



the electric heating company

ENERGY INFORMATION PACK

The Electric Heating Company Limited

Heating Economy Guide

Electric heating is affordable if certain guidelines are followed. The main steps are:

When heating is required the thermostat should be set to the “comfort” temperature which is 21 degrees. Higher temperatures will incur higher costs.

Reducing room temperatures at night and in unoccupied rooms can significantly reduce your heating bills.

Always operate a closed door policy.

Outside doors should always remain shut. Internal doors, such as bedrooms etc. should be kept closed.

Each radiator has an integral programmer/thermostat so that room temperatures can be set individually. The programmer controls the time periods when the heating goes “on and off” to the desired temperature.

In the event you have an EHC programmer the following instructions will apply. The select key gives you four options which are as follows:

- On** The heating is on 24 hours a day
- Off** The heating is switched off altogether
- Auto** The heating can be programmed to go “on” and “off” up to three times a day
- All day** The heating will operate from the first programmed time until the last programmed time

Some programmers may use other words to describe the above choices but the meaning will be the same.

Instructions for programming the heating times are in the booklet; however a shorter version appears on the inside of the “pull down” cover.

Keeping A Warm Home

There are a range of measures that can be taken to help keep your home warm during winter. If you need help, contact your local council or the organisations listed in this guide.

Conserving heat

Conserving heat within your home – and keeping cold out – will make for a warmer home without building up high energy bills. Free, independent energy advice can be obtained from **Energy Savings Trust – 0800 512012** or their website **www.energysavingtrust.org.uk**

Draughts

Draughts are a common cause of energy loss within the home. They can be reduced with relatively simple inexpensive measures.

Fit draught seals around windows and door openings.

Fit draught strips to the bottom of the doors and fit internal letterbox covers.

If possible, hang heavy curtains on windows and doors. Use plastic or clear film secondary glazing to cut draughts and heat loss in window areas if required. It is important that draught strips should be fixed securely to the bottom of doors to prevent accidents.

Ventilation ducts and bricks should not be blocked, especially in rooms with gas or open fires. They ensure circulation of fresh air.

Insulation

Heat will always escape through the structure of the house I.E. The roof, windows, doors and walls. Insulation and double glazing will reduce the rate of heat loss which will keep your home warmer and help reduce energy bills.

Loft

You should insulate your loft to prevent unnecessary heat loss.

A 270mm thickness of insulation quilt is recommended. Often older houses may have no insulation at all in the loft, or in some cases less than the recommended amount.

Walls

Older houses with a cavity wall may benefit from having insulation material injected into the cavity.

Doors & Windows

In the evening close your curtains to reduce heat loss. Double glazing or secondary glazing will keep rooms warmer and quieter.

Lagging Hot Water Cylinders & Pipes

Energy may be going to waste in your home if the hot water system is not properly insulated. A jacket to insulate the hot water cylinder can be bought which is usually easy to fit. The jacket should have a british standards “kite mark” on the label.

Newer hot water cylinders are supplied with an insulation coating. Hot water pipes can be lagged to prevent heat escaping. Exposed pipes in the roof space, or other areas where they may freeze in cold weather, should also be lagged.

Heating Your Home

The ideal living room temperature for older people is 21°C (70°F). This is not simply a question of comfort. Once room temperatures start to drop, the threat to health is greater, and the risk of respiratory illness, stroke, heart attack and hypothermia increase.

Whatever the heating system, try to make sure that your main living room is kept at this temperature while you are using it.



Economy 10 Off-Peak Times

The Economy 10 Tariff is supplied by SSE which offers 10 hours of off-peak energy every day. This off-peak energy is not just for heating but for whole house electricity consumed during these hours. The off-peak hours differ throughout the UK. Please see the following times in the various regional areas.

Regional Electricity Supplier	Off Peak Times	Regional Electricity Supplier	Off Peak Times
Midlands	00:00 - 05:00 13:00 - 16:00 20:00 - 22:00	Yorkshire	00:00 - 05:00 13:00 - 16:00 20:00 - 22:00
South Wales	00:00 - 05:00 13:00 - 16:00 20:00 - 22:00	Scottish Hydro	04:30 - 07:30 13:00 - 16:00 20:30 - 00:30
South Western	00:00 - 05:00 13:00 - 16:00 20:00 - 22:00	Scottish Power	04:30 - 07:30 13:30 - 16:30 20:30 - 00:30
South Eastern	00:00 - 05:00 13:00 - 16:00 20:00 - 22:00	Manweb	04:30 - 07:30 13:30 - 16:30 20:30 - 00:30
London	00:00 - 05:00 13:00 - 16:00 20:00 - 22:00	Norweb	00:00 - 05:00 13:00 - 16:00 20:00 - 22:00
Eastern	00:00 - 05:00 13:00 - 16:00 20:00 - 22:00	Southern	00:00 - 05:00 13:00 - 16:00 20:00 - 22:00
East Midlands	00:00 - 05:00 13:00 - 16:00 20:00 - 22:00	Northern	00:00 - 05:00 13:00 - 16:00 20:00 - 22:00

Using Heat Efficiently

- Make sure you know how the controls work on your heaters or heating system.
- Set the thermostat controls for each heater or central heating radiators to maintain room temperatures at 21°C (70°F) during the periods you are using them.
- Don't let rooms get too hot. Adjust the heating controls if they do.
- Set your timer to bring heating on automatically in living rooms about half an hour before you get up. In very cold weather, set the timer to bring heating on earlier.
- Bedrooms should be warmed before going to bed.

This information has been provided by the Energy Savings Trust, for further advice please call

England- 0800 444 202 **Scotland-** 0808 808 2282 **Wales-** 0808 808 2244 **NI-** 0800 111 4455

When having an EHC heating system installed, it is essential you choose the best available electric tariff to help run your heating system as economically as possible. These tariffs include Economy 10 tariffs supplied by companies such as SSE or single rate tariffs which are offered by all energy companies.

As the bill payer, it is your responsibility to ensure you are on the correct tariff for the type of heating installed.

Economy 10 Electricity Tariff Best Practice

In relation to the Economy 10 tariff, the following rules should be applied to save energy and money.

Central Heating

Always heat the house from "cold" in the "Off-Peak" period where practical.

Hot Water

Domestic Hot Water should ALWAYS be programmed to go on and off during the "Off-Peak" times. Although there is a boost facility within your hot water programmer please ensure that whenever possible this is used only during the "Off-Peak" period.

Electrical Appliances

Whenever possible, use major electrical appliances e.g. electric shower, washing machine, tumble dryer, etc. in the "Off-Peak" period as all electricity used in the property during these periods will be charged at the "Off-Peak" rate.

Should you use your electrical appliances in the hours which are not "Off-Peak" you will be charged at the Domestic Rate which will increase your overall electricity bill.



Staying With Your Current Supplier?

If this tariff does not suit your lifestyle or you wish to stay with your existing supplier, we advise you to contact them to request their best available single rate tariff. A single rate tariff means you will not have any peak/off-peak energy, all consumption will be charged at the same rate 24 hours a day.

Alternatively, you can shop around using comparison websites to find an energy company offering the best single rate deals in your area.

Typical Running Cost Details

	KW's per day	Cost Per Day	Ave. Tariff	Cost Per Week	Cost Per Month
One Bedroom Flat, Tenant in all day	18	£3.42	19p	£29.61	£122.14
One Bedroom Flat, Tenant Working	14	£2.66	19p	£22.77	£92.47
Two Bedroom Flat, Tenant in all day	21	£3.99	19p	£33.44	£138.79
Two Bedroom Flat, Tenant Working	17	£3.23	19p	£27.89	£114.67
Two Bedroom Flat, Tenant in all day	28	£5.32	19p	£44.94	£188.76
Two Bedroom Flat, Tenant Working	24	£4.56	19p	£38.45	£160.54
Three Bedroom House, Tenant in all day	31	£5.89	19p	£50.31	£212.14
Three Bedroom House, Tenant Working	27	£5.13	19p	£44.06	£184.93

All figures quoted include VAT @ 5%

The figures do include Cooking and Lighting etc

The figures do include Standing Charges

DISCLAIMER

The above Running Cost data is indicative to property size and user's lifestyle. The Electric Heating Company will not be held responsible for excessive electricity consumption when using our products.

Heating System Controls

Quick Instructions For Single Channel Programmer

How to change times from factory settings:

1. Lower the cover on the front of unit
2. Move the selector switch to the **prog set** position
3. You can now program zone 1
4. Press the + or - buttons to adjust the p1 on time. Press ok
5. Press the + or - buttons to adjust the p1 off time. Press ok
6. Repeat this process to adjust the **on & off** times for **p2 & p3**
7. When completed, move the selector switch to the **run** position

Please note the above instructions only apply to EHC Programmers

Quick Programmer Instructions For Twin Programmer

How to change times from factory settings:

1. Lower the cover on the front of unit
2. Move the selector switch to the **prog set** position
3. You can now program zone 1
4. Press the + or - buttons to adjust the p1 on time. Press ok
5. Press the + or - buttons to adjust the p1 off time. Press ok
6. Repeat this process to adjust the **on & off** times for **p2 & p3**
7. Press **zone select** and repeat the above process to adjust **on & off** Times for **zone 2**
8. When completed, move the selector switch to the **run** position

Please note the above instructions only apply to EHC Programmers

Here Today For Your Tomorrow



The Fusion Comet Electric Boiler

Is the most complete Electric Boiler on the market today. Unlike most electric boilers the Fusion Comet has been designed to eliminate unnecessary external plumbing and pipework. It is the perfect solution for properties with no access to mains gas supply and homes that have gas boiler restrictions e.g. Listed Buildings or bed-sit sleeping areas. The Boiler is the ideal choice for wet central heating however it is also suitable for Under Floor Heating.

EHC supply a range of Central Heating & Hot Water Packs that include the **Comet** or **SlimJim Electric Boiler, Direct or Indirect Unvented Stainless Steel Cylinder plus Controls**. These packs are available in various combinations of outputs and capacities and are competitively priced. To reduce installation time and as a further assistance to the busy installer we also supply the above packs with Pre Plumbed Cylinders.



EHC also supply a range of German Electric Radiators.

The **EHC Combination Radiators** look like conventional "wet" system radiators, heat up and operate like "wet" system radiators and all without the requirement of a central heating boiler. The range has been developed to accommodate the smallest easy-to-heat room to the larger hard-to-heat room. All electric radiators can be supplied with in-built **DSR 24/7 Time & Temperature** or **Radio Frequency Controls**. All EHC Combination Radiators comply with the latest energy efficiency standards and are 'LOT 20' compliant.



Contact us for a quote or more information
www.electric-heatingcompany.co.uk

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products across the UK

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