

COMPARATIVE HEATING COSTS - JERSEY - APRIL 2020
SPACE AND WATER HEATING FOR HOUSES
Built to 1980s Building Standards

FUEL sold in units of	Unit cost in pence (Inc GST)	Type of heating system	Average system % efficiency		Cost per useful kWh in pence	Annual standing charge (Inc GST) £	Cost of service & running & circulating pump	Fuel Supplier Discount £ or %	Annual cost of space & water heating for average size houses						
			space htg	dhw htg					2 Bed (1)	3 Bed (2)	4 Bed (3)				
E L E C T R I C I T Y	Jersey Electricity (JE)	15.30	Electric radiators	100	-	15.30	60.96	-	0.00	1610	2142	3075			
			Immersion water htr	-	70	21.86									
		Ground Source Heat Pump Underfloor	300	-	5.10	50.00							627	805	1116
			-	210	7.29										
		Radiators	210	-	7.29	786							1024	1452	
			-	210	7.29										
		Air Source Heat Pump Underfloor	250	-	6.12	50.00							731	944	1316
			-	175	8.74										
			Radiators	175	-										
		-	175	8.74											
JE Economy Seven Domestic Tariff (DD)															
Day Units	(a) 16.00	Storage htgs, living rooms	90	-	9.00										
		Electric rads, bedrooms	100	-	16.00										
Night Units	(b) 8.10	Immersion water htr, night	-	70	11.57										
Night Use = 90%		Immersion water htr, day	-	70	22.86	72.27	-	0.00	1031	1363	1948				
								0%							
JE Economy 20 Domestic Tariff (DD)															
	(a) 10.70	Electric radiators	93	-	11.51	72.27	-	0.00	1214	1609	2304				
		Immersion water htr	-	70	15.29			0%							
M A I N S	Jersey Gas Super Economy 24 Direct Debit Tariff	15.52	Gas fired boiler	70		22.16	142.91	50	0%	2691	3525	4939			
			Radiators & DHW cylinder		35	0.00							(4)		
G A S		15.52	Gas fired condensing boiler	85		18.25	142.91	50	0%	2209	2886	4040			
			Radiators & DHW cylinder		45	0.00							(4)		
L P G	Jersey Gas Super Economy 24 Direct Debit Tariff	a) 14.55	Gas fired boiler	70			181.45	50	0%	2527	3293	4522			
			b) 13.48	Radiators & DHW cylinder		35							25.88	(4)	(6)
		a) First 20000kWh b) After 20000kWh	a) 14.55	Gas fired condensing boiler	85			181.45	50	0%	2075	2710	3741		
				b) 13.48	Radiators & DHW cylinder		45							21.22	(4)
L P G	Jersey Gas Domestic Bulk	99.52 (5)	LPG fired boiler	70	-	19.99	124.77 (6)	50		2427	3179	4455			
			Radiators & DHW cylinder	-	35	39.98									
L P G		99.52 (5)	LPG fired condensing boiler	85	-	16.46	124.77 (6)	50		1993	2604	3644			
			Radiators & DHW cylinder	-	45	31.09									
O I L	Heating oil (ATF Fuels) 28 sec. viscosity Kerosene	48.90 (7)	Oil fired boiler	70	-	6.75	-	50		811	1065	1495			
			Radiators and DHW cylinder	-	35	13.50									
O I L		48.90 (7)	Oil fired condensing boiler	85	-	5.56	-	50		664	870	1222			
			Radiators and DHW cylinder	-	45	10.50									

Notes

- (1) Terraced 2 bedroom house, 7270 kWh space heating & 2000 kWh DHW heating.
- (2) Semi-detached 3 bedroom house, 10033 kWh space heating & 2500 kWh DHW heating.
- (3) Detached 4 bedroom house, 15412 kWh space heating & 3000 kWh DHW heating.
- (4) Cost/Useful kWh based on 3-bed house; 2-bed house figure will be higher; 4-bed house figure will be lower
- (5) Fuel delivered to 1200 litre storage cylinder. Rental shown in standing charge column.
- (6) Includes tank provision and renewal, plus annual safety inspection
- (7) Fuel delivered in 1000 litre drop