

Dear Mr. MacFaul,

It is deadline day for responses to your document, which I have just read for the first time.

I am deeply concerned, as I have been for a long time, that all of the governmental pronouncements about targets and objectives towards saving domestic energy are based on very weak foundations. I attach a copy of my paper "The Great Fibreglass Fib!!!". Please read it. You should find it informative.

Therein you will see a very detailed study of the UK Government's obsession with, and over reliance on fibreglass insulation. It was last updated to August 2010. I am shortly to revise it in line with your document and The Green Deal.

I understand that my document has been passed on to Eric Pickles, Chris Huhne and Tim Yeo by my local MP Nadhim Zahawi (Stratford upon Avon).

ALL of your expectations surrounding conserving domestic energy are based on the myth that fibreglass insulates, never deteriorates, is always installed in perfect conditions by diligent experts, and therefore is bound to ensure that our EU obligations will be met in full, and will be maintained at that level.

It is all a bit like The Emperor's New Suit, where no-one wants to admit the obvious.

I appreciate that your remit is largely concerned with energy supplies and suppliers. However, if you do not take an active interest in the wilful wastage of those valuable resources at the point of use, to my mind, you are neglecting your responsibility.

On another matter, PV solar energy, in which I am also closely involved, I have to advise you that the Government's Feed-In-Tariff (FIT) Scheme, is seriously and obviously flawed. I believe that is in your organisation's interest to consider the following.

The Microgeneration Scheme (MCS) is based on a map of the UK, depicting coloured bands relating to what appears to be reasonable expectancies of annual daylight hours capable of self generating electricity. I attach said map. On it, I have superimposed the Meteorological Office's defined Midlands Region. I am personally concerned with that area, although similar conclusions could be arrived at elsewhere. It illustrates my argument.

From my 25 page book, which I give to prospective purchasers of domestic PV solar panel installations, to knowledgeably inform and hopefully protect them from misinformation by others, I attach associated pages which should prove self explanatory without me having to burden you in this e-mail.

The most important aspect of a prospective purchasers choice is that of the inverter, and the hours across which their respective technologies operate. They are certainly not the same.

The SAP Calculation upon which the FIT Scheme depends is flawed in that it is only designed to establish the competing installer's potential energy output in kW (kilowatts). It ***fails*** to introduce the concept of ***hours*** of operation. FIT is paid on ***kWhours (Units of electricity)***. Consequently with that omission, the consumer is vulnerable to being sold an

installation which ***IS NOT*** going to give him the best return on investment over the duration of the Scheme.

The way to assist the consumer, is for MSC providers to be obliged to certify the "kick-in" point of the inverter that they intend supplying. At present recycled double-glazing salesmen can make whatever claims they fancy.

In OFGEM terms, the opportunity is being lost to maximise the efficiency of PV solar installations, because it lacks the practical input of people like me pointing out the shortcomings of what otherwise is an excellent Scheme.

If you would like me to send you hard copies of either The Fibreglass Fib!!! or my PV solar installation book, please advise, as I do not wish to go to the expense and trouble of doing so, if they are merely going to end up being ignored.

My contact numbers are :- 01789 491313 and 07967095546

Best Wishes

Graham Spiers