



# More Energy Price Rises in the Pipeline

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## In This Issue

- Energy Price Rises in the Pipeline
- How much will HEAT4 save?
- Smart Phone Apps
- HEAT4 Distributors and Installers

## Useful Web Sites



## UK Energy Price Rises

The earthquake in Japan and unrest in the Middle East are sending energy prices soaring. In its latest quarterly inflation report the Bank of England warned gas prices could increase by 15% and electricity prices by 10%. Also the forward wholesale price of gas for delivery next winter is already running about 25% higher than last year. Even with the best intentions of government watchdogs and the co-operation of producers, energy price rises for end consumers are already in the pipeline.

## How much will HEAT4 save us?

We are often asked this difficult question and always want to give as accurate an answer as possible. So much depends on your building's current level of control, and how keen your organisation is to save energy. HEAT4 gives you the knowledge and power to achieve the very best performance from your heating systems, old or new. Its intelligent automatic features and accurate control of temperature are bound to save over time clock controls.

***"Lowering heating temperatures by just 1°C can save 8% on fuel consumption"***<sup>1</sup>.

HEAT4's "predictive start" feature recommended by the Carbon Trust and usually only found in expensive 'Building Management Systems' will save you energy.

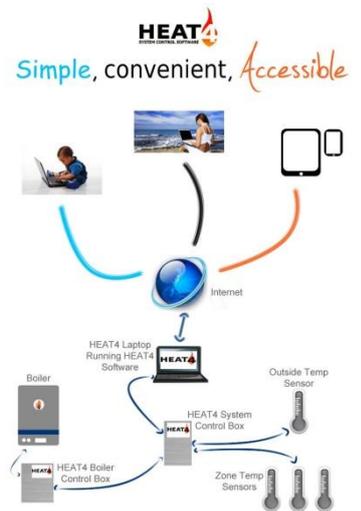
***"This can often provide a 10% efficiency improvement, even compared to a well set seven-day time switch"***<sup>2</sup>.



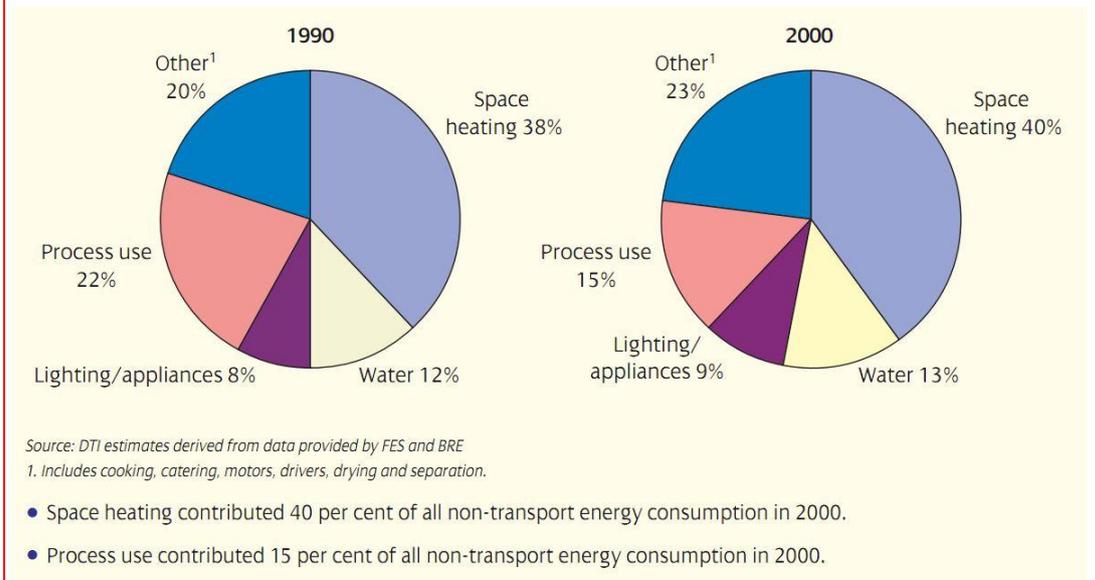
But then there is also a lot of energy to be saved from the sheer convenience and ease of use of your HEAT4 system. A lot of emphasis on the campaign to reduce energy consumption and CO<sub>2</sub> emissions is being rightly placed on what the

experts call ***"human factors"*** and ***"ergonomics"***. In other words, how motivated are we to change behaviour to reduce waste, and how well designed and easy to use are our "machines and systems" to help us. One thing is certain, if we were starting afresh today we would not be designing "control clocks"; even the digital portable ones which have evolved from the early mechanical models.

HEAT4 came from a good understanding of the "human factors" and "ergonomic" improvement opportunities that modern computing and internet technology offered. Also the knowledge that space heating control is the real "big win" in energy saving strategies. It has however been a rather neglected sector in energy saving both for individual households/organisations and the UK economy as a whole.



**Chart 1.6**  
**Final energy consumption by end use, 1990 and 2000**



Reproduced under Open Government Licence from "Energy Consumption in the UK" published by the dti

Because the HEAT4 is centred around our own software running on the ubiquitous PC, the system is subject to rapid process improvement into the future. We are dedicated to refining the control algorithms and providing new and improved features driven by our customers experience and requirements. We find that those responsible for setting the heating really appreciate and enjoy using HEAT4. It makes their lives easier and makes energy saving interesting and less of a chore.

So our answer to the "how much will it save us?" question is in the majority of cases, "its up to you, but **20% per annum** would be a very realistic target and it could easily be more. Also the gains from the sheer convenience HEAT4 offers people responsible for heating system performance should not be underestimated"

Refs 1&2 CTG002 Technology Guide "Heating control- Maximising comfort, minimising energy consumption" The Carbon Trust

## Two new Smart Phone "Apps" give excellent access to your HEAT4 system while on the move.



HEAT4 users are very pleased with the latest Iphone and Android versions of LogMeIn's remote access application. They have been very well thought out and engineered. The ergonomics are just right. It puts all the power of your HEAT4 system in the palm of your hand wherever you have internet coverage. You can receive a phone call asking for a change to the heating programme and set it up as you speak. The same apps also work on the increasingly popular iPads and tablet PCs



## Heat4 Services Ltd and ARRA Developments & Services

Telemetry-Online Ltd is very pleased to announce two excellent companies with whom we have made exclusive sales and installation agreements for our HEAT4 and PROCESS4 products. Heat 4 Services Ltd covers the UK mainland and ARRA Developments & Services cover the whole of Ireland. Their knowledgeable staff will be very pleased to discuss your organisations particular heating control requirements without obligation.

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