

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	Annual
Oil ¹	Litre	84.10	10.26	85%	9.643	£ 2,314.41	£ 192.87	£ 16.59	£ 199.09
Oil ¹	Litre	84.10	10.26	93%	8.814	£ 2,115.32	£ 176.28	£ -	£ -
EcoHeat100 (Renewable Biofuel) ¹	Litre	131.35	10.26	93%	13.766	£ 3,303.78	£ 275.31	£ 99.04	£ 1,188.46
Gas (Standard 24)	unit	23.81	1	85%	28.009	£ 6,722.15	£ 560.18	£ 367.31	£ 4,407.73
Gas (Standard 24)	unit	23.81	1	94%	25.327	£ 6,213.66	£ 517.80	£ 341.53	£ 4,098.33
Gas (Super Economy 24) ²	unit	16.49	1	85%	19.404	£ 4,791.97	£ 399.33	£ 223.05	£ 2,676.64
Gas (Super Economy 24) ²	unit	16.49	1	94%	17.546	£ 4,346.10	£ 362.17	£ 185.90	£ 2,230.78
Electric (Standard) ³	unit	22.64	1	100%	22.640	£ 5,631.60	£ 469.30	£ 293.02	£ 3,516.28
Electric (Super Economy) ⁴	unit	10.41	1	100%	10.410	£ 2,696.40	£ 224.70	£ 48.42	£ 581.08
Electric (Super Economy) ⁵	unit	10.41	1	100%	10.410	£ 3,623.00	£ 301.92	£ 125.64	£ 1,507.68
Electric (Superheat) ⁶	unit	11.13	1	100%	11.130	£ 2,947.76	£ 245.65	£ 69.37	£ 832.44

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 Standard Rate is 22.64p per unit. The annual costs includes a service charge of £49.50 per quarter, which equates to £198 per year.

⁴ The Low Rate of 10.41p rises to 23.99p 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 £49.50 per quarter, which equates to £198 per year.

⁵ Based on using 4hrs of heating outside of the Low Rate hours (subject to change from GEL). The Low Rate of 10.41p rises to 23.99p for every unit used outside the Low Rate timings. The annual costs includes a service charge of £49.50 per quarter, which equates to £198 per year.

⁶ The Superheat tariff is 11.13p per unit and 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 compiled from information received and are believed to be correct at time of going to print.