

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	46.23	10.26	85%	5.301	£ 1,272.24	£ 106.02	£ 9.12	£ 109.44
Oil ¹	Litre	46.23	10.26	93%	4.845	£ 1,162.80	£ 96.90	£ -	£ -
Gas ²	unit	15.70	1	85%	18.471	£ 4,577.53	£ 381.46	£ 284.56	£ 3,414.73
Gas ²	unit	15.70	1	94%	16.702	£ 4,153.10	£ 346.09	£ 249.19	£ 2,990.30
Electric (General Domestic) ³	unit	14.90	1	100%	14.900	£ 3,635.50	£ 302.96	£ 206.06	£ 2,472.70
Electric (Economy 7) ⁴	unit	7.90	1	100%	7.900	£ 1,966.55	£ 163.88	£ 66.98	£ 803.76
Electric (Economy 7) ⁵	unit	7.90	1	100%	7.900	£ 2,579.60	£ 214.97	£ 118.07	£ 1,416.80
Electric (Economy 20) ⁶	unit	10.45	1	100%	10.450	£ 2,578.55	£ 214.88	£ 117.98	£ 1,415.76
Electric (Economy 20) ⁵	unit	10.45	1	100%	10.450	£ 3,164.00	£ 263.67	£ 166.77	£ 2,001.20
Electric (Comfort Heat) ⁷	unit	8.20	1	100%	8.200	£ 2,038.55	£ 169.88	£ 72.98	£ 875.76

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 39.61325p per day, which equates to £144.59. NOTE: 6.5% price increase calculated as tariff not published.

³ The annual costs includes a daily service charge of 16.30p, which equates to £59.50 per year. Three phase daily service charges are higher at 35.63p per day or £130.05 per year.

⁴ The Night Rate of 7.90p rises to 15.62p 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 19.33p, which equates to £70.56 per year. Three phase daily service charges are higher at 42.95p per day or £156.77 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 7.90p rises to 15.62p for every unit used outside the Night Rate timings. Economy 20 - Rate 2 rises from 10.45p to 14.93p (Rate 3) when used between 1pm to 3pm & 5pm to 7pm.

⁶ The Economy 20, Rate 2 of 10.45p rises to 14.93p 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 19.33p, which equates to £70.56 per year. Three phase daily service charges are higher at 42.95p per day or £156.77 per year.

⁷ The Comfort Heat, Rate 3 of 8.20p rises to 11.13p (Rate 2) and 14.93p (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 19.33p, which equates to £70.56 per year. Three phase daily service charges are higher at 42.95p per day or £156.77.

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 27/11/20