

## Renewable Heat Incentive fact sheet

The Non-Domestic and Domestic Renewable Heat Incentive (RHI) schemes are the first of their kind in the world. They have been designed to increase the uptake of renewable heat technologies and reduce the UK's carbon emissions. The schemes have been developed by DECC and will be administered by OFGEM.

### how they work

There are currently two RHI schemes in operation. Phase 1 supports non domestic installations and opened for applications in November 2011 to industry, businesses and public sector organisations. Phase 2 supports domestic installations and launched on 9 April 2014 for homeowners, private landlords, social landlords and self builders.

Both schemes provide an incentive payment per kWh of eligible renewable heat generated by accredited installations. Payments are made on a quarterly basis for a period of 20 years for the non-domestic scheme and 7 years for the domestic scheme. All payments will be index linked annually.

In order to apply for RHI accreditation the installation must meet certain eligibility criteria. The eligibility requirements vary depending on the scheme and the technology being installed and are summarised below (please note that this list is not exhaustive and other requirements will apply depending on the technology type, size and fuel type):

#### Non-Domestic and Domestic Schemes

- The applicant is the owner of the renewable heating system
- The owner's identity has been verified by OFGEM and their bank details have been validated.
- The plant is an eligible renewable heat technology type and size (see tables below)
- The installation was completed and the plant first commissioned on or after 15 July 2009
- No grants from public funding have been or will be received for purchasing or installing the eligible installation

#### Non-Domestic Scheme Only

- The plant is providing heat for at least one eligible heat use: heating a space; heating water; or carrying out a process where the heat is used within a building

- The metering arrangements are correct – right type of meters, calibrated, and placed in correct locations according to whether the installation is classed as 'standard' or 'multiple'.
- The installation is not solely heating a single domestic premises
- The plant uses either liquid or steam as the heat delivery medium
- The plant was new at the time of installation

#### Domestic Scheme Only

- The applicant owns or occupies the property which is being heated
- The renewable heating system must only heat a single domestic property which has, or is able to get, an Energy Performance Certificate (EPC)
- The EPC must state either house, bungalow, maisonette or flat under 'dwelling type'
- A Green Deal Assessment must have been carried out on the property and any recommended loft and/or cavity wall insulation installed and evidenced through an updated EPC
- The renewable heating system must be certified under the Microgeneration Certification Scheme (MCS) and been installed by an MCS-certified installer and have an MCS certificate
- The product to be installed must be on the OFGEM Product Eligibility List
- The heating system must be installed after the property is first occupied, unless the property is an eligible new build (self-build)
- The RHI application must be received within 12 months from commissioning, or for 'legacy' applicants within 12 months of the scheme opening
- The plant is providing heat for space and/or domestic hot water heating (hot water only for solar thermal)
- The plant uses liquid as the heat delivery medium

## eligible technologies, sizes and tariffs (from 1 July 2016 to 30 September 2016)

Non-Domestic Scheme / Phase 1			
Tariff Name	Eligible Technology	Eligible Size	Tariff (p/kWh) on or after 1 July 2016
Small commercial biomass	Solid biomass including solid biomass contained in municipal solid waste and commercial and industrial waste	Less than 200 kWth	Tier 1: 3.26 Tier 2: 0.86
Medium commercial biomass		200 kWth and above; less than 1 MWth	Tier 1: 5.24 Tier 2: 2.27
Large commercial biomass		1 MWth and above	2.05
Biomass CHP	CHP Quality Assurance certified and metered engine/turbine heat only	All sizes	4.22
Commercial heat pumps	Ground-source heat pumps; Water Source heat pumps.	All sizes	Tier 1: 8.95 Tier 2: 2.67
Air to Water Heat Pumps	Technologies utilising ambient heat	All sizes	2.57
Solar collectors	All solar thermal	Less than 200 kWth	10.28
Biomethane	Biomethane injection to gas grid	All sizes	Tier 1: 4.55 Tier 2: 2.67 Tier 3: 2.06
Small Biogas	Biogas combustion from AD and ACTs*	<200kWth	5.90
Medium biogas	Biogas combustion from AD and ACTs*	200kWth to 599kWth	4.63
Large Biogas	Biogas combustion from AD and ACTs*	>600kWth	1.73
Deep Geothermal	Minimum drilling depth of 500m	All sizes	5.14

Domestic Scheme / Phase 2			
Tariff Name	Eligible Technology	Eligible Size	Tariff (p/kWh) on or after 1 July 2016
Biomass	Biomass boilers and biomass stoves	Less than 45 kWth**	4.68
Air source heat pumps	All with electric compressor	Less than 45 kWth**	7.51
Ground and water source heat pumps	Ground and water source heat pumps with electric compressor	Less than 45 kWth**	19.33
Solar thermal	Evacuated tubes and flat plate collectors for hot water only	Less than 45 kWth**	19.74

### Fisher German renewable energy services

Our renewable team can provide support for:

- renewable energy appraisal
- full feasibility reports
- financial forecasting
- RHI eligibility appraisal
- RHI applications
- project management - inception to completion
- bank due diligence
- funding advice
- planning

\*Advanced Conversion Technologies

\*\* Additional capacity may be eligible

For an initial discussion and to arrange your site assessment, contact us on

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