

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 | 80.49 | 10.26 | 85% | 9.229 | £ 2,215.07 | £ 184.59 | £ 15.88 | £ 190.54 |
| Oil ¹ | Litre | 80.49 | 10.26 | 93% | 8.436 | £ 2,024.52 | £ 168.71 | £ - | £ - |
| EcoHeat100 (Renewable Biofuel) ¹ | Litre | 150.96 | 10.26 | 93% | 15.821 | £ 3,797.02 | £ 316.42 | £ 147.71 | £ 1,772.50 |
| Gas (Standard 24) | unit | 28.28 | 1 | 85% | 33.271 | £ 8,148.42 | £ 679.04 | £ 494.45 | £ 5,933.36 |
| Gas (Standard 24) | unit | 28.28 | 1 | 94% | 30.085 | £ 7,383.91 | £ 615.33 | £ 446.62 | £ 5,359.39 |
| Gas (Super Economy 24) ² | unit | 19.59 | 1 | 85% | 23.047 | £ 5,694.78 | £ 474.56 | £ 305.85 | £ 3,670.25 |
| Gas (Super Economy 24) ² | unit | 19.59 | 1 | 94% | 20.840 | £ 5,165.19 | £ 430.43 | £ 261.72 | £ 3,140.66 |
| Electric (Standard) ³ | unit | 23.89 | 1 | 100% | 23.890 | £ 6,006.60 | £ 500.55 | £ 331.84 | £ 3,982.08 |
| Electric (Super Economy) ⁴ | unit | 11.40 | 1 | 100% | 11.400 | £ 3,009.00 | £ 250.75 | £ 82.04 | £ 984.48 |
| Electric (Super Economy) ⁵ | unit | 11.40 | 1 | 100% | 11.400 | £ 3,975.90 | £ 331.33 | £ 162.61 | £ 1,951.38 |
| Electric (Superheat) ⁶ | unit | 12.24 | 1 | 100% | 12.240 | £ 3,214.16 | £ 267.85 | £ 99.14 | £ 1,189.64 |

¹ Planned delivery litre rate.

² 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.

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.