

# Energy performance certificate (EPC)

20 Maynard Road HEMEL HEMPSTEAD HP2 4TR	Energy rating <div>D</div>	Valid until:	10 August 2032
		Certificate number:	2900-2298-0322-7194-3823

**Property type**  
Semi-detached house

**Total floor area**  
112 square metres

**Rules on letting this property**

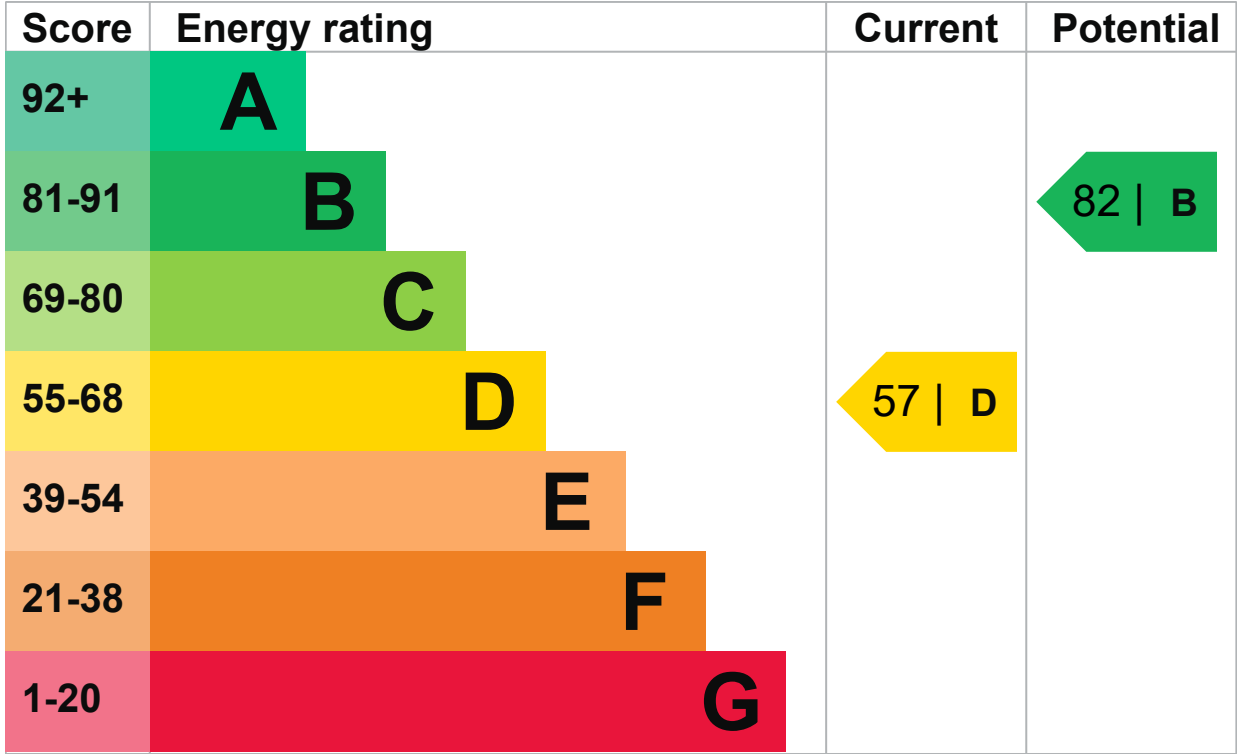
Properties can be rented if they have an energy rating from A to E.

If the property is rated F or G, it cannot be let, unless an exemption has been registered. You can read [guidance for landlords on the regulations and exemptions](https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance) (<https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance>).

**Energy efficiency rating for this property**

This property's current energy rating is D. It has the potential to be B.

[See how to improve this property's energy performance.](#)



The graph shows this property’s current and potential energy efficiency.

Properties are given a rating from A (most efficient) to G (least efficient).

Properties are also given a score. The higher the number the lower your fuel bills are likely to be.

For properties in England and Wales:

- the average energy rating is D
- the average energy score is 60

Breakdown of property’s energy performance

This section shows the energy performance for features of this property. The assessment does not consider the condition of a feature and how well it is working.

Each feature is assessed as one of the following:

- very good (most efficient)
- good
- average
- poor
- very poor (least efficient)

When the description says “assumed”, it means that the feature could not be inspected and an assumption has been made based on the property’s age and type.

Feature	Description	Rating
Wall	Solid brick, as built, no insulation (assumed)	Very poor
Wall	Cavity wall, as built, no insulation (assumed)	Poor
Roof	Pitched, 100 mm loft insulation	Average

Feature	Description	Rating
Roof	Flat, no insulation (assumed)	Very poor
Window	Fully double glazed	Average
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer and room thermostat	Average
Hot water	From main system	Good
Lighting	Low energy lighting in 67% of fixed outlets	Good
Floor	Suspended, no insulation (assumed)	N/A
Floor	Solid, no insulation (assumed)	N/A
Floor	To unheated space, no insulation (assumed)	N/A
Secondary heating	Room heaters, mains gas	N/A

## Primary energy use

The primary energy use for this property per year is 310 kilowatt hours per square metre (kWh/m2).

► [What is primary energy use?](#)

## Additional information

Additional information about this property:

- Cavity fill is recommended

### Environmental impact of this property

This property’s current environmental impact rating is E. It has the potential to be C.

Properties are rated in a scale from A to G based on how much carbon dioxide (CO2) they produce.

Properties with an A rating produce less CO2 than G rated properties.

### An average household produces

6 tonnes of CO2

### This property produces

6.1 tonnes of CO2

### This property’s potential production

2.4 tonnes of CO2

By making the [recommended changes](#), you could reduce this property’s CO2 emissions by 3.7 tonnes per year. This will help to protect the environment.

Environmental impact ratings are based on assumptions about average occupancy and energy use. They may not reflect how energy is consumed by the people living at the property.

## Improve this property's energy performance

By following our step by step recommendations you could reduce this property's energy use and potentially save money.

Carrying out these changes in order will improve the property's energy rating and score from D (57) to B (82).

► [Do I need to follow these steps in order?](#)



### Step 1: Increase loft insulation to 270 mm

Increase loft insulation to 270 mm

#### Typical installation cost

£100 - £350

#### Typical yearly saving

£28

#### Potential rating after completing step 1

58 | D

### Step 2: Flat roof or sloping ceiling insulation

Flat roof or sloping ceiling insulation

#### Typical installation cost

£850 - £1,500

#### Typical yearly saving

£50

#### Potential rating after completing steps 1 and 2

59 | D

### Step 3: Cavity wall insulation

Cavity wall insulation

#### Typical installation cost

£500 - £1,500

## Typical yearly saving

£63

## Potential rating after completing steps 1 to 3

62 | D

## Step 4: Internal or external wall insulation

Internal or external wall insulation

### Typical installation cost

£4,000 - £14,000

### Typical yearly saving

£137

## Potential rating after completing steps 1 to 4

66 | D

## Step 5: Floor insulation (suspended floor)

Floor insulation (suspended floor)

### Typical installation cost

£800 - £1,200

### Typical yearly saving

£113

## Potential rating after completing steps 1 to 5

71 | C

## Step 6: Low energy lighting

Low energy lighting

### Typical installation cost

£20

## Typical yearly saving

£25

## Potential rating after completing steps 1 to 6

71 | C

## Step 7: Heating controls (thermostatic radiator valves)

Heating controls (TRVs)

### Typical installation cost

£350 - £450

### Typical yearly saving

£31

## Potential rating after completing steps 1 to 7

72 | C

## Step 8: Solar water heating

Solar water heating

### Typical installation cost

£4,000 - £6,000

### Typical yearly saving

£26

## Potential rating after completing steps 1 to 8

73 | C

## Step 9: Solar photovoltaic panels, 2.5 kWp

Solar photovoltaic panels

### Typical installation cost

£3,500 - £5,500

## Typical yearly saving

£357

## Potential rating after completing steps 1 to 9

82 | B

## Paying for energy improvements

[Find energy grants and ways to save energy in your home. \(https://www.gov.uk/improve-energy-efficiency\)](https://www.gov.uk/improve-energy-efficiency)

### Estimated energy use and potential savings

### Estimated yearly energy cost for this property

£1203

### Potential saving

£473

The estimated cost shows how much the average household would spend in this property for heating, lighting and hot water. It is not based on how energy is used by the people living at the property.

The potential saving shows how much money you could save if you [complete each recommended step in order](#).

For advice on how to reduce your energy bills visit [Simple Energy Advice \(https://www.simpleenergyadvice.org.uk/\)](https://www.simpleenergyadvice.org.uk/).

## Heating use in this property

Heating a property usually makes up the majority of energy costs.

### Estimated energy used to heat this property

Type of heating	Estimated energy used
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Space heating	19310 kWh per year
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Water heating	2071 kWh per year
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### Potential energy savings by installing insulation

Type of insulation	Amount of energy saved
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Loft insulation	612 kWh per year
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Cavity wall insulation	1340 kWh per year
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Solid wall insulation	2899 kWh per year
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### Contacting the assessor and accreditation scheme



This EPC was created by a qualified energy assessor.

If you are unhappy about your property's energy assessment or certificate, you can complain to the assessor directly.

If you are still unhappy after contacting the assessor, you should contact the assessor's accreditation scheme.

Accreditation schemes are appointed by the government to ensure that assessors are qualified to carry out EPC assessments.

## Assessor contact details

### Assessor's name

Muhammad Abbasi

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### Telephone

01442939006

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### Email

[info@smartpropertyservice.co.uk](mailto:info@smartpropertyservice.co.uk)

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## Accreditation scheme contact details

### Accreditation scheme

Elmhurst Energy Systems Ltd

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### Assessor ID

EES/024362

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### Telephone

01455 883 250

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### Email

[enquiries@elmhurstenergy.co.uk](mailto:enquiries@elmhurstenergy.co.uk)

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## Assessment details

### Assessor's declaration

No related party

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### Date of assessment

11 August 2022

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**Date of certificate**11 August 2022

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**Type of assessment** [RdSAP](#)

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**Other certificates for this property**

If you are aware of previous certificates for this property and they are not listed here, please contact us at [dluhc.digital-services@levellingup.gov.uk](mailto:dluhc.digital-services@levellingup.gov.uk) or call our helpdesk on 020 3829 0748.

**Certificate number**[0848-0092-6238-7062-2980 \(/energy-certificate/0848-0092-6238-7062-2980\)](#)**Expired on**3 August 2022

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**Certificate number**[8208-4297-3629-5926-0503 \(/energy-certificate/8208-4297-3629-5926-0503\)](#)**Expired on**24 May 2020

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