

To the Energy Efficiency section

Consumption of fuel and energy resources by Russian Railways in 2020–2021 by key type

GRI 302-1

No.	Resource type	Physical unit of measurement	2020	2021	Change (±%)
1	Electrical energy, total	m kWh	49,149.8	51,460.4	4.7
1.1.	for train traction	m kWh	42,806.6	44,735.2	4.5
	incl. other owners of multiple units	m kWh	812.6	991.6	22.0
1.2.	for non-traction use	m kWh	6,343.1	6,725.1	6.0
2.	Diesel fuel, total	kt	2,488.2	2,551.5	2.5
2.1.	for train traction	kt	2,305.3	2,367.6	2.7
2.2.	for non-traction use	kt	182.9	183.8	0.5
	excluding consumption by service companies	kt	151.9	155.8	2.6
3.	Coal	kt	612.5	600.1	-2.0
	excluding consumption by utilities	kt	558.6	547.4	-2.0
4.	Fuel oil	kt	231.5	222.9	-3.7
5.	Natural gas	m cu m	390.8	421.9	8.0
6.	Petrol	kt	36.5	37.0	1.5
7.	Third-party heat energy	m Gcal	2.1	2.2	9.0

Energy resources used for heat generation at Russian Railways' BUs in 2020–2021

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Resource type	Unit of measurement	2020	2021
Coal	kt	501.7	484.2
Natural gas	m cu m	401.2	420.8
Fuel oil	kt	220.5	222.3
Diesel fuel	kt	5.1	6.5
Electrical energy	m kWh	205.6	166.6
Other sources	kt	4.9	1.9