

Comparative Running Costs for Home Heating in Jersey

Running hours	1600	hours
Heat Load	12	kW
Energy input	19200	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	47.42	10.26	85%	5.437	£ 1,043.99	£ 87.00	£ 7.48	£ 89.81
Oil ¹	Litre	47.42	10.26	93%	4.970	£ 954.18	£ 79.52	£ -	£ -
Gas ²	unit	14.74	1	85%	17.340	£ 3,465.10	£ 288.76	£ 209.24	£ 2,510.92
Gas ²	unit	14.74	1	94%	15.680	£ 3,146.33	£ 262.19	£ 182.68	£ 2,192.15
Electric (General Domestic) ³	unit	14.57	1	100%	14.570	£ 2,855.48	£ 237.96	£ 158.44	£ 1,901.29
Electric (Economy 7) ⁴	unit	7.71	1	100%	7.710	£ 1,549.16	£ 129.10	£ 49.58	£ 594.97
Electric (Economy 7) ⁵	unit	7.71	1	100%	7.710	£ 2,025.37	£ 168.78	£ 89.27	£ 1,071.18
Electric (Economy 20) ⁶	unit	10.19	1	100%	10.190	£ 2,025.32	£ 168.78	£ 89.26	£ 1,071.13
Electric (Economy 20) ⁵	unit	10.19	1	100%	10.190	£ 2,480.09	£ 206.67	£ 127.16	£ 1,525.90
Electric (Comfort Heat) ⁷	unit	8.00	1	100%	8.000	£ 1,604.84	£ 133.74	£ 54.22	£ 650.65

¹ Planned delivery litre rate.

² Super Economy 24 Central Heating tariff of 14.73925p per unit. The annual costs includes a service charge of 37.19554p per day, which equates to £135.76. NOTE: 6.5% price increase NOT reflected in this tariff.

³ The annual costs includes a daily service charge of 15.90p, which equates to £58.04 per year. Three phase daily service charges are higher (34.76p per day).

⁴ The Night Rate of 7.71p rises to 15.24p for every unit used during the 17hrs outside the seven hour Night Rate period. The Night Rate units are to be used within a 7 hour period between 11:00pm & 7:30am. The annual costs includes a daily service charge of 18.86p, which equates to £68.84 per year. Three phase daily service charges are higher (41.90p per day).

⁵ Based on using 4hrs of heating outside of the prescribed hours (subject to change from JEC). Economy 7 - The Night Rate of 7.71p rises to 15.24p for every unit used outside the Night Rate timings. Economy 20 - Rate 2 rises from 10.19p to 14.57p (Rate 3) when used between 1pm to 3pm & 5pm to 7pm.

⁶ The Economy 20, Rate 2 of 10.19p rises to 14.57p for every unit used during the 4 hours outside the twenty hour Rate 2 period. The Rate 1 units are to be used for general lighting and power but should you require heating during the 4 hour period, this would need to be from a separate source charged at the higher rate. The annual costs includes a daily service charge of 18.86p, which equates to £68.84 per year. Three phase daily service charges are higher (41.90p per day).

⁷ The Comfort Heat, Rate 3 of 8.00p rises to 10.86p (Rate 2) and 14.57p (rate 1) outside the 8 hours discounted rate between 12:00am to 7:00am, 10:00 am to 5:00pm and 7:00pm and 12:00am. Rate 2 is applicable between 11:00pm and 7:00am. Rate 3 is applicable between 7:00am and 11:00pm, outside the Rate 3 times. The annual costs includes a daily service charge of 18.86p, which equates to £68.84 per year. Three phase daily service charges are higher (41.90p per day).

Notes

1) This chart provides a basis for comparing running costs for identical systems using alternative fuel and assumes normal heating of 1600 hours for an average 2 bedroom house with a 12 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.

4) All prices excluding GST.

Correct as at 11/08/20