

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	86.10	10.26	85%	9.873	£ 2,369.45	£ 197.45	£ 16.99	£ 203.82
Oil ¹	Litre	86.10	10.26	93%	9.023	£ 2,165.63	£ 180.47	£ -	£ -
EcoHeat100 (Renewable Biofuel) ¹	Litre	150.96	10.26	93%	15.821	£ 3,797.02	£ 316.42	£ 135.95	£ 1,631.39
Gas (Standard 24)	unit	25.71	1	85%	30.250	£ 7,259.92	£ 604.99	£ 407.54	£ 4,890.46
Gas (Standard 24)	unit	25.71	1	94%	27.353	£ 6,713.45	£ 559.45	£ 378.98	£ 4,547.82
Gas (Super Economy 24) ²	unit	17.81	1	85%	20.957	£ 5,178.29	£ 431.52	£ 251.06	£ 3,012.66
Gas (Super Economy 24) ²	unit	17.81	1	94%	18.950	£ 4,696.73	£ 391.39	£ 210.93	£ 2,531.10
Electric (Standard) ³	unit	23.89	1	100%	23.890	£ 6,006.60	£ 500.55	£ 320.08	£ 3,840.97
Electric (Super Economy) ⁴	unit	11.40	1	100%	11.400	£ 3,009.00	£ 250.75	£ 70.28	£ 843.37
Electric (Super Economy) ⁵	unit	11.40	1	100%	11.400	£ 3,975.90	£ 331.33	£ 150.86	£ 1,810.27
Electric (Superheat) ⁶	unit	12.24	1	100%	12.240	£ 3,214.16	£ 267.85	£ 87.38	£ 1,048.53

¹ Planned delivery litre rate.

² Super Economy 24 Central Heating tariff of 17.8134p per unit. The annual costs includes a service charge of 40.72p per day, which equates to £148.63.

³ The Standard Rate is 23.89p per unit. The annual costs includes a service charge of £68.25 per quarter, which equates to £273 per year.

⁴ The Low Rate of 11.4p rises to 25.31p 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 £68.25 per quarter, which equates to £273 per year.

⁵ Based on using 4hrs of heating outside of the Low Rate hours (subject to change from GEL). The Low Rate of 11.4p rises to 25.31p for every unit used outside the Low Rate timings. The annual costs includes a service charge of £68.25 per quarter, which equates to £273 per year.

⁶ The Superheat tariff is 12.24p 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.