



Own gas-powered generation for mining



Executive Summary

Contract value: USD 5.3 million



- 44 gas-piston units (GPU) + 44 automatic oil refill systems for USD 5.3 million
- Total effective operating capacity: 14.08 MW, with a total installed capacity of 17.6 MW
- Effective tariff for generated electricity: 0,05 USD/kWh
- Gas field resource: over 30 years
- Placement and ongoing maintenance are included in the tariff



Problem

Shortage of accessible electrical power

High grid electricity tariffs

Limited available capacities

Hosting providers have unstable business models

Energy dependence on third-party suppliers

Limited opportunities for scaling

Unpredictable long-term operating conditions



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Solution

Full autonomy from the power grid

Minimal electricity production cost

Direct access to natural gas

Predictable and controlled operating expenses

Scalable infrastructure

High level of control over all critical systems

Maximized mining profitability

Equipment (GPU – Gas Piston Unit)

400 kW nominal (nameplate) capacity

320 kW effective operating capacity
(approx. supports up to 90 units of Antminer
Bitmain L7 9500Mh)

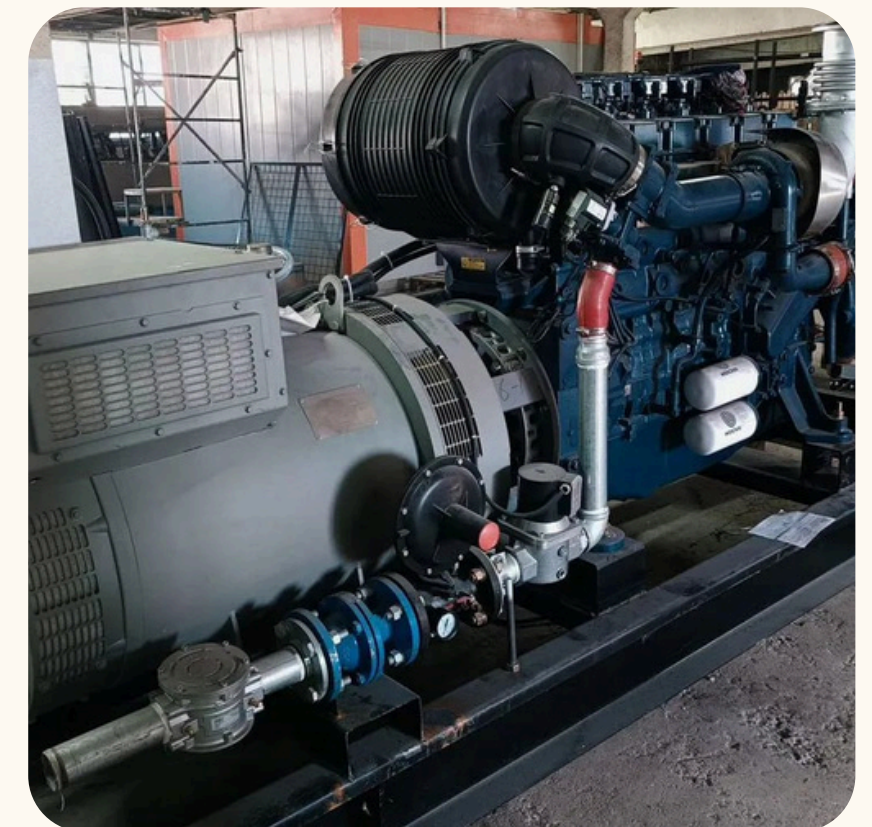
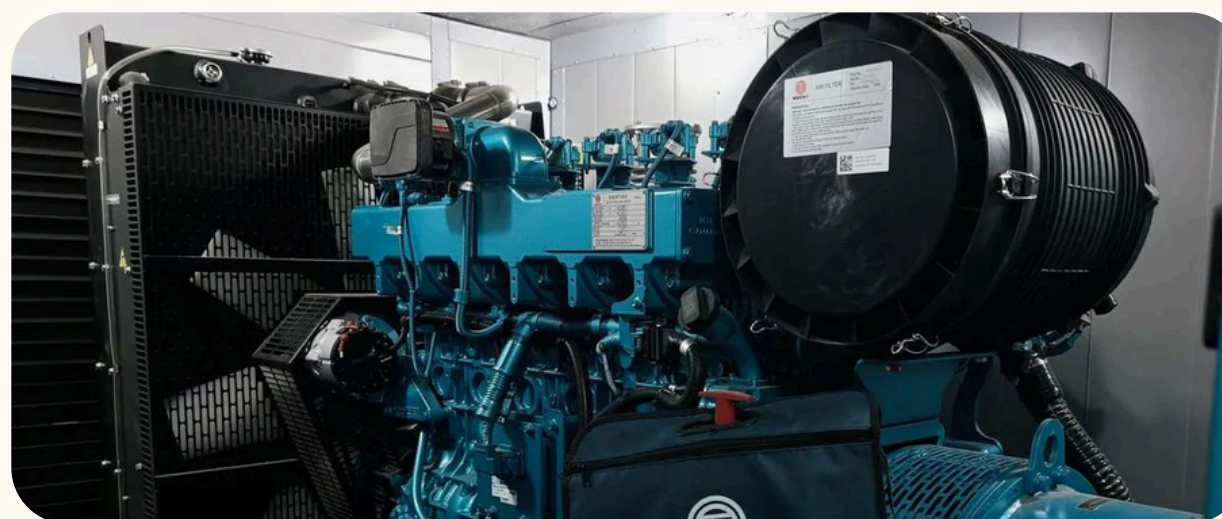
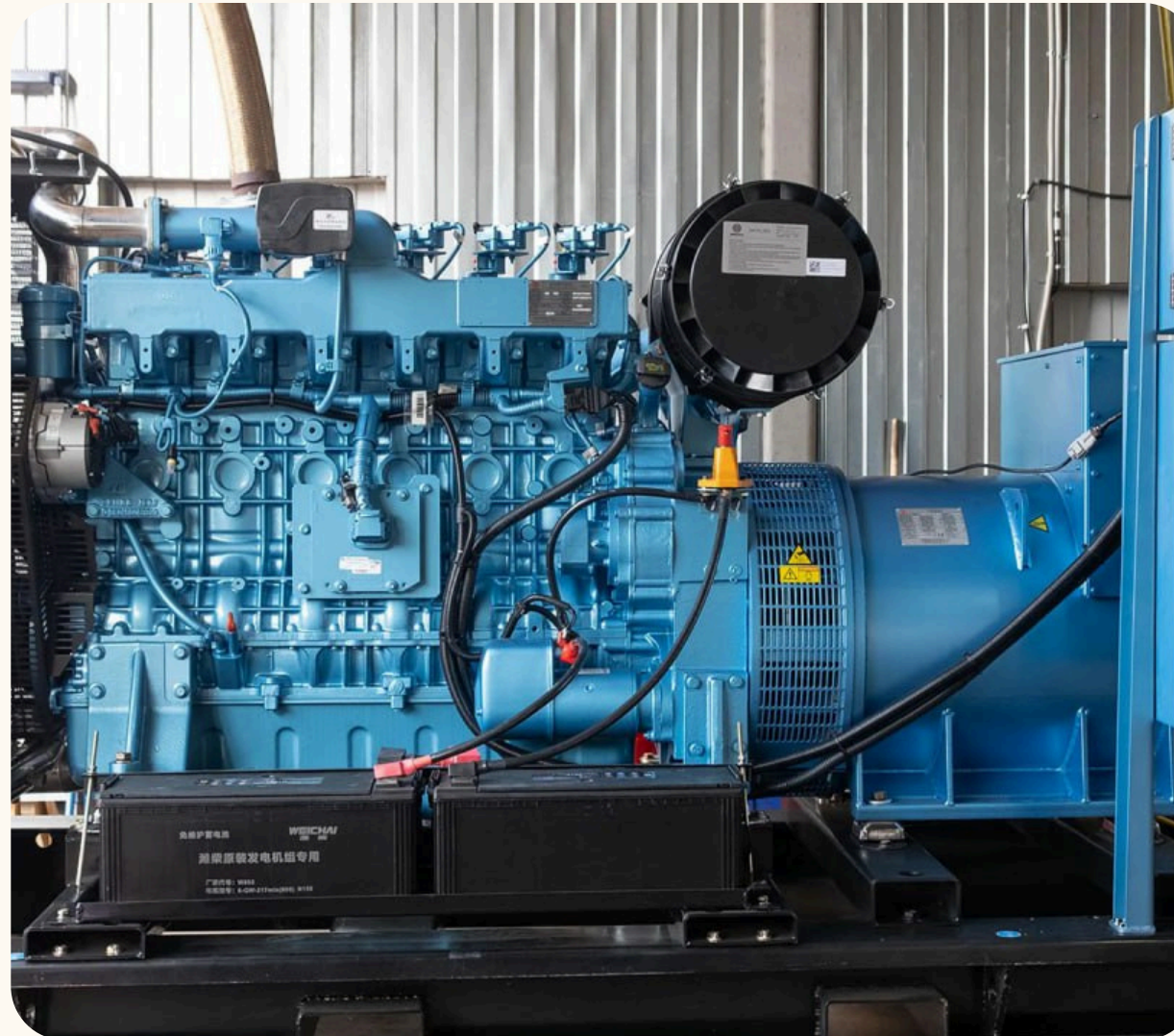
The GPU operates at 320 kW (80% of its nominal capacity) because, just like an automobile engine, it cannot run at peak power continuously without accelerated wear.

Operating in an optimal load range ensures stability, efficiency, and long-term durability.

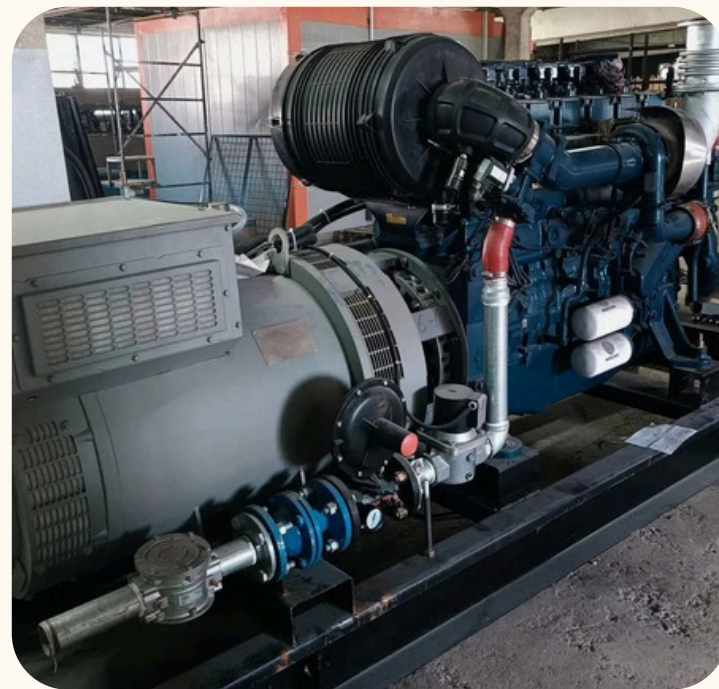
Low fuel consumption (from 0.27 m³/kWh)

Factory-rated operational resource before major overhaul: 5 years

Maintenance interval: up to 2,000 operating hours



Project Infrastructure ...



Operator-provided containers

Client-owned ASIC equipment

Equipment maintenance and monitoring

24/7 technical support

Stable internet connectivity

Guarded facility

Land plot for equipment placement owned by the operator

Secure and protected infrastructure

Gas Field and Fuel Supply

- 24 gas wells owned by the operator
- Cost of purified and conditioned gas: 0,09 USD/m³
- Gas price indexation regulated by the Federal Antimonopoly Service (FAS)
- Gas field reserves exceeding 30 years
- Official production with full documentation: certificates for the field and gas quality are provided

Required Agreements

GPU Supply Agreement

This agreement defines all terms, timelines, and procedures related to the purchase, production, delivery, and commissioning of the gas-piston units (GPUs). It regulates manufacturing deadlines, payment schedules, logistics, and acceptance procedures.

GPU Lease Agreement (Buyer as Lessor)

After purchasing the GPUs, the buyer leases the equipment to the operator.

This agreement regulates responsibility for operation, maintenance, performance, and preservation of the equipment.

The operator assumes full operational and physical responsibility for the leased GPUs.

Power Supply Agreement

This document specifies the terms under which the operator supplies electricity generated by the leased GPUs to the client's mining equipment.

It defines the effective electricity tariff, billing procedures, consumption reporting, and operational obligations.

Mining Equipment Hosting Agreement

This agreement covers the placement of the client's ASIC miners at the operator's facility.

It regulates hosting conditions, infrastructure access, uptime standards, security measures, internet connectivity, monitoring, and technical support.

The GPUs become the property of the buyer and are used to generate electricity.

Our company operates fully in compliance with the law.

We possess all required permits, licenses, contracts, invoices, and supporting documentation.

All equipment has been legally imported, customs-cleared in the Russian Federation, and holds a fully valid legal status in Russia.

We maintain full legal transparency in all operational and financial processes.

Our company strictly follows Russian regulatory requirements and provides complete documentation for every stage of cooperation, including equipment ownership, hosting, power supply, and financial transactions.