

## 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 <sup>1</sup>	Litre	99.49	10.26	85%	11.408	£ 2,737.94	£ 228.16	£ 19.63	£ 235.52
Oil <sup>1</sup>	Litre	99.49	10.26	93%	10.427	£ 2,502.42	£ 208.54	£ -	£ -
EcoHeat100 (Renewable Biofuel) <sup>1</sup>	Litre	156.96	10.26	93%	16.450	£ 3,947.93	£ 328.99	£ 120.46	£ 1,445.51
Gas (Standard 24)	unit	28.28	1	85%	33.271	£ 8,148.42	£ 679.04	£ 450.87	£ 5,410.48
Gas (Standard 24)	unit	28.28	1	94%	30.085	£ 7,383.91	£ 615.33	£ 406.79	£ 4,881.49
Gas (Super Economy 24) <sup>2</sup>	unit	19.59	1	85%	23.047	£ 5,694.78	£ 474.56	£ 266.03	£ 3,192.36
Gas (Super Economy 24) <sup>2</sup>	unit	19.59	1	94%	20.840	£ 5,165.19	£ 430.43	£ 221.90	£ 2,662.76
Electric (Standard) <sup>3</sup>	unit	24.77	1	100%	24.770	£ 6,217.80	£ 518.15	£ 309.61	£ 3,715.38
Electric (Super Economy) <sup>4</sup>	unit	12.26	1	100%	12.260	£ 3,215.40	£ 267.95	£ 59.41	£ 712.98
Electric (Super Economy) <sup>5</sup>	unit	12.26	1	100%	12.260	£ 4,182.30	£ 348.53	£ 139.99	£ 1,679.88
Electric (Superheat) <sup>6</sup>	unit	13.22	1	100%	13.220	£ 3,449.36	£ 287.45	£ 78.91	£ 946.94

<sup>1</sup> Planned delivery litre rate.

<sup>2</sup> Super Economy 24 Central Heating tariff of 19.59p per unit. The annual costs includes a service charge of 44.79p per day, which equates to £163.48.

<sup>3</sup> The Standard Rate is 24.77p per unit. The annual costs includes a service charge of £86.75 per quarter, which equates to £347 per year.

<sup>4</sup> The Low Rate of 12.26p rises to 26.45p 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 £86.75 per quarter, which equates to £347 per year.

<sup>5</sup> Based on using 4hrs of heating outside of the Low Rate hours (subject to change from GEL). The Low Rate of 12.26p rises to 26.45p for every unit used outside the Low Rate timings. The annual costs includes a service charge of £86.75 per quarter, which equates to £347 per year.

<sup>6</sup> The Superheat tariff is 13.22p 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.