

SCHEDULE 2

GREENHOUSE GAS CRITERIA FOR SOLID AND GASEOUS BIOMASS

PART 2

Actual value method

7. In paragraph 6—

- (a) η_{el} is equal to $\frac{A}{F}$ where—
- A is the total amount of electricity generated by the generating station during the month, and
 - F is the energy content of all of the fuels used in generating that electricity during the month;
- (b) η_h is equal to $\frac{H}{F}$ where—
- F has the same meaning as in sub-paragraph (a)(ii), and
 - H is the energy content of all of the heat supplied to any premises by the generating station during the month;
- (c) C_h is equal to—
- where the maximum temperature in degrees kelvin of heat or steam which is (or may be) supplied by the generating station to any premises (“ T_{max} ”) is less than 423 degrees kelvin, 0.3546,
 - in any other case, $\frac{T_{max} - 273}{T_{max}}$; and
- (d) E is the greenhouse gas emissions from the production of the biomass and is to be calculated in accordance with Part C of Annex 5 of the Renewables Directive but as if the following modifications were made to Part C of that Annex—
- in paragraph 1—
 - for “and use of transport fuels, biofuels and bioliquids” there was substituted “of biomass”,
 - for “E = total emissions from the use of the fuel” there was substituted “E = greenhouse gas emissions from the production of the biomass”, and
 - for “ e_u = emissions from the fuel in use” there was substituted “ e_u = zero”;
 - in paragraph 2, for the references to “fuels” and “fuel” there was substituted in each case “biomass”;
 - paragraphs 3 and 4 were omitted;
 - in paragraph 7—
 - for each reference to “biofuel” there was substituted “biomass”, and

- (bb) the words “or bioliquid” were omitted in each place in which those words occur;
- (v) in paragraph 11, for “fuel” there was substituted “biomass”;
- (vi) paragraph 13 was omitted;
- (vii) in paragraph 14, for “fuel” there was substituted “biomass”;
- (viii) for paragraph 16 there was substituted—
 - “**16.** Emission saving from excess electricity from cogeneration shall be taken to be zero.
- (ix) in paragraph 17, for each reference to “fuel” there was substituted “biomass”;
- (x) in paragraph 18—
 - (aa) for “fuel” there was substituted “biomass”,
 - (bb) the words “In case of biofuels and bioliquids,” were omitted,
 - (cc) before “and residues from processing” there was inserted “residues from aquaculture, arboriculture, fisheries and forestry”, and
 - (dd) for “fuels” there was substituted “biomass”; and
- (xi) for paragraph 19 there was substituted—
 - “**19.** Where material is added to the biomass to act as a binding agent or to reduce the emissions of dust, carbon dioxide, methane or nitrous oxide from the use of the biomass, the material so added shall be considered to have zero greenhouse gas emissions, provided that the material so added does not exceed 2% by weight of the biomass.”.