

# SUTHERLAND TABLES

COMPARATIVE DOMESTIC HEATING COSTS

## Conversion of Unit Purchase Cost of Fuel

		Housecoal Gp 3 50Kg	Coalite Nuts 50Kg	Anthracite Nuts 50Kg	Cosicoke Coke 50Kg	Antracite Grains/Peas 50Kg	Electricity 1 kWh	Nat Gas 1 kWh	LPG Propane 1 Litre	LPG Butane 1 Litre	Kerosene 28 Second 1 Litre	Gas Oil 35 Second 1 Litre
Housecoal	50Kg	*****	1.06566	1.15895	1.11164	1.08517	0.00240	0.00240	0.01707	0.49184	0.02483	0.026032
Coalite	50Kg	0.93837	*****	1.08753	1.04314	1.0183	0.00225	0.00225	0.01601	0.46153	0.233	0.024427
Anthracite Nuts	50Kg	0.86285	0.91951	*****	0.95918	0.93634	0.00207	0.00207	0.01472	0.42438	0.02142	0.02246
Cosicoke	50Kg	0.89957	0.95864	1.04255	*****	0.97619	0.00216	0.00216	0.01535	0.442446	0.022338	0.023417
Anthracite Grains/Peas	50Kg	0.92951	0.98202	1.06798	1.02439	*****	0.00221	0.00221	0.01573	0.45324	0.02288	0.023989
Electricity	1 kWh	416.8	444.17	483.05	463.333	452.3	*****	1.0	7.113	205.0	10.35	10.85
Natural Gas	1kWh	416.8	444.17	483.05	463.333	452.3	1.0	*****	7.113	205.0	10.35	10.85
LPG Propane	1 Litre	58.5969	62.4448	67.9109	65.1389	63.5878	0.14059	0.14059	*****	28.82050	1.45508	1.525376
LPG Butane	1 Litre	2.03317	2.16668	2.35634	2.26016	2.20634	0.00488	0.00488	0.0347	*****	0.03048	0.052927
Kerosene (28 sec)	1 Litre	40.2705	42.9149	46.67149	44.76647	47.7004	0.09662	0.09662	0.68724	19.8067	*****	1.0483
Gas Oil (35sec)	1 Litre	38.4147	40.9373	44.5207	42.70323	41.6866	0.09217	0.09217	0.65558	0.44245	0.953392	*****

Method of Comparison:

1. Select fuel with known cost from the left hand column
2. Multiply the known cost by the factor in the table to get the equivalent raw fuel cost for the selected fuel in its own units

For Example: 28 Second Kerosene at 20 p/litre is equivalent to Natural Gas at  $(20 \times 0.09662) = 1.932$  p/kWh

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