## COMPARATIVE HEATING COSTS - SCOTLAND - APRIL 2021 SPACE AND WATER HEATING FOR HOUSES

## BUILT TO COMPLY WITH 1980S BUILDING REGULATIONS & SAP STANDARDS, UPGRADED

FUEL sold in units of	Unit cost in		Build. Regs.  Min 2020 Replacement  / SAP default  efficiencies (%) *		Cost per useful	Annual standing charge	Cost of maintenance & running	Dual Fuel Supplier	Annual cost of space & water heating for average size houses		
	pence (Inc VAT)	Type of heating system	space	dhw	kWh in pence	(Inc VAT) £	circulating pump £	Discount £	2 Bed (1)	3 Bed (2)	4 B (3
SOLID FUEL											
Wood Pellets 1 Tonne (inc delivery charge)	30676.68	Pellet Boiler Radiators & DHW cylinder	75 -	- 55	8.70 11.87		35.0		1238	1654	242
Wood Logs (Kiln Dried Hardwood) 200kg (inc delivery charge)	8566.50	Independent log boiler Radiators & DHW cylinder	75 -	- 55	11.42 15.58	-	35.0		1614	2161	310
Wood Pellets 1 Tonne (inc delivery charge)	30676.68	Room heater with boiler Radiators & DHW cylinder	75 -	- 55	8.70 11.87	-	35.0		1238	1654	24:
Wood Logs (Kiln Dried Hardwood) 200kg (inc delivery charge)	8566.50	Room heater with boiler Radiators & DHW cylinder	67 -	- 55	12.79 15.58	-	35.0		1766	2368	348
ELECTRICITY											
Scottish Power Single Tier Tariff	18.42	Electric radiators, day Immersion water htr, day	100.00	- 70.00	18.42 26.31	104.94	_	0	2444	3251	472
(paying cash/cheque on Receipt of Bill)		Ground Source Heat Pump Underfloor	220.0	-	8.37		50.0	0 (8)	1168	1523	218
		Radiators	- 175.0	200.00 - 200.00	9.21 10.53 9.21				1386	1820	263
		Air Source Heat Pump Underfloor	220.0	-	8.37		50.0		1168	1523	21
		Radiators	- 175.0 -	200.00 - 200.00	9.21 10.53 9.21				1386	1820	263
White Meter No.1 Single Tier Tariff (paying by Direct Debit) Night units	a) 21.33 b) 9.42	Storage htrs, living rooms Electric rads, bedrooms Immersion water htr, night	90.0 100.0 -	- - 70	10.47 21.33 13.46						
	5) 5.42	Immersion water htr, day	-	70	30.48	88.8	-	0 0 (9)	1674	2224	32
NATURAL GAS											
British Gas Single tier, Direct Debit Tariff	3.11	Gas fired condensing combination boiler Radiators	90 -	- 75	3.45 4.14	95.8	55.0	0	617	779	10
	3.11	Gas fired condensing boiler Radiators & DHW cylinder	90 -	- 65	3.45 4.78	95.8	55.0	0	629	795	10
Scottish Power Direct Debit Tariff	3.11	Gas fired condensing combination boiler	90 -	- 75	3.45 4.14	95.8	55.0	0	617	779	10
	3.11	Radiators Gas fired condensing boiler Radiators & DHW cylinder	90 -	- 65	3.45 4.78	95.8	55.0	0 (10)	629	795	109
LDC								, ,			
LPG	47.25	LPG fired condensing	90	_	7.38						
Propane 1 Litre	(5) 47.25	combination boiler Radiators LPG fired condensing boiler	- 90	- 75 -	7.38 8.86 7.38	59 (6)	55.0		1111	1458	210
	(5)	Radiators & DHW cylinder	-	65	10.22	59.2 (6)	55.0		1138	1492	214
OIL											
Kerosene	40.07 (7)	Oil fired condensing combination boiler	86 -	- 73	4.50 5.30	-	55.0		661	872	126
		Radiators Oil fired condensing boiler	88	-	4.40						

## Notes

- (1) Terraced 2 bedroom house, 11100 kWh space heating & 2000 kWh DHW heating.
- (1) Terraced 2 bedroom house, 11100 kWh space heating & 2000 kWh DHW heating.
  (2) Semi-detached 3 bedroom house, 15200 kWh space heating & 2500 kWh DHW heating.
- (3) Detached 4 bedroom house, 23300 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 to 2725 litre storage tank.
- (8) Discount applied to unit cost for customers paying by direct debit
- (9) Any direct debit discounts available already taken into account in unit cost
- (10) Discount for Dual Fuel
- \* SAP default values used where SAP value greater than Building Regs. default value and/or where Building Regs. did/does not stipulate minimum values

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