



Green Deal Advice Report Occupancy Assessment

Reference: [REDACTED]

Date report produced: [REDACTED] October 2015

Introduction

This report has been prepared following your Green Deal assessment on 4 January 2013. It shows some improvements you could make to your home that may save around £10,000.11 per year on your energy bills.

Green Deal improvements recommended by your assessor:

Recommended Improvements	Your household's estimated annual savings [#]	Typical annual savings - maximum Green Deal repayment in year 1	Money you could receive in year 1 [‡]
Solar photovoltaic panels ^{1,2}	£17	£100	£267 FIT
Loft insulation	£17	£104	
Wind turbine (roof mounted) ^{1,3}	£17	£101	N/A FIT
Wood logs boiler	£17	£105	£1,128 RHI
Wind turbine (on mast) ^{1,3}	£17	£102	N/A FIT
Wood pellets boiler	£17	£106	£1,128 RHI
Micro CHP ^{1,4}	£17	£103	N/A FIT
Total	£10,000.11	£1,043.09	

The numbers in the 'Money you could receive in year 1' column for Feed-in Tariff eligible measures should not be added to the numbers in the other columns. Please refer to the guidance below to find out how to calculate the possible benefits for these measures.

[#] Actual savings will depend on how much energy you use, will vary with changing energy prices and are calculated using average fuel prices on the day of assessment.

[‡] These figures should only be taken as an estimate of the revenue you could receive and have been calculated using standard assumptions and estimated values for system performance. Actual performance and revenue figures may be significantly higher or lower if the characteristics of the installed system vary from the estimated values, for example, depending on specific factors like your site location or chosen technology make and model.



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1 Savings for Solar PV, Micro-CHP and Wind Turbines are calculated on the assumption that a proportion of the generated electricity is used within your home to reduce the amount of electricity that you need to purchase from your electricity supplier. The remainder is assumed to be sold for export to the grid at a typical retail rate. However in practice, the current mechanism for selling exported electricity is through the Feed-in Tariff which uses different assumptions to calculate revenues. As a result "*Money you could receive in year 1*" figures should not be added to the "*Your household's estimated annual savings*" or "*Typical annual savings*" figures.

Please note that these are estimated figures and the benefits you might gain from any such arrangement will depend on a number of factors including the nature and positioning of your installation, your energy usage and your energy costs.

If you take out a Green Deal loan, the Typical annual savings amount indicated will set your annual repayments limit. In practice, if you only install an electricity generation measure your electricity bill will only be reduced by the amount of self-generated electricity that you use in the property. This may mean that your electricity bill increases but you may receive additional income through the Feed-in Tariff.

² If you are considering applying for a FIT for Solar PV you can get an idea of your estimated net benefit by:

Discounting the figures in the '*Your household's estimated annual savings*' by 50% and then adding the figure for '*Money you could receive in year 1*'.

³ If you are considering applying for a FIT for Wind Turbine you can get an idea of your estimated net benefit by:

Discounting the figures in the '*Your household's estimated annual savings*' by 30% and then adding the figure for '*Money you could receive in year 1*'.

⁴ If you are considering applying for a FIT for Micro-CHP you can get an idea of your estimated net benefit by:

Discounting the figures in the '*Your household's estimated annual savings*' by 60% and then adding the figure for '*Money you could receive in year 1*'.

This assumes heating efficiency is unchanged. If the Micro-CHP provides heat at a lower or higher efficiency than the system it is replacing then your savings could be higher or lower than this.

Key to schemes in force on date report produced:

FIT = you could receive income from Feed-in Tariffs.

RHI = you could receive income from the Domestic Renewable Heat Incentive.

This is a test GDAR sample and uses test data. This GDAR is only to be used only for reference to the recent text changes and not as reference for savings figures.

Financing your improvements

You may be able to take advantage of one or more of the following

FIT Feed-in Tariff (FIT)

The Feed-in Tariff Scheme is the Government's support for small-scale renewable electricity generation.

It is available for solar photovoltaic (PV) panels, wind and hydropower turbines, and anaerobic digestion technology up to 5MW, as well as micro-combined heat and power (micro-CHP) up to 2kW electrical capacity.

Most householders will be interested in the smaller end of this scale, particularly solar PV and wind up to 50kW and micro-CHP.

People installing eligible renewable technologies will benefit from three sources of revenue from the scheme:

1. The Generation Tariff: paid in pence for every kilowatt hour of electricity your renewable energy installation generates. The generation tariff varies depending on your technology, its size, and where it is located.
2. The Export Tariff: paid in pence for every kilowatt hour of renewable electricity you export to the grid. This is a flat rate for all generators which depends on when you first installed your technology.
3. Savings on your energy bill: the amount of electricity you buy from the grid will decrease as you consume more of your own generation. This isn't paid to you but you should feel the benefit in a lower electricity bill.

Ofgem's website has the latest generation and export tariff rates available at www.ofgem.gov.uk/environmental-programmes/feed-tariff-fit-scheme/tariff-tables

Please note that the Government launched its regular review of the Feed-in Tariff scheme on 27 August 2015 running until 23 October 2015. Further information and progress is available on the DECC website at www.gov.uk/government/consultations/consultation-on-a-review-of-the-feed-in-tariff-scheme?xx

The FIT Review 2015 proposes changes to generation tariffs for new applicants as well as caps on the number of installations which can join the scheme, both of which may affect new applicants.

These changes are proposals at the moment and, subject to the findings of our public consultation, are expected to come into effect in early 2016.

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