

Additional Statistical Information

INFORMATION ABOUT POWER PLANTS

INFORMATION ABOUT POWER PLANTS AS FOR DECEMBER 31, 2020*

Power Plant	Installed Electric Capacity, MW	Installed Thermal Capacity (including Boilers), Gcal/h	Geographical Location	Main / Reserve / Supplementary Fuel
Surgutskaya GRES-1	3,333	903	Ural UPS	Gas / gas / -
Ryazanskaya GRES	3,020	212.5	Central UPS	Gas, coal / fuel oil / gas, fuel oil
Kirishskaya GRES	2,555	1,070	North-Western UPS	Gas / fuel oil / -
Stavropolskaya GRES	2,423	145	Southern UPS	Gas / fuel oil / -
Novocherkasskaya GRES	2,258	60	Southern UPS	Coal / gas / gas, fuel oil
Troitskaya GRES	1,321	210	Ural UPS	Coal / - / fuel oil
Cherepovetskaya GRES	1,080	39	Central UPS	Coal, gas / gas / gas, fuel oil
Serovskaya GRES	451	0	Ural UPS	Gas / - / -
Pskovskaya GRES	440	116.8	North-Western UPS	Gas / gas / -
Adlerskaya TPP	367	70.4	Southern UPS	Gas / - / -
Groznskaya TPP	360	0	Southern UPS	Gas / - / -
Total (exclusive of KrGRES-2):	17,608	2,826.7		

* A full description of the main equipment of OGC-2 JSC is given in Appendix 5.

SURGUTSKAYA GRES-1

Surgutskaya GRES-1 is located in the Kedrov settlement of Surgut, Khanty-Mansi Autonomous District – Yugra. The plant consists of 16 steam-power

units: 13 condensing units and 3 co-generation units.

Competitive environment: Nizhnevartovskaya GRES (Inter RAO Power Generation JSC), Surgutskaya GRES-2 (Unipro PJSC), Nyaganskaya GRES (Fortum PJSC).

Key Indicators	2020
Generation of electric power, million kW*h	15,994.2
Net electric power supply, million kW*h	15,116.5
Heat supply, thous. Gcal	1,557.3
Net supply of thermal power, thousand Gcal	1,542.8
ICUF, %	54.6
Staff number, persons	934

Fuel balance and fuel consumption in 2020			
Type of fuel	Fuel balance, %	fuel consumption for thermal power generation	fuel consumption for electric power generation
Gas	100.00	205.5 mln m ³	4,294.7 mln m ³
Coal	-	-	-
Fuel Oil	-	-	-
Diesel fuel	-	-	-

RYAZANSKAYA GRES

Ryazanskaya GRES is located in Novomichurinsk, Pronsky District, Ryazan Region.

The power plant includes:

- 4 pulverized-coal condensing steam-power units capable of supplying heat to consumers. Power Unit No. 2 is a facility under the CSA program;
- 2 gas-and-oil-fired condensing steam-power units capable of supplying heat to consumers;
- one CCGT unit capable of supplying heat to consumers. On September 01, 2020, the GTE-110 was decommissioned;
- 2 hot water boilers supplying heat to consumers when the power units are not in use or under repair.

Competitive environment: Kashirskaya GRES, Kostromskaya GRES, Cherepetskaya GRES (all – Inter RAO – Electricity Power Generation JSC), Shaturskaya GRES, Smolenskaya GRES (both – Unipro PJSC), Konakovskaya GRES (Enel Russia PJSC), Novovoronezhskaya NPP, Kalininskaya NPP, Smolenskaya NPP (all – Concern Rosenergoatom JSC), Volzhskaya HPP (RusHydro PJSC).

Key Indicators	2020
Generation of electric power, million kW*h	1,516.5
Net electric power supply, million kW*h	1,319.3
Heat supply, thous. Gcal	209.0
Net supply of thermal power, thousand Gcal	134.2
ICUF, %	5.6
Staff number, persons	1,022

Fuel balance and fuel consumption in 2020			
Type of fuel	Fuel balance, %	fuel consumption for thermal power generation	fuel consumption for electric power generation
Gas	14.34	9.0 mln m ³	65.1 mln m ³
Coal	85.65	63.4 thous. tnf	877.0 thous. tnf
Fuel Oil	0.01	0.000 thous. tnf	0.050 thous. tnf
Diesel fuel	-	-	-

KIRISHSKAYA GRES

Kirishskaya GRES is located in Kirishi, Kirishsky District, Leningrad Region.

It includes an unblocked combined heat and power (CHP) unit supplying heat to consumers in steam of various

parameters and hot water, as well as condensing steam-power units (CHP units) and a combined-cycle plant.

Competitive environment: North-West CHPP (Inter RAO – Power Generation

JSC), Leningrad NPP (Rosenergoatom Concern JSC), stations of TGC-1 PJSC.

Key Indicators	2020
Generation of electric power, million kW*h	4,248.8
Net electric power supply, million kW*h	3,984.3
Heat supply, thous. Gcal	2,902.8
Net supply of thermal power, thousand Gcal	2,874.4
ICUF, %	18.7
Staff number, persons	787

Fuel balance and fuel consumption in 2020			
Type of fuel	Fuel balance, %	fuel consumption for thermal power generation	fuel consumption for electric power generation
Gas	99.99	400.4 mln m ³	927.1 mln m ³
Coal	-	-	-
Fuel Oil	0.01	0.006 thous. tnf	0.110 thous. tnf
Diesel fuel	-	-	-

STAVROPOLSKAYA GRES

Stavropolskaya GRES is located in the Solnechnodolsk settlement, in the northern part of the Stavropol Territory.

It includes 8 condensing steam-power units capable of supplying heat to consumers.

Competitive environment: Nevinomysskaya GRES (Enel Russia PJSC), Krasnodarskaya CHPP (LUKOIL-Kubanenergo LLC).

Key Indicators	2020
Generation of electric power, million kW*h	4,095.2
Net electric power supply, million kW*h	3,880.8
Heat supply, thous. Gcal	61.7
Net supply of thermal power, thousand Gcal	47.8
ICUF, %	19.2
Staff number, persons	736

Fuel balance and fuel consumption in 2020			
Type of fuel	Fuel balance, %	fuel consumption for thermal power generation	fuel consumption for electric power generation
Gas	99.74	9.1 mln m ³	1,162.4 mln m ³
Coal	-	-	-
Fuel Oil	0.26	0.016 thous. tnf	2.568 thous. tnf
Diesel fuel	-	-	-

NOVOCHERKASSKAYA GRES

Novocherkasskaya GRES is located in Novocherkassk, Rostov Region.

The power plant consists of 7 condensing pulverized-coal steam-power units capable of supplying heat

to consumers and a pulverized-coal steam-power unit at st. No. 9, which is a subject of the CSA program. Its specific feature is a circulating fluidized-bed boiler.

Competitive environment: Rostovskaya NPP (Concern Rosenergoatom JSC), Nevinomysskaya GRES (Enel Russia PJSC).

Key Indicators	2020
Generation of electric power, million kW*h	6,837.7
Net electric power supply, million kW*h	6,263.1
Heat supply, thous. Gcal	77.0
Net supply of thermal power, thousand Gcal	52.1
ICUF, %	34.5
Staff number, persons	1 153

Fuel balance and fuel consumption in 2020			
Type of fuel	Fuel balance, %	fuel consumption for thermal power generation	fuel consumption for electric power generation
Gas	32.407	4.1 mln m ³	690.4 mln m ³
Coal	67.477	14.8 thous. tnf	2,321.0 thous. tnf
Fuel Oil	0.116	0.005 thous. tnf	2.597 thous. tnf
Diesel fuel	-	-	-

TROITSKAYA GRES

Troitskaya GRES is located in Troitsk, Chelyabinsk Region.

The power plant consists of an unblocked combined heat and power (CHP) unit, which supplies heat to

consumers, and 2 steam-power condensing units. Power Unit at st. No. 10 is a facility under the CSA program.

Competitive environment: Kostromskaya GRES (Inter RAO – Power

Generation JSC), Konakovskaya GRES (Enel Russia PJSC), Kalininskaya NPP (Concern Rosenergoatom JSC).

Key Indicators	2020
Generation of electric power, million kW*h	947.6
Net electric power supply, million kW*h	733.6
Heat supply, thous. Gcal	139.3
Net supply of thermal power, thousand Gcal	104.1
ICUF, %	8.2
Staff number, persons	950

Fuel balance and fuel consumption in 2020			
Type of fuel	Fuel balance, %	fuel consumption for thermal power generation	fuel consumption for electric power generation
Gas	–	–	–
Coal	97.62	46.9 thous. tnf	644.9 thous. tnf
Fuel Oil	2.38	0.580 thous. tnf	7.034 thous. tnf
Diesel fuel	–	–	–

KRASNOYARSKAYA GRES-2

Krasnoyarskaya GRES-2 is located in Zelenogorsk, Krasnoyarsk Territory.

It consists of 7 steam-power units and a steam-power unblocked part. All equipment is capable of supplying heat to consumers in hot water, and

power unit at st. No. 5 is additionally capable of supplying steam.

Competitive environment: Berezovskaya GRES (Unipro PJSC), Sayano-Shushinskaya HPP (RusHydro PJSC), Krasnoyarskaya HPP

(EuroSibEnergo JSC), Boguchanskaya HPP (RusHydro PJSC), Belovskaya GRES, Tom-Usinskaya GRES (both – Kuzbassenergo JSC), Nazarovskaya GRES (Siberian Generation Company LLC). On October 01, 2020, it was transferred to the new owner.

Key Indicators	2020
Generation of electric power, million kW*h	1,409.1
Net electric power supply, million kW*h	1,219.6
Heat supply, thous. Gcal	553.0
Net supply of thermal power, thousand Gcal	541.6
ICUF, %	17.0
Staff number, persons	7

Fuel balance and fuel consumption in 2020			
Type of fuel	Fuel balance, %	fuel consumption for thermal power generation	fuel consumption for electric power generation
Gas	–	–	–
Coal	99.71	172.9 thous. tnf	921.8 thous. tnf
Fuel Oil	0.29	0.256 thous. tnf	1.100 thous. tnf
Diesel fuel	–	–	–

CHEREPOVETSKAYA GRES

Cherepovetskaya GRES is located in the Kadui settlement in the Vologda Region.

Cherepovetskaya GRES consists of 3 condensing steam-power

units capable of supplying heat to consumers, and a combined cycle plant. Competitive environment:

Kostromskaya GRES (Inter RAO – Power Generation JSC), Konakovskaya GRES (Enel Russia PJSC), Kalininskaya NPP (Concern Rosenergoatom JSC).

Key Indicators	2020
Generation of electric power, million kW*h	2,842.1
Net electric power supply, million kW*h	2,676.9
Heat supply, thous. Gcal	111.4
Net supply of thermal power, thousand Gcal	82.9
ICUF, %	30.0
Staff number, persons	496

Fuel balance and fuel consumption in 2020			
Type of fuel	Fuel balance, %	fuel consumption for thermal power generation	fuel consumption for electric power generation
Gas	91.8716	23.3 thous. tnf	503.0 thous. tnf
Coal	8.1098	10.3 thous. tnf	78.4 thous. tnf
Fuel Oil	0.0141	0.016 thous. tnf	0.090 thous. tnf
Diesel fuel	0.0045	-	0.020 thous. tnf

SEROVSKAYA GRES

Serovskaya GRES is located in Serov, Sverdlovsk Region.

The plant includes an CCGT unit.

Competitive environment: Yaivinskaya GRES (Unipro PJSC), Nizhneturinskaya GRES (T PLUS PJSC).

Key Indicators	2020
Generation of electric power, million kW*h	3,028.8
Net electric power supply, million kW*h	2,885.4
Heat supply, thous. Gcal	-
Net supply of thermal power, thousand Gcal	-
ICUF, %	76.5
Staff number, persons	231

Fuel balance and fuel consumption in 2020			
Type of fuel	Fuel balance, %	fuel consumption for thermal power generation	fuel consumption for electric power generation
Gas	99.998	-	565.5 mln m ³
Coal	-	-	-
Fuel Oil	-	-	-
Diesel fuel	0.002	-	0.007 thous. tnf

PSKOVSKAYA GRES

Pskovskaya GRES is located in the Dedovichi settlement, Dedovichi District, Pskov Region.

It consists of 2 condensing steam-power units capable of supplying

heat to consumers, and 5 electric hot water boilers for providing heat to the settlement when the power units are not in use or under repair.

Competitive environment: North-West CHPP (Inter RAO – Power Generation JSC), Leningrad NPP (Rosenergoatom Concern JSC), stations of TGC-1 PJSC.

Key Indicators	2020
Generation of electric power, million kW*h	149.3
Net electric power supply, million kW*h	111.3
Heat supply, thous. Gcal	54.6
Net supply of thermal power, thousand Gcal	34.4
ICUF, %	3.9
Staff number, persons	282

Fuel balance and fuel consumption in 2020			
Type of fuel	Fuel balance, %	fuel consumption for thermal power generation	fuel consumption for electric power generation
Gas	100	9.2 mln m ³	41.7 mln m ³
Coal	-	-	-
Fuel Oil	-	-	-
Diesel fuel	-	-	-

ADLERSKAYA TPP

Adlerskaya TPP is a power plant consisting of two autonomous CCGT units capable of supplying heat to consumers. It is located in Sochi, Krasnodar Territory.

Competitive environment: Sochinskaya TPP (Inter RAO – Power Generation JSC), Nevinnomysskaya GRES (Enel Russia PJSC), Krasnodarskaya CHPP (LUKOIL-Kubanenergo LLC).

Key Indicators	2020
Generation of electric power, million kW*h	1,872.8
Net electric power supply, million kW*h	1,763.2
Heat supply, thous. Gcal	177.8
Net supply of thermal power, thousand Gcal	173.2
ICUF, %	58.1
Staff number, persons	209

Fuel balance and fuel consumption in 2020			
Type of fuel	Fuel balance, %	fuel consumption for thermal power generation	fuel consumption for electric power generation
Gas	99.995	18.9 mln m ³	397.5 mln m ³
Coal	-	-	-
Fuel Oil	-	-	-
Diesel fuel	0.005	0.001 thous. tnf	0.015 thous. tnf

GROZNENSKAYA TPP

Groznenskaya TPP is located in Grozny of the Chechen Republic. It consists of two gas turbine units.

Competitive environment: The TPP of North Caucasus of RusHydro PJSC.

Key Indicators	2020
Generation of electric power, million kW*h	1,305.3
Net electric power supply, million kW*h	1,282.8
Heat supply, thous. Gcal	-
Net supply of thermal power, thousand Gcal	-
ICUF, %	41.3
Staff number, persons	127

Fuel balance and fuel consumption in 2020			
Type of fuel	Fuel balance, %	fuel consumption for thermal power generation	fuel consumption for electric power generation
Gas	99.99	-	405.4 mln m ³
Coal	-	-	-
Fuel Oil	-	-	-
Diesel fuel	0.01	-	0.018 thous. tnf

SVOBODNENSKAYA TPP

Svobodnenskaya TPP is a branch of OGK-2 JSC, located in Svobodny, Amur Region. The branch will include 2 steam-powered plants, with a unit capacity of 80 MW each, with 3 power

boilers, cross-links for steam and feed water. Svobodnenskaya TPP was put into operation in April, 2021.

Competitive environment: power plants of RusHydro PJSC.

PRODUCTION RESULTS

DYNAMICS OF ELECTRIC POWER GENERATION IN 2018–2020, MLN KWH

Indicator, branch	2018	2019	2020	Change 2020/2019, %
Net electric power supply (million kW*h)				
Surgutskaya GRES-1	17,570	17,617	15,116.5	-14.2
Ryazanskaya GRES	1,526	1,325	1,319.3	-0.5
Kirishskaya GRES	5,524	7,385	3,984.3	-46.1
Stavropolskaya GRES	8,301	4,800	3,880.8	-19.2
Troitskaya GRES	1,130	950	733.6	-22.8
Novocherkasskaya GRES	8,918	7,081	6,263.1	-11.6
Krasnoyarskaya GRES-2	3,939	3,564	1,219.6	-65.8
Cherepovetskaya GRES	2,937	3,180	2,676.9	-15.8
Serovskaya GRES	2,654	2,698	2,885.4	+6.9
Pskovskaya GRES	103	151	111.3	-26.4
Adlerskaya TPP	2,349	1,612	1,763.2	+9.3
Groznenskaya TPP	-	680	1,282.8	+88.4
OGK-2	54,950	51,050	41,236.9	-19.2

Indicator, branch	2018	2019	2020	Change 2020/2019, %
Generation of electric power (million kW*h)				
Surgutskaya GRES-1	18,642	18,652	15,994.2	-14.2
Ryazanskaya GRES	1,753	1,527	1,516.5	-0.7
Kirishskaya GRES	5,819	7,747	4,248.8	-45.2
Stavropolskaya GRES	8,667	5,040	4,095.2	-18.7
Troitskaya GRES	1,429	1,208	947.6	-21.5
Novocherkasskaya GRES	9,660	7,708	6,837.7	-11.3
Krasnoyarskaya GRES-2	4,398	4,003	1,409.1	-64.8
Cherepovetskaya GRES	3,119	3,360	2,842.1	-15.4
Serovskaya GRES	2,811	2,845	3,028.8	+6.4
Pskovskaya GRES	149	196	149.3	-24.0
Adlerskaya TPP	2,472	1,707	1,872.8	+9.7
Groznenskaya TPP	-	695	1,305.3	+87.8
OGK-2	58,919	54,688	44,247.3	-19.1

SUPPLY OF THERMAL POWER, THOUSAND GCAL

Indicator, branch	2018	2019	2020	Change 2020/2019, %
Net thermal power supply				
Surgutskaya GRES-1	1,848.1	1,709.9	1,542.8	-9.8
Ryazanskaya GRES	142.2	140.6	132.9	-5.5
Kirishskaya GRES	2,889.2	2,943.4	2,874.4	-2.3
Stavropolskaya GRES	53.2	48.0	48.5	+1.0
Troitskaya GRES	305.7	111.1	104.1	-6.3
Novocherkasskaya GRES	54.6	52.2	52.1	-0.2
Krasnoyarskaya GRES-2	1,027.7	979.0	541.6	-44.7
Cherepovetskaya GRES	97.2	86.9	82.9	-4.6
Serovskaya GRES	69.0	50.4	0.0	-100.0
Pskovskaya GRES	39.9	36.8	34.4	-6.5
Adlerskaya TPP	175.2	187.1	173.2	-7.4
Groznenskaya TPP	-	-	-	-
OGK-2	6,702.1	6,345.5	5,586.9	-12.0
thermal power supply from collectors				
Surgutskaya GRES-1	1,866.0	1,726.0	1,557.3	-9.8
Ryazanskaya GRES	239.2	219.7	209.0	-4.9
Kirishskaya GRES	2,919.1	2,976.9	2,902.8	-2.5
Stavropolskaya GRES	67.1	67.4	61.7	-8.5
Troitskaya GRES	351.4	156.7	139.3	-11.1
Novocherkasskaya GRES	79.5	74.5	77.0	+3.4
Krasnoyarskaya GRES-2	1,049.9	1,000.0	553.0	-44.7
Cherepovetskaya GRES	123.0	119.7	111.4	-6.9
Serovskaya GRES	78.8	61.2	0.0	-100.0
Pskovskaya GRES	59.7	55.9	54.6	-2.3
Adlerskaya TPP	173.4	189.4	177.8	-6.1
Groznenskaya TPP	-	-	-	-
OGK-2	7,007.2	6,647.4	5,844.0	-12.1

INSTALLED CAPACITY UTILIZATION FACTOR

Indicator, branch	2018	2019	2020	Change 2020/2019, %
ICUF, %				
Surgutskaya GRES-1	64.9	63.9	54.6	-9.3
Ryazanskaya GRES	6.4	5.6	5.6	0.0
Kirishskaya GRES	25.6	34.1	18.7	-15.4
Stavropolskaya GRES	40.8	23.7	19.2	-4.5
Troitskaya GRES	12.1	10.5	8.2	-2.3
Novocherkasskaya GRES	48.8	39.0	34.5	-4.5
Krasnoyarskaya GRES-2	39.8	36.3	17.1	-19.2
Cherepovetskaya GRES	33.2	35.5	30.0	-5.5
Serovskaya GRES	75.5	72.0	76.5	+4.5
Pskovskaya GRES	3.9	5.1	3.9	-1.2
Adlerskaya TPP	77.0	53.1	58.1	+5.0
Groznenskaya TPP	-	33.3	41.3	+8.0
OGK-2	36.2	33.0	27.0	-6.0

SPECIFIC REFERENCE FUEL CONSUMPTION (SRFC) FOR THE SUPPLY OF ELECTRIC POWER AND HEAT

Indicator, branch	2018	2019	2020	Change 2020/2019, %
SRFC for electric power supply (g/kW*h)	331.6	325.0	326.5	+0.5
Surgutskaya GRES-1	326.1	324.0	323.1	-0.3
Ryazanskaya GRES	394.2	408.7	407.0	-0.4
Kirishskaya GRES	274.6	268.4	269.2	+0.3
Stavropolskaya GRES	339.9	341.6	346.6	+1.5
Troitskaya GRES	472.0	469.1	496.7	+5.9
Novocherkasskaya GRES	392.1	393.0	394.7	+0.4
Krasnoyarskaya GRES-2	398.4	399.2	416.6	+4.4
Cherepovetskaya GRES	233.7	226.9	234.1	+3.2
Serovskaya GRES	229.7	225.9	226.8	+0.4
Pskovskaya GRES	360.0	352.6	345.4	-2.0
Adlerskaya TPP	256.3	257.7	262.2	+1.7
Groznenskaya TPP	-	364.0	374.2	+2.8
SRFC for thermal power supply (kg/Gcal)	152.9	165.2	164.7	-0.3
Surgutskaya GRES-1	134.6	151.3	151.1	-0.2
Ryazanskaya GRES	187.3	194.5	216.2	+11.2
Kirishskaya GRES	143.2	160.0	160.1	+0.1
Stavropolskaya GRES	172.6	172.8	173.0	+0.1
Troitskaya GRES	172.6	198.3	199.5	+0.6
Novocherkasskaya GRES	185.7	198.7	201.9	+1.6
Krasnoyarskaya GRES-2	164.9	169.8	175.0	+3.0
Cherepovetskaya GRES	345.5	308.0	298.4	-3.1
Serovskaya GRES	270.8	318.9	0.0	-100.0
Pskovskaya GRES	191.3	194.8	222.8	+14.4
Adlerskaya TPP	124.9	124.4	124.3	-0.1
Groznenskaya TPP	-	-	-	-

FUEL BALANCE STRUCTURE, %

Branch	2018			2019			2020		
	Coal	Gas	Fuel Oil and Diesel Fuel	Coal	Gas	Fuel Oil and Diesel Fuel	Coal	Gas	Fuel Oil and Diesel Fuel
Total OGK-2	27.574	72.242	0.183	25.526	74.346	0.128	22.64	77.23	0.13
Surgutskaya GRES-1	0.00	100	0.00	0.00	100	0.00	0.00	100	0.00
Ryazanskaya GRES	70.96	29.03	0.01	83.42	16.57	0.01	85.65	14.34	0.01
Kirishskaya GRES	0.00	99.99	0.01	0.00	99.95	0.05	0.00	99.99	0.01
Stavropolskaya GRES	0.00	99.41	0.59	0.00	99.77	0.23	0.00	99.74	0.26
Troitskaya GRES	98.05	0.00	1.95	98.07	0.00	1.93	97.62	0.00	2.38
Novocherkasskaya GRES	69.63	30.34	0.03	68.29	31.71	0.00	67.477	32.407	0.116
Krasnoyarskaya GRES-2	99.74	0.00	0.26	99.70	0.00	0.30	99.71	0.00	0.29
Cherepovetskaya GRES	7.62	92.33	0.05	1.65	98.02	0.33	8.11	91.87	0.02
Serovskaya GRES	0.00	99.98	0.02	0.288	99.710	0.002	0.00	99.998	0.002
Pskovskaya GRES	0.00	100	0.00	0.00	100	0.00	0.00	100	0.00
Adlerskaya TPP	0.00	99.997	0.003	0.00	99.99	0.01	0.00	99.995	0.005
Groznenskaya TPP	-	-	-	-	99.91	0.09	-	99.99	0.01

FUEL CONSUMPTION FOR PRODUCTION IN PHYSICAL UNITS IN 2018–2020

Type of fuel	2018, thous. t., mln m ³	2019, thous. t., mln m ³	2020, thous. t., mln m ³	Change 2020/2019, %
Coal				
Total OGK-2	8,700.6	7,442.3	5,151.3	-30.8
Surgutskaya GRES-1	-	-	-	-
Ryazanskaya GRES	914.2	981.3	940.4	-4.2
Kirishskaya GRES	-	-	-	-
Stavropolskaya GRES	-	-	-	-
Troitskaya GRES	1,059.2	813.8	691.8	-15.0
Novocherkasskaya GRES	3,464.8	2,752.9	2,335.8	-15.2
Krasnoyarskaya GRES-2	3,152.8	2,870.1	1,094.7	-61.9
Cherepovetskaya GRES	109.6	21.0	88.7	+322.4
Serovskaya GRES	-	3.2	-	-100.0
Pskovskaya GRES	-	-	-	-
Adlerskaya TPP	-	-	-	-
Groznenskaya TPP	-	-	-	-
Gas				
Total OGK-2	12,180.8	11,478.4	9,732.3	-15.2
Surgutskaya GRES-1	5,249.5	5,224.1	4,500.2	-13.9
Ryazanskaya GRES	167.1	86.3	74.1	-14.1
Kirishskaya GRES	1,675.8	2,131.8	1,327.4	-37.7
Stavropolskaya GRES	2,434.9	1,421.2	1,171.5	-17.6
Troitskaya GRES	-	-	-	-
Novocherkasskaya GRES	921.1	765.1	694.4	-9.2
Krasnoyarskaya GRES-2	-	-	-	-
Cherepovetskaya GRES	588.3	646.4	526.3	-18.6
Serovskaya GRES	553.7	549.9	565.5	+2.8
Pskovskaya GRES	53.0	65.3	50.9	-22.1
Adlerskaya TPP	537.3	379.0	416.4	+9.9

Type of fuel	2018, thous. t., mln m ³	2019, thous. t., mln m ³	2020, thous. t., mln m ³	Change 2020/2019, %
Groznenskaya TPP	-	209.2	405.4	+93.8
Fuel oil and diesel fuel				
Total OGK-2	26.49	17.81	14.489	-18.6
Surgutskaya GRES-1	-	-	-	-
Ryazanskaya GRES	0.07	0.06	0.050	-16.7
Kirishskaya GRES	0.17	0.91	0.116	-87.3
Stavropolskaya GRES	12.43	2.81	2.584	-8.0
Troitskaya GRES	9.27	7.42	7.614	+2.6
Novocherkasskaya GRES	0.83	-	2.602	-
Krasnoyarskaya GRES-2	3.39	3.64	1.356	-62.7
Cherepovetskaya GRES	0.36	2.81	0.126	-95.5
Serovskaya GRES	0.11	0.01	0.007	-30.0
Pskovskaya GRES	-	-	-	-
Adlerskaya TPP*	0.012	0.02	0.016	-20.0
Groznenskaya TPP*	-	0,15	0.018	-88.0

* These plants consume diesel fuel.

CONSUMPTION OF OIL EQUIVALENT IN 2018–2020

Type of fuel, Branch	2018, thous. toe	2019, thous. toe	2020, thous. toe	Change 2020/2019, %
Coal				
Total OGK-2	5,381.5	4,564.8	3,301.3	-27.7
Surgutskaya GRES-1	-	-	-	-
Ryazanskaya GRES	478.0	509.0	519.4	+2.0
Kirishskaya GRES	-	-	-	-
Stavropolskaya GRES	-	-	-	-
Troitskaya GRES	640.1	517.4	425.7	-17.7
Novocherkasskaya GRES	2,455.7	1,923.3	1,690.3	-12.1
Krasnoyarskaya GRES-2	1,751.5	1,600.7	612.0	-61.8
Cherepovetskaya GRES	56.2	12.6	54.0	+328.6
Serovskaya GRES	-	1.8	-	-100
Pskovskaya GRES	-	-	-	-
Adlerskaya TPP	-	-	-	-
Groznenskaya TPP	-	-	-	-
Gas				
Total OGK-2	14,099.1	13,295.3	11,261.7	-15.3
Surgutskaya GRES-1	6,043.7	6,020.1	5,155.1	-14.4
Ryazanskaya GRES	195.5	101.1	87.0	-14.0
Kirishskaya GRES	1,940.2	2,467.0	1,542.3	-37.5
Stavropolskaya GRES	2,839.0	1,664.1	1,367.8	-17.8
Troitskaya GRES	-	-	-	-
Novocherkasskaya GRES	1,070.1	893.1	811.8	-9.1
Krasnoyarskaya GRES-2	-	-	-	-
Cherepovetskaya GRES	681.4	747.8	611.6	-18.2
Serovskaya GRES	642.3	636.9	660.1	+3.6

Type of fuel, Branch	2018, thous. toe	2019, thous. toe	2020, thous. toe	Change 2020/2019, %
Pskovskaya GRES	61.4	75.7	59.1	-21.9
Adlerskaya TPP	625.4	440.9	486.2	+10.3
Groznenskaya TPP	-	248.7	480.9	+93.3
Fuel oil and diesel fuel				
Total OGK-2	35.95	22.90	19.01	-17.0
Surgutskaya GRES-1	-	-	-	-
Ryazanskaya GRES	0.08	0.07	0.06	-12.1
Kirishskaya GRES	0.24	1.28	0.16	-87.2
Stavropolskaya GRES	16.92	3.85	3.51	-8.8
Troitskaya GRES	12.74	10.18	10.39	2.0
Novocherkasskaya GRES	0.92	-	2.92	-
Krasnoyarskaya GRES-2	4.50	4.75	1.78	-62.6
Cherepovetskaya GRES	0.37	2.51	0.12	-95.1
Serovskaya GRES	0.16	0.02	0.01	-34.9
Pskovskaya GRES	-	-	-	-
Adlerskaya TPP	0.02	0.03	0.02	-11.1
Groznenskaya TPP	-	0.21	0.03	-87.9