

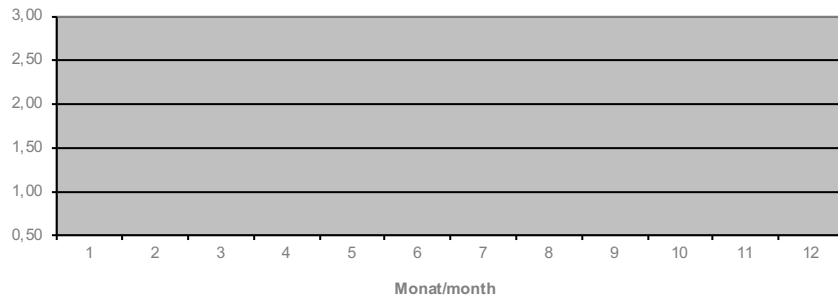
VERBRAUCHSDATEN WAESCHEREI IM JAHR Control Bogen
CONSUPTION DATA LAUNDRY PER YEAR

Laundry Name Wäscherei Name											
Street / Strasse											
zip code / PLZ											
phone / Telefon											
contact person Kontakt Person											
filled from ausgefüllt von											
date / Datum											
Month / Year Monat Jahr	Textiles in tons	Oil in liters	Oil in kWh example (1 x 10 = kWh)	Gas in cbm	Gas in kWh example (cbm x 8,8 = kWh)	Oil and Gas in kWh example	Oil and Gas in kWh per kg textile	Water in cbm	Water in liter per kg textile	electricity in kWh	electricity in kWh per kg textile
	Wäsche in Tonnen	Öl in Liter	Beispiel	gas in cbm	Beispiel	Beispiel	kwh/kg Textil	Wasser in cbm	Wasser l/kg	Strom kWh	Strom kWh/kg
			0		0	0	#DIV/0!		#DIV/0!		#DIV/0!
			0		0	0	#DIV/0!		#DIV/0!		#DIV/0!
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			0		0	0	#DIV/0!		#DIV/0!		#DIV/0!
			0		0	0	#DIV/0!		#DIV/0!		#DIV/0!
			0		0	0	#DIV/0!		#DIV/0!		#DIV/0!
sum	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
average	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
Euro/year Euro / Jahr		0			0	0		0		0	

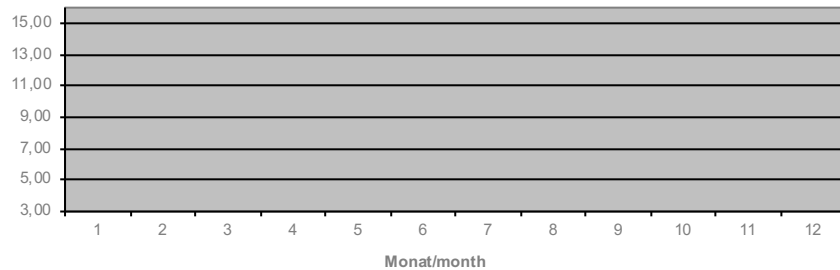
Price Oil in Euro per liter	Price Gas in Euro per kWh	Price water in Euro per m³
Öl Euro / ltr	Gas Euro/kWh	Wasser Euro/cbm

Price electricity in Euro per kWh
Strom Euro/kwh

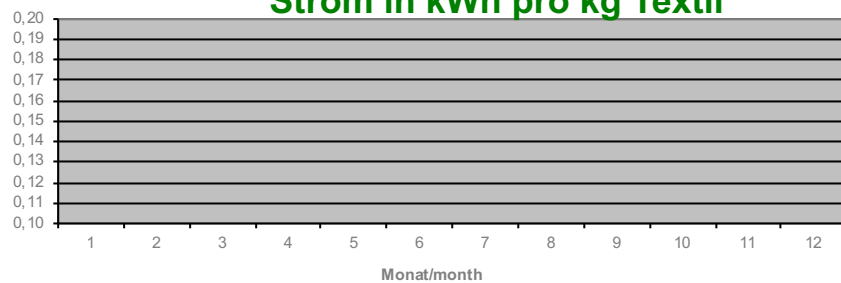
energy in kWh per kg textile Energy (Öl/Gas) in kwh / kg Textil



water liter per kg textil Wasser in Liter pro kg Textil



electricity in kWh per kg textil. Strom in kWh pro kg Textil



Umrechnungsfaktoren verschiedener Energieeinheiten

	kJ	kcal	kWh	kg SKE	kg RÖE	m³ Erdgas
1 kJ	1	0,2388	0,000278	0,000034	0,000024	0,000032
1 kcal	4,1868	1	0,001163	0,000143	0,0001	0,00013
1 kWh	3.600	860	1	0,123	0,086	0,113
1 kg SKE	29.308	7.000	8,14	1	0,7	0,923
1 kg RÖE	41.868	10.000	11,63	1,428	1	1,319
1 m³ Erdgas	31.736	7.580	8,816	1,083	0,758	1

Übersicht über Energieeinheiten

Einheit	Bezeichnung, Erläuterung	Umrechnung in kJ bzw. kWh
J	Joule	1.000 J = 1.000 Ws = 1 kJ
cal	Calorie	1.000 cal = 1 kcal = 4,186 kJ
Wh	Wattstunde	1 Wh = 3,6 kJ
(kg) SKE	(Kilogramm) Steinkohleeinheit	1 kg SKE = 29.308 kJ
(kg) RÖE	(Kilogramm) Rohöleinheit	1 kg RÖE = 41.868 kJ
oe oder OE	Oil Equivalent	1 oe = 1 RÖE = 41.868 kJ
m³ Erdgas	Kubikmeter Erdgas	1 m³ Erdgas = 31.736 kJ
BTU	British Thermal Unit	1 BTU = 0,000293071 kWh = 1,05506 kJ
kpm	Kilopondmeter	1 kpm = 2,72e-6 kWh = 0,00980665 kJ
erg	erg	1 erg = 2,78e-14 kWh = 1e-10 kJ
eV	Elektronenvolt	1 kpm = 1,60217733e-19 J = 1,60217733e-22 kJ

1 US Gallon = 3,78 liter

1 US Pound = 0,453 Kilo-Gramm

1 Barrel = 159 Liter (42 US Gallons)

1 Liter = 0,264 US Gallons

1 Kilogramm = 2,206 US Pfund

1 Liter = 0,006289 Barrel (0,264 US Gallons)

1 UK Gallon = 4,54 liter

1 UK Pound lbs = 0,453 Kilo-Gramm

1 Barrel = 159 Liter (35 UK Gallons)

1 Liter = 0,22 UK Gallons

1 Kilogramm = 2,206 UK Pfund lbs

1 Liter = 0,006289 Barrel (0,22 UK Gallons)

1 DE Pfund = 0,5 kg

1 Kilogramm = 2 DE Pfund