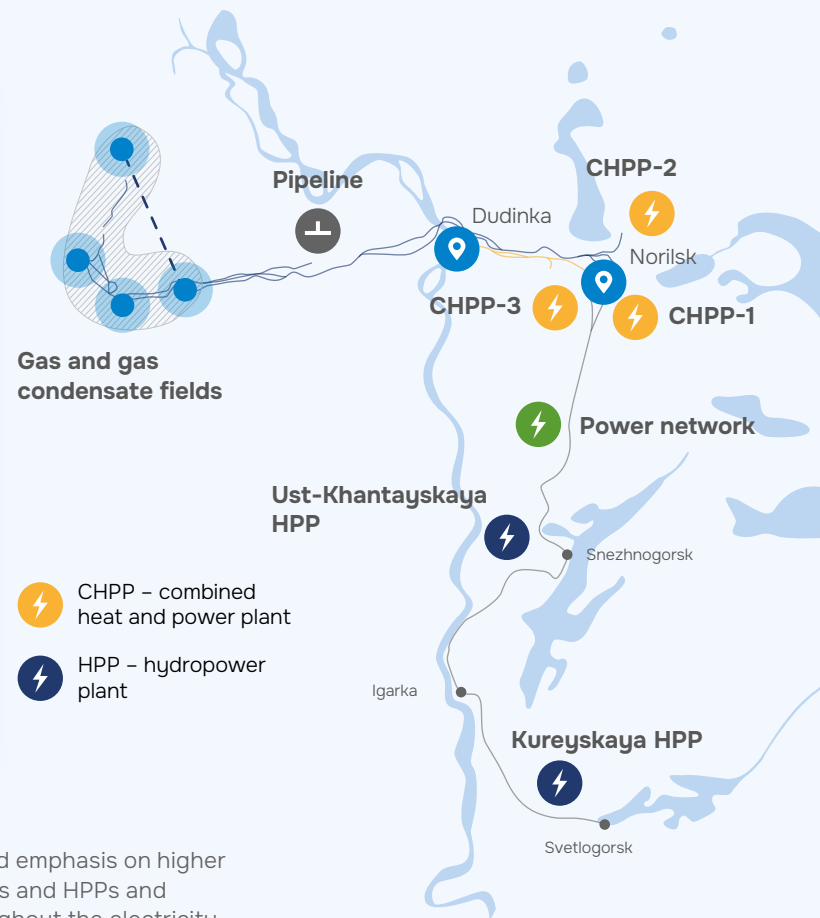
Energy infrastructure upgrade programme

Programme goal: renovate generation facilities and energy grid infrastructure to ensure reliable supply of all types of energy to consumers in the Norilsk Industrial District.

Gas and gas condensate exploration, production, and transportation

- ✓ Drilling of five new gas wells at the Pelyatkinskoye gas condensate field.
- ✓ In 2023, the bulk of construction and installation works was completed as part of retrofitting a gas pipeline's underwater crossing of the Bolshaya Kheta River.
- ✓ In 2023, stage one of retrofitting the Tukhard–Messoyakha–Yuzhno–Soleninskoye–Severo–Soleninskoye methanol pipeline was completed.
- ✓ In 2023, at the Severo-Soleninskoye gas condensate field, construction and installation of a booster compressor station were completed, with the station now at the pre-commissioning stage.

Energy infrastructure



Contribution to energy efficiency: reinforced emphasis on higher output of the new generating units at CHPPs and HPPs and comprehensive energy loss reduction throughout the electricity value chain.

Combined heat and power plants

Revamps of Units Nos. 1 and 2 at NTEC's CHPP-2. The new Unit No. 1 was commissioned.

The core equipment of Unit No. 2 of CHPP-2 was completely installed in 2023 and is scheduled for commissioning in 2024.

Also in 2023, three tanks at CHPP-1 and CHPP-2 were installed, and the installation of a tank at CHPP-3 is nearing completion.

Logistics Infrastructure Development Programme

Programme rationale

Growing eastbound shipments of construction equipment and raw materials as the investment programme is entering its active phase, and growing westbound shipments of intermediate products as projects move to the post-investment phase

Accelerated pace of production equipment upgrades

Expansion of Northern Sea Route operations and increased freight volumes for major investment projects of other players using the route in the Russian Arctic

The Company owns Dudinka Port, which is Taimyr's main cargo gateway with no reasonable alternative

