



Business model

Capitals



Operation model



FINANCIAL CAPITAL

Efficient use and management of equity and debt capital.

16 /354



PRODUCTION CAPITAL

Development and expansion of generating capacities and energy infrastructure.



HUMAN CAPITAL

Staffing of the best industry professionals and an efficient and fair personnel policy.

The total installed capacity of Samruk-Energy JSC power plants is

25.5% of the total installed capacity of power plants of the Republic of Kazakhstan

790 MW
HPP

5,328 MW
TPP



MINING AND SALE OF COAL

42.93 million tons
coal production volume

32.72 million tons
sold on the domestic market

9.77 million tons
exported to Russia

38.1%
of total coal production in Kazakhstan

62%
of the total volume of coal produced in the Ekibastuz coal basin



ELECTRICITY GENERATION

35.33 billion kWh
volume of electricity production

31.3%
in the total volume of electricity production in Kazakhstan

554.4 million kWh
volume of electricity production by RES facilities

Installed capacity of the enterprises of the Group of Companies Samruk-Energy JSC

6,275.1 MW

157.1 MW

RES (Cascade of HPPs, SPP and WPP)



ELECTRICITY TRANSMISSION AND DISTRIBUTION

9,954.07 MW

capacity of substations

30,388.63 km

length of 220-0.4 kV overhead and cable transmission lines

7,230 substations

8,686 million kWh

electricity transmission volumes



SALE OF HEAT AND ELECTRICITY

34.7 billion kWh

of electricity sold

576.8 million kWh

of electricity exported to the Kyrgyz Republic

5.58 million Gcal

volume of heat energy supply by APP JSC

Impact

FINANCIAL IMPACT

43.08 billion KZT

annual profit attributable to the shareholders of the Group of companies of Samruk-Energy JSC

92.8 billion KZT

operating profit

1.71

debt/EBITDA (ratio)

ENVIRONMENTAL IMPACT

4.4 billion KZT

Environmental protection costs

8.4 billion KZT

environmental payments

2.8 KZT billion

reserve for environmental liabilities

ECONOMIC IMPACT

54.1 billion KZT

taxes

2.041 billion KZT

dividends

14.476 billion KZT

remuneration on loans

705.6 billion KZT

amount of goods and services purchased from domestic suppliers

Strategic goals of Samruk-Energy JSC



Reduction of net carbon footprint with measures and offset carbon units by 2060 — 100%



13-fold increase in the volume of clean electricity compared to 2021 by 2060



Greening of the territory (Forest-climatic projects) by 2060 — 1,800 ha

Key indicators of the Business Plan of Samruk-Energy JSC

Name			Fact	Forecast	
	2021	2022	2023	2024	2025
Tier 1 Strategic KPIs for PCs					
Tier 1 strategic and analytical KPIs for PCs					
Net income, million KZT	15,046	30,132	43,080	79,330	92,081
Debt/EBITDA (ratio)	2.41	1.90	1.71	2.62	4.00
ROACE, %	4.23	5.90	6.45	8.92	7.69
Net asset value (NAV), million KZT	412,899	442,753	485,969	549,723	641,450
ROI, coefficient	-	-12%	-		
FCF**, KZT billion		42.2	37.0	4.6	27.8
ESG rating**, score		-	24.1	-1	-1
Net carbon footprint reduction**, %		-3%	-1%***	1%	3%
Share of in-country value in goods purchases**, %		-	66%	75%	-
Share of in-country value in procurement of works and services **, %		-	92%	94.0%	-
Leadership Behavioral Safety Audit**		6,274	7,186	5,300	5400
Industry KPIs					
Electricity market share in Kazakhstan	31.11%	31.79%	31.31%	31.90%	31.74%
LTIFR	0.19	0.30	0.33	0.27	0.26
Key national indicators					
Labor productivity, thousand KZT/person	35,700*	13,273	14,872	63,086	68,615
Investments in fixed capital, thousand KZT	61,698	100,580	132,146	272,700	754,354
Volume of electricity generation from renewable energy sources, thousand kWh	165,048	417,371	554,379	571,017	570,987
Gross inflow of foreign direct investment, billion USD	0.006	0.043	0.014	0.356	0.526

* according to the 2021 methodology.

** KPI data introduced in 2023.

*** estimated value equal to the plan is indicated. The actual value is calculated after receiving verified greenhouse gas inventory reports (according to the Environmental Code of the Republic of Kazakhstan, by April 1 for the previous calendar year).