

Energy consumption by MMC Norilsk Nickel®

Type of energy	2016		2017		2018	
	Consumption in volume terms	RUB '000	Consumption in volume terms	RUB '000	Consumption in volume terms	RUB '000
Heat power	5,587,849 Gcal	4,702,584	4,737,249 Gcal	4,393,019	4,295,081 Gcal	4,606,657
Electric power	5,158,974 thousand kWh	5,272,779	4,489,188 thousand kWh	4,854,566	4,174,431 thousand kWh	4,668,543
Motor fuel	344 t	17,797	268 t	15,348	273 t	14,612
Diesel fuel	58,671 t	2,657,599	52,684 t	2,431,146	52,859 t	2,598,687
Heating oil	40,479 t	582,489	40,360 t	566,985	44,233 t	840,447
Natural gas	545,712,000 m ³	1,363,718	497,141,000 m ³	1,458,756	493,279,000 m ³	1,482,681
Coal	49,760 t	20,612	17,359 t	4,204	16,473 t	7,545
Kerosene and aviation fuel	115 t	5,008	124 t	6,122	127 t	6,083

• Data on energy consumption is presented only by MMC Norilsk Nickel (excluding Kola MMC, Norilsk Nickel Harjavalta, GRK Bystrinskoye).
No other types of energy were used besides those specified in the table.

Metric conversion table and currency exchange rates

METRIC CONVERSION TABLE

Length		Area		Weighth	
1 km	0.6214 mi	1 sq m	10.7639 sq ft	1 kg	2.2046 lb
1 m	3.2808 ft	1 sq km	0.3861 sq mi	1 metric tonne	1,000 kg
1 cm	0.3937 in	1 ha	2.4710 acres	1 short tonne	907.18 kg
1 mi	1.609344 km	1 sq ft	0.09290304 sq m	1 troy ounce	31.1035 g
1 foot	0.3048 m	1 sq m	2.589988 sq km	1 lb	0.4535924 kg
1 in	2.54 cm	1 acre	0.4046873 ha	1 g	0.03215075 oz t

CURRENCY EXCHANGE IN 2014–2018

Index	2014	2015	2016	2017	2018
Average rate Russian Rouble / US Dollar for the year ended 31 December	38.42	60.96	67.03	58.35	62.71