

ENERGY CONSUMPTION



In efforts to save energy and increase energy efficiency in 2019, FPC continued its focused activities, reducing operating expenses on fuel and energy.

FPC reduced its energy consumption and improved its energy efficiency through the following projects:

- Procured new, advanced, and energy-efficient rolling stock
- Installed energy-saving technologies such as LEDs and smart lighting systems at FPC's depots and sites
- Upgraded boiler facilities by installing advanced and more efficient boilers
- Equipped FPC's buildings and structures with meters for water consumption and discharge, electricity, and heat energy
- Installed high-voltage charging points at passenger train preparation sites across branches.

Fuel and energy consumption

TYPE	IN NOMINAL TERMS			BY VALUE, RUB million		
	2018	2019	CHANGE 2019/2018, %	2018	2019	CHANGE 2019/2018
Electricity, million kWh	129.3	127.4	98.5	644.3	678.3	34.0
Diesel fuel, '000 tonnes	2.6	2.5	94.1	107.6	113.4	5.8
Coal, '000 tonnes	109.6	102.2	93.3	324.3	350.7	26.4
Fuel oil, '000 tonnes	15.1	14.5	96.2	228.0	228.0	0.0
Natural gas, million m ³	23.2	22.3	96.1	132.8	133.4	0.6
Gasoline, '000 tonnes	0.9	0.8	97.8	43.5	43.1	-0.4
Briquettes, '000 tonnes	3.4	3.6	105.8	23.9	31.3	7.4
Pellets, '000 tonnes	1.2	0.9	72.6	8.8	6.6	-2.2
Wood, '000 m ³	0.3	0.3	84.2	1.9	0.6	-1.3

Company
Profile

Development
Strategy

Performance
Overview

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Governance

Sustainable
Development

Appendices