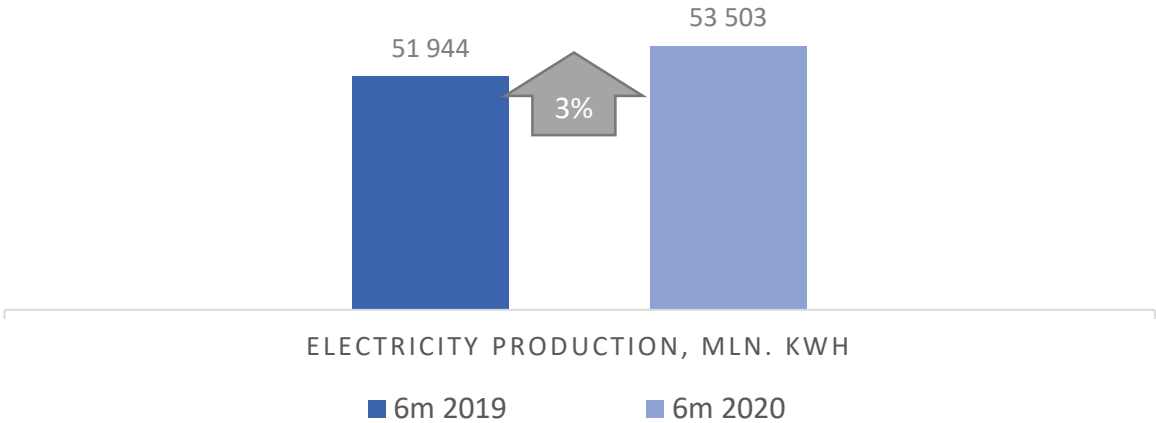




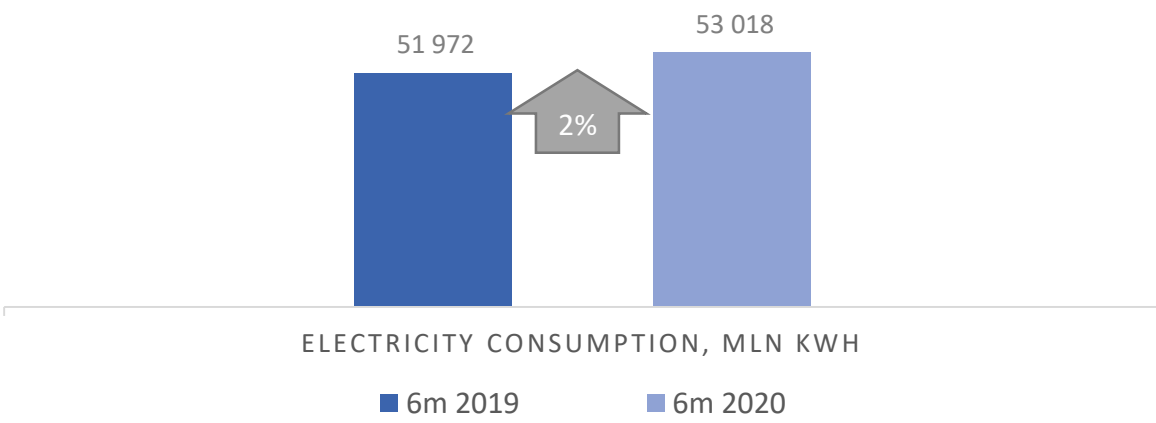
Samruk-Energy results for 6 months of 2020

Nur-Sultan, 2020

ELECTRICITY PRODUCTION IN KAZAKHSTAN ON THE WHOLE



ELECTRICITY CONSUMPTION IN KAZAKHSTAN ON THE WHOLE

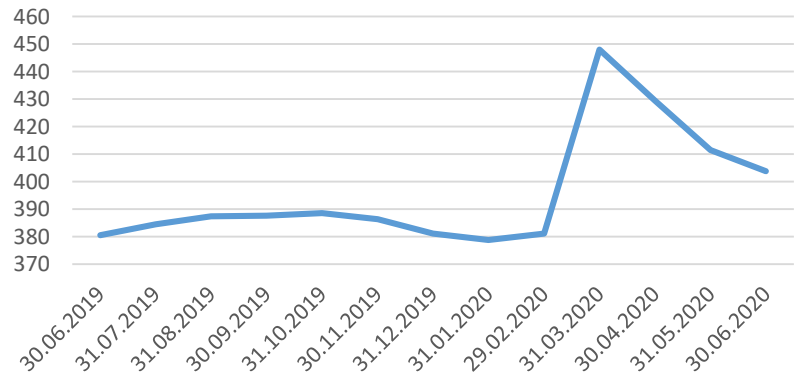


	30.06.2019	30.06.2020	%
KZT/USD	380,53	403,83	106%

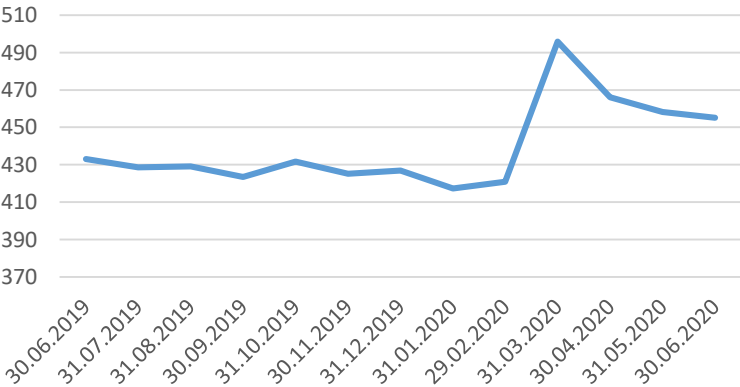
	30.06.2019	30.06.2020	%
KZT/EUR	433,08	455,12	105%

	30.06.2019	30.06.2020	%
KZT/RUB	6,04	5,77	96%

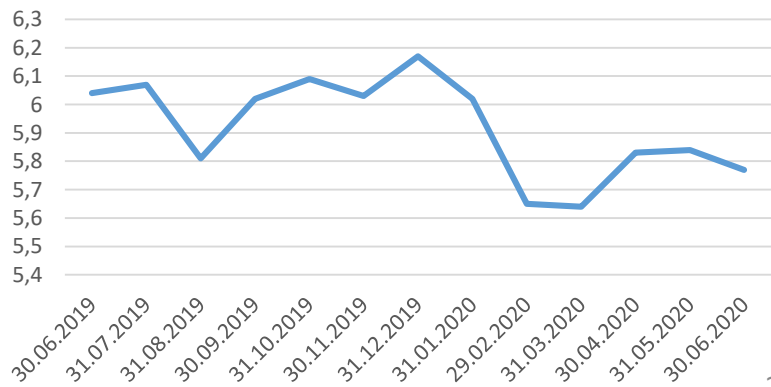
KZT/USD



KZT/EUR



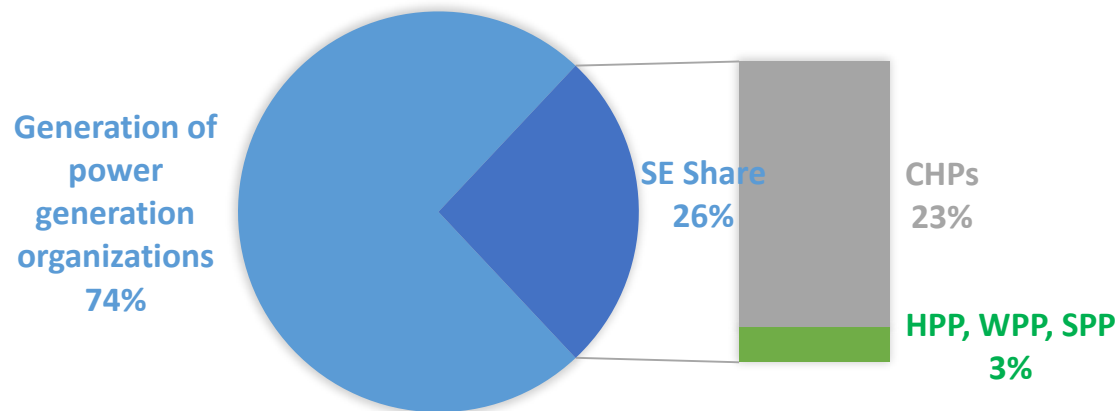
KZT/RUB



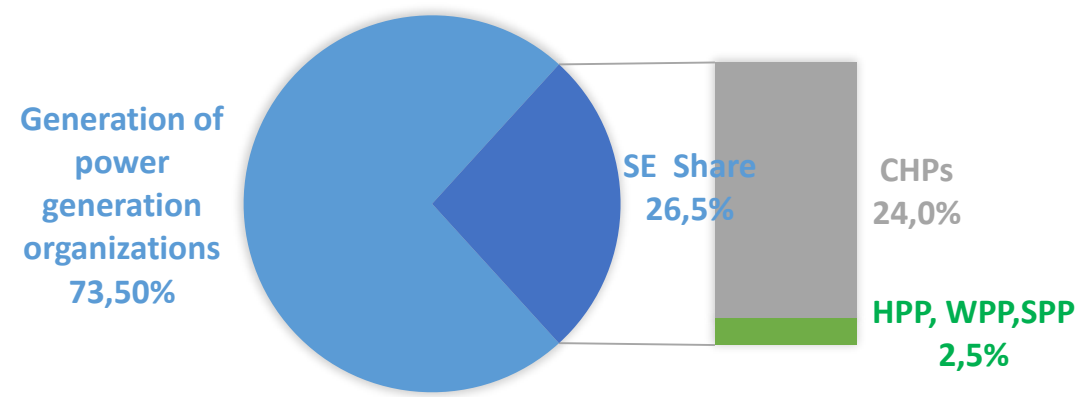
Significant events and changes in business (I)

Date	Event
January 01, 2020	For subsidiaries and affiliates implementing large-scale investment programs with the attraction of borrowed funds in 2019, Investment agreements were concluded with the Ministry of Energy of the Republic of Kazakhstan and individual tariffs for capacity were approved. -For JSC "AIES" and JSC "MGES" tariffs were introduced from 01.01.2020, and for JSC "SharGES" tariffs were introduced from 01.03.2020.
January 30, 2020	In accordance with the Rules for Admission to the Consideration of Investment Programs (Order of the Ministry of Energy of November 28, 2017 No. 416), in order to conclude an investment agreement for the project "Restoration of power unit No. 1 with a capacity of 500 MW", EGRES-1 sent a corresponding investment program for consideration to the Market Council. A positive recommendation from the Market Council was received for further consideration of the investment program in the authorized body
May 21, 2020	Amendments have been made to the order of the Minister of Energy of the Republic of Kazakhstan dated March 2, 2015 No. 164 "On approval of the Rules for the centralized purchase and sale by Financial Settlement center of renewable energy, recalculation and redistribution by Financial Settlement center of the corresponding share of electrical energy to qualified conditional consumer based on the results of the calendar year "(hereinafter referred to as the Rules). The changes will allow renewable energy facilities to extend once the terms specified in subparagraphs 1) and 2) of paragraph 106 of the Rules for a period not exceeding 1 calendar year, according to the request of the Applicant (in any form), as part of the exclusion of default on obligations to RFC LLP.
May 22, 2020	By the Order of the Minister of Energy of the Republic of Kazakhstan dated May 22, 2020 No. 205, a new "Methodology for determining the fixed profit taken into account when approving the maximum tariffs for electricity, as well as the fixed profit for balancing taken into account when approving the maximum tariffs for balancing electricity" was approved. The methodology provides for a "transition period", during which the fixed profit is calculated based on the cost of generating electricity in 2019 and is set at 11.79%. A full transition to RAB-regulation will take place from 01.01.2021.
June 17, 2020	Changes were made to the order of the Minister of Energy of the Republic of Kazakhstan dated November 28, 2017 No. 416 "On approval of the Rules for admission to consideration, consideration and selection of investment programs ...", according to which the allowable volume of investments under investment agreements was increased from 10% to 30% (in in kind from 10 to 30 billion tenge), which contributes to the inflow of investments into the industry for modernization, expansion, reconstruction and (or) renewal of generating capacities.
June 26, 2020	The international rating agency Fitch Ratings has affirmed the Company's long-term credit ratings in foreign and national currencies at "BB", forecast "Stable"; short-term foreign currency credit rating at "B"; national long-term rating at "A + (kaz)", forecast "Stable". The agency also upgraded the credit rating of the Company on an independent basis from "B" to "B +", the priority unsecured ratings of the Company in foreign and national currency from "BB-" to "BB" and the national priority unsecured rating from "A- (kaz)" to "A + (kaz)".
June 29, 2020	The Ministry of Energy of the Republic of Kazakhstan has published the maximum tariffs for electricity for stations with commissioning from 01.07. For subsidiaries and dependent companies of JSC "EGRES-2" and JSC "AIES" the tariffs were approved with an increase of 18%. For LLP "EGRES-1" the tariff growth was 0.7%. For JSC "MHES" the tariff is kept at the current level. For SharGES JSC the tariff was reduced by 7.1%. Taking into account the growth of marginal tariffs at stations, subsidiaries and dependent companies - LLP "Almatyenergosbyt" 07/24/2020 submitted to DKREM a notification application for approval of an increase in the electricity tariff from September 1, 2020. The projected tariff is 19.38 tenge / kWh (with an increase to the current one by 13.2%).
6 months of 2020	Following the results of 6 months of 2020, credit limits in second-tier banks in the group of companies of Samruk-Energo JSC in order to replenish working capital were increased by 10.0 billion tenge. The total amount of credit limits for the 6 months of 2020 for the group of companies is 223.5 billion tenge, while the total amount of availability by credit limits is 157.7 billion tenge or 70.5%.
June 30, 2020	JSC "AZhK", due to the expiration of the approved maximum tariffs for the transmission and distribution of electricity, an application was sent to DKREM in Almaty and Almaty region for approval of maximum long-term tariffs for the period from 2021-2025. The projected tariff level for 2021 amounted to 9.31 tenge / kWh, with an increase to the current one by 56%. DKREM accepted the application for consideration.

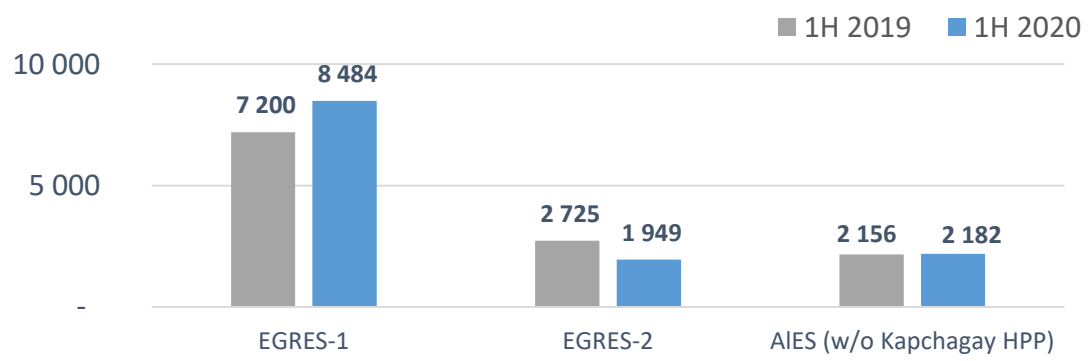
***SAMRUK-ENERGY SHARE IN TOTAL ELECTRICITY GENERATION IN RK FOR 1H 2019**



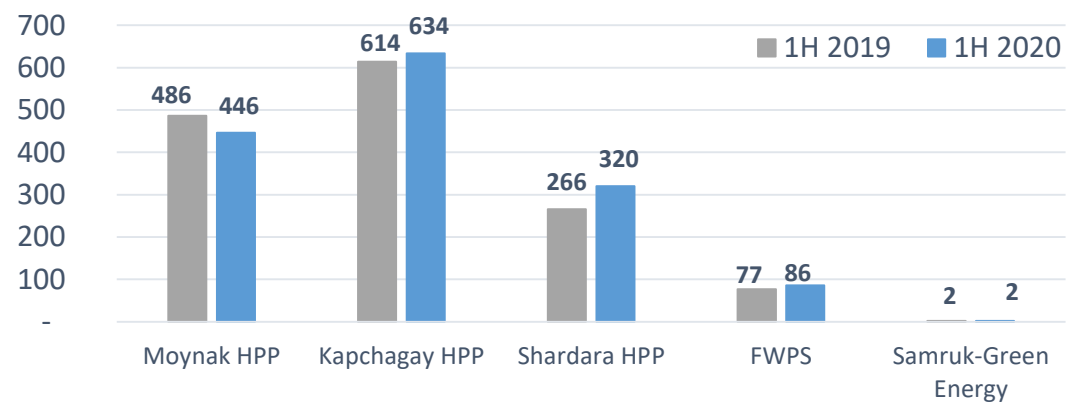
***SAMRUK-ENERGY SHARE IN TOTAL ELECTRICITY GENERATION IN RK FOR 1H 2020**



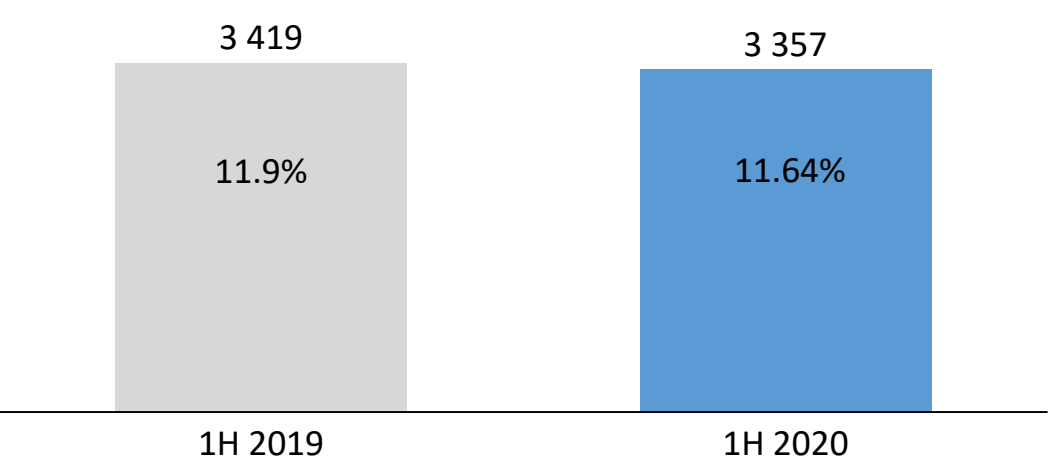
Electricity generation volume (mln. kWh) by CHPs



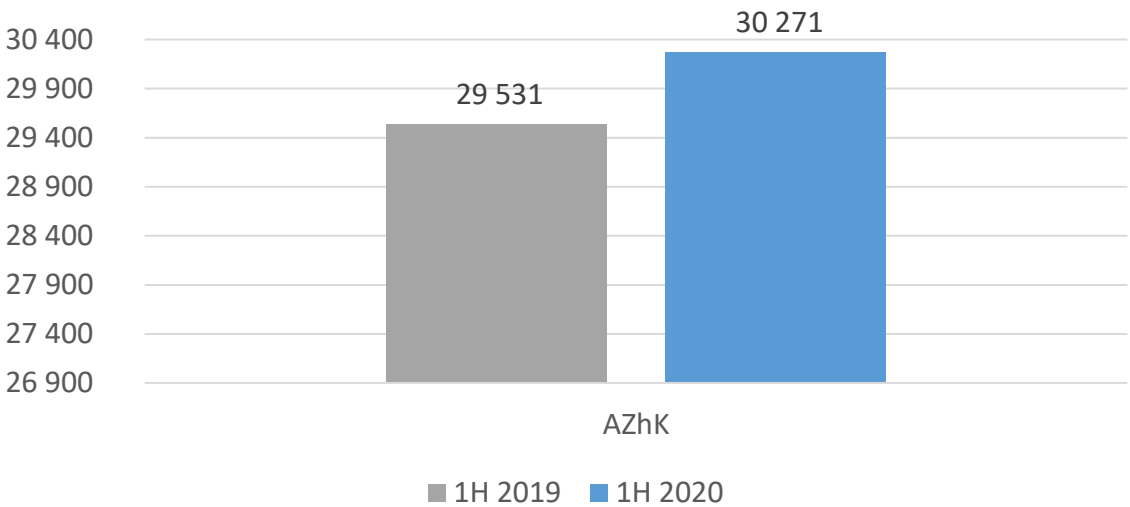
Electricity generation volume (mln. kWh) by HPP, WPP, SPP



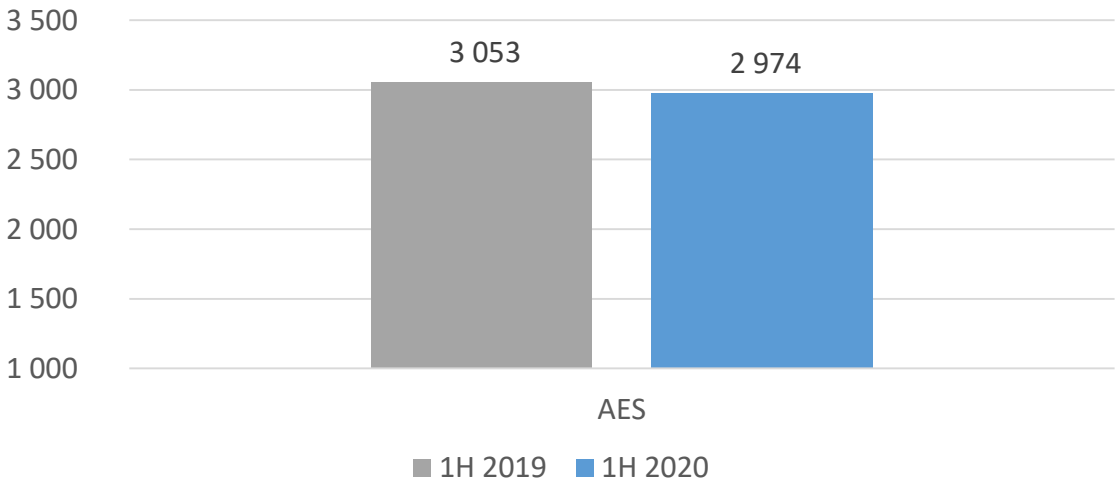
Electricity transmission volumes (mln. kW.h) and losses in grids (%)



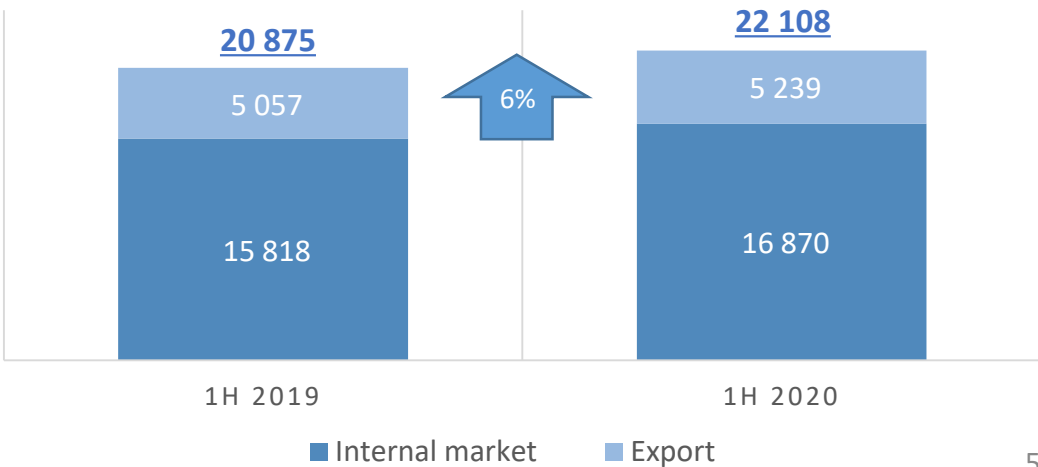
Length of power lines (km)



Electricity sales volume by power supply organizations, mln kWh

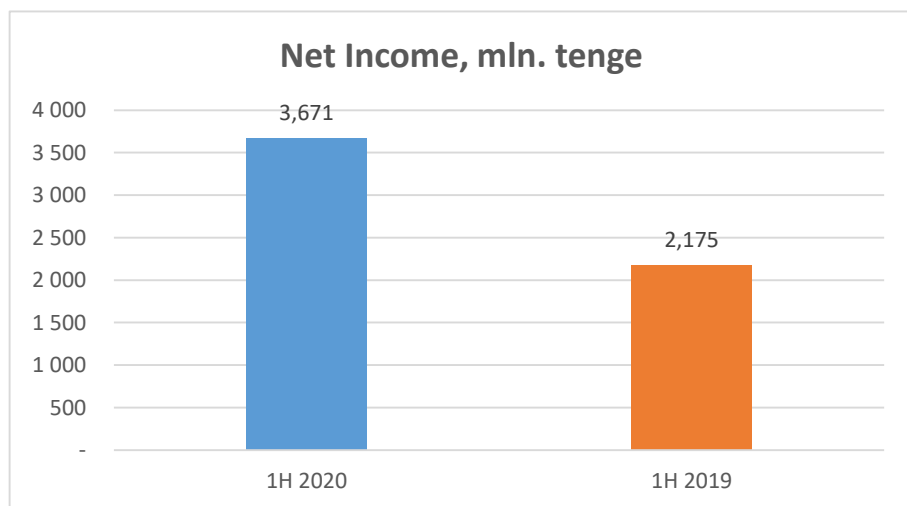


BOGATYR KOMIR COAL SALES, (THS. TONNS)



Significant changes in the Profit and Loss Statement

In KZT million	1H 2020	1H 2019	Change	%	In KZT million	1H 2020	1H 2019	Change	%
Continuing activities					Financing revenue	1,093	1,366	(273)	-20%
① Revenue	134,770	109,545	25,226	23%	Financing costs	(15,736)	(16,614)	878	-5% ⑥
② COGS	(103,361)	(89,836)	(13,524)	15%	Other nonoperation profit/loss	616	619	(3)	0%
Gross profit	31,410	19,708	11 701	59%	Loss from impairment, net	(3,331)	650	(3,981)	-612% ⑦
③ General and administrative costs	(8,347)	(5,550)	(2,798)	50%	Share in profits of JVs and associates, net	5,775	6,809	(1,034)	-15% ⑧
④ Selling costs	(4,782)	(2,310)	(2,472)	107%	FX profit/loss, net	233	118	115	98%
⑤ Operating profit	18,281	11,849	6,432	54%	Profit/(loss) before income taxes	6,931	4,797	2,134	44%
					Income tax expense	(3,260)	(2,478)	(781)	32%
					Net income from continuing operations	3,671	2,318	1,353	58%
					Profit (loss) from discontinued operations	-	(143)	143	-100%
					Net income for the period	3,671	2,175	1,496	69%
					Net income for:				
					Shareholder of the parent company	3,739	2,043	1,696	83%
					Non-controlling interest	(68)	132	(200)	-152%
						3,671	2,175	1,496	69%

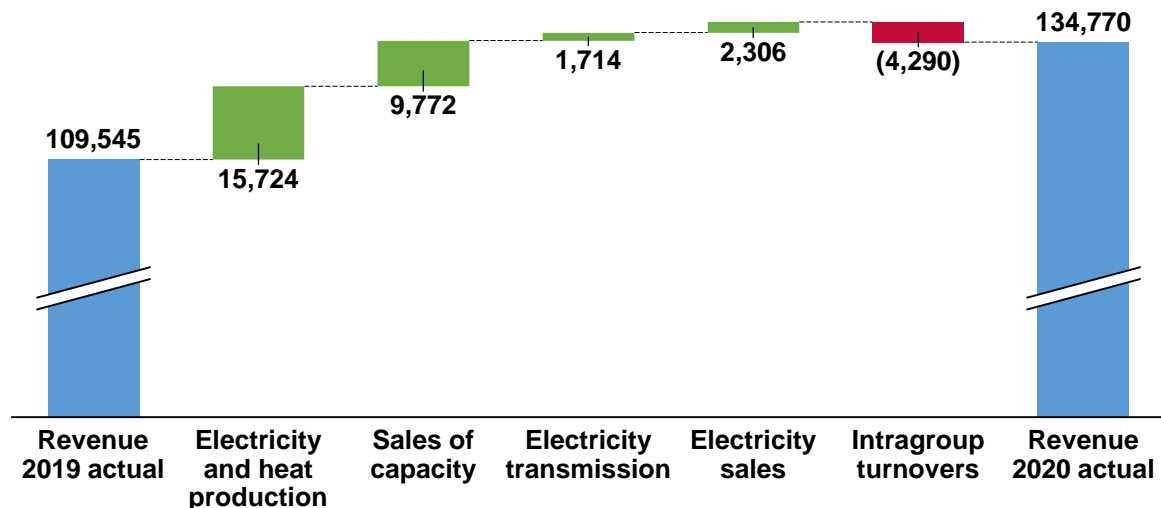


Comments:

- ① The main factors of revenue change are indicated in slide #7;
- ② ③ ⑤ The change in COGS, G&A costs and operating profit is detailed on slide #8;
- ④ The change is mainly due to an increase in electricity transmission services as a result of an increase in the export of electricity from GRES-1 compared to the first half of 2019 (1H 2019 - 4 mln kWh, in 1H 2020 - 459 mln kWh);
- ⑥ Decrease mainly due to debt reduction.
- ⑦ Increase due to the recognition of impairment in the amount of 3.1 bln tenge for TM, MM and 0.3 bln tenge for FWPS;
- ⑧ The decrease in the share of profit in the joint venture is described on slide #9.

ANALYSIS OF REVENUE DEVIATION FOR 1 HALF OF 2020 COMPARED TO THE SAME PERIOD OF 2019

Revenues for 1 half of 2020 amounted to 134,770 mln KZT, an increase compared to the same period of 2019 is amounted to 25,226 mln KZT or 23%.



MAIN FACTORS OF REVENUE CHANGES :

Production of electricity and heat energy :

↑ +10,584 mln KZT	volumes of sales of electricity and heat	↑ +5,139 mln KZT	tariffs for electricity and heat
↑ +3,941 mln KZT	Sales volume of capacity	↑ +5,831 mln KZT	capacity tariffs

Transmission and distribution of electricity :

↓ -334 mln KZT	electricity transmission volumes	↑ +2,047 mln KZT	electricity transmission tariffs
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Electricity sales:

↓ -1,264 mln KZT	volumes of electricity sales	↑ +3,571 mln KZT	electricity sales tariffs
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Влияние ВГО:

↓ -4,290 Mln KZT	Intragroup turnovers
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The main changes occurred in the following types of revenue:

+10,584 mln KZT – increase in revenue due to the growth volumes of sales of electricity and heat energy on EPO:

- **GRES-1** by 9,291 mln KZT. Increase was due to growth in electricity volumes in the Republic of Kazakhstan by 875 mln kWh and export volumes by 455 mln kWh respectively, as well as due to an increase in heat by 30.2 thous Gcal;
- **AIES** by 1,060 mln KZT. Increase occurred as a result of an increase in sales of electricity by 70 mln kWh, as well as due to an increase in heat by 142,7 thous Gcal;
- **SharGES** by 194 mln KZT. Increase in electricity sales due to the commissioning of hydraulic unit No. 3 (+60 mln kWh);
- **FWPS** by 257 mln KZT. Growth in sales of electricity due to increase in wind speed (+9 mln kWh);
- **SGE** by 16 mln KZT. Increase in electricity sales by 0.3 mln kWh;
- **MGES** by (252) mln KZT. Decrease in volumes of sales of electricity due to a decrease in inflow on the Charyn River (-35 mln kWh).

+5,139 mln KZT – increase in revenue due to changes in tariffs for EPO

- **MGES** by 2,189 mln KZT. Increase in the electricity tariff by 68% compared to the same period in 2019 (from 7.14 to 11.99 KZT/kWh);
- **SharGES** by 1,781 mln KZT. Electricity tariff increase by 168% compared to the same period in 2019 (from 3.25 to 8.72 KZT/kWh);
- **AIES** by 1,222 mln KZT. Increase in the electricity tariff by 4% occurred in comparison with the same period in 2019 (from 8.33 to 8.70 KZT/kWh) and an increase in the tariff for heat by 3% compared with the same period in 2019 (from 3,345.49 up to 3,454.01 KZT/Gcal);
- **FWPS** by 136 mln KZT. Increase in tariff from 30.03 to 31.62 KZT/kWh (increase by 5%) is associated with the indexation of tariffs for renewable energy sources;
- **SGE** by 12 mln KZT. Increase in tariff from 47.86 to 53.66 KZT/kWh (increase by 12%).
- **GRES-1** by (201) mln KZT. Decrease due to a reduction in the electricity tariff in the domestic market by 1% and the heat tariff by 39%;

+3,941 mln KZT – increase in revenue due to the growth in the volume of sales of capacity at EPO:

- **GRES-1** by 3,718 mln KZT. Increased capacity maintenance services from 501 to 1,551 MW;
- **MGES** by 95 mln KZT. Increase capacity maintenance services from 270 to 297 MW;
- **AIES** by 132 mln KZT. Increased capacity maintenance services from 812 to 849 MW;
- **SharGES** by (4) mln KZT. Decrease in the volume of capacity maintenance services due to the lack of sales in January-February 2020 (sales are started from 01.03.2020).

+5,831 mln KZT – increase in revenue due to changes in tariffs for capacity on EPO:

- **AIES** by 1,492 mln KZT. Increase as a result of obtaining an individual tariff for boiler No. 8 (70 MW at a tariff of 4,169 thousand KZT/MW * month);
- **MGES** by 3,517 mln KZT. Increase as a result of obtaining an individual capacity tariff (increase from 590 to 2,564 thousand KZT/MW * month).
- **SharGES** by 821 mln KZT. Increase as a result of obtaining an individual capacity tariff (increase from 590 to 4,069 thousand KZT/MW * month).

+1,714 mln KZT – increase in revenue due to a reduction in the tariff for the transmission of electricity to REC (AZhK):

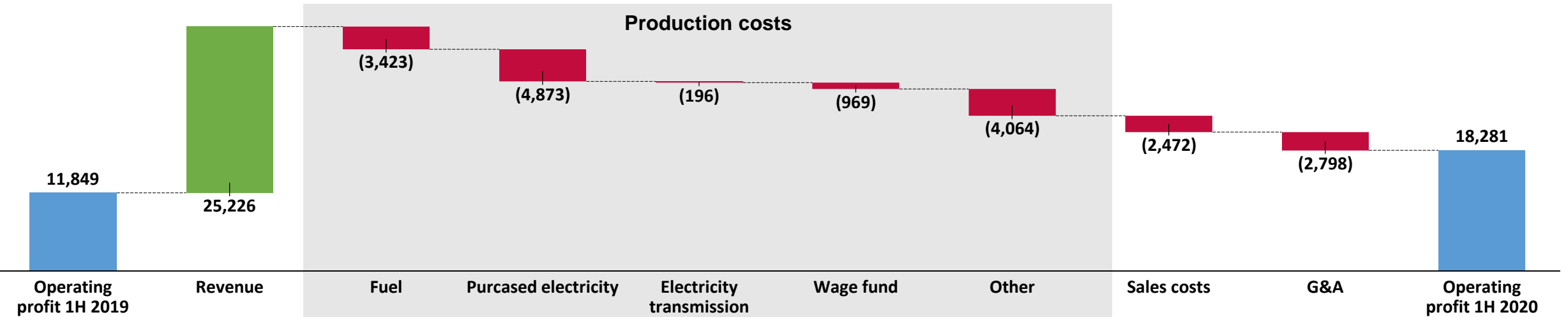
+2,047 mln KZT. Increase in tariff from 5.34 KZT/kWh to 5.95 KZT/kWh (11% increase);
 (334) mln KZT. Decrease due to the reduction in the transmission volumes of electricity by 2%.

+2,306 mln KZT – increase in revenue due to an increase in the volume of sales of electricity at the ESO (AES):

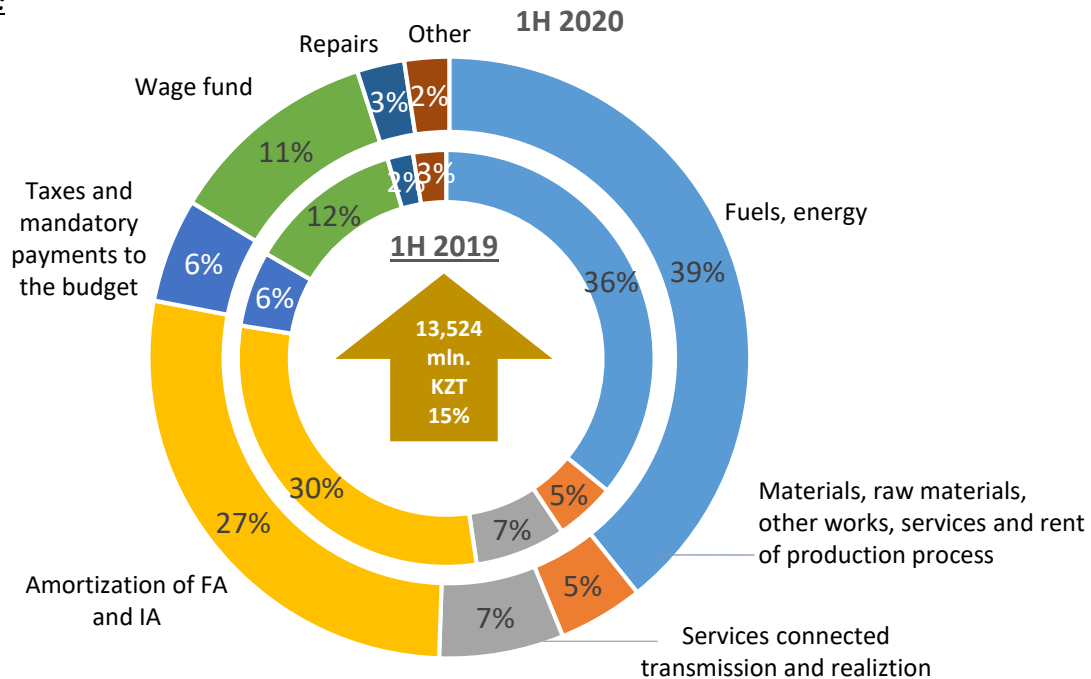
(1,264) mln KZT. Decrease in electricity sales by 78.8 million kWh;
 +3,571 mln KZT. Increase in sales tariffs from 16.04 KZT/kWh to 17.24 KZT/kWh (growth of 7%).

(4,290) mln KZT – increase in intragroup purchase of AES from AIES and the volume of transfer by AZhK.

ANALYSIS OF OPERATING PROFIT FOR 1 HALF OF 2020 COMPARED TO THE SAME PERIOD OF 2019



Structure of production costs:



Consolidated operating profit for 1 half of 2020 amounted to 18,281 mln KZT, which is 54% or 6,432 mln KZT higher than the previous period. The main changes occurred due to the following factors:

(13,524) mln KZT – Production costs:

(3,423) mln KZT - Fuel: Coal increase due to rising coal prices and electricity production at GRES-1.

(4,873) mln KZT- Purchased electricity: increase of (5,623) mln KZT due to an increase in expenses for the purchase of electricity from the RFC (Renewable energy sources), as well as by (2,178) mln KZT at AES due to an increase in volumes and tariffs for the purchase of electricity. At the same time, an increase in intragroup turnovers led to a decrease in the cost of electricity purchases by 2,929 mln KZT

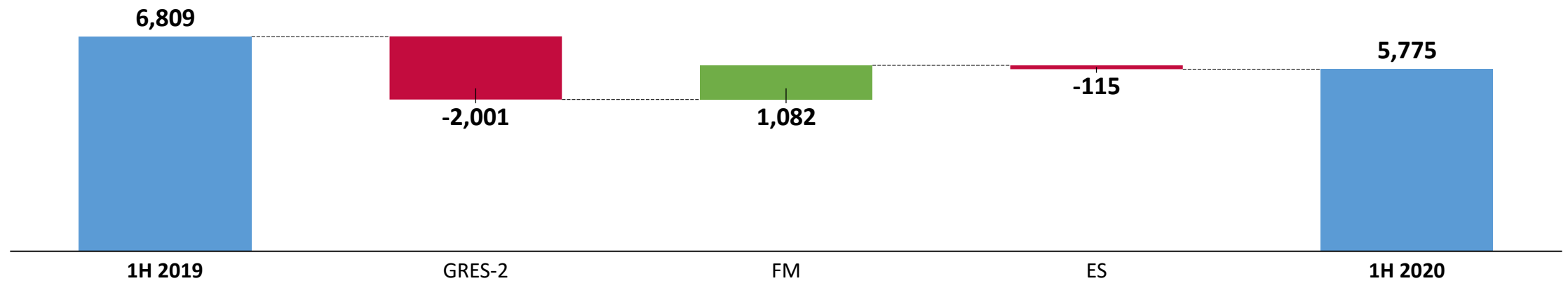
(196) mln KZT– Electricity transmission – the increase due to the growth of KEGOC tariffs.

(969) mln KZT – Wage fund – the increase due to the indexation of salary.

(4,064) mln KZT– Other – An increase mainly due to the growth in depreciation and repair costs.

(2,472) mln KZT – Sales costs: The main reason of the increase of costs is the growth of export volumes to Uzbekistan (1H of 2019 – 4.3 mln.kWh, 1H of 2020 – 459.1 mln kWh);

(2,798) mln KZT – General and administrative expenses: the main increase for BGES due to additional taxes on VAT and the accrual of penalties made based on the results of a comprehensive audit by the Department of State Revenues in East Kazakhstan for the period from 01.01.2014. until 31.12.2018, according to the received document of a documentary tax audit from 31.12.2019.



The share profit for the 1st half of 2020 amounted to 5,775 mln KZT, a decrease in relation to the same period by 1,034 mln KZT.

The main changes occurred by :

- **GRES-2** –The increase in the loss of GRES-2 in the amount of (2,001) mln KZT was mainly due to a decrease in operating profit due to the downtime of power unit No. 2 for repairs and, accordingly, a decrease in electricity sales.
- **Forum Muider (50%)** - The increase in FM profit compared to the same period of the previous year amounted to 1,082 mln KZT, mainly due to the reflection of 100% of income from the dismantling of railways tracks on the territory of EEC JSC in 2020 and an increase in the price of coal (by 9.9%) and sales volume.