

Comparative Running Costs for Home Heating in Jersey

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	55.00	10.26	85%	6.307	£ 1,513.59	£ 126.13	£ 10.85	£ 130.20
Oil ¹	Litre	55.00	10.26	93%	5.764	£ 1,383.39	£ 115.28	£ -	£ -
EcoHeat100 ¹	Litre	99.00	10.26	93%	10.375	£ 2,490.10	£ 207.51	£ 92.23	£ 1,106.71
Gas ²	unit	14.73	1	85%	17.335	£ 4,296.09	£ 358.01	£ 242.73	£ 2,912.71
Gas ²	unit	14.73	1	94%	15.675	£ 3,897.76	£ 324.81	£ 209.53	£ 2,514.38
Electric (General Domestic) ³	unit	14.90	1	100%	14.900	£ 3,635.35	£ 302.95	£ 187.66	£ 2,251.96
Electric (Economy 7) ⁴	unit	7.89	1	100%	7.890	£ 1,964.01	£ 163.67	£ 48.39	£ 580.62
Electric (Economy 7) ⁵	unit	7.89	1	100%	7.890	£ 2,577.07	£ 214.76	£ 99.47	£ 1,193.69
Electric (Economy 20) ⁶	unit	10.42	1	100%	10.420	£ 2,571.21	£ 214.27	£ 98.99	£ 1,187.82
Electric (Economy 20) ⁵	unit	10.42	1	100%	10.420	£ 3,155.31	£ 262.94	£ 147.66	£ 1,771.93
Electric (Comfort Heat) ⁷	unit	8.18	1	100%	8.180	£ 2,033.61	£ 169.47	£ 54.19	£ 650.22

¹ Planned delivery litre rate.

² Super Economy 24 Central Heating tariff of 14.7345p per unit. The annual costs includes a service charge of 37.19554p per day, which equates to £135.76.

³ The annual costs includes a daily service charge of 16.26p, which equates to £59.35 per year. Three phase daily service charges are higher at 35.54p per day or £129.72 per year.

⁴ The Night Rate of 7.89p rises to 15.58p 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 19.29p, which equates to £70.41 per year. Three phase daily service charges are higher at 42.85p per day or £156.38 per year.

⁵ Based on using 4hrs of heating outside of the prescribed hours (subject to change from JEC). Economy 7 - The Night Rate of 7.89p rises to 15.58p for every unit used outside the Night Rate timings.

⁶ The Economy 20 rate of 10.42p rises to 14.90p for every unit used during the 4 hours outside the twenty hour period. The Power & Lighting rate units are to be used should you require heating during the 4 hour period and charged at the higher rate. The annual costs includes a daily service charge of 19.29p, which equates to £70.41 per year. Three phase daily service charges are higher at 42.85p per day or £156.40 per year.

⁷ The Comfort Heat rate of 8.18p rises to 11.11p (Low Period) and 14.90p (Normal Period) outside the 8 hours discounted rate between 12:00am to 7:00am, 10:00 am to 5:00pm and 7:00pm and 12:00am. Low Period is applicable between 11:00pm and 7:00am. Comfort Heat is applicable between 7:00am and 11:00pm, outside these times. The annual costs includes a daily service charge of 19.29p, which equates to £70.41 per year. Three phase daily service charges are higher at 42.85p per day or £156.40.

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.

4) All prices excluding GST.

Correct as at 06/07/21