Comparative Running Costs for Home Heating in Guernsey

Running hours	1600	hours
Heat Load	15	kW
Energy input	24000	kWh

Fuel	Measure	Cost per measure	Heat Produced kWh	Boiler Efficiency	Cost per Efficient kWh	Annual Cost	Monthly Cost	Potential Saving for Highlighted Oil User Monthly	Potential Saving for Highlighted Oil User Annual
Oil [1]	Litre	64.40	10.26	85%	7.384	£ 1,772.27	£ 147.69	£ 12.70	£ 152.45
Oil [1]	Litre	64.40	10.26	93%	6.749	£ 1,619.82	£ 134.99	£ -	£ -
EcoHeat100 [1]	Litre	99.00	10.26	93%	10.375	£ 2,490.10	£ 207.51	£ 72.52	£ 870.28
Gas [2]	unit	16.49	1	85%	19.404	£ 4,791.97	£ 399.33	£ 264.35	£ 3,172.15
Gas [2]	unit	16.49	1	94%	17.546	£ 4,346.10	£ 362.17	£ 227.19	£ 2,726.28
Electric (Standard Domestic Tariff) [3]	unit	19.78	1	100%	19.780	£ 4,819.08	£ 401.59	£ 266.60	£ 3,199.26
Electric (Super Economy 12) [4]	unit	8.57	1	100%	8.570	£ 2,128.68	£ 177.39	£ 42.40	£ 508.86
Electric (Super Economy 12) [5]	unit	8.57	1	100%	8.570	£ 2,943.50	£ 245.29	£ 110.31	£ 1,323.68
Electric (Superheat Domestic Boiler) [6]	unit	9.42	1	100%	9.420	£ 2,537.36	£ 211.45	£ 76.46	£ 917.54

[1] Planned delivery litre rate.

[2] Super Economy 24 Central Heating tariff of 16.493p per unit. The annual costs includes a service charge of 37.0194p per day, which equates to £135.12.

[3] The annual costs includes a service charge of £17.97 per quater, which equates to £71.88 per year.

[4] The Low Rate of 8.57p rises to 20.67p for every unit used during the 12hrs outside the twelve hour Low Rate. The Low units are a 10 hour period between 7:45pm & 8:15am and a 2 hour period between 12:00pm & 4:40pm. The annual costs includes a service charge of £17.97 per quater, which equates to £71.88 per year.

[5] Based on using 4hrs of heating outside of the Low Rate hours (subject to change from GEL). The Low Rate of 8.57p rises to 20.67p for every unit used outside the Low Rate timings. The annual costs includes a service charge of £17.97 per quater, which equates to £71.88 per year.

[6] The Superheat tariff is available 24 hours a day. It must be used in conjunction with another of GEL's tariff suitable for lighting and power.

Notes

1) This chart provides a basis for comparing running costs for identical systems using alternative fuels and assumes normal heating of 1600 hours for an average 2 bedroom house with a 15 kW load.

2) It does not necessarily indicate annual consumption.

3) These figures have been complied from information received and are believed to be correct at time of going to print.

Correct as at 20/01/22