CONSULTATION RESPONSE FORM

Consultation on MCS 034 – Biomass Pre-sale information and System Performance Estimate

Thank you for taking the time to comment on this consultation. MCS values the input from all interested parties in the development of its Standards as, without you, we would not be able to define and raise the quality of installations. We would be grateful if you could use this form for your response which helps with collation and consideration of responses. The form is in two parts: the first part includes a table where you can make comments on each line/paragraph of the draft document; the second part includes specific questions that will help arrive at a final published version.

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| Introduction:  This consultation is to seek feedback on MCS 034 Version 1.  MCS 034 details a methodology to enable MCS Contractors to produce an estimate of the annual energy performance of a Biomass system.  The MCS Biomass Working Group have introduced the option to provide a System Performance Estimate either before or after a full heat loss survey is completed. This aligns System Performance requirements across all MCS technologies to standardise processes for all stakeholders whilst also enabling consumers to make a more informed choice.  MCS 034 is written in a narrative form explaining in detail how it works and setting out the formulae used. MCS will develop and publish an Excel tool which will enable MCS Contractors to produce compliant calculations quickly and easily. |

| Respondent Name: | Company Name: |  |  | Date | Document |
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|  |  |  |  |  | MCS 034 – Biomass Pre-sale information and System Performance Estimate |

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Note: You may add as many additional rows as required to table above.

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| Additional Comments: |

**Consultation Questions**

In addition to comment on the content of the draft document detailed above, we have these specific but more general questions:

QUESTION 1: The MCS 034 methodology requires you to calculate annual energy demand using a valid Energy Performance Certificate (EPC), SAP 2012 calculation or another suitable method when it is not possible to obtain a valid EPC. What are suitable methods for calculating annual energy demand where it is not possible to obtain a valid EPC (e.g. non-domestic or large refurbishment / extension to a dwelling)?

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QUESTION 2: The Biomass System Performance Estimate calculation methodology includes a utilisation factor. The utilisation factor is the estimate of time per year, as a percentage, that the Biomass boiler will operate to generate heat. A utilisation factor of 20% or higher is considered ideal. Less than 15% may signal that the boiler is over-sized for the demand and should be avoided unless there are exceptional circumstances. If the utilisation factor is less than 15% it triggers an advisory warning. Do you agree with the inclusion of a utilisation factor?

1. Yes
2. No (If no, please explain your reasons in the box below)

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QUESTION 3: The current methodology does not consider systems that include thermal stores. Do you agree that the calculation should include a method if a thermal store is being used?

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