Energy Consumption Study

the economy-radiator company
The electric heating specialist

The Property

Peter Church, 3 Briar Cottage
Church Lane,Bagby
Thirsk, YO7 2PW

This is a small 2 bed end terrace cottage with 3 outside walls and poor insulation

All electric supply

Electrical Appliances

Heating 6 kw
The heating is set to Constant 20 degrees /
24 hours / 7 days

The energy consumption of the following main electrical appliances are also included in the figures.

- Electric Cooker
- Electric Fridge
- Electric Lights

Our Conclusion

Based on accumulative consumption over a period of time the average cost per month = **£61.98 (2012 actual)**
£73.70 (estimate 2013 if you pay 11p)
£80.40 (estimate 2013 if you pay 12P)

A higher rate and you really should shop around on comparison websites such as www.ukpower.co.uk

This calculation is what we actually achieved in 2012 and is merely intended as an example.

Average running costs from around 1p to 2p per hour using live data

Date of reading	New Meter Reading kw Accumulative	days	kw units per day	Price paid 9.25 p kwh	cost per day 6 kw +	cost per hour 6kw +	cost per kw per hour (div by 6 kw)
10.02.12	Zero						
28.02.12	677	18	38	£62.62	£3.48	£0.14	£0.024
02.04.12	1476	33	24	£73.91	£2.24	£0.09	£0.011
01.05.12	2218	29	26	£68.64	£2.37	£0.10	£0.016
31.05.12	2841	31	20	£57.63	£1.86	£0.08	£0.013
03.06.12	3184	30	11	£31.73	£1.06	£0.04	£0.007
30.07.12	3486	30	10	£27.94	£0.93	£0.04	£0.006
31.08.12	3775	31	9	£26.73	£0.86	£0.04	£0.01
30.09.12	4289	30	17	£47.55	£1.58	£0.07	£0.01
28.10.12	5073	28	28	£72.52	£2.59	£0.11	£0.02
30.11.12	6173	30	34	£101.75	£3.39	£0.14	£0.02
04.01.13	7259	35	31	£100.46	£2.87	£0.12	£0.02
Totals	**7259**	**325**	**22**	**£671.46**	**£2.07**	**£0.09**	**£0.0143**

cost per hour for a 1kw heater

Based on accumulative consumption over a period of time the average cost per month = **£61.98**

Note :

This measurement covers ALL electric not just radiators but **100% of all our electrical consumption.** The analysis assumes all consumption is via the radiators which clearly is an unfair judgement of the device.

With this in mind it is a very impressive result isn't it ? The meter readings are real and anyone is free to inspect the meter.

Please check your current electric rate and do the maths yourself.

Check current rates on comparison websites such as www.ukpower.co.uk
Beware 60% of the population is paying a price 30% higher than they should have to. Shopping around is paramount as you could be one of the 60%.
At September 2013 prices were fluctuating around 10 to 12p.